



**ANNUAL REPORT
2020-21**

**ALL INDIA INSTITUTE OF MEDICAL SCIENCES
JODHPUR**



डॉ. मनसुख मांडविया
Dr. Mansukh Mandaviya

माननीय केन्द्रीय मंत्री
Hon'ble Union Minister

स्वास्थ्य एवं परिवार कल्याण और रसायन एवं उर्वरक, भारत सरकार
Health and Family Welfare and Chemicals and Fertilizers, Govt. of India



डॉ. भारती प्रविण पवार
Dr. Bharati Pravin Pawar

माननीय राज्य मंत्री
Hon'ble Minister of State

स्वास्थ्य एवं परिवार कल्याण, भारत सरकार
Health and Family Welfare, Govt. of India

Prof. Sanjeev Misra

MS, MCh, FRCS (Eng.), FRCS (Glasgow),
FICS, FACS (USA), FAMS, FNASc. DSc (hc)

Director & CEO

Prof. of Surgical Oncology



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FROM THE DIRECTOR'S DESK....

I am honored to submit the Annual report of All India Institute of Medical Sciences, Jodhpur for the year 2020-21.

Since its inception in 2012, AIIMS Jodhpur has been striving for excellence in patient care, academic programs, research, and innovation. AIIMS Jodhpur continued to be the first choice among new AIIMS for students for various courses during the year. 125 MBBS and 75 B.Sc. (Hons.) Nursing students were admitted in the current year. Students also enrolled for Postgraduate, Superspeciality and PhD program. It's a matter of immense pleasure to share that AIIMS Jodhpur was second among all the AIIMS in the country, topmost medical college in the state of Rajasthan and overall ranked 28th in NIRF rankings for the 2021.

The year 2020 presented an unforeseen challenge to the country and the world in terms of COVID-19 pandemic. The institute was at the forefront in handling this challenge by providing services to this part of the country in terms of both handling the patient load as well as helping the administration in curtailing the pandemic. The Institute was also a part of various trials including WHO's SOLIDARITY trial and studies on the virus and its consequences. AIIMS Jodhpur also developed various devices and solutions to help the fraternity in combating this pandemic. The institute was appreciated widely and received accolades from various agencies for its contribution during COVID-19 pandemic. AIIMS Jodhpur also assisted the state and local administration in managing the pandemic. In spite of the COVID-19 pandemic, the institute provided OPD and IPD services including telemedicine (from 20th April 2020) and physical approach along with laboratory services to the patients.

The institute also mentored and facilitated the establishment of diagnostic labs (total of 161) in the state of Rajasthan (72 labs) and Gujarat (89 labs). AIIMS Jodhpur also played a vital role in training the manpower of the state of Rajasthan so as to deal with pandemic. The institute conducted various capacity building programs including ones under aegis of Indian Technical

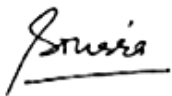
and Economic Cooperation Program, Ministry of External Affairs, Government of India for SAARC and other countries including Sudan, Bangladesh, Thailand, Myanmar, Kenya, Costa Rica, Nicaragua, Bhutan, Peru, Mexico, Egypt, Mauritius etc. for which feedback was overwhelming and much appreciated by the Ministry.

The institute was at the forefront of medical education even during the testing times of the pandemic. AIIMS Jodhpur was among the first institutes in the country to continue medical education through the online mode of teaching. The institute also imparted online education to other medical colleges of the state of Rajasthan. This online mode of education ensured continuum of education and the institute was probably the only medical college in the country to hold its examinations of all courses on time. A unique initiative, 'Reverse telemedicine,' was also undertaken by the institute to enhance clinical exposure of the students.

The faculty and residents of the institute were globally acknowledged for their research contributions through their scientific papers presented in conferences. The India-Sweden Healthcare Innovation Centre hosted at the institute is inducting innovative proposals in the field of healthcare. The creation of Sweden-India Health hub at AIIMS Jodhpur as well as the cooperation under MoU on Health was announced by Hon'ble Prime Ministers of India and Sweden during the India-Sweden joint summit. The institute is also designated as Centre of Excellence for tribal research under Ministry of Tribal Affairs, the activities of which are continuing in the Sirohi district of the state. AIIMS Jodhpur was the mentor of AIIMS Gorakhpur and AIIMS Rajkot.

The institute would like to acknowledge the continued support by the Ministry of Health and Family Welfare, Government of India. AIIMS, Jodhpur is committed to thrive for excellence in future in medical education, research, innovation and patient care under constant support and able guidance of Government of India.

This Annual report is a statement of the progress of AIIMS Jodhpur during 2020-21.



Prof. Sanjeev Misra

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Institutional Bodies

Institute Body






1	Dr. S. C. Sharma President of the Institute	
2	Shri P. P. Chaudhary Member of Parliament Lok Sabha	
3	Shri Chandra Prakash Joshi Member of Parliament Lok Sabha	
4(i)	Ms. Preeti Sudan Secretary Ministry of Health & Family Welfare Government of India (till 31 st July, 2020)	
4(ii)	Shri Rajesh Bhushan Secretary Ministry of Health & Family Welfare Government of India (01 st August, 2020 onwards)	
5(i)	Shri Devendra Bhushan Gupta Chief Secretary Government of Rajasthan (Till 03 rd July, 2020)	
5(ii)	Shri Rajeeva Swarup Chief Secretary Government of Rajasthan (from 03 rd July, 2020 to 31 st October, 2020)	

5(iii)	<p>Shri Niranjn Kumar Arya Chief Secretary Government of Rajasthan (from 31st October, 2020)</p>	
6 (i)	<p>Prof. (Dr.) Rajiv Garg Director General of Health Services Ministry of Health & Family Welfare Government of India (Till 12th August, 2020)</p>	
6 (ii)	<p>Prof. (Dr.) Sunil Kumar Director General of Health Services Ministry of Health & Family Welfare Government of India (13th August, 2020 onwards)</p>	
7	<p>Dr. Dharmendra Singh Gangwar Addl. Secretary & Financial Adviser Ministry of Health & Family Welfare Government of India</p>	
8	<p>Dr. Hakam Dan Charan Vice Chancellor, Bikaner Technical University, Bikaner, Rajasthan</p>	
9	<p>Prof. Santanu Chaudhury Director Indian Institute of Technology (IIT), Jodhpur, Rajasthan</p>	
10	<p>Prof. Ashok Kumar Saxena Former General President Indian Science Congress Association</p>	

11	Dr. S.S. Agarwal Past President IMA, Jaipur, Rajasthan	
12	Dr. Dhananjai Agarwal Professor & HOD, Department of Nephrology S.M.S. Medical College, Jaipur, Rajasthan	
13	Dr. G.S. Wander Professor & Head, Department of Cardiology DMC & Hospital, Ludhiana, Punjab	
14	Dr. S.K. Gupta Professor & Head Department of Neurosurgery PGIMER, Chandigarh	
15	Dr. Vineet Ahuja Professor Department of Gastroenterology AIIMS, New Delhi	
16	Dr. Sanjeev Misra Director, All India Institute of Medical Sciences, Jodhpur	

Governing Body

1	<p>Dr. S.C. Sharma Former Professor & Head Department of Otolaryngology and Head & Neck Surgery All India Institute of Medical Sciences, New Delhi</p>	
2	<p>Shri Chandra Prakash Joshi Hon'ble Member of Parliament, Lok Sabha</p>	
3	<p>Shri Rajesh Bhushan Secretary Ministry of Health & Family Welfare Government of India</p>	
4(i)	<p>Shri Rajeeva Swarup Chief Secretary Government of Rajasthan (Till 31st October, 2020)</p>	
4(ii)	<p>Shri Niranjana Kumar Arya Chief Secretary Government of Rajasthan (31st October, 2020 onwards)</p>	
5	<p>Prof. (Dr.) Sunil Kumar Director General of Health Services Ministry of Health & Family Welfare Government of India</p>	
6	<p>Dr. Dharmendra Singh Gangwar Addl. Secretary & Financial Advisor Ministry of Health & Family Welfare Government of India</p>	

7	<p>Dr. Vineet Ahuja Professor Department of Gastroenterology All India Institute of Medical Sciences, New Delhi</p>	
8	<p>Dr. S.K. Gupta Professor & Head Department of Neurosurgery Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh</p>	
9	<p>Prof. Santanu Chaudhury Director Indian Institute of Technology (IIT), Jodhpur, Rajasthan</p>	
10	<p>Dr. S. S. Agarwal Past President, IMA, Jaipur, Rajasthan</p>	
11	<p>Dr. Sanjeev Misra Director All India Institute of Medical Sciences, Jodhpur</p>	

Standing Finance Committee

1	Shri Rajesh Bhushan Secretary Ministry of Health & Family Welfare Government of India	Chairman
2	Shri P.P. Chaudhary Hon'ble Member of Parliament, Lok Sabha	Member
3	Prof. (Dr.) Sunil Kumar Director General of Health Services Ministry of Health & Family Welfare Government of India	Member
4 (i)	Shri Rajeeva Swarup Chief Secretary Government of Rajasthan (Till 31 st October, 2020)	Member
4 (ii)	Shri Niranjana Kumar Arya Chief Secretary Government of Rajasthan (31 st October, 2020 onwards)	Member
5	Dr. Dharmendra Singh Gangwar Addl. Secretary & Financial Advisor Ministry of Health & Family Welfare Government of India	Member
6	Dr. Dhananjai Agarwal Professor & HOD, Department of Nephrology S.M.S. Medical College, Jaipur, Rajasthan	Member
7	Prof. Ashok Kumar Saxena Former General President, Indian Science Congress Association	Member
8	Dr. Sanjeev Misra Director, All India Institute of Medical Sciences, Jodhpur	Member Secretary

Standing Selection Committee

1.	Dr. Vineet Ahuja Professor Department of Gastroenterology All India Institute of Medical Sciences, New Delhi	Chairman
2.	Prof. (Dr.) Sunil Kumar Director General of Health Services Ministry of Health & Family Welfare Government of India	Member
3.	Prof. Santanu Chaudhury Director Indian Institute of Technology (IIT), Jodhpur, Rajasthan	Member
4.	Dr. G.S. Wander Professor & Head, Department of Cardiology DMC & Hospital, Ludhiana, Punjab	Member
5.	Dr. Dhananjai Agarwal Professor & HOD, Department of Nephrology S.M.S. Medical College, Jaipur, Rajasthan	Member
6.	Prof. Ashok Kumar Saxena Former General President Indian Science Congress Association	Member
7.	Dr. Sanjeev Misra Director All India Institute of Medical Sciences, Jodhpur	Member Secretary

Academic Committee

1.	Dr. S.K. Gupta Professor & Head Department of Neurosurgery PGIMER, Chandigarh	Chairman
2.	Prof. Santanu Chaudhury Director Indian Institute of Technology (IIT), Jodhpur, Rajasthan	Member
3.	Dr. Vineet Ahuja Professor Department of Gastroenterology AIIMS, New Delhi	Member
4.	Dr. Hakam Dan Charan Vice Chancellor Bikaner Technical University, Bikaner, Rajasthan	Member
5.	Dr. G.S. Wander Professor & Head, Department of Cardiology DMC & Hospital, Ludhiana, Punjab	Member
6.	Prof. Ashok Kumar Saxena Former General President Indian Science Congress Association	Member
7.	Dr. Sanjeev Misra Director All India Institute of Medical Sciences, Jodhpur	Member Secretary

About the President



Dr. Suresh C Sharma, President of AIIMS Jodhpur is currently working as Chairman, National Medical Commission. He was previously working as the Professor and Head of the Department of Otorhinolaryngology and Head & Neck surgery at AIIMS, New Delhi. He pursued his MBBS from SMS Medical College, Jaipur (Rajasthan), and was awarded MS (ENT) from Post Graduate Institute of Medical Education and Research, (PGIMER) Chandigarh. He continued to serve PGIMER Chandigarh as faculty till March 2000 in various capacities. He received training at MSKCC, New York with Prof. Jatin Shah in Head & Neck Surgery.

Dr. Sharma developed Head & Neck Cancer surgery and Skull base surgery at PGIMER, Chandigarh, conducted research on fungal infections of Head & Neck, and developed first animal model for PNS fungal infections. At AIIMS Delhi, besides Head & Neck surgery, he developed skull base surgery, and surgery for head & neck paraganglioma, cochlear implants, robotic and minimal invasive surgery for head & neck tumours.

He is actively involved in basic research in the field of Oral cancer and Cholesteatoma. He has numerous publications in National and International journals and has written multiple chapters in books. He is member/ advisor on bodies of various institutions of the Government of India and has been conferred with various orations such as Dr. P. P. Karnik Oration, 2016, at NES, 2016, 11-13 March, AIIMS Bhopal,

A.O.I. Oration (Rajasthan state branch), at Udaipur, on 22nd Oct. 2016, Dr Satyaban Roy Memorial Oration 2015, at 44th Annual state conference 4-6th Dec. 2015, Chjalsa, Siliguri, S. S. Balge Oration award at 39th annual conference of AOI GSB Ahmedabad, Sher-E- Kashmir Sheikh Mohammed Abdullah Oration award- 2011, S M S Medical, College Jaipur, Raj, 1st Oct, 2012. Prof. Y. N. Mehra oration- 2012, Delivered on 30th Nov, 2012, at PGIMER, Chandigarh. Prof. Abirlal Mukherjee Oration, AOI CON, Chandan Nagar, West Bengal, Sept. 2012. Prof. Kailash rai Oration, Rajasthan State AOI CON, MGMC, Jaipur, Raj, 2011. Prof. C.

Das Oration, NEBAOICON,(North East Br) Shilong, Assam , Oct 2011. Dr.L H Hiranandani oration, AOICON at Agra, Jan, 2008.Prof. R N Misra Oration, KGMC, Lucknow, UP, August, 2007.Certificate of appreciation of services from Vice-President of India, 2007.Invited Guest speaker in the Annual AP state BR. of AOI, July 2010.Guest Speaker in Annual Head & Neck Workshop at All India Institute of Medical Sciences,New Delhi, Oct.1993, Jan. 1998 and Oct.1998.A.O.I. Guest Lecture in Annual Conference of Rajasthan State Branch of A.O.I. Nov.1994.

He has been nominated as President of AIIMS, Jodhpur, by Government of India in 2018.

**Office Bearers
at
AIIMS Jodhpur**

Administration



Director
Prof. Sanjeev Misra



**Deputy Director
(Administration)**
Mr. N. R. Bishnoi



**Finance and Chief
Accounts Officer**
Ms. Rashmi Tahiliani
(Till 31st July, 2020)



**Finance and Chief
Accounts Officer**
Mr. S. N. Gurjar
(Additional Charge,
01st August, 2020
onwards)



**Senior Administrative
Officer**
Mr. Dushyant Gehlot
(14th October, 2020
onwards)



Administrative Officer
Mr. Manish Kumar
Srivastava
(Additional Charge,
Till 07th October, 2020)



Administrative Officer
Mr. Sanjay Dhabai
(08th October, 2020
onwards)







Executive Engineer (Civil)
Er. Sunil Mathur
(Additional Charge of SE)
(Till 30th June, 2020)











Executive Engineer (Electrical)
Er. Pankaj Saxena
(Additional Charge of SE,
1st July, 2020 onwards)

Academics

S. No.	Name & Designation	Photo
1	Dr. Kuldeep Singh Dean	
2	Dr. Shilpi Gupta Dixit Vice Dean	
3	Dr. Abhishek Bhardwaj Sub Dean	
4	Dr. Pradeep Dwivedi Assistant Dean	
5	Dr. Mukesh Kumar Swami Assistant Dean (04 th August, 2020 onwards)	
6	Dr. Nitin Bajpai Assistant Dean (till 30 th July, 2020)	
7	Dr. Shival Srivastav Assistant Dean (31 st July, 2020 onwards)	
8	Mr. Manish Kumar Srivastava Registrar	

Examinations





S. No.	Name & Designation	Photo
1	Dr. Praveen Sharma Controller of Examinations (Till 31 st July, 2020)	
2	Dr. Abhinav Dixit Controller of Examinations (1 st August, 2020 onwards) Vice Dean (Till 31 st July, 2020)	
3	Dr. Tanuj Kanchan Vice Dean (06 th August, 2020 onwards)	
4	Dr. Shashank Shekhar Sub Dean (Till 05 th August, 2020)	
5	Dr. Gopal Krishna Bohra Sub Dean (06 th August, 2020 onwards)	
6	Dr. Puneet Pareek Sub Dean (Till 05 th August, 2020)	
7	Dr. Dushyant Agarwal Sub Dean (06 th August, 2020 onwards) Assistant Dean (Till 05 th August, 2020)	
8	Dr. Nishant Chauhan Assistant Dean (till 05 th August, 2020)	

9	Dr. Ashok Kumar Assistant Dean (Till 05 th August, 2020)	
10	Dr. Mukesh Sharma Assistant Dean (06 th August, 2020 onwards)	
11	Dr. Ravisekhar Gadepalli Assistant Dean	
12	Dr. Shrimanjunath Sankanagoudar Assistant Dean	










Research

S. No.	Name & Designation	Photo
1	Dr. Praveen Sharma Dean (Till 31 st July, 2020)	
2	Dr. Vijaya Lakshmi Nag Dean (01 st August, 2020 to 21 st December, 2020) Vice Dean (Till 31 st July, 2020)	
3	Dr. Pankaj Bhardwaj Vice Dean (01 st August, 2020 onwards) Officiating Dean (09 th January, 2021 onward s)	
4	Dr. Jaykaran Charan Sub Dean (06 th August, 2020 onwards) Assistant Dean (till 05 th August, 2020)	
5	Dr. Tanuj Kanchan Assistant Dean (till 30 th July, 2020)	
6	Dr. Deepak Kumar Assistant Dean (04 th August, 2020 onwards)	
7	Dr. Neeraj Gupta Assistant Dean (till 30 th July, 2020)	
8	Dr. Prasenjit Mitra Assistant Dean (31 st July, 2020 onwards)	

Student Welfare

S. No.	Name & Designation	Photo
1	Dr. Surajit Ghatak Dean	
2	Dr. Abhay Elhence Vice Dean	
3	Dr. Naresh Nebhinani Sub Dean	
4	Dr. Daisy Khera Assistant Dean	

Hospital Services

S. No.	Name & Designation	Photo
1	Dr. Arvind Sinha Medical Superintendent (till 24 th July, 2020)	
2	Dr. M. K. Garg Medical Superintendent (25 th July, 2020 onwards)	
3	Dr. Naveen Dutt Deputy Medical Superintendent (till 4 th August, 2020)	
4	Dr. Mahaveer Singh Rodha Deputy Medical Superintendent	
5	Dr. Suryanarayanan Bhaskar Deputy Medical Superintendent	
6	Dr. Nikhil Kothari Deputy Medical Superintendent	
7	Dr. Mithu Banerjee Deputy Medical Superintendent	
8	Dr. Binit Sureka Deputy Medical Superintendent	
9	Dr. Nitesh Gehlot Deputy Medical Superintendent (04 th August, 2020 onwards)	

Hospital Services

HOSPITAL SERVICES

The hospital services started in 2012 with OPD facilities. IPD facilities and OT started in 2013 and 2014 respectively as a make shift arrangement in the OPD block. The feedback from patients shows a heartening trend of increasing satisfaction with the quality of care and the cleanliness of the hospital. Apart from the routine OPD services, AIIMS Jodhpur provides advanced Specialty and Superspeciality care to the patients. Services like Neonatology, Pediatric Surgery, Oncology, Oncosurgery, Neurology, Nephrology, Neurosurgery, Cardiology, Cardiac surgery, Pulmonary, Endocrinology, Surgical Gastroenterology and Pediatric Nephrology etc are being provided at AIIMS Jodhpur. This year new specialities of Medical Gastroenterology and Medical oncology have been added.

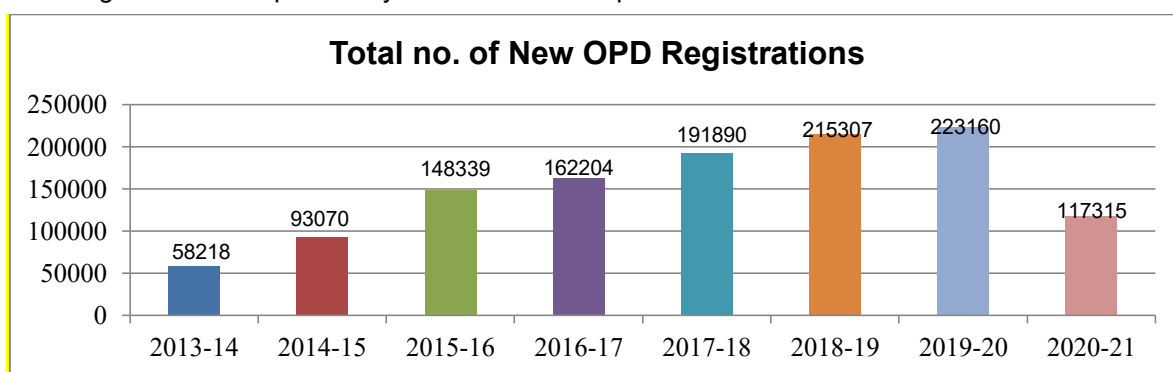
This year was unprecedented due to COVID pandemic. This hospital initially managed all the type of COVID cases and later converted to tertiary care centre for COVID for western Rajasthan. This hospital provided services to COVID patients of this state and nearby state with high degree of patient's satisfaction. Recently, it has provided excellent wholesome care to all the cases of Mucormycosis.

The OPD attendance, IPD admissions, and surgery numbers and complexity have decreased this year due to COVID pandemic. However, the institute is now performing many more advanced procedures including MRI, advanced laparoscopic & Complex (minimal invasive) surgeries like Partial Nephrectomy, Hernia, Radical Cystectomy, VVF repair, Wertheim hysterectomy hip and knee replacements, open heart surgeries, thoracoscopic procedures, endourological procedures & cochlear implants

AIIMS Jodhpur is the first institute in Rajasthan to start Robotic Surgery with state-of-the-art facility, complex surgeries can now be performed safely using the Robot. AIIMS Jodhpur has a busy and thriving Trauma and Emergency Services and Dialysis unit. In an effort to integrate the different systems of medicine, AIIMS Jodhpur has established AYUSH services which blends the traditional systems of Ayurved & Homeopathy with Allopathic medicine. The institute has made rapid strides in all dimensions of patient care and has made a niche as an apex institute delivering quality tertiary care.

New OPD Registrations

A total 1,17,315 of new patients were registered in the year 2020-21 as compared to 2,23,160 patients registered in the previous year. There was a dip due to COVID-19 & resultant lockdowns.



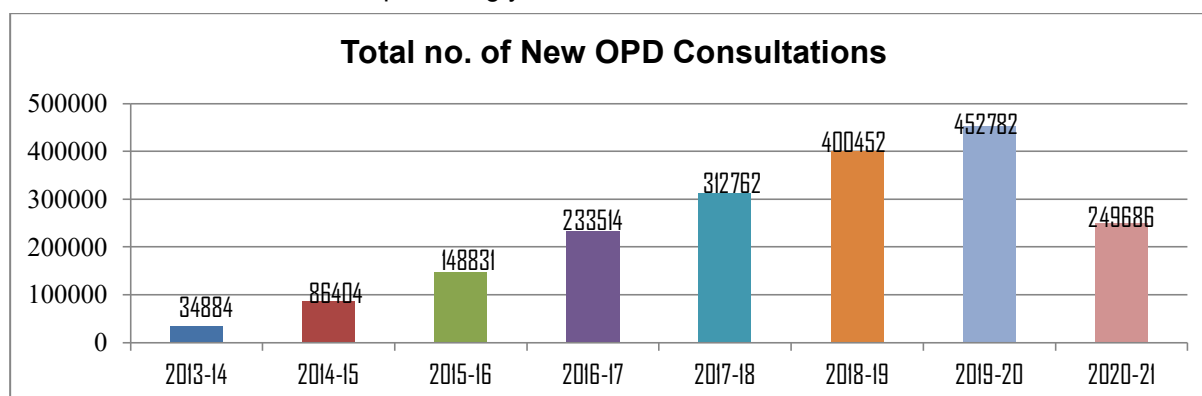
Sr. No	Year	Total no. of New OPD Registrations
1.	2013-14	58218
2.	2014-15	93070

3.	2015-16	148339
4	2016-17	162204
5	2017-18	191860
6	2018-19	215307
7	2019-20	223160
8	2020-21	117315

Sr. No	Month	Total no. of New OPD Registrations
1.	Apr – 20	1531
2.	May – 20	2232
3.	Jun – 20	7797
4	Jul – 20	9561
5	Aug – 20	10310
6	Sep – 20	11916
7	Oct – 20	9577
8	Nov – 20	9260
9	Dec - 20	10292
10	Jan – 21	12820
11	Feb – 21	14039
12	Mar - 21	17980

New OPD Consultations

A total of 2,49,686 new OPD consultations were done from 1st April 2020 to 31st March 2021 as compared to 4,52,782 consultations in the preceding year.



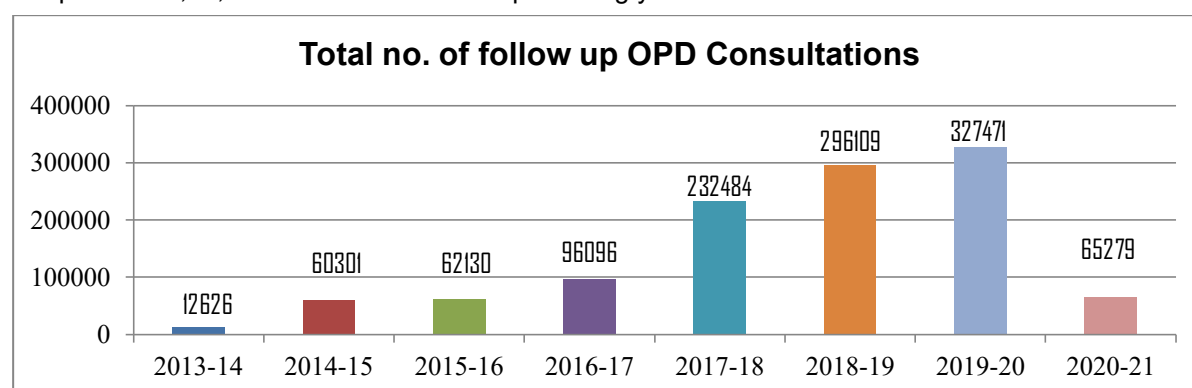
Sr. No	Year	Total no. of New OPD Consultation
1.	2013-14	34884
2.	2014-15	86404
3.	2015-16	148831

4	2016-17	233514
5	2017-18	312762
6	2018-19	400452
7	2019-20	452782
8	2020-21	249686

Sr. No	Month	Total no. of New OPD Consultation
1.	Apr – 20	3800
2.	May – 20	6814
3.	Jun – 20	16678
4	Jul – 20	22001
5	Aug – 20	19551
6	Sep – 20	20717
7	Oct – 20	20670
8	Nov – 20	20238
9	Dec - 20	25362
10	Jan – 21	25425
11	Feb – 21	31163
12	Mar - 21	37267

Follow up OPD Consultations

A total of 65,279 follow up OPD consultations were done from 1st April 2020 to 31st March 2021 as compared to 3,27,471 consultations in the preceding year.



Sr. No	Year	Total no. of follow up OPD Consultations
1.	2013-14	12626
2.	2014-15	60301
3.	2015-16	62130
4	2016-17	96096

5	2017-18	232484
6	2018-19	296109
7	2019-20	327471
8	2020-21	65279

Sr. No	Month	Total no. of follow up OPD Consultations
1.	Apr – 20	Lockdown
2.	May – 20	Lockdown
3.	Jun – 20	1248
4	Jul – 20	3354
5	Aug – 20	4582
6	Sep – 20	4903
7	Oct – 20	5145
8	Nov – 20	5553
9	Dec - 20	6751
10	Jan – 21	7351
11	Feb – 21	10907
12	Mar - 21	15485

Functional Specialities

Number of functional Departments: General Specialities

1. General Medicine
2. General Surgery
3. Obstetrics and Gynaecology
4. Orthopaedics
5. Paediatrics
6. Dermatology, Venereology and Leprology
7. Otorhinolaryngology
8. Ophthalmology
9. Radiation Oncology
10. Anaesthesiology and Critical Care
11. Transfusion Medicine and Blood Bank
12. Psychiatry

13. Dentistry
14. Physical Medicine and Rehabilitation
15. Pulmonary Medicine
16. Trauma and Emergency

Number of Functional Departments: Super-Specialities

1. Cardiology

2. Cardiothoracic and Vascular Surgery
3. Nephrology
4. Surgical Gastroenterology
5. Burns and Plastic Surgery
6. Neurosurgery
7. Neurology
8. Urology
9. Surgical Oncology
10. Endocrinology and Metabolism
11. Paediatric Surgery
12. Neonatology
13. Nuclear Medicine
14. Gastroenterology
15. Medical Oncology

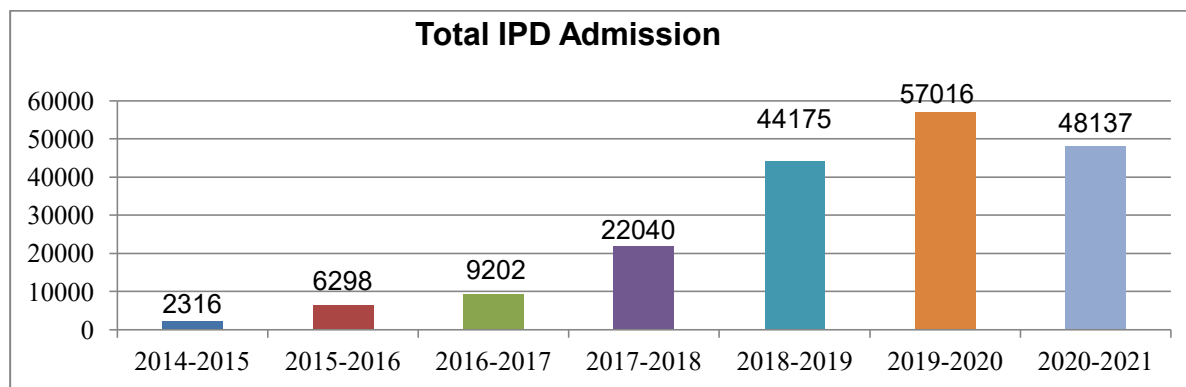
IPD Beds

Current Bed Strength – 960 including 126 beds in ICU (35 bed AICU, 5 beds KTU, 20 bed in PICU, 20 beds in NICU, 8 beds Neurology, 8 beds Neurosurgery, 10 beds Cardiology, 10 beds Cardiac Surgery and 10 beds Trauma ICU). In addition, COVID ICU beds were created separately according to the requirement with a maximum of 190 beds.

Hospital Information Service (HIS) for IPD was started in Feb 2014. AIIMS Jodhpur, is the first Government Hospital of India to have complete paperless HIS for both OPD and IPD.

IPD Admissions

48,137 patients were admitted in the institute during the year 2020-20 vs 57,016 during previous year.

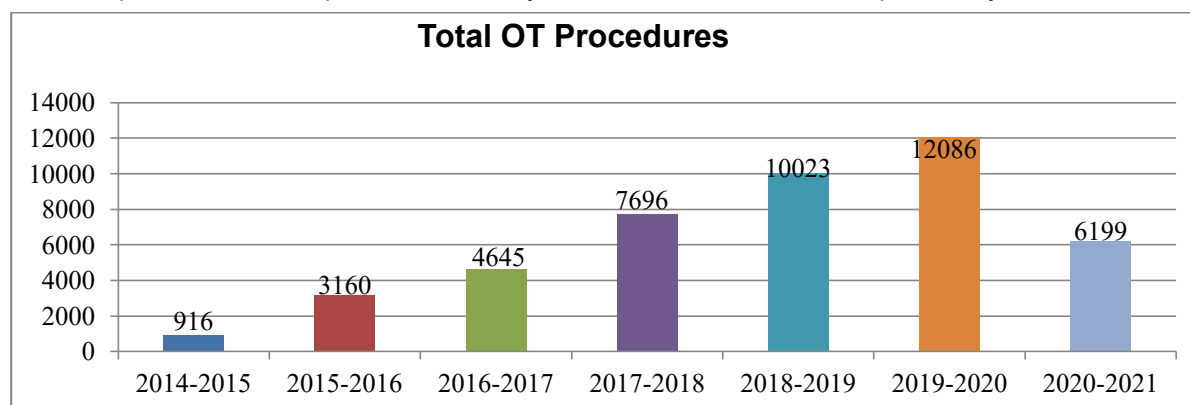


Sr. No	Year	Total IPD Admissions
1.	2014-15	2316
2.	2015-16	6298
3.	2016-17	9202
4.	2017-18	22040
5.	2018-19	44175
6.	2019-20	57016
7.	2020-21	48137

Sr. No	Month	Total IPD Admissions
1.	Apr – 20	1921
2.	May – 20	2673
3.	Jun – 20	4141
4	Jul – 20	4524
5	Aug – 20	4237
6	Sep – 20	3890
7	Oct – 20	4141
8	Nov – 20	3870
9	Dec - 20	3914
10	Jan – 21	4319
11	Feb – 21	4597
12	Mar - 21	5910

OT Procedures

6199 OT procedures were performed in the year 2020-21 vs 12,086 in the previous year.



Sr. No	Year	Total OT Procedure
1.	2014-15	916
2.	2015-16	3160
3.	2016-17	4645
4	2017-18	7696
5	2018-19	10023
6	2019-20	12086
7	2020-21	6199

Sr. No	Month	Total OT Procedure
1.	Apr – 20	125
2.	May – 20	173
3.	Jun – 20	390
4	Jul – 20	484
5	Aug – 20	490
6	Sep – 20	442
7	Oct – 20	513
8	Nov – 20	503
9	Dec - 20	613
10	Jan – 21	678
11	Feb – 21	831
12	Mar - 21	957

Department wise Surgeries : Year wise data

Department wise Surgeries								
	2014	2015	2016	2017	2018	2019	2020	2021 (Till March)
Dentistry	11	30	82	116	216	428	172	65
Otorhinolaryngology	64	304	489	559	809	867	387	157
General Surgery	166	939	1164	1437	1582	1790	1137	490
Obstetrics & Gynaecology	63	286	428	740	1219	1656	1382	401
Onco-Surgery	13	83	103	119	172	274	304	112
Ophthalmology	0	150	535	997	878	814	135	15
Orthopaedics	53	335	451	603	931	1109	624	310

	2014	2015	2016	2017	2018	2019	2020	2021 (Till March)
Pediatric Surgery	73	306	542	711	867	938	564	201
Physical Medicine & Rehabilitation	35	108	350	0	104	38	0	0
Radio-Diagnosis	5	44	2	0	1	0	0	0
Anaesthesiology	0	18	9	21	150	145	54	10
Psychiaty	0	0	19	155	307	309	88	0
Nephrology	0	0	23	6	4	16	3	1
Dermatology	0	0	7	32	123	78	8	0

Pulmonary Medicine	0	0	9	11	6	16	15	2
Cardio Thoracic Surgery	0	0	5	18	40	97	37	49
Radio Therapy	0	0	3	0	39	20	16	0
Plastic Surgery	0	0	0	128	569	769	367	84
Neurosurgery	0	0	0	51	302	521	428	220
Urology	0	0	0	1089	1185	1516	623	238
GI Surgery	0	0	0	193	183	299	179	102
Total	483	2603	4221	6986	9687	11704	6523	2457

Emergency Services

Since the initiation of emergency services from 1st Oct 2017, the Hospital has been catering to sick patients requiring emergency intervention. The emergency service consists of 14 triage beds on ground floor. This is also equipped with ventilators for stabilising critical patients and transferring them to appropriate wards. An efficient system of Triage has been devised for the initial management of emergency patients. The emergency ward is on the first (Medicine) and second (Surgery) floor with 27 emergency beds in each with round the clock medical support and backup.

Total no. of admission in Emergency

Sr. No	Month	Total OT Procedure
1.	Apr – 20	1066
2.	May – 20	1488
3.	Jun – 20	1706
4	Jul – 20	1779
5	Aug – 20	1835
6	Sep – 20	1733
7	Oct – 20	1802
8	Nov – 20	1616
9	Dec - 20	1753
10	Jan – 21	2197
11	Feb – 21	2369
12	Mar - 21	3085
	Total	22429

Total no. of department wise admission in Emergency

Sr. No.	Month	Medicine	Surgery	Pediatric	Orthopedic	Total
1	Apr – 20	460	324	237	45	1066

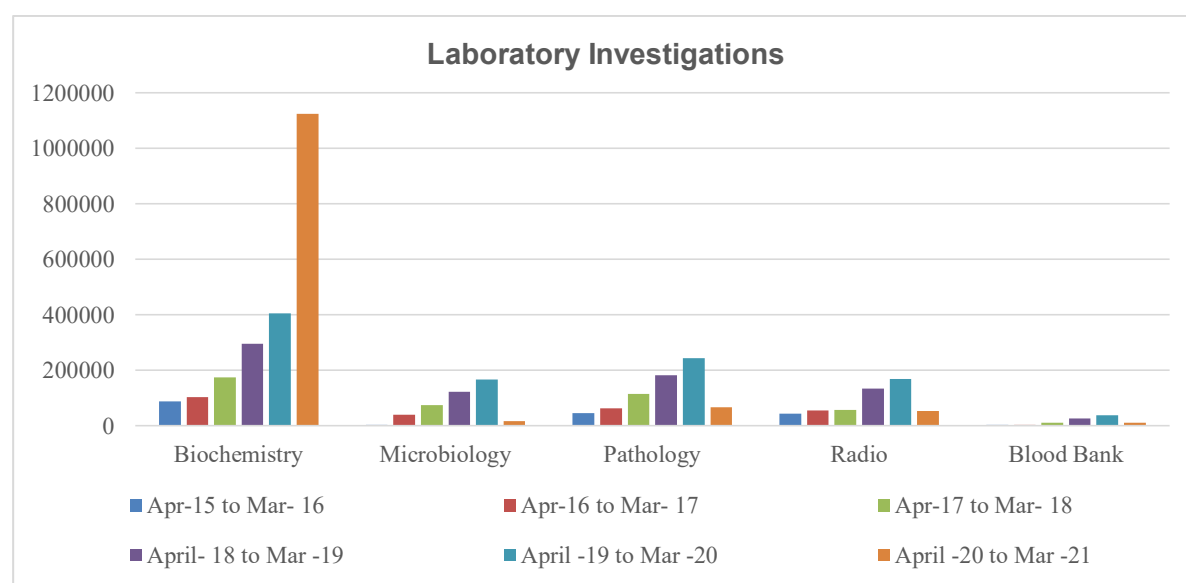
2	May – 20	617	542	268	61	1488
3	Jun – 20	697	612	295	102	1706
4	Jul – 20	686	646	341	106	1779
5	Aug -20	769	574	356	136	1835
6	Sep – 20	636	602	396	99	1733
7	Oct – 20	704	569	404	125	1802
8	Nov – 20	721	491	299	105	1616
9	Dec – 20	768	556	317	112	1753
10	Jan – 21	1032	603	448	114	2197
11	Feb – 21	1217	601	487	64	2369
12	Mar – 21	1686	724	583	92	3085

Laboratory Investigations

The laboratory investigations also showed a proportionate increase in demand and services offered. 12,67,798 investigations were done during 2020-21 as compared to 10,20,385 investigations performed in the previous year 2019-20.

Investigations

Sr.No	Department	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
1.	Biochemistry	87624	102596	173760	294267	405084	1124298
2.	Microbiology	1664	38205	73256	122028	166562	15103
3.	Pathology	44895	62081	113189	181424	243650	65908
4.	Radiology	43395	53383	56884	133278	167435	53024
5.	Blood Bank	1008	1515	9222	25713	37654	9465



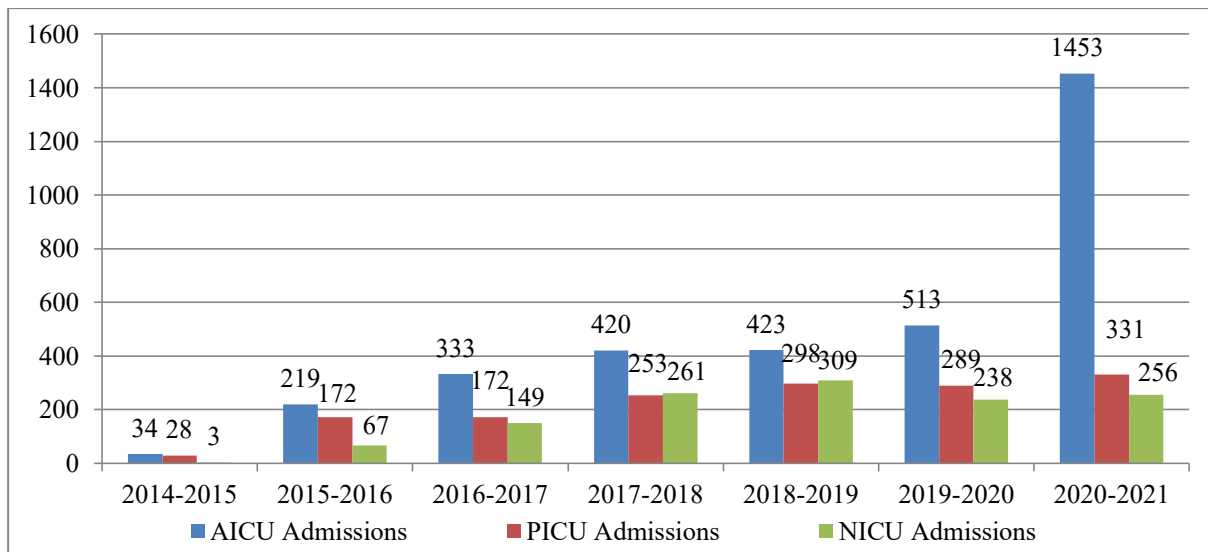
Blood Bank Services

Blood Bank started in AIIMS Jodhpur with establishment of Blood Bank in February 2015. Since then more than 10,000 donations have been done and more than 25000 components have been administered to the patients. Blood Bank in AIIMS Jodhpur not only caters to the needs of patients admitted in AIIMS Jodhpur but also to those in nearby hospitals.

Voluntary blood donations are encouraged with regular counseling and motivation of potential donors and participation in blood donation camps in and around Jodhpur with the help of voluntary organizations, blood donor groups and NGOs. We aim towards 100 percent voluntary donations and are taking steps towards achieving it.

Sr. No	Month	No. of Vol. Donation	No. of Blood issued	No. of Therapeutic Plasma Exchange	No. of Camps Conducted
1	Apr – 20	88	462	16	0
2	May – 20	83	425	18	1
3	Jun – 20	162	894	5	4
4	Jul – 20	180	866	10	2
5	Aug – 20	258	795	19	2
6	Sep – 20	94	714	8	1
7	Oct – 20	123	799	20	3
8	Nov – 20	113	655	3	2
9	Dec – 20	218	896	5	3
10	Jan – 21	14	933	19	2
11	Feb – 21	205	928	11	4
12	Mar – 21	239	1098	10	3
Total		1777	9465	144	27

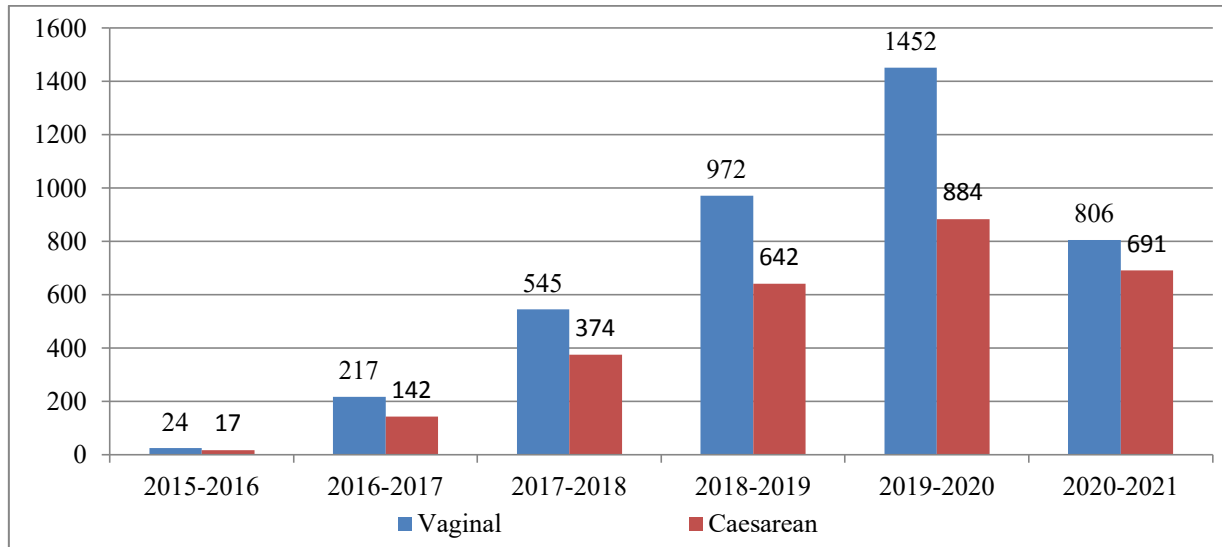
Sr. No	Month	AICU Admisson	PICU Admission	NICU Admisson
1	Apr -20	48	17	15
2	May -20	101	26	12
3	Jun – 20	124	34	23
4	Jul – 20	121	24	18
5	Aug – 20	112	29	30
6	Sep -20	112	21	16
7	Oct – 20	120	22	21
8	Nov -20	119	30	28
9	Dec – 20	33	21	25
10	Jan – 21	160	23	27
11	Feb – 21	190	39	15
12	Mar -21	213	45	26

ICU Admissions

Sr. No	Year	AICU Admisson	PICU Admission	NICU Admisson
1	2014-15	34	28	3
2	2015-16	219	172	67
3	2016-17	333	172	149
4	2017-18	420	253	261
5	2018-19	423	298	309
6	2019-20	513	289	238
7	2020-21	1453	331	256

Obstetrics Services (Labour Ward)

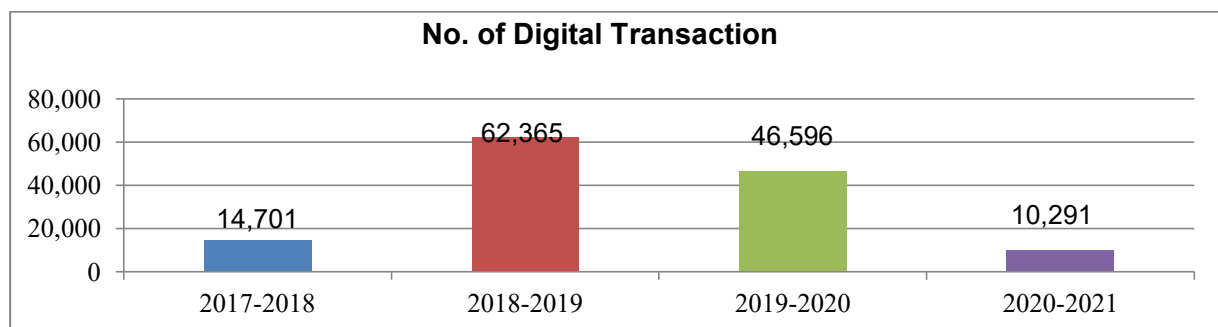
Sr. No	Year	Vaginal	Caesarean
1.	2015-16	24	17
2.	2016-17	217	142
3.	2017-18	545	374
4.	2018-19	972	642
5.	2019-20	1452	884
6.	2020-21	806	691

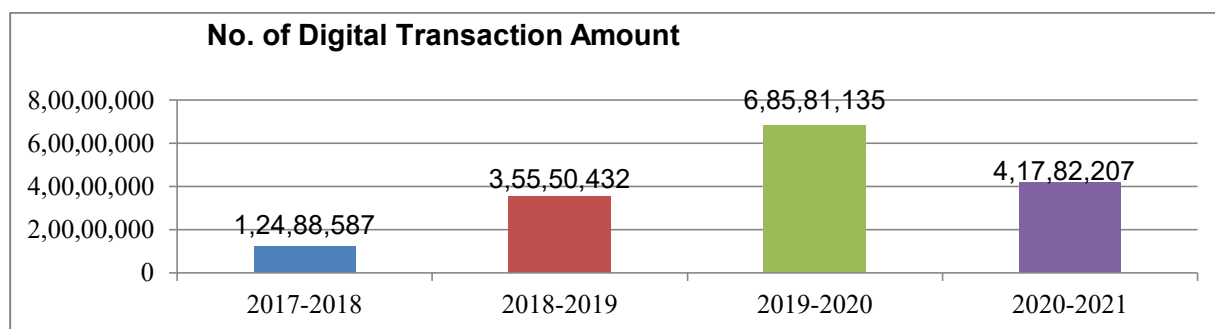


Sr. No	Year	Vaginal	Caesarean
1.	Apr-20	46	35
2.	May-20	47	45
3.	Jun-20	60	41
4.	Jul-20	74	63
5.	Aug-20	88	84
6.	Sep-20	89	67
7.	Oct-20	67	65
8.	Nov-20	74	60
9.	Dec-20	59	57
10.	Jan-21	74	73
11.	Feb-21	62	48
12.	Mar-21	66	53

Digital Data

No. of Digital Transaction

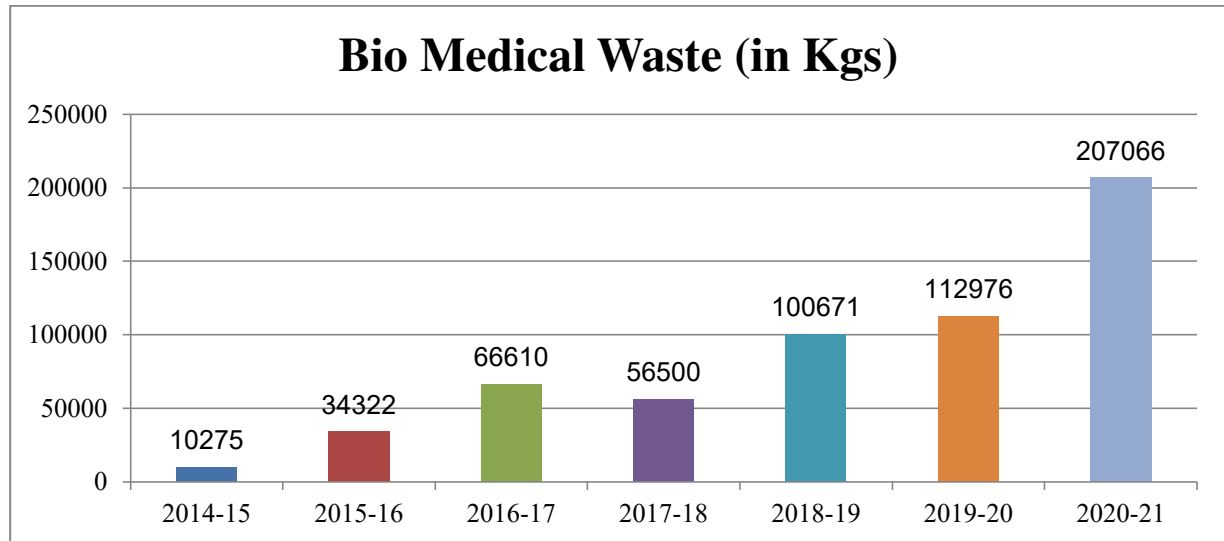


Total no. of Digital Transaction Amount

Sr. No	Year	No of Digital Txn	Digital Txn Ammount
1.	Apr-20	292	9,58,979
2.	May-20	341	15,07,941
3.	Jun-20	657	28,07,817
4.	Jul-20	884	33,13,387
5.	Aug-20	704	32,01,038
6.	Sep-20	575	23,93,407
7.	Oct-20	525	27,71,462
8.	Nov-20	667	29,13,720
9.	Dec-20	959	37,02,672
10.	Jan-21	1144	58,96,254
11.	Feb-21	1548	57,22,073
12.	Mar-21	1995	65,93,457

Bio – Medical Waste

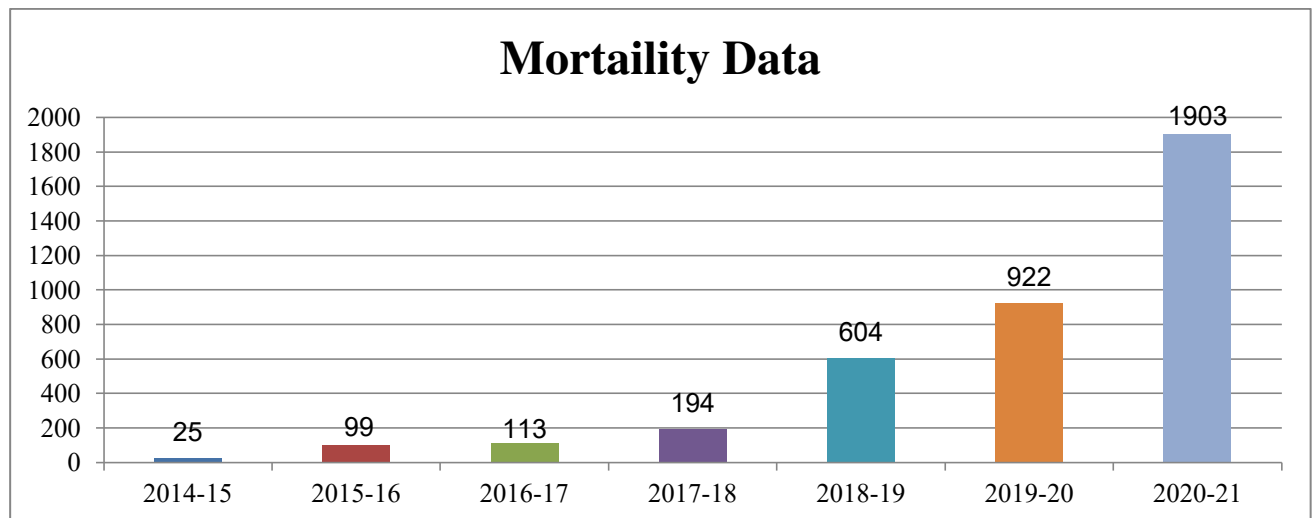
Sr. No	Year	Bio Medical Waste (in Kgs)
1	2014-15	10275
2	2015-16	34322
3	2016-17	66610
4	2017-18	56500
5	2018-19	100671
6	2019-20	112976
7	2020-21	207066



Sr. No	Month	Bio Medical Waste (in Kgs)
1	Apr -20	9,605
2	Ma -20	10,696
3	Jun -20	13,938
4	Jul -20	16,246
5	Aug -20	16,331
6	Sep -20	20,011
7	Oct -20	22,748
8	Nov -20	21,274
9	Dec – 20	21,993
10	Jan – 21	20,670
11	Feb -21	16,865
12	Mar - 21	16,689

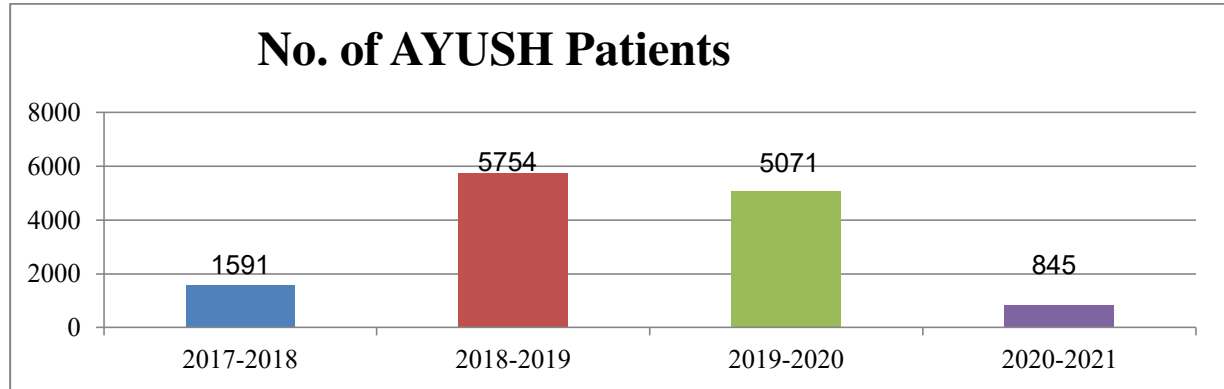
Mortality Data

Sr. No	Year	Mortality Data
1	2014-15	25
2	2015-16	99
3	2016-17	113
4	2017-18	194
5	2018-19	604
6	2019-20	922
7	2020-21	1903



Sr. No	Month	Mortality Data
1	Apr -20	56
2	May -20	81
3	Jun - 20	102
4	Jul -20	116
5	Aug -20	150
6	Sep - 20	166
7	Oct - 20	177
8	Nov -20	241
9	Dec -20	261
10	Jan -21	195
11	Feb -21	153
12	Mar -21	205

AYUSH Data



Sr. No.	Year	No. of AYUSH Patients
1	2017-2018	1591
2	2018-2019	5754
3	2019-2020	5071
4	2020-2021	845

Sr. No.	Month	No. of AYUSH Patients
1	Apr -20	0
2	May - 20	0
3	Jun - 20	16
4	Jul -20	38
5	Aug -20	41
6	Sep -20	100
7	Oct -20	109
8	Nov -20	89
9	Dec- 20	128
10	Jan -21	55
11	Feb -21	114
12	Mar -21	155

COVID – 19 SERVICES

Exemplary Role played by AIIMS JODHPUR during COVID-19

AIIMS Jodhpur has played a pivotal role in the management of COVID-19. Aggressive testing, contact tracing were done meticulously right from the beginning of the epidemic. The hospital proactively formed a taskforce for the management of COVID-19. This taskforce, under the leadership of Director & CEO and Medical Superintendent, after deliberation with concerned stakeholders swiftly formulated and implemented SOPs for managing the pandemic which spanned all the dimensions of COVID care. Critically ill patients were successfully managed by increasing the ICU beds. AIIMS Jodhpur participated aggressively in the vaccination drive from 16 January 21, right from the first day vaccines were rolled out for frontline workers.

A total of 96,869 RTPCR tests were done till 31st March 2021. A total of 8,053 samples tested positive. A total of 4419 COVID patients were admitted. 583 patients succumbed to the illness and 3783 patients were discharged. 1958 patients were admitted in Critical Covid Care Units.

Vaccination Details:

<u>COVISHIELD</u>		<u>COVAXIN</u>	
Total first dose vaccinated till 31 st Mar	Total second dose vaccinated till 31 st Mar	Total first dose vaccinated till 31 st Mar	Total second dose vaccinated till 31 st Mar
5447	2566	152	57

Medical Education at AIIMS Jodhpur

Medical Education at AIIMS Jodhpur

At AIIMS Jodhpur, faculty are engaged in continuous efforts striving their best for continuous improvement in Medical Education using innovations and novel methodologies to engage students. Following were the activities performed during the current financial year from 2020-21:

1. **UG Orientation Program (Foundation):** Based on the feedback of the students from previous batches and meetings with faculty members, we improvised the orientation program for Undergraduates. MBBS 2020 Batch joined in December 2020 and a 2 week long orientation program was conducted for 2 weeks starting from 1st Dec. The first session was in Auditorium and included parents and guardian also along with students and faculty members. Students were also shown short video about functioning and life at AIIMS Jodhpur.
2. **The new elements of Under graduate program** included “Early Clinical Exposure” which became a part of AIIMS Jodhpur model of medical education. Various aspects of this model continued like Problem based learning, Unconventional Learning (UNCLE) and Flipped Classroom even in times of COVID Pandemic.
3. **Preparation for Internship (PRINT) Program:** 2016 Batch started internship on 1st January 2020 and were oriented to team working, professionalism, waste management, record keeping and various aspect to facilitate their working as a doctor.
4. **PG Orientation Program:** After induction at AIIMS, Jodhpur, there is an orientation program for post graduates in all the departments wherein topics like professionalism, medical ethics, communication skills, Computerized Patient Management system and orientation to the campus, medical college and hospital is done. This is done as students joining the post graduate courses are from different medical colleges of the country and they are brought at a common platform They are also apprised about the exam pattern and thesis guidelines. Additionally, they had a session on “Residents as Teachers” which is an important part of training. PG orientation program was conducted in 1st week of October 2020 onwards and in 2nd week of March 2021 for batches who joined in July 2020 and Jan 2021 sessions respectively.
5. **Setting up of the Online Education at AIIMS Jodhpur:** In continuation of the online education program started in March 2020, the program successfully continued to provide online medical education to different semesters of MBBS in the present year.
6. In addition, AIIMS Jodhpur continued to provide medical education to **various regional government medical colleges** – Bhilwara, Pali and Ajmer through the medium of live streaming of online classes held for the students of the institute.

7. **Medical Education support to AIIMS Rajkot:** AIIMS Jodhpur being the mentor institute for AIIMS Rajkot conducted the orientation program for MBBS Batch 2020 admitted at AIIMS Rajkot including Basic Life Support workshop. AIIMS Jodhpur also provided Early clinical exposure sessions held for first year MBBS students. The sessions involved faculty members from clinical departments providing early exposure to clinical sciences through interactive sessions. The same was operationalised via online mode.
8. **Joint program in Medical technologies (Masters in Medical tech, Dual degree, PhD program):** This unique program was initiated as a collaborative effort between AIIMS Jodhpur and IIT Jodhpur. The program was initiated with a vision to develop new technologies in healthcare which can be utilised for the purpose for better healthcare delivery. The program is the first of its kind in the country to bring together experts from the fields of medicine and engineering, thus creating a unique opportunity for participants in the area of healthcare innovation. First Batch-2020 has 26 students.
9. **Online Clinical Grand Rounds and Clinicopathological conference:** The institute transitioned to online CGRs and CPCs in view of the pandemic situation. Also, various clinical cases of significance were discussed on this forum via morbidity and mortality meets. The programs were conducted twice a week through online mode enabling faculty members and post graduate students to be appraised of recent developments and advances in different domains of medicine.
10. **Guest lectures:** In addition to online CGRs and CPCs, online guest lectures by eminent experts were held for a variety of topics ranging from recent advances in COVID-19 diagnostics & management to publication ethics and authorship guidelines. Post graduate students and interns were sensitized towards emerging best practices in different domains of the practice of the art of medicine.
11. Our Institute is also a part of **Institute Innovation Council** by Ministry of Human Resource Development.

Our students, both UG and PGs, continue to bring laurels to our Institute.

AIIMS Jodhpur is the only Institute among new AIIMS and only one in Rajasthan to get listed as the 23rd Best Medical Institute in the country. Also, AIIMS Jodhpur was adjudged the second highest scoring college in list of institutes set up after the year 2000.



Learning in the Time of Covid

The 26th India Today Best Colleges Survey, spread across 14 disciplines, delves into how institutes straddled the shift to digital education during the pandemic

TOP 3 GAINERS

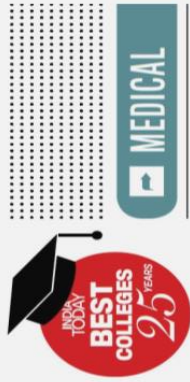
Colleges that made the biggest leaps since last year

RANK	COLLEGE	CITY	RANK IN 2021	RANK IN 2020
1	ALL INDIA INSTITUTE OF MEDICAL SCIENCES (AIIMS)	Jodhpur	23	25
2	INSTITUTE OF MEDICAL SCIENCES, Varanasi	Varanasi	6	7
3	JAWAHARLAL NEHRU MEDICAL COLLEGE, ALIGARH MUSLIM UNIVERSITY (AMU)	Aligarh	18	19

TOP 10 GOVERNMENT COLLEGES WITH LOWEST FEES

RANK	COLLEGE	CITY	COURSE FEE* FOR ENTIRE DURATION (₹)
1	ARMED FORCES MEDICAL COLLEGE (AFMC)	Pune	0*
2	ALL INDIA INSTITUTE OF MEDICAL SCIENCES (AIIMS)	Jodhpur	1,350
3	ALL INDIA INSTITUTE OF MEDICAL SCIENCES (AIIMS)	New Delhi	1,628
4	ALL INDIA INSTITUTE OF MEDICAL SCIENCES (AIIMS)	Bhubaneswar	5,856
5	ALL INDIA INSTITUTE OF MEDICAL SCIENCES (AIIMS)	Raipur	5,856
6	LADY HARDINGE MEDICAL COLLEGE, NEW DELHI	New Delhi	6,775
7	MAULANA AZAD MEDICAL COLLEGE (MAMC)	New Delhi	19,265
8	UNIVERSITY COLLEGE OF MEDICAL SCIENCES	New Delhi	22,930
9	JAWAHARLAL INSTITUTE OF POSTGRADUATE MEDICAL EDUCATION AND RESEARCH (JIPMER)	Puducherry	34,500
10	OSMANIA MEDICAL COLLEGE	Hyderabad	52,250

*Course fee + Tuition fee + other fees
Note: AFMC does not charge any fees



MEDICAL

TOP 10 EMERGING COLLEGES

Highest-scoring colleges among those set up in or after 2000

RANK 2021	COLLEGE	CITY
1	VARDHMAN MAHAVIR MEDICAL COLLEGE,	New Delhi
2	ALL INDIA INSTITUTE OF MEDICAL SCIENCES (AIIMS),	Jodhpur
3	ALL INDIA INSTITUTE OF MEDICAL SCIENCES (AIIMS),	Bhubaneswar
4	ARMY COLLEGE OF MEDICAL SCIENCES,	New Delhi
5	ERA'S LUCKNOW MEDICAL COLLEGE & HOSPITAL,	Lucknow
6	AMRITA SCHOOL OF MEDICINE,	Kochi
7	ALL INDIA INSTITUTE OF MEDICAL SCIENCES (AIIMS),	Raipur
8	SIKKIM MANIPAL INSTITUTE OF MEDICAL SCIENCES,	Gangtok
9	DR RAJENDRA PRASAD GOVERNMENT MEDICAL COLLEGE,	Kangra

Student Welfare Activities

Students' Welfare Activities

AIIMS Jodhpur is committed for a holistic development of the students so that he or she should possess good moral characters which is the manifestation of high ethical values and has intellectual knowledge and professional acumen to enable him/her to be globally competent and socially and environmentally conscious. Along with rigorous academic training we encourage them to pursue extra-curricular activities to enable him/her to interact and communicate with others, work in a team, coordinate and cooperate with others, etc.

The following extracurricular activities for the students were held during the period from 01 April 2020 to 31 March 2021.

1. International Day of Yoga:-

Ministry of AYUSH, Government of India had arranged online Yoga session on 21st June 2020. An introductory session was also telecast on Doordarshan. It was specially designed to be adoptable by majority of the people irrespective of age and gender and could be learnt through simple training session. The official hashtag # IdoYogaAtHome was given for Yoga day – 2020.

2. "HEARTFULNESS ESSAY EVENT -2020":-

Shri Ram Chandra Mission had organized an online event "HEARTFULNESS ESSAY EVENT -2020" in collaboration with United Nation Information Centre (UNIC) and Heartfulness Education Trust from 4th September to 19th September 2020. Participants of our Institute had registered online at www.younghearts.org and won E- certificates.

3. The Saraswati Pooja :-

The program was organized on 16 February 2021 at AIIMS-Jodhpur on the occasion of Basant Panchami to worship Goddess Saraswati, the symbol of knowledge and wisdom. The students participated in morning Pooja. Proper social distancing and all COVID 19 precautions were taken during the entire programme. In the evening, students gathered for a cultural musical evening in the college Auditorium where voluntary participation were encouraged. It's a much awaited event in which students participates enthusiastically.

4. Farewell function:-

Farewell for MBBS Batch 2015 was celebrated by MBBS Batch-2016 on 2nd January, 2021. During the entire proceedings all COVID 19 precautions were taken. Adequate social distancing was maintained in the college Auditorium during the event.

5. Fresher's day-

"Fresher's Day" for MBBS batch- 2020 was held on 25th February 2021 in the College Auditorium. The event involved participation and performances of fresher students individually and in groups. Also Mr. and Miss fresher were selected by a panel of judges comprising of faculties chosen by the senior batch. Proper social distancing and all COVID 19 precautions were taken during the entire programme.

6. Mentorship program

As a new entrant to the professional courses (MBBS and B.Sc. Nursing) at the AIIMS Jodhpur student have a unique opportunity to be mentored by a faculty member and a senior medical student.

We have started and successfully conducted the mentorship program for all the batches since our 1st MBBS batch in 2012. Presently we have 'Formal mentorship program' for 1st and 2nd year MBBS students (1st to 4th semester), in which each student has been assigned a faculty mentor and each faculty has been assigned 3-4 students, and they are advised to have at least one mentorship meeting in a fortnight. From 5th semester onward they become part of 'Open mentorship program', in which whenever they need they can go to any faculty or they can contact coordinator mentorship program at their convenience. All the students and faculty are part of this vibrant program. We have received good feedback from students, faculty mentors, college administration and students' parents. It has substantially benefitted students, faculty and institution.

We have also started peer mentorship program along with existing faculty mentoring for 1st and 2nd year students. Near-Peer mentors are undergraduate students in their 5th to 9th semesters, who have volunteered for mentoring their junior colleagues. They are our most valuable resource and eminently suited to be mentors because they still recall the difficulties they faced as new students and their assistance can make college life easier and more enjoyable for new entrants.

We have also designed guidelines for mentees and mentors. For better coordination, smooth functioning and liaison, we are regularly having meetings with faculty and peer mentors and seeking feedback from mentees.

7. Students counseling services

Faculty of Psychiatry department is providing counseling to our students for their emotional, academic and other psychological problems. We also have a Student Counselor for baseline assessment of students' personality along with ongoing interaction, personality development and counseling services. We also organize 'Personality development program' for our students and receive their regular feedback for better coordination, services and harmony. A number of undergraduate and Postgraduate students have availed counseling service for their emotional, academic and other psychological problems during April 2020 - March 2021.

The institute and administration understands its responsibility of creating an environment well equipped with a mechanism beneficial for betterment and sustainable development of students and is constantly working for it.

Anti-Ragging Committee

AIIMS, Jodhpur constituted an Anti-Ragging Committee as per Supreme Court Guidelines.

The following were the members of the Committee:

- i) Prof. Abhay Elhence – Chairperson
- ii) Prof. Deepak Jha – Member
- iii) Prof. Naveen Sharma – Member
- iv) Dr. Pushpinder Khara - Member
- v) Dr. Archana Bajpayee – Member
- vi) Dr. Aasma Nalwa – Member
- vii) Ms. Mamta – Member
- viii) Representative of Local media: Mr. Praveen Dhingra, Dainik Bhaskar
- ix) Representative of Civil Society : Dr. (Mrs.) Vandana Mathur and Ms. Shilpa Mridul
- x) Representative of State Police: Ms. Neeraj Sharma RPS ACP
- xi) Legal advisor: Dr. Pramila Acharya

MBBS Students:

Batch 2016: Abhinandan Kumar and Sanjoli Gupta

Batch 2017: Adarsh Kumar and Himanshi Bhati

Batch 2018: Mudit S Lawaniya and Mithali Malav

Batch 2019: Gautam Gupta and Harleen Kaur

Nursing students:

Batch 2017: Kanta and Deepika K

Batch 2018: Neelam Choudhary and Vandana

Batch 2019: Ritika Jajoria and Annu Kumari

AIIMS, Jodhpur observes zero tolerance for ragging and strict measures are in place to prevent ragging.

The committee members take regular rounds and ensure that the interaction of senior and junior students is under cordial environment.

Central Facilities

Central Facilities

Central Library

The Central Library at the Institute houses various books on medical and nursing subjects along with a range of books of Hindi and English literature to cater to the extracurricular reading habits of the students, staff and Faculty. Dedicated computer terminals for the use of Faculty and students are available. The Library is Wi-Fi enabled. Collection of more than 3,390 medical text books and reference books of various specialties and about 500 books on Nursing are currently available. More than 1,136 online journals have been subscribed to by the library including 243 e-journals from the ERMED consortium (from NML, New Delhi), e-journals from Clinical Key complete database and BMJ Complete E-Resources Package and ASCO Digital Library journals. Subscription to 'UpToDate', which is an evidence based clinical decision support resource, was started in March 2017 and is continuing to support the clinicians and students in their endeavor to be au courant with the latest knowledge and offer best possible treatment to the patients. Lippincott Advisor & Lippincott Procedures was subscribed to in 2018. About 400 diverse texts comprising of an eclectic mix of English and Hindi books and novels for general reading are available. Several national and regional newspapers and periodicals of general interest are also available. The library has a separate wing for e-library with 31 workstations wherein different subjects are taught using simulation and software modules. The Library provides reprography service. CCTV cameras have been installed in the Library to provide a secure reading environment. From time to time, the Central library actively organizes user orientation and awareness cum training programs for the Faculty and students. Several webinars by different organizations during Covid-19 helped the Central Library to cater to the academic needs of one and all.

Central Mess Services

A Central Mess facility is functioning in the vicinity of the hostel and is comprised of 5 dining halls which provides food of mixed culture and has a seating capacity of about 500 persons. The Mess caters to all MBBS, Nursing students including PGs & SRs also staffs and provides clean and hygienic food. A Mess Committee, comprising of 13 faculty members and 10 Student representatives is functioning to look after the day-to-day functioning and mess related issues including daily menu, hygiene and quality of food.

A 24-hour canteen is also functioning to provide a different milieu to the students and to help them during examination time.



Meal Time in the hostel mess

Sports facilities:

Outdoor sports

The Institute has a large size ground for athletics, field hockey, cricket and football. The ground has a covered spectator seating arena as well. The latter has the capacity to comfortably accommodate around 300 spectators at a time. A practice cricket net area has also been developed. A one of its kind calisthenics facility is also available in the outdoor arena for various body weight exercises.

The entire outdoor area has underground sprinkler facilities, excellent ground drainage and high mast flood lights. An outdoor basketball court, a cemented lawn tennis court and two indoor badminton courts are also part of the facility. A play area comprising child friendly swings is present in the residential premises. These facilities are being regularly used by the students, faculty and staff of the Institute.

Synthetic courts for tennis, volleyball, rink hockey/skating and basketball are being constructed.

Indoor sports

Facilities are present for table tennis, chess and carom as indoor sports.

All equipments and sports items are provided to the students by the Institute.



Exhibition football match between AIIMS and Railways Employees



Flood lit sports field



Launching of jersey



Team in th field



Calisthenics facilities being used by students



Calisthenics work out area

Anti–Sexual Harassment Committee

The Members of the committee are:

S.No.	Name	Post
1	Dr. Pratibha Singh	Chairperson
2	Dr. Shilpi Gupta Dixit	Member
3	Prof. J. Vajpai	Member
4	Prof. Raj Rani	Member
5	Dr. Puneet Setia	Member
6	Dr. Jagdish P. Goyal	Member
7	Dr. Aliza Mittal	Member
8	Ms. V Bhansali	Member
9	Mr. Manish K. Srivastava	Member Secretary

The committee strives for making a safe and humane condition at the Institute premises where women can work with dignity. During the year 2020-21 one new case was received and report submitted. The term of the committee was till 16th October 2020.

Internal Complains Committee on sexual harassment of women at work place.

Dr. Pratibha Singh	Chairperson
Dr. Shilpi Gupta Dixit	Member
Ms. Vandana Pandey	Member
Prof. J. Vajpai	Member.
Dr. Pramila Acharya	Member
Dr. Tanuj Kanchan	Member
Dr. Dushyant Gehlot	Member Secretary

The committee was formed on 17th October 2020. During the year 2020-21 one new case was received and report submitted.

Social Outreach Cell

Social Outreach Cell, All India Institute Medical Sciences, Jodhpur, Rajasthan, India

About the Social Outreach Cell

Social Outreach Cell at All India Institute of Medical Sciences was constituted on 25th July 2019 for improving and extending the reach such as health education, case management, basic health screening, and facilitating access to services. These activities directly and indirectly improve health outcomes of individuals and communities

Following are the members of Social Outreach Cell:

S.No.	Name	Department	Social Outreach Cell
1	Prof. M.K. Garg	General Medicine	Convener
2	Prof. Raj Rani	College of Nursing	Member
3	Mr N.R. Bishnoi	Dy. Director (Admin.)	Member
4	Dr Jagdish Goel	Pediatrics	Member
5	Dr Dharmveer Yadav	Biochemistry	Member
6	Dr Ramkaran Chaudhary	General Surgery	Member
7	Dr Deepak Kumar	General Medicine	Member
8	Dr Manoj Kumar Gupta	Community Medicine & Family Medicine	Member
9	Dr Pankaj Bhardwaj	Community Medicine & Family Medicine, Coordinator, School of Public Health	Coordinator

From time to time, Social Outreach Cell receives requests from schools, Government organizations as well as NGOs etc. for organizing health outreach camps for screening as well as health awareness. The Cell coordinate between different departments for organizing these outreach activities.

Any proposal for an outreach activity received in any specialty/ department is routed through this cell to the Director, AIIMS, Jodhpur. The cell maintains all the record of such activities and take necessary permissions for conducting these outreach camps.

Social outreach activities under AIIMS Jodhpur are conducted either as an activity initiated from the individual departments or as a request received from different organizations outside AIIMS, which are intending to organize screening, diagnostics, treatment or any related health activity (Awareness & health Promotion) in collaboration with AIIMS Jodhpur. All such activities are communicated via e-mail/ hard copy to Social Outreach Cell. The prescribed proforma- A, is available on the Institution website. Any other department from AIIMS Jodhpur receiving such request forward the request to Social Outreach Cell, in the prescribed proforma-B.

Following activities have been conducted by Social Outreach Cell from 1 April 2020 – 31 March 2021.

Sr. No.	Date	Place	Activity	Specialty	Beneficiaries
1	09/8/2020	JNV, Pachpadra, Barmer	Blood Donation Camp	Blood Bank Jodhpur	100
2	17/8/2020	Organized by Jal Bhagirathi Foundation at Gajesingh Nagar, Shergarh	health awareness camp about COVID -19	School of Public Health, AIIMS Jodhpur	Local villagers of Gajesingh Nagar, Shergarh
3	8/03/2021 – 13/03/2021	AIIMS Premises (E- Cell)	Celebration of World Glaucoma Week collaboration with Lions Club following activities were be done: <ol style="list-style-type: none"> 1. Flag Ceremony of Vision Chariot/Drishti Rath 2. Inaugural Ceremony followed by a brief talk on Glaucoma & role play 3. Lecture on Glaucoma at Lions Hospital 4. Radio Talk 5. Talk on Door darshan 6. Patient survey & Glaucoma awareness and screening 	Dept. of Ophthalmology, AIIMS Jodhpur	Local people of Jodhpur, AIIMS Faculty/Residents/ Staff

Research Section

Composition:

S. No.	Name	Designation
1.	Dr. Praveen Sharma	Chairman – Basis & Translation Research (Till 31 st July, 2020)
2.	Dr. Vijaya Lakshmi Nag	Chairman – Basis & Translation Research (01 st August, 2020 to 21 st December, 2020)
3.	Dr. Pankaj Bhardwaj	Officiating Dean (Research) 09 th January, 2021 onwards & Vice-Dean (Research) 01 st August, 2020 onwards
4.	Dr. Jay Karan Charan	Sub-Dean (Research) 06 th August, 2020 onwards Assistant Dean (Research) (Till 05 th August, 2020)
5.	Dr. Tanuj Kanchan	Assistant Dean (Research) (Till 30 th July, 2020)
6.	Dr. Deepak Kumar	Assistant Dean (Research) (04 th August, 2020 onwards)
7.	Dr. Neeraj Gupta	Assistant Dean (Research) (till 30 th July, 2020)
8.	Dr. Prasenjit Mitra	Assistant Dean (Research) (31 st July, 2020 onwards)
9.	Dr. Abhay Elhence	Member (Research)
10.	Dr. Poonam Elhence	Member (Research)
11.	Dr. Abhinav Dixit	Member (Research)
12.	Dr. Nikhil Kothari	Member (Research)
13.	Dr. Sumit Baneerjee	Member (Research)
14.	Dr. Ravisekhar Gadepalli	Member (Research)
15.	Dr. F. S. K Brar	Chairperson, Institute Human Ethics & Drugs Trial Committee
16.	Dr. Surajit Ghatak	Chairperson, Ethics Sub Committee (Student Research)
17.	Dr. Sneha Ambwani	Chairperson, Drugs Trial Sub-Committee

The Research Section facilitates various research activities in-house and outside the Institute. The Research Section formulates the guidelines for research including Intramural, Extramural, STS, Self-Funding projects and also reviews the projects of Faculty and students and further provides format for the same.

Research Section also promotes the Inter-Institutional Collaborations and develop modalities for such collaborations. Recently Research Section has facilitated signing of MoU/Clinical Trial Agreement, which are as follows.

S. No.	Date of MoU/Agreement	Title of MoU/Clinical Trial Agreement	Between the Institutions	
1.	23-Apr-20	A Phase II, Open Label Randomized Control Trial to assess the safety and Efficacy of Convalescent Plasma to Limit COVID-19 Associated Complications in Moderate Disease	All India Institute of Medical Sciences, Jodhpur	ICMR, New Delhi
2.	24-Apr-20	Clinical Characteristics and Virological Clearance among SARS Cov-2 Infected patients in India- An Observational study of COVID-19 Patients enrolled in WHO Solidarity Trial.	All India Institute of Medical Sciences, Jodhpur	ICMR-NARI, Pune
3.	5-May-20	Research in Various Neurological Disorders	All India Institute of Medical Sciences, Jodhpur	Deakin University, Victoria
4.	12-May-20	HTA of National Stroke care Registry Programme- Development of Hospital Based Stroke Registries (HBSR) in different regions in India	All India Institute of Medical Sciences, Jodhpur	NCDIR-ICMR, Bengaluru
5.	11-Jun-20	Research, Training Programs, Collaborative Programs on Education and Faculty & Students Exchange.	All India Institute of Medical Sciences, Jodhpur	National Institute of Ayurveda, Jaipur
6.	6-Aug-20	Determining the utility of cerebrospinal fluid free light chains (kappa) quantification for diagnosis of multiple sclerosis	All India Institute of Medical Sciences, Jodhpur	Amrita Institute of Medical Sciences, Kochi
7.	13-Aug-20	Academic research training purpose	All India Institute of Medical Sciences, Jodhpur	National Health Systems Resource Centre
8.	20-Aug-20	National Clinical Registry for COVID-19 - India	All India Institute of Medical Sciences, Jodhpur	ICMR, New Delhi
9.	4-Sep-20	Academic research training purpose	All India Institute of Medical Sciences, Jodhpur	NIPER- Ahmedabad

10.	15-Sep-20	Risk factors for SARS-CoV-2 infection among health care workers in India: A Case Control Study	All India Institute of Medical Sciences, Jodhpur	Amrita Vishwa Vidyapeetham (AVVP), Kochi, Kerala
11.	23-Dec-20	Academic research training purpose	All India Institute of Medical Sciences, Jodhpur	Dept of Information Technology & Communication, Government of Rajasthan
12.	5-Mar-21	Academic research training purpose	All India Institute of Medical Sciences, Jodhpur	National Institute of Pharmaceutical Education and Research (NIPER), Guwahati, Assam
13.	8-Mar-21	Fluid Robotics	All India Institute of Medical Sciences, Jodhpur	Fluid Robotics Pvt. Ltd.

A total of 19 Intra-mural projects by the faculty members with a maximum grant of Rs. 5 lacs each were approved during the year.

S. No	Project/File no.	Principal Investigator	Designation	Department	Name of Project Title
1.	AIIMS/RES(07)/2020/424	Dr. Subash Soni	Assistant Professor	Surgical Gastroenterology	Pilot study to correlate pancreatic remnant volume following pancreaticoduodenectomy with pancreatic exocrine and endocrine insufficiency.
2.	AIIMS/RES(07)/2020/425	Dr. Priyanka Khaturia	Assistant Professor	Obstetrics and Gynaecology	Expression and association of Micro RNAs(miR-424 and miR-519d) in pregnancies complicated by Fetal growth restriction via KLF and MTI-MMP(MMP-14) pathways
3.	AIIMS/RES(07)/2020/426	Dr. Deepak Vedant	Assistant Professor	Pathology	Correlation of HER2 neu gene status by Fluorescence in situ hybridization (FISH) and immunohistochemistry in invasive breast carcinoma with special emphasis on equivocal Her 2 neu cases.
4.	AIIMS/RES(07)/2020/429	Dr. Bharat kumar	Assistant Professor	General Medicine	A study of Metabolic Syndrome and its association with Inflammatory Markers & Insulin resistance in school

					going children in western Rajasthan
5.	AIIMS/RES(07)/2020/430	Dr. Kuldeep Singh	Professo & Head	Pediatrics	Using audio-visual "Nuddegs" to Optimize healthcare Delivery and Utilization
6.	AIIMS/RES(07)/2020/432	Dr. Vaibhav Kumar varshney	Assistant Professor	Surgical Gastroenterology	MicroRNA profiling in plasma and its correlation with tumour tissue and clinic-pathological parameters in periampullary carcinoma
7.	AIIMS/RES(07)/2020/433	Dr. Satya Prakash Meena	Assistant Professor	General Surgery	Fibrin Glue application in pilonidal sinus: A Prospective observational study.
8.	AIIMS/RES(07)/2020/437	Dr. Shailja Sharma	Associate Professor	Biochemistry	Effect of lead levels on Plasmacytoid Dendritic Cell development and function in school going children of Jodhpur for AIIMS Intramural grant consideration
9.	AIIMS/RES(07)/2020/446	Dr. Pawan Kumar Dixit	Assistant Professor	Burn and Plastic Surgery	Vascular Basis of expandable forearm muscles for proximal and distal based muscle flaps
10.	AIIMS/RES(07)/2020/448	Dr. Rahul Choudhury	Assistant Professor	Trauma and Emergency	To Assess the cardiac remodelling in patients undergoing surgical management for mitral valve diseases with the application of speckle tracking echocardiography
11.	AIIMS/RES(07)/2020/450	Dr. Varuna Vyas	Assistant Professor	Pediatrics	Immuno-Clinical Characterization of Diabetes Mellitus in Children and Adolescents and their distribution in time and space

12.	AIIMS/RES(07)/2020/451	Dr. Anil Budania	Assistant Professor	Dermatology Venereology & Leprology	Profile and treatment outcome of patients presenting with urethritis at AIIMS, Jodhpur: A
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					Prospective study
13.	AIIMS/RES(07)/2020/452	Dr. Surendra Patel	Assistant Professor	Trauma and Emergency (Anaesthesia)	Role of Femoral Intima-media Thickness in Risk prediction of Coronary artery disease, its association with markers of inflammation and atherosclerosis and its role in accessing severity of coronary artery disease
14.	AIIMS/RES(07)/2020/453	Dr. Mukesh Kumar Swami	Assistant Professor	Psychiatry	Assessment of cognitive functions and functional disability among symptomatic and remitted patients with depression
15.	AIIMS/RES(07)/2020/456	Dr. Ankur Sharma	Assistant Professor	Trauma and Emergency (Anaesthesia)	Utility of Pentraxin-3 and Presepsin in prognosis of sepsis in critically ill patients
16.	AIIMS/RES(07)/2020/458	Dr. Maya Gopala Krishnan	Assistant Professor	Medicine	Clinical effectiveness and patient related outcomes of "Treat to target" strategy in patients of Rheumatoid arthritis patients at AIIMS Jodhpur: A Prospective interventional study
17.	AIIMS/RES(07)/2020/460	Dr. Atul Kaushik	Assistant Professor	Cardiology	Pattern of Ambulatory blood pressure Monitoring Values among resident medical doctors and its correlation with serum melatonin, cortisol and hs CRP levels
18.	AIIMS/RES(07)/2020/461	Dr. Satyendra Khichar	Assistant Professor	Medicine	Prevalence of Vitamin D deficiency in school going children in western Rajasthan -A cross sectional observational study

19.	AIIMS/RES(07)/2020/462	Dr. Pooja Ojha	Assistant Professor	Physiology	Quantitative sensory testing of allodynia in migraine: Its association with endogenous sex hormones & TRPV1 expression
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Collaborative Research Project on COVID-19:

S. No.	Principal Investigator	Designation	Department	Project Title	Name of Collaborative Institute
1.	Dr. Neeraj Gupta	Additional Professor	Neonatology	Outcome of infants born to COVID-19 positive mothers: A Prospective cohort study	CSIR-IGIB

A total of 10 Intra-mural projects on COVID-19 by the faculty members were approved during the year.

S. No.	Principal Investigator	Designation	Department	Project Title	Budget
1.	Dr. Mahendra Kumar Garg Dr. Vidhi Jain	Professor & Head Assistant Professor	General Medicine Microbiology	Status of Seropositivity among asymptomatic front-line workers during the lockdown period due to COVID-19 pandemic in Jodhpur	₹ 17,50,000/-
2.	Dr. Vijaya Lakshmi Nag	Professor & Head	Microbiology	Viral Load estimation & T-cell counts in predicting severity of COVID-19	₹ 10,00,000/-
3.	Dr. Praveen Sharma Dr. Mithu Banerjee Dr. Prasenjit Mitra	Professor Additional Professor & Head Assistant Professor	Biochemistry	Cytokine profile mapping for severity assessment of COVID-19	₹ 10,00,000/-

4.	Dr. Ravisekhar Gadepalli	Associate Professor	Microbiology	Viral RNA Shedding and Transmission Potential of Asymptomatic & Paucisymptomatic COVID-19 Infections. Load estimation & T- cell counts in predicting severity of COVID-19	₹ 5,00,000/-
5.	Dr. Purvi Purohit Dr. Dharmveer Yadav Dr. Shrimanjanath Sankangaudar	Additional Professor Associate Professor Assistant Professor	Biochemistry	Analysis of Trace elements, Complement factors and Coagulation Profile in Clinical outcome of COVID-19 patients- a prospective case control study.	₹ 5,00,000/-
6.	Dr. Akhil Dhanesh Goel	Assistant Professor	Community Medicine & Family Medicine	Quantiferon-TB GOLD (IGRA) levels and Clinical Outcomes in COVID-19 Patients.	₹ 1,65,000/-
7.	Dr. Mithu Banerjee	Additional Professor	Biochemistry	Preparation of directory of treated patients of SARS- COVID19 for Convalescent plasma therapy based on seroprevalence.	₹ 2,00,000/-
8.	Dr. Ravisekhar Gadepalli	Associate Professor	Microbiology	Unique, Simple and Rapid method of RNA Extraction to detect COVID- 19 by RT-qPCR.	₹ 2,00,000/-

9.	Dr. Naveen KH	Assistant Professor	Community Medicine & Family Medicine	Effect of tele yoga on burnout, mental health and immune markers of Health Care Workers involved in COVID-19 duty: a pilot randomized controlled trial	₹ 3,17,750/-
10.	Dr. Vikran Vishwajeet	Assistant Professor	Pathology	Evaluation of ultrastructural fundings in clinical autopsies in COVID-19 deaths	₹ 1,60,000/-

Extramural Research Project / Multi-Centric Project/Clinical Trial Projects:

S. No.	Title	PI from AIIMS Jodhpur	Designation	Department	Funding Agency	Funding (Received/ Sanctioned)
1.	Development of an AI platform for Human Health	Dr. Surajit Ghatak	Professor & Head	Anatomy	Ministry of electronics and information technology (MELTY)	₹ 50,00,000/-
2.	Genetic Predisposition to methylglyoxal (MGO) toxicity and its association with targeted metabolites and glyco-oxidative stress in diabetic nephropathy	Dr. Maithali Karpaga Selvi N.	Assistant Professor	Biochemistry	SERB, New Delhi	₹ 37,20,640/-
3.	A Phase III, randomized, multi-center, double blind, placebo controlled, study to evaluate efficacy, safety and immunogenicity of Novel Corona Virus -2019-nCov vaccine candidate of M/S Cadila Healthcare Limited	Dr. Pankaj Bhardwaj	Additional Professor	CM&FM	Cadila Healthcare Ltd.	₹ 31,61,786/-

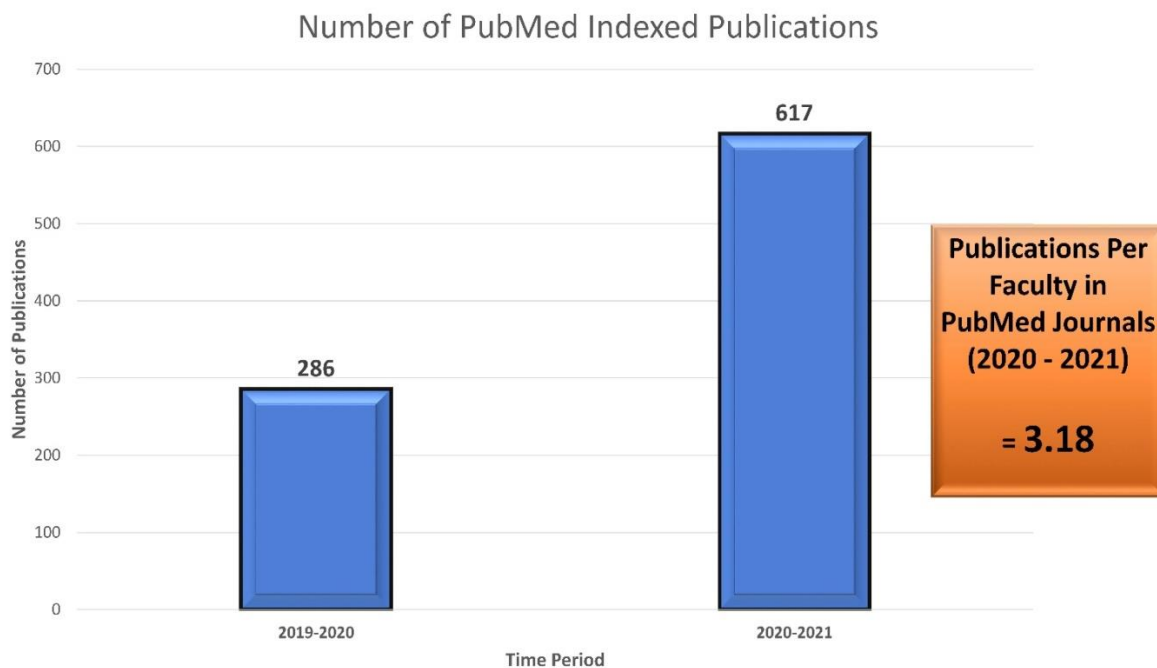
4.	Evolution of efficacy and safety of Ayurveda Intervention (AYUSH-64) add on therapy for patients with COVID-19 INFECTION (stage-1): An open labelled .Parallel group, randomized controlled clinical trial	Dr. Pankaj Bhardwaj	Additional Professor	Community Medicine and Family Medicine	Ayurveda Jaipur	₹ 5,00,000/-
5.	National Clinical registry for COVID-19 India	Dr. Pankaj Bhardwaj	Additional Professor	Community Medicine and Family Medicine	ICMR, New Delhi	₹ 56,24,000/-
6.	Risk factors for SARS-CoV-2 infection among health care workers in India: A Case Control Study	Dr. Pankaj Bhardwaj	Additional Professor	Community Medicine and Family Medicine	WHO-ICMR	₹ 66,55,000/-
7.	WHO ICOPE (Integrated Care of Older Persons) model of assessment, care and referral of older persons in a low resource rural-tribal primary care setting in India.	Dr. Pankaj Bhardwaj	Additional Professor	Community Medicine and Family Medicine	Asian Centre for Medical Education Research	₹ 1,00,000/-
8.	Evaluation of antiviral activity of a natural phytoconstituents based mouthwash	Dr. Vibhor Tak	Associate Professor	Microbiology	BITS Pilani, Hydrabad	₹ 5,50,000/-
9.	Comparative assessment of various models of mobile medical units for provision of service in remote and underserved areas	Dr. Pankaja Ravi Raghav	Professor & Head	Community Medicine and Family Medicine	AIIMS, New Delhi	₹ 1,18,947/-

10.	Evaluation of the effectiveness of the national health mission (NHM) policy of mainstreaming and co-locating AYUSH within primary health care	Dr. Pankaja Ravi Raghav	Professor & Head	Community Medicine and Family Medicine	NHSRC Ministry of Health & Family Welfare	₹ 20,53,800/-
11.	Expansion of Antimicrobial Stewardship (AMSP) and Infection Control Program (ICP) of ICMR in secondary care hospital	Dr. Vijaya Lakshmi Nag	Professor & Head	Microbiology	ICMR, New Delhi	₹ 40,74,000/-
12.	Iron Status in Healthy Term Breastfed Infants in Early Infancy: A Prospective Cohort Study	Dr. Neeraj Gupta	Additional Professor	Neonatology	ICMR, New Delhi	₹ 46,87,945/-
13.	Mitochondrial dysfunction in children due to heat stress, a Potential cause of acute encephalitis syndrome.	Dr. Arun K Singh	Professor & Head	Neonatology	ICMR, New Delhi	₹ 1,17,83,280/-
14.	Unnat Bharat Abhiyan (UBA)	Dr. Kuldeep Singh	Professor & Head	Pediatrics	IIT, New Delhi	₹ 50,000/-
15.	HTA of National Stroke care Registry Programme -Development of Hospital Based Stroke Registries (HBSR) in Defferent regions in india	Dr. Samhita Panda	Additional Professor & Head	Neurology	NCDIR-ICMR	₹ 5,00,000/-
16.	An Observation study of prevalence of vitamin D deficiency in pregnant Indian females and its association with gestational diabetes mellitus	Dr. Manu Goyal	Assistant Professor	Obstetrics & Gynecology	DHR	₹ 36,46,277/-
17.	Setting up of registry and targeted exome sequencing in children with renal tubular disorders	Dr. Aliza Mittal	Assistant Professor	Pediatrics	ICMR, New Delhi	₹ 1,58,66,760/-

18.	Multimodal Approaches to Develop Potential Therapeutic Leads Targeting Hot Spots of Duchenne Muscular Dystrophy for clinical trail	Dr. Kuldeep Singh	Professor and Head	Pediatrics	SERB, New Delhi	₹ 12,92,000/-
19.	Effect of "Kriya Yoga" on brain oscillations and perceived stress in health care providers, during Pandemic COVID19: A Pilot Study.	Dr. Pooja Ojha	Assistant Professor	Physiology	DST	₹ 7,29,702/-
20.	Effect of yoga on autonomic function pulmonary function and stress in healthcare workers due to COVID-19 pandemic: correlation with inflammatory and oxidative stress markers.	Dr. Vivek Kumar Sharma	Professor & Head	Physiology	DST Satyam Project	₹ 15,87,988/-
21.	An International randomized trial of additional treatments for COVID-19 in hospitalized patients who are all receiving the local standard of care".	Dr. Nishant Chouhan	Additional Professor	Pulmonary Medicine	ICMR-NARI	₹ 4,13,750/-
22.	Database Creation for computational predictive analysis of treatment response assessment in Esophageal cancer patients in India	Dr. Vaibhav Varshney	Assistant Professor	Surgical Gastroenterology	Maulana Azad Medical College (MAMC), New Delhi	₹ 3,16,000/-
23.	Research study on patient Blood Management in Rajasthan state and its Impact on Health Economics.	Dr. Archana Bajpayee	Additional Professor	Transfusion Medicine & Blood Bank	NHM, Rajasthan	₹ 7,50,000/-

Activities conducted by Research Section:

S. No.	Title	Resource Persons	Conference/ Workshop	Date
1.	Introductory Course on "Evidence Based Medicine" for in-house faculty members	Research Section Faculty AIIMS, Jodhpur	AIIMS, Jodhpur (Online Mode)	14 th December to 22 nd December, 2020
2.	Guest Lecture on "Authorship in Scientific Journals".	Prof. Peush Sahni Professor & Head Department of Gastro- Surgery & Liver Transplantation, AIIMS, New Delhi	AIIMS, Jodhpur (Online Mode)	18 th November, 2020

Publications per Faculty in PubMed Indexed Journal (2020-21):

Institutional Ethics Committee

AIIMS Jodhpur constituted its Institutional Ethics Committee as per ICMR Guidelines to promote ethical research and protect the interests of the participants in research.

Institutional Ethics Committee (IEC) comprised of 15 members. Eminent Pharmacologist, Dr F.S.K Barar is the Chairman and Dr. Praveen Sharma, Professor, Department of Biochemistry, the Member Secretary. A nine member committee relating to Biomedical and Health Research with the National Ethics Committee Registry is also functioning under the Chairmanship of Dr.F.S.K. Barar and Dr. Praveen Sharma as its Member Secretary. Two Sub- Committees for Student Research and Drug Trial are also functional. Student Research Sub-committee comprised of 6 members with Dr. Surajit Ghatak, Professor and Head, Department of Anatomy, as the Chairman and Dr. Abhinav Dixit, Additional Professor, Department of Physiology as the Member Secretary. Drug Trial Sub-committee comprised of 6 members with Dr. Sneha Ambwani, Professor and Head, Department of Pharmacology as its Chairperson and Dr. Pradeep Kumar Bhatia, Professor and Head of Anaesthesiology as the Member Secretary.

IEC includes Law Expert, Social Scientist, Public Representative and members from ICMR.

The following is the composition of Institutional Ethics Committee:

- i) Dr. F S K Barar (Chairman)
- ii) Justice N N Mathur (Member)
- iii) Dr. Varsha Sharma (Member)
- iv) Mr. B S Yadav (Member)
- v) Dr. K R Haldiya (Member)
- vi) Dr. Arvind Mathur (Member)
- vii) Dr. Surajit Ghatak (Member)
- viii) Dr. Vijay Laxmi Nag (Member)
- ix) Dr. Sneha Ambwani (Member)
- x) Dr. Kuldeep Singh (Member)
- xi) Dr. Tanuj Kanchan (Member)
- xii) Dr. Pradeep Kumar Bhatia (Member)
- xiii) Dr. Abhinav Dixit (Member)
- xiv) Dr. Pankaj Bhardwaj (Member)
- xv) Dr. Praveen Sharma (Member Secretary)

Composition of the Ethics Committee for clinical trial:

- i) Dr. F S K Barar (Chairman)
- ii) Dr. Varsha Sharma (Member)
- iii) Dr. K.R. Haldiya (Member)
- iv) Justice N N Mathur (Member)
- v) Mr. B.S. Yadav (Member)
- vi) Dr. Kuldeep Singh (Member)
- vii) Dr. Pankaj Bhardwaj (Member)
- viii) Dr. Jaykaran Charan (Member)
- xi) Dr. Praveen Sharma (Member Secretary)

Ethics Sub- Committee (Student Research)

- i) Dr. Surajit Ghatak (Chairperson)
- ii) Dr. Poonam Elhence (Member)
- iii) Dr. Pankaj Bhardwaj (Member)
- iv) Dr. Amit Goyal (Member)
- v) Dr. Nishant Chauhan (Member)
- vi) Dr. Abhinav Dixit (Member Secretary)

Ethical Sub-Committee (Drugs Trial)

- i) Dr. Sneha Ambwani (Chairperson)
- ii) Justice N.N.Mathur (Member)
- iii) Dr. Varsha Sharma (Member)
- iv) Dr. Pratibha Singh (Member)
- v) Dr. Jaykaran Charan (Member)
- vi) Dr. Pradeep Kumar Bhatia (Member Secretary)

Institutional Ethics Committee of AIIMS, Jodhpur has been registered under rule 122DD vide registration no. ECR/866/Inst/RJ/2016 dated 21/10/2016 (File No. ECR/1465/AIIMS-Jodhpur/Inst/RJ/2016) by Central Drugs Standard Control Organization, Government of India.

Institutional Ethics Committee of AIIMS, Jodhpur received provisional registration of Biomedical and Health Research with the National Ethics Committee Registry for Biomedical and Health Research (NECRBHR), Department of Health Research vide registration No.EC/20/00012 dated 4/5/2020.

Regular meetings under the Chairmanship of Prof. F.S.K. Barar were held during the year to consider various projects submitted by faculty and students for Ethical clearance.

Sr.No.	Project No	Name of Principal Investigator	Designation	Department	Name of Project Title	Name of Co-Investigator	Project	IEC Meeting Date
1	AIIMS/IEC/2020/1322	Dr. Pradeep Kumar Bhatia	Professor & Head	Anaesthesiology and Critical Care	Incidence, risk factors and outcome of cardiac involvement in COVID-19 infected patients	Dr. Sadik Mohammed Dr. Praveen Sharma Dr. Vijaya Lakshmi Nag Dr. M.K.Garg Dr. Swati Chhabra Dr. Rakesh Kumar Dr. Manoj Kamal Dr. Nikhil Kothari Dr. Surendra Deora	Intramural-COVID-19	35th Online Meeting 11/5/2020
2	AIIMS/IEC/2020/1321	Dr. Bharat Kumar	Assistant Professor	Medicine	A study of assessment of Thyroid, Adrenal and prolactin function in COVID-19 patients in a tertiary care hospital	Dr. Mahendra Kumar Garg Dr. Pradeep Bhatia Dr. Purvi Purohit Dr. Vijaya Lakshmi Nag Dr. Praveen Sharma	Intramural-COVID-19	35th Online Meeting 11/5/2020

3	AIIMS/IEC/ 2020/1339	Dr. Purvi Purohit Dr. Dharamveer Yadav Dr. Shrimanjunath Sakangoudar	Additional Professor Associate Professor Associate Professor	Biochemistry	Analysis of Trace elements, Complement factors and Coagulation Profile in Clinical outcome of COVID-19 patients - a prospective case control study	Dr. Abhishek Purohit Dr. Vijaya Lakshmi Nag Dr. M.K.Garg Dr. Naveen Dutt Dr. Pradeep Bhatia Dr. Kuldeep Singh Dr. Praveen Sharma Dr. Jaykaran Charan	Intramural-COVID-19	35th Online Meeting 11/5/2020
4	AIIMS/IEC/ 2020/1336	Dr. Prasenjit Mitra Dr. Mithu Banerjee Dr. Praveen Sharma	Assistant Professor Additional Professor & Head Professor	Biochemistry	Cytokine profile mapping for sererity assessment of COVID-19	Dr. Sarika P Kombade Dr. Jaykaran Charan Dr. Vibhor Tak Dr. Ravisekhar Gadepalli Dr. Nishant Chauhan Dr. Vijaya Lakshmi Nag	Intramural-COVID-19	35th Online Meeting 11/5/2020
5	AIIMS/IEC/2020/1329	Dr. Vijaya Lakshmi Nag	Professor & Head	Microbiology	Viral load estimation & T cell counts in predicting severity of COVID-19	Dr. Ravisekhar Gadepalli Dr. Prasenjit Mitra Dr. Mithu Banerjee Dr. Praveen Sharma Dr. Nishant Chauhan Dr. Sarika P Kombade Dr. Vibhor Tak	Intramural-COVID-19	35th Online Meeting 11/5/2020
6	AIIMS/IEC/2020/1328	Dr. Vidhi Jain	Assistant Professor	Microbiology	Status of Seropositivity among asymptomatic front-line workers during the lockdown period due to COVID-19 pandemic in Jodhpur	Dr. Sanjeev Misra Dr. Praveen Sharma Dr. Vijaya Lakshmi Nag Dr. Pankaj Bhardwaj Dr. Manoj Kumar Gupta Dr. Akhil D Goel Dr. Suman Saurabh	Intramural-COVID-19	35th Online Meeting 11/5/2020
7	AIIMS/IEC/2020/1316	Dr. Nishant Kumar Chauhan	Additional Professor	Pulmonary Medicine	Clinical Outcomes and Predictors of Severity in Adult COVID-19 Patients Admitted in a Tertiary Care Hospital in Western Rajasthan	Dr. M.K.Garg Dr. Pradeep Bhatia Dr. Vijaya Lakshmi Nag Dr. Praveen Sharma Dr. Pankaj Bhardwaj Dr. Mithu Banerjee Dr. Naveen Dutt Dr. Gopal Krishna Bohra Dr. Pawan Garg Dr. Binit Sureka Dr. Ramniwas Dr. Deepak Sharma Dr. Benhur Joel Shadrach	Non-Funded COVID-19	35th Online Meeting 11/5/2020

8	AIIMS/IEC/2020/1315	Dr. Ramniwas	Assistant Professor	Pulmonary Medicine	Effectiveness and suspected adverse effects of chloroquine/hydroxychloroquine in COVID-19 positive patients - A observational study	Dr. M.K.Garg Dr. Pradeep Bhatia Dr. Vijaya Lakshmi Nag Dr. Praveen Sharma Dr. Pankaj Bhardwaj Dr. Mithu Banerjee Dr. Naveen Dutt Dr. Nishnat Chauhan Dr. Gopal Krishna Bohra Dr. Jaykaran Charan Dr. Pawan Garg Dr. Binit Sureka Dr. Maya Gopalakrishnan Dr. Aneesa Shahul S.	Non-Funded COVID-19	35th Online Meeting 11/5/2020
9	AIIMS/IEC/2020/1313	Dr. Satyendra Khichar	Assistant Professor	General Medicine	Assessment of knowledge, attitude and practice towards prevention and management of COVID-19 in India among medical students and health care workers	Dr. Mahendra Kumar Garg Dr. Gopal Krishna Bohra Dr. Sakthivadivel V Dr. Deepak Kumar Dr. Pankaj Bhardwaj Dr. Maya Gopalakrishnan Dr. Naresh Kumar Midha	Non-Funded COVID-19	35th Online Meeting 11/5/2020
10	AIIMS/IEC/2020/1312	Dr. Gautam Ram Choudhary	Associate Professor	Urology	Post COVID-19 outbreak changes in urology practice	Dr. Himanshu Pandey Dr. Mahendra Singh Dr. Vijay Kumar Sarma Madduri	Non-Funded COVID-19	35th Online Meeting 11/5/2020
11	AIIMS/IEC/2020/1323	Dr. Pankaj Bhardwaj	Additional Professor	School of Public Health	Predicting COVID-19 Morbidity and Mortality through Epidemiological modelling : A Data Mining Approach	Dr. Sanjeev Misra Dr. Naveen Dutt Dr. Vijaya Lakshmi Nag Dr. Manoj Kumar Gupta Dr. Akhil D Goel Dr. Suman Saurabh Dr. Vidhi Jain Dr. Aliza Mittal Dr. Prem Prakash Sharma	Non-Funded COVID-19	35th Online Meeting 11/5/2020
12	AIIMS/IEC/2020/1338	Dr. Pankaj Bhardwaj Dr. Suman Saurabh	Additional Professor Assistant Professor	School of Public Health	Risk factors for developing symptomatic COVID-19 as compared to asymptomatic SARS-CoV2 infection in Jodhpur, India	Dr. Sanjeev Misra Dr. Kuldeep Singh Dr. Manoj Kumar Gupta Dr. P.P.Sharma Dr. Akhil D Goel Dr. Vidhi Jain Dr. Vijaya Lakshmi Nag	Non-Funded COVID-19	35th Online Meeting 11/5/2020
13	AIIMS/IEC/2020/1320	Dr. Puneet Pareek	Additional Professor	Radiation Oncology	Opportunities, Strategies, & Challenges while using Telemedicine for Palliative Care of Cancer Patients during COVID-19 : A Pilot study	Dr. Sanjeev Misra Dr. Manoj Kamal Dr. Srikanth Srinivasan Dr. Pankaj Bhardwaj Dr. Rakesh Kumar Vyas Dr. Jeewan Ram	Non-Funded COVID-19	35th Online Meeting 11/5/2020

14	AIIMS/IEC/2020/1330	Dr. Vaishali Gautam	Senior Resident	Community Medicine & Family Medicine	Assessment health literacy among chronic disease patients residing in Urban Jodhpur: A cross-sectional study	Dr. Neeti Rustagi Dr. Prasanna T. Dr. Pankaja Raghav Dr. Dileepan S Dr. Mehul Patel Dr. Shazia Shafi	Non-Funded	35th Online Meeting 11/5/2020
15	AIIMS/IEC/2020/1314	Dr. Danishwar Meena	Senior Resident	CTVS	Knowledge, attitude and practices among cardiac surgical patients towards COVID-19 and accessibility of medical care facilities during pandemic outbreak	Dr. Alok Kumar Sharma Dr. Surendra Patel Dr. Prem Prakash Sharma	Non-Funded COVID-19	35th Online Meeting 11/5/2020
16	AIIMS/IEC/2020/1317	Dr. Gopal Krishna Bohra	Associate Professor	General Medicine	Outcome of COVID-19 patients on Antihypertensives	Dr. Sakthivadivel. V Dr. Pradeep Bhatia Dr. Satyendra Khichar Dr. Praveen Sharma Dr. Vijaya Lakshi Nag	Non-Funded COVID-19	35th Online Meeting 11/5/2020
17	AIIMS/IEC/2020/1318	Dr. Amit Goyal	Additional Professor	Otorhinolaryngology (ENT)	Locked Down but not Left Out Evaluation of challenges and opportunities in providing telepractice (speech therapy) for pre-lingual deaf pediatric cochlear implantees during COVID-19 pandemic in a resource constrained setting	Dr. Vidhu Sharma	Non-Funded COVID-19	35th Online Meeting 11/5/2020
18	AIIMS/IEC/2020/1331	Dr. Vikas P. Meshram	Assistant Professor	Forensic Medicine & Toxicology	Knowledge, Attitude and Practices about dead body management during COVID-19 outbreak among Forensic Medicine experts in India	Dr. Tanuj Kanchan Dr. Raghvendra Singh Shekhawat	Non-Funded COVID-19	35th Online Meeting 11/5/2020
19	AIIMS/IEC/2020/1327	Dr. Tanuj Kanchan	Additional Professor	Forensic Medicine & Toxicology	Management of the dead during COVID-19 outbreak- Knowledge of infection control practices among healthcare workers	Dr. Raghvendra Singh Shekhawat Dr. Pankaj Bhardwaj Dr. Vibhor Tak Dr. Manoj Kumar Gupta Dr. Akhil D Goel Dr. Vidhi Jain Dr. Sarika Kombade Dr. Suman Saurabh Ms. Sanjeeta Dara Mr. Natwar Lal Patidar	Non-Funded COVID-19	35th Online Meeting 11/5/2020

20	AIIMS/IEC/2020/1333	Dr. Vijaya Lakshmi Nag	Professor & Head	Microbiology	A Pilot Study to evaluate the detection of novel coronavirus SARS-CoV-2 in salivary specimen for diagnosis of COVID-19	Dr. Vibhor Tak Dr. Ravi Sekhar Gadepalli Dr. Sarika Kombade Dr. Sajeev Misra Dr. Praveen Sharma Dr. M.K.Garg Dr. Naveen Dutt Dr. Nishant Chauhan Dr. Gopal Krishna Bohra Dr. Deepak Kumar Dr. Pankaj Bhardwaj Dr. Ramniwas	Non-Funded COVID-19	35th Online Meeting 11/5/2020
21	AIIMS/IEC/2020/1355	Dr. Rahul Saxena	Associate Professor	Pediatric Surgery	A multi-site pragmatic prospective observational study assessing outcome and safety of oral chloroquine / hydroxychloroquine prophylaxis for Indian medical professionals at risk of COVID-19	Dr. Pankaj Bhardwaj Dr. Deepak Kumar Sharma Dr. Nishant Chauhan Dr. Jaykaran Charan	Non-Funded COVID-19 Multicentric Study	35th Online Meeting 11/5/2020
22	AIIMS/IEC/2020/1334	Dr. Purvi Purohit	Additional Professor	Biochemistry	Analysis of single nucleotide polymorphism of ACE2 and TMPRSS2 in Diabetic and Hypertensive COVID-19 patients-a multi-centric & case control study	Dr. Vijaya Lakshmi Nag Dr. M.K.Garg Dr. Pradeep Bhatia Dr. Praveen Sharma Dr. Akhil D Goel Dr. Shrimanjanath Sankangoudar Dr. Nishant Chauhan Dr. Naveen Dutt Dr. Pankaj Bhardwaj	Extramural Multi-centric COVID-19	35th Online Meeting 11/5/2020
23	AIIMS/IEC/2020/1335	Dr. Dharamveer Yadav	Associate Professor	Biochemistry	Evaluation of immunomodulatory effect of certain trace elements (Zn, Cu, Se, and Fe) and mediators of innate and adaptive immunity for stratification and risk assessment of COVID-19 patients-a prospective case-control study	Dr. Purvi Purohit Dr. Shrimanjanath Sankanagoudar Dr. Nishant Kumar Chauhan Dr. Abhishek Purohit Dr. Vijaya Lakshmi Nag Dr. Pradeep Bhatia Dr. Praveen Sharma	ExtramuralCMR COVID-19	35th Online Meeting 11/5/2020
24	AIIMS/IEC/2020/1337	Dr. Srikanth Srinivasan	Associate Professor	Community Medicine & Family Medicine	Integrated Community Based Palliative Home Care of Chronic Debilitated Patients-A novice approach in Jodhpur	Dr. Manoj Kamal Dr. Puneet Pareek Dr. Manoj Kumar Gupta Dr. Pankaj Bhardwaj Dr. Pankaja Raghav	ExtramuralCMR	35th Online Meeting 11/5/2020

25	AIIMS/IEC/2020/1319	Dr. Bharat Choudhary	Assistant Professor	Trauma and Emergency (Paediatrics)	Determining the effectiveness of daily simulation training exercises and debriefing with a real time feedback device in emergency health care providers	Dr. Kuldeep Singh Dr. Daisy Khara Dr. Manoj Gupta Dr. Mahaveer Rodha Dr. Ashok Kumar	ExtramuralCSIR	35th Online Meeting 11/5/2020
26	AIIMS/IEC/2020/1332	Dr. Neeti Rustagi	Additional Professor	Community Medicine & Family Medicine	COACH (community oriented action and caring hands) approach for promoting end of life care in Jodhpur, Rajasthan through participatory research methodology	Dr. Manoj Kamal Dr. Puneet Pareek Dr. Naveen Dutt Dr. Manu Goyal Dr. Vaibhav Varshney	ExtramuralICMR	35th Online Meeting 11/5/2020
27	AIIMS/IEC/2020/1326	Dr. Archana Bajpayee	Additional Professor	Transfusion Medicine & Blood Bank	A Phase II, Open Label, Randomized Controlled Trial to Assess the Safety and Efficacy of Convalescent Plasma to Limit COVID-19 Associated Complications in Moderate Disease	Dr. M.K.Garg Dr. Gopal Bohra	Extramural Clinical Trial COVID-19	35th Online Meeting 11/5/2020
28	AIIMS/IEC/2020/1325	Dr. Suman Saurabh	Assistant Professor	Community Medicine & Family Medicine	Artificial Intelligence powered triaging tool for COVID-19 using cough sounds and symptoms amongst acute respiratory syndrome cases at Jodhpur, India	Dr. Kuldeep Singh Dr. Pankaj Bhardwaj Dr. Manoj Kumar Gupta Dr. Nitesh Kumar	Extramural Project COVID-19	35th Online Meeting 11/5/2020
29	AIIMS/IEC/2020/1324	Mr. Natwarlal Patidar Mrs. Sanjeeta Dara	Nursing Tutor/ANS	College of Nursing	A Study to assess knowledge, attitude and practices of health workers towards environmental cleaning in regards to COVID-19	Dr. Sanjeev Misra Dr. Raj Rani Dr. Pankaj Bhardwaj Dr. Tanuj Kanchan Dr. Vibhor Tak Dr. Manoj Kumar Gupta Dr. R.S.Shekhawat Dr. Akhil D.Goel Dr. Sarika Kombade Dr. Vidhi Jain Dr. Suman Saurabh	Non-Funded COVID-19	35th Online Meeting 11/5/2020

30	AIIMS/IEC/2020/1273	Dr. Pankaj Bhardwaj	Additional Professor	School of Public Health	Study of perception and attitude of family members of health workers engaged in management of COVID-19	Dr. Sanjeev Misra Dr. Kuldeep Singh Dr. Manoj Gupta Dr. Nitin Kumar Joshi	Non-Funded COVID-19	35th Online Meeting 11/5/2020
31	AIIMS/IEC/2020/1275	Dr. Pankaj Bhardwaj	Additional Professor	School of Public Health	Study of perception and attitude of health worker engaged in management of COVID-19	Dr. Sanjeev Misra Dr. Kuldeep Singh Dr. M.Kgarg Dr. Ashok Kumar Dr. Suman Saurabh Dr. Nitin Joshi	Non-Funded COVID-19	35th Online Meeting 11/5/2020
32	AIIMS/IEC/2020/1274	Guide: Dr. Pankaj Bhardwaj Student: Dr. Neha Mantri	Additional Professor	School of Public Health	Airport Screening in COVID-19 Disease Pandemic at Capital City of Rajasthan: Outcome and Challenges	Dr. Sanjeev Misra Dr. Kuldeep Singh Dr. Akhil D Goel Dr. Nitin Joshi	Non-Funded COVID-19	35th Online Meeting 11/5/2020
33	AIIMS/IEC/2020/1270	Dr. Manoj Prithviraj Dr. Preeti Bala Singh	Assistant Professor	Obs & Gyne AIIMS Gorakhpur	COVID-19 Pandemic: Impact of Lockdown on Psychosexual health	Dr. Richa Tripathi Ms. Aarti Singh	Non-Funded COVID-19	35th Online Meeting 11/5/2020
34	AIIMS/IEC/2020/1272	Dr. Nishant Kumar Chauhan	Additional Professor	Pulmonary Medicine	An international randomised trial of additional treatments for COVID-19 in hospitalised patients who are receiving the local standard of care	Dr. Vijaya Lakshmi Nag Dr. M.K.Garg Dr. Pradeep Bhatia Dr. Pankaj Bhardwaj Dr. Naveen Dutt Dr. Jaykaran Charan	Extramural Clinical Trial COVID-19	35th Online Meeting 11/5/2020
35	AIIMS/IEC/2020/1271	Dr. Nishant Kumar Chauhan	Additional Professor	Pulmonary Medicine	Clinical characteristics and virological clearance among SARS CoV-2 infected patients in India - An Observational study of COVID-19 patients hospitalized in the same sites	Dr. Vijaya Lakshmi Nag Dr. M.K.Garg Dr. Gopal Krishna Bohra Dr. Maya Gopalakrishnan Dr. Ramniwas Dr. Deepak Kumar	Extramural Clinical Trial COVID-19	35th Online Meeting 11/5/2020
36	AIIMS/IEC/2020/1357	Dr. Sanjeev Misra	Director	AIIMS Jodhpur	Outcomes of surgery in COVID-19 infection: International cohort study (CovidSurg)	Dr. Mahaveer Rodha Dr. Naveen Sharma Dr. Ram Karan Chaudhary Dr. Jeewan Ram Vishnoi	Non-Funded	35th Online Meeting Meeting Waiver 20/5/2020

37	AIIMS/IEC/2020/1358	Dr. Sanjeev Misra	Director	AIIMS Jodhpur	Outcomes of elective cancer surgery during the COVID-19 pandemic crisis: an international, multicentre, observational cohort study (CovidSurg-Cancer)	Dr. Jeewan Ram Vishnoi Dr. Puneet Pareek	Non-Funded	35th Online Meeting Exempted/Waiver 20/5/2020
38	AIIMS/IEC/2020/1365	Dr. Ravisekhar Gadepalli	Associate Professor	Microbiology	Unique, Simple and Rapid method of RNA extraction to detect COVID-19 by RT-q PCR	Dr. Vijaya Lakshmi Nag	Intramural COVID-19	36th Online Meeting 29/5/2020
39	AIIMS/IEC/2020/1366	Dr. Pawan Kumar Garg	Associate Professor	Diagnostic & Interventional Radiology	To assess the various imaging features of COVID-19 on computed tomography (CT) scan in moderate or severely symptomatic patients	Dr. M.K.Garg Dr. Vijaya Lakshmi Nag Dr. Praveen Sharma Dr. Pushpinder S Khara Dr. Naveen Dutt Dr. Nishant Chauhan Dr. Binit Sureka Dr. Gopal Krishna Bohra Dr. Taruna Yadav Dr. Ramniwas Dr. Deepak Sharma Dr. Suvinay Saxena	Non-Funded COVID-19	36th Online Meeting 29/5/2020
40	AIIMS/IEC/2020/1367	Dr. Pawan Kumar Garg	Associate Professor	Diagnostic & Interventional Radiology	Convolutional Neural Network based Model with Transfer Learning approach for detection on COVID-19 using Chest X-Rays	Dr. Binit Sureka Dr. Naveen Dutt Dr. Pushpinder S Khara Dr. Vijaya Lakshmi Nag Dr. M.K.Garg	Non-Funded COVID-19	36th Online Meeting 29/5/2020
41	AIIMS/IEC/2020/1368	Dr. Ramniwas	Assistant Professor	Pulmonary Medicine	Emotional Distress Among Health Professionals Involved in Care of Inpatients with COVID-19	Dr. M.K.Garg Dr. Pradeep Bhatia Dr. Naresh Nebhinani Dr. Pankaj Bhardwaj Dr. Naveen Dutt Dr. Nishant Chauhan Dr. Mukesh Swami Dr. Navratan Suthar Dr. Ashok Kumar Dr. Aneesa Shahul S Dr. Rupesh Andani	Non-Funded COVID-19	36th Online Meeting 29/5/2020
42	AIIMS/IEC/2020/1369	Dr. Maya Gopalakrishnan	Assistant Professor	Medicine	Effectiveness of Awake Self Prone strategy in COVID-19 : An open-labelled randomized controlled trial	Dr. Deepak Kumar Dr. M.K.Garg Dr. Nishant Chauhan Dr. Gopal Krishna Bohra Dr. Suman Saurabh Dr. Pradeep Bhatia Dr. Vijaya Lakshmi Nag Dr. Praveen Sharma	Non-Funded COVID-19	36th Online Meeting 29/5/2020

43	AIIMS/IEC/2020/1370	Dr. Gopal Krishna Bohra	Associate Professor	General Medicine	Evaluation of alteration in haemostatic and thrombotic milieu and its correlation with disease severity in COVID-19 patients	Dr. Abhishek HL Purohit Dr. Mahendra Kumar Garg Dr. Deepak Kumar Dr. Praveen Sharma Dr. Vijaya Lakshmi Nag Dr. Siyaram Didel Dr. Naresh Midha	Non-Funded COVID-19	36th Online Meeting 29/5/2020
44	AIIMS/IEC/2020/1361	Dr. Hari Shankar Joshi	Professor & Head Gorakhpur, AIIMS	Community Medicine & Family Medicine	Assessment of the change in knowledge of COVID-19 through sensitization program among health care workers in a tertiary care centre	Dr. Anand Mohan Dixit Dr. Anil Ramesh Koparkar Dr. Rama Shankar Rath Dr. Pradip Kharya Dr. Manoj Prithviraj	Non-Funded COVID-19	36th Online Meeting 29/5/2020
45	AIIMS/IEC/2020/1354	Dr. Manu Goyal	Associate Professor	Obstetrics & Gynaecology	Effect of COVID-19 pandemic on antenatal care and maternal outcome: An observational study at tertiary centre in western India	Dr. Pratibha Singh Dr. Kuldeep Singh Dr. Shashank Shekhar Dr. Neha Agarwal	Non-Funded COVID-19	36th Online Meeting 29/5/2020
46	AIIMS/IEC/2020/1352	Dr. Umang P. Salodia	Senior Resident	Community Medicine & Family Medicine	A study on the psychological outcomes and associated physical symptoms among health care workers (HCW) during COVID-19 outbreak	Dr. Mahendra Kumar Verma Dr. Pankaja Raghav Dr. Mehul Patel Dr. Nitesh Kumar	Non-Funded COVID-19	36th Online Meeting 29/5/2020
47	AIIMS/IEC/2020/1397	Dr. Pankaj Bhardwaj	Additional Professor	School of Public Health	Home Vs Facility based isolation and quarantine in Jodhpur during COVID-19 pandemic: An exploratory study	Dr. Sanjeev Misra Dr. Kuldeep Singh Mr. N R Bishnoi Dr. Nitin Kumar Joshi Dr. Manoj Kumar Gupta Dr. Akhil D Goel Dr. Suman Saurabh	Non-Funded COVID-19	36th Online Meeting 29/5/2020
48	AIIMS/IEC/2020/1384	Dr. Gautam Ram Choudhary	Associate Professor	Urology	An open label multi-centric randomized control trial for reinitiating intravesical BCG therapy Vs resumption in patients of non-muscle invasive bladder cancer with interruption of therapy due to the COVID-19 (ICON study)	Dr. Himanshu Pandey Dr. Vijay Kumar Sarma Madduri	Non-Funded COVID-19	36th Online Meeting 29/5/2020

49	AIIMS/IEC/2020/1385	Dr. Mayank Badkur	Assistant Professor	General Surgery	Attitude regarding the elective surgical procedure among patients in the Department of General Surgery in AIIMS, Jodhpur during COVID-19 pandemic	Dr. Ashok Puranik Dr. Naveen Sharma	Non-Funded COVID-19	36th Online Meeting 29/5/2020
50	AIIMS/IEC/2020/1390	Dr. Maya Gopalakrishnan	Assistant Professor	General Medicine	Digitalizing Rheumatology: Utility of telemedicine in rheumatology clinic follow-up during COVID-19 containment strategy	Dr. Naresh Kumar Midha Dr. Gopal Krishna Bohra Dr. M.K.Garg	Non-Funded COVID-19	36th Online Meeting 29/5/2020
51	AIIMS/IEC/2020/1391	Dr. Arvind Sinha	Professor & Head	Pediatric Surgery	A study to assess the level of satisfaction regarding IPD services among COVID-19 positive patients admitted at AIIMS Jodhpur	Dr. Suryanarayanan Bhaskar Dr. Ashok Kumar Dr. Mahaver Singh Rodha Dr. Naveen Dutt Mr. Himanshu Vyas Mr. Nipin Kalal Mr. Vikas Choudhary Mr. Anoop Sharma	Non-Funded COVID-19	36th Online Meeting 29/5/2020
52	AIIMS/IEC/2020/1394	Dr. Sarika Prabhakar Kumbade	Assistant Professor	Microbiology	A study to assess Knowledge, attitude and practices of healthcare workers on use of personal protective equipment's in regards to COVID-19	Dr. Sanjeev Misra Dr. Vibhor Tak Dr. Vidhi Jain Dr. Pankaj Bhardwaj Dr. Tanuj Kanchan Dr. Manoj Kumar Gupta Dr. Akhil Goel Dr. R.S.Shekhawat Dr. Suman Saurabh Mr. Natwarlal Patidar Mrs. Sanjeeta Dara	Non-Funded COVID-19	36th Online Meeting 29/5/2020
53	AIIMS/IEC/2020/1396	Dr. Pankaj Bhardwaj	Additional Professor	School of Public Health	Enhanced testing, tracing and tracking strategy (ETTTTS) for effective containment of COVID-19 in Jodhpur	Dr. Sanjeev Misra Dr. Kuldeep Singh Mr. N R Bishnoi Dr. Nitin Kumar Joshi Dr. Manoj Kumar Gupta Dr. Akhil D Goel Dr. Suman Saurabh	Non-Funded COVID-19	36th Online Meeting 29/5/2020
54	AIIMS/IEC/2020/1359	Dr. Mahima Mittal	Professor & Head	Pediatrics, AIIMS Gorakhpur	Characteristics of perinatal depression and perception regarding childcare among perinatal women during COVID-19 pandemic in Uttar Pradesh: A facility based survey	Dr. Hari Shanker Joshi Dr. Pradip Kharya Dr. Manoj Prithviraj	Non-Funded COVID-19	36th Online Meeting 29/5/2020

55	AIIMS/IEC/2020/1366	Dr. Shahir Asfahan	Senior Resident	Pulmonary Medicine	Multicentric study for classification of chest radiographs using artificial intelligence to differentiate COVID-19 from non- COVID-19 at presentation. (CRIT-COP Study)	Dr. Naveen Dutt Dr. Mahendra Kumar Garg Dr. Nishant Chauhan Dr. Ramniwas Dr. Pawan Kumar Garg Dr. Benhur Joel	Non-Funded COVID-19	36th Online Meeting 29/5/2020
56	AIIMS/IEC/2020/1377	Dr. Neeraj Gupta	Additional Professor	Neonatology	Outcomes of infants born to COVID-19 positive mothers: A Prospective cohort study	Dr. Sanjeev Misra Dr. Anurag Agarwal Dr. Mitali Mukerji Dr. Praveen Sharma Dr. Vijaya Lakshmi Nag Dr. Pratibha Singh Dr. Kuldeep Singh Dr. Poonam Elhence Dr. Arun Singh	Extramural Project COVID-19	36th Online Meeting 29/5/2020
57	AIIMS/IEC/2020/1395	Dr. Maya Gopalakrishnan	Assistant Professor	Medicine	Implications of the cluster-containment strategy for COVID-19 control on snakebite care in India	Dr. Mahendra Kumar Garg	Extramural Multi-centric COVID-19	36th Online Meeting 29/5/2020
58	AIIMS/IEC/2020/1372	Dr. Gautam Ram Choudhary	Associate Professor	Urology	Assessment of urinary carcinogens level and urine cytology among industry and non-industry workers in Jodhpur	Dr. Himanshu Pandey Dr. Vijaya Lakshmi Nag Dr. Mahendra Singh Dr. Kamla Kant Shukla Dr. Naveen K.H Dr. Pankaj Bhardwaj Dr. Poonam Elhence Dr. Praveen Sharma	ExtramuralICMR	36th Online Meeting 29/5/2020
59	AIIMS/IEC/2020/1383	Dr. Neeti Rustagi	Additional Professor	Community Medicine & Family Medicine	Use of mobile health (mhealth) applications to train primary health centre staff in acute management of burn and injury patients in Jodhpur, Rajasthan: A Community based trial	Dr. Arvind Sinha Dr. Naveen Sharma Dr. Prakash Chandra Kala Dr. Kuldeep Singh Dr. Pankaja Raghav	ExtramuralICMR	36th Online Meeting 29/5/2020
60	AIIMS/IEC/2020/1353	Dr. Manu Goyal	Associate Professor	Obstetrics & Gynaecology	An observational study of prevalence of vitamin D deficiency in pregnant Indian females and its association with gestational diabetes mellitus	Dr. Pratibha Singh Dr. Purvi Purohit Dr. Praveen Sharma Dr. Shashank Shekhar	Extramural Project	36th Online Meeting 29/5/2020
61	AIIMS/IEC/2020/1389	Dr. Kriti Mohan, AIIMS Gorakhpur	Associate Professor	Pediatrics	Developing growth charts for healthy Indian children and Adolescents 5-18 years: A multicentric study	Dr. Manish Kumar	Extramural Multi-centric	36th Online Meeting 29/5/2020

62	AIIMS/IEC/2020/1380	Dr. Saurabh Singh	Associate Professor	Dermatology, Venereology and Leprology	Application of new tools for molecular diagnosis and surveillance of post kala azar dermal leishmaniasis and cutaneous leishmaniasis in India	Dr. Ruchi Singh Dr. V.Ramesh Dr. V.N.R Das Dr. Devraj Dogra Dr. Shruti Sharma	Extramural ICMR	36th Online Meeting 29/5/2020
63	AIIMS/IEC/2020/1370	Dr.Om Lata Bhagat	Additional Professor	Physiology	Role of Yogic and pursed lip breathing exercises in improving cardiopulmonary exercise capacity, quality of life and autonomic health in COPD patients	None	enhancement award from the American	36th Online Meeting 29/5/2020
64	AIIMS/IEC/2020/1371	Dr. Ashok Kumar	Associate Professor	College of Nursing	Satisfaction and barriers to online learning in nursing students at college of Nursing, AIIMS, Jodhpur	Dr. Raj Rani Mr. Himanshu Vyas Mr. Nipin Kalal Mrs. Nimarta Mr. Vikas Choudhary	Non-Funded	36th Online Meeting 29/5/2020
65	AIIMS/IEC/2020/1360	Dr. Preeti Bala Singh	Assistant Professor AIIMS Gorakhpur	Obstetrics & Gynaecology	Clinical spectrum and causes of abnormal uterine bleeding in reproductive age according to two FIGO systems	Dr. Roli Purwar Dr. Ratna Priya	Non-Funded	36th Online Meeting 29/5/2020
66	AIIMS/IEC/2020/1374	Dr. Sidharth Arya Dr. Naresh Nebhinani	Assistant Professor	Institute of Mental Health Rohtak	A multi-centric study to explore the experiences of patients with substance use disorder during the lockdown period in India	Dr. Naresh Nebhinani Dr. Mukesh Swami	Non-Funded Multi-centric Study	36th Online Meeting 29/5/2020
67	AIIMS/IEC/2020/1375	Dr. Maya Gopalakrishnan	Assistant Professor	Medicine	Digital Gangrene as the presenting clinical feature in connective tissue disorders: a retrospective record based case series	Dr. Gopal Krishna Bohra Dr. M.K.Garg	Non-Funded	36th Online Meeting 29/5/2020
68	AIIMS/IEC/2020/1350	Dr. Shrimanjunath Sankana goudar	Assistant Professor	Biochemistry	Evaluation of different formulas for LDL cholesterol calculation in patients with type 2 diabetes mellitus	Dr. Praveen Sharma Dr. Sojit Tomo	Non-Funded	36th Online Meeting 29/5/2020

69	AIIMS/IEC/2020/1378	Dr. Puneet Pareek	Additional Professor	Radiation Oncology	Retrospective analysis of outcomes of colonic malignancies treated in a tertiary care centre in India and the validation of prognostic factors	Dr. Kombathula Sri Harsha	Non-Funded	36th Online Meeting 29/5/2020
70	AIIMS/IEC/2020/1379	Dr. Puneet Pareek	Additional Professor	Radiation Oncology	Demographic profile, treatment patterns and validation of AJCC stage grouping in the outcomes of pancreatic malignancies treated in a tertiary care centre in India	Dr. Kombathula Sri Harsha	Non-Funded	36th Online Meeting 29/5/2020
71	AIIMS/IEC/2020/1361	Dr. Darwin Kaushal	Associate Professor	Otorhinolaryngology (ENT)	To study factors affecting outcome in managing tracheobronchial foreign bodies	Dr. Amit Goyal Dr. Bikram Choudhary Dr. Kapil Soni Dr. Nithin Prakasan Nair	Non-Funded	36th Online Meeting 29/5/2020
72	AIIMS/IEC/2020/1388	Dr. Satya Prakash Meena	Assistant Professor	General Surgery	Patient safety and outcome in laparoscopic appendectomy by residents: A retrospective study	Dr. Ashok Kumar Puranik Dr. Mahaveer Singh Rodha Dr. Mahendra Lodha	Non-Funded	36th Online Meeting 29/5/2020
73	AIIMS/IEC/2020/1342	Dr. Satya Prakash Meena	Assistant Professor	General Surgery	Feasibility of same day discharge in laparoscopic cholecystectomy and inguinal hernioplasty - A prospective observational study	Dr. Ashok Kumar Puranik Dr. Naveen Sharma Dr. Mahaveer Singh Rodha Dr. Mayank Badkur	Non-Funded	36th Online Meeting 29/5/2020
74	AIIMS/IEC/2020/1387	Dr. Ashish Chaudhary	Senior Resident	Dentistry	Evaluation of efficacy of PRF and various bone graft materials in surgical healing of palatal defects of endodontic origin	Dr. Pravin Kumar Dr. Ankita Chugh	Non-Funded	36th Online Meeting 29/5/2020
75	AIIMS/IEC/2020/1386	Dr. Naresh Kumar Midha	Assistant Professor	General Medicine	Clinical profile, risk factors and treatment outcomes in the patients of liver abscess: a descriptive study from Rajasthan, India	Dr. Bharat Kumar Dr. Maya Gopalakrishnan Dr. Deepak Kumar	Non-Funded	36th Online Meeting 29/5/2020
76	AIIMS/IEC/2020/1393	Dr. Renu Gupta	Associate Professor	Anatomy	Relation of radial nerve to superficial bony landmarks - A cadaveric study	Dr. Ashish Kumar Nayyar Dr. Surajit Ghatak	Non-Funded	36th Online Meeting 29/5/2020

77	AIIMS/IEC/2020/1376	Dr. Aasma Nalwa	Associate Professor	Pathology	The role of Newly defined international system for reporting serious fluid cytopathology in a tertiary care centre in India and its clinical utility	Dr. Poonam Elhence Dr. Meenakshi Rao Dr. Jyotsna Naresh Bharti Dr. Sudeep Khara Dr. Deepak Vedant Dr. Vikarn Vishwajeet	Non-Funded	36th Online Meeting 29/5/2020
78	AIIMS/IEC/2020/1381	Dr. Mahaveer Singh Rodha	Additional Professor	Trauma and Surgery	Rhomboid flap surgery for Pilonidal sinus disease: A retrospective study	Dr. Naveen Sharma Dr. Ramkarn Dr. Mahendra Lodha Dr. Satya Prakash Dr. Mayank Badkur	Non-Funded	36th Online Meeting 29/5/2020
79	AIIMS/IEC/2020/1392	Dr. Mahaveer Singh Rodha	Additional Professor	Trauma and Surgery	Knowledge and attitude about "Surgical safety checklist among surgical care practitioners of AIIMS , Jodhpur	Dr. Naveen Sharma Dr. Ramkaran Chaudhary Dr. Nikhil Kothari Dr. Satyaprakash Meena Dr. Mayank Badkur Dr. Ashok Kumar	Non-Funded	36th Online Meeting 29/5/2020
80	AIIMS/IEC/2020/1349	Dr. Pratibha Gehlawat	Assistant Professor	Psychiatry	Evaluation of knowledge and competency among nurses after a brief suicide prevention educational program	Dr. Vijay Kumar Saini Dr. Tanu Gupta Dr. Naresh Nebhinani	Non-Funded	36th Online Meeting 29/5/2020
81	AIIMS/IEC/2020/1348	Dr. Himanshu Pandey	Associate Professor	Urology	To determine correlation between VIRADS scoring and pathological staging in bladder cancer : A pilot study	Dr. Mahendra Singh Dr. Prateek Gupta Dr. Gautam Ram Choudhary Dr. Vijay Kumar Sharma	Non-Funded	36th Online Meeting 29/5/2020
82	AIIMS/IEC/2019/1087	Dr. Manish Pathak	Additional Professor	Pediatric Surgery	To evaluate the parental knowledge about surgical wound care among pediatric patients in India	Dr. Arvind Sinha Dr. Rahul Saxena	Non-Funded	36th Online Meeting 29/5/2020
83	AIIMS/IEC/2020/1347	Dr. Varuna Vyas	Assistant Professor	Pediatrics	Retrospective review of records to see clinical presentation, HbA1C trends, complications and co morbidities in children and adolescents with diabetes	Dr. Kuldeep Singh Dr. Akhil Dhanesh Goel	Non-Funded	36th Online Meeting 29/5/2020

84	AIIMS/IEC/2020/1346	Dr. Kirtikumar J Rathod	Associate Professor	Pediatric Surgery	Point of care improvement in pediatric surgical ward rounds after implementation of ward round checklist	Dr. Jayakumar TK Dr. Arvind Sinha	Non-Funded	36th Online Meeting 29/5/2020
85	AIIMS/IEC/2020/1345	Dr. Jagdish Prasad Goyal	Additional Professor	Pediatrics	Normal values of Fractional Exhaled Nitric Oxide (FeNO) in healthy Indian children: a cross sectional study	Dr. Saurav Jain Dr. Prawin Kumar	Non-Funded	36th Online Meeting 29/5/2020
86	AIIMS/IEC/2020/1344	Dr. Nidhi Jain	Senior Resident	Anaesthesiology and Critical Care	Comparison of Air Q blocker and Baska mask in elderly patients- A prospective randomised study	Dr. Pradeep Bhatia Dr. Priyanka Sethi Dr. Ankur Sharma Dr. Rashmi Syal Dr. Divya Rana	Non-Funded	36th Online Meeting 29/5/2020
87	AIIMS/IEC/2019/1082	Dr. Manish Pathak	Additional Professor	Pediatric Surgery	Implementation of Early discharge protocol after laparoscopic appendectomy in patients of paediatric uncomplicated acute appendicitis	Dr. Akhil Dhanesh Goel Dr. Rahul Saxena Dr. Arvind Sinha Dr. Kirtikumar Rathod Dr. Avinash Jadhav	Non-Funded	36th Online Meeting 29/5/2020
88	AIIMS/IEC/2020/1343	Dr. Ankur Sharma	Assistant Professor	Trauma & Emergency (Anaesthesiology)	Comparison of ultrasound-guided versus conventional palpatory method of posterior tibial artery cannulation A randomized controlled trial	Dr. Pradeep Bhatia Dr. Priyanka Sethi Dr. Kamlesh Kumari Dr. Akhil D Goel	Non-Funded	36th Online Meeting 29/5/2020
89	AIIMS/IEC/2020/1340	Dr. Ravi Kumar Jeenger	Senior Resident	Pediatrics	Simulation based vap (Ventilator associated pneumonia) bundle training of nursing officers at a tertiary care pediatric intensive care unit in western rajasthan : a quasi experimental study	Dr. Bharat Kumar Dr. Daisy Khara Dr. Kuldeep Singh	Non-Funded	36th Online Meeting 29/5/2020

90	AIIMS/IEC/2020/1341	Dr. Rahul Choudhary	Assistant Professor	Cardiology	To study the clinical and angiographic profile in patients undergoing percutaneous coronary interventions in department of cardiology and to evaluate their correlation with outcome	Dr. Surender Deora Dr. Atul Kaushik	Non-Funded	36th Online Meeting 29/5/2020
91	AIIMS/IEC/2020/1373	Dr. Naveen Dutt	Additional Professor	Pulmonary Medicine	An epidemiological prospective multicentric study of ACO diagnosis in patients previously diagnosed as COPD in INDIA	Dr. Bebhur Joel Shadrach Dr. Ramniwas Dr. Gopal Chawla	Non-Funded Multi-centric Study	36th Online Meeting 29/5/2020
92	AIIMS/IEC/2020/1369	Dr. Naveen Dutt	Additional Professor	Pulmonary Medicine	Assesment of loss of lung volume in patients of interstitial lung disease and its corelation with respiratory physiological parameters	Dr. Gopal Chawla Dr. Nishant Chauhan Dr. Ramniwas Dr. Aneesa Shahul.S Dr. Pawan Garg Dr. Maya Gopalakrishnan	Non-Funded	36th Online Meeting 29/5/2020
93	AIIMS/IEC/2020/1371	Dr. Pradeep Kumar Bhatia	Professor & Head	Anaesthesiology and Critical Care	Salt based OrbaLanced solUtion. Trends Existing in Indian intensive care units. A multicenter prospective observational cohort study (SOLUTE study)	Dr. Ankur Sharma	Non-Funded	36th Online Meeting 29/5/2020
94	AIIMS/IEC/2020/1367	Dr. Ankur Sharma	Assistant Professor	Trauma & Emergency (Anaesthesiology)	Case series of suspected patients of COVID-19 with SARI admitted in medical intensive care unit at a tertiary care centre after lock down in India	Dr. Sanjeev Misra Dr. Pradeep Bhatia Dr. M.K.Garg Dr. Nikhil Kothari Dr. Naveen Dutt Dr. Pankaj Bhardwaj Dr. Gopal Krishna Bohra Dr. Deepak Kumar Dr. Akhil D Goel	Non-Funded COVID-19	36th Online Meeting 29/5/2020
95	AIIMS/IEC/2020/1363	Dr. Vidhi Jain	Assistant Professor	Microbiology	Assessment of Quality Improvement Initiatives for infection control in AIIMS Jodhpur	Dr. Sanjeev Misra Dr. Vijaya Lakshmi Nag Dr. Pankaj Bhardwaj Dr. Vibhor Tak Dr. Sarika P.Kombade Dr. Manoj Gupta Dr. Akhil Dhanesh Goel Mrs. Sanjeeta Dara	Non-Funded	36th Online Meeting 29/5/2020

96	AIIMS/IEC/2020/1362	Dr. Meenakshi Rao	Associate Professor	Pathology	Srratification of breast FNAC specimens by application of the International Academy of Cytology Yokohama system.	Dr. Poonam Elhence Dr. Aasma Nalwa Dr. Jyotsna Naresh Bharti Dr. Sudeep Khera Dr. Deepak Vedant Dr. Vikarn Vishwajeet	Non-Funded	36th Online Meeting 29/5/2020
97	AIIMS/IEC/2020/1398	Dr. Maya Gopalakrishnan	Assistant Professor	Medicine	Characteristics and outcomes of patients presenting to Emergency Department during, pre-and post- COVID-19 lockdown containment	Dr. Satyendra Khichar Dr. Gopal Krishna Bohra Dr. Mahaveer Singh Rodha Dr. M.K.Garg	Non-Funded- COVID-19	36th Online Meeting 29/5/2020
98	AIIMS/IEC/2020/1372	Dr. Maya Gopalakrishnan	Assistant Professor	Medicine	Clinical profile and outcome of patients admitted with acute poisoning in a tertiary care hospital, Rajasthan	Dr. Satyendra Khichar Dr. M.K.Garg	Non-Funded	36th Online Meeting 29/5/2020
99	AIIMS/IEC/2020/1364	Dr. Kuldeep Singh	Professor & Head	Pediatrics	Improving Quality of Medical Education through evaluation of multiple thematic opportunities in instructional methods and Assessment created during COVID-19 Pandemic	Dr. Sanjeev Misra Dr. Shilpi Gupta Dixit Dr. Abhinav Dixit Dr. Abhishek Bhardwaj Dr. Pradeep Dwivedi Dr. Shival Srivastav Dr. Praveen Sharma Dr. Mukesh Chandra Sharma	Non-Funded COVID-19	36th Online Meeting 29/5/2020
100	AIIMS/IEC/2020/1368	Dr. Kuldeep Singh	Professor & Head	Pediatrics	Online Microteaching Comparison of two methods for Faculty Teaching Skills during COVID-19 and Post COVID-19	Dr. Sanjeev Misra Dr. Pratibha Singh Dr. Shilpi Gupta Dixit Dr. Abhinav Dixit Dr. Abhishek Bhardwaj Dr. Pradeep Dwivedi Dr. Shival Srivastav Dr. Praveen Sharma Dr. Mukesh Chandra Sharma	Non-Funded COVID-19	36th Online Meeting 29/5/2020
101	AIIMS/IEC/2020/1366	Dr. Manisha Jhirwal	Assistant Professor	Obstetrics & Gynaecology	Understanding Awareness about COVID-19 in pregnant women: A questionnaire based study	Dr. Charu Sharma Dr. Shashank Shekhar Dr. Pratibha Singh	Non-Funded COVID-19	36th Online Meeting 29/5/2020

102	AIIMS/IEC/2020/1222	Dr. Manbir Kaur	Senior Resident	Anaesthesiology and Critical Care	Acute Normovolemic Hemodilution in Intracranial Meningiomas, Arteriovenous Malformations and High Grade Vascular Brain Tumor Surgeries- A Prospective Randomized Controlled Study	Dr. Pradeep Bhatia Dr. Swati Chhabra Dr. Deepak Kumar Jha Dr. Archana Bajpai Dr. Jaskaran Singh Gosal	Non-Funded	36th Online Meeting 29/5/2020
103	AIIMS/IEC/2020/1300	Guide: Dr. Ashok Kumar Student- Mohammad Arif	Associate Professor	College of Nursing	A study to assess the knowledge, practice and barriers of compliance regarding (CLABSI) Bundle among nurses working in ICUs of AIIMS Jodhpur.	Dr. Nikhil Kothari Mrs. Vandna Pandey	Student Research Group	36th Online Meeting 29/5/2020
104	AIIMS/IEC/2020/1285	Guide: Dr. Ashok Kumar Student: Ritika	Associate Professor	College of Nursing	Development of quality improvement check list for nurses in critical care units at AIIMS Jodhpur	Dr. Nikhil Kothari Mr. Nipin Kalal	Student Research Group	36th Online Meeting 29/5/2020
105	AIIMS/IEC/2020/1283	Guide: Dr. Ashok Kumar Student: Ms. Babli	Associate Professor	College of Nursing	Lived experiences of CKD patient undergoing haemodialysis at AIIMS Jodhpur	Dr. Nitin Kumar Bajpai Mrs. Vandna Pandey	Student Research Group	36th Online Meeting 29/5/2020
106	AIIMS/IEC/2020/1298	Guide: Dr. Ashok Kumar Student: Shweta Sharma	Associate Professor	College of Nursing	A study to assess the quality of life among epilepsy patients at AIIMS, Jodhpur with a view to develop an information booklet	Dr. Samhita Panda Mrs. Nimarta	Student Research Group	36th Online Meeting 29/5/2020
107	AIIMS/IEC/2020/1282	Guide: Dr. Ashok Kumar Student: Ms. Sunita Kumari Chaudhary	Associate Professor	College of Nursing	Awareness and attitude regarding prevention of stroke among hypertensive patients attending OPD at AIIMS Jodhpur with a view to develop an information booklet.	Dr. Samhita Panda Mrs. Nimarta	Student Research Group	36th Online Meeting 29/5/2020

108	AIIMS/IEC/2020/1297	Guide: Mrs. Vandna Pandey Student: Ms. Jyoti Rathore	Lecturer	College of Nursing	Effectiveness of video assisted educational program regarding prevention of oral mucositis in terms of knowledge and expressed practices among patients receiving radiotherapy at AIIMS Jodhpur	Dr. Puneet Pareek Dr. Ashok Kumar	Student Research Group	36th Online Meeting 29/5/2020
109	AIIMS/IEC/2020/1296	Guide: Mrs. Vandna Pandey Student: Ms. Neha Patiyal	Lecturer	College of Nursing	Lived experience of post mastectomy women at AIIMS Jodhpur.	Dr. Puneet Pareek Dr. Ashok Kumar	Student Research Group	36th Online Meeting 29/5/2020
110	AIIMS/IEC/2020/1295	Guide: Mrs. Vandana Pandey Student: Ms. Kirti Pandey	Lecturer	College of Nursing	Lived experience of patient with Total knee replacement attending orthopaedic OPD at AIIMS, Jodhpur	Dr. Abhay Elhence Mrs. Nimarta	Student Research Group	36th Online Meeting 29/5/2020
111	AIIMS/IEC/2020/1281	Guide: Mrs. Vandna Pandey Student: Mr. Pranveer Singh Rangji	Lecturer	College of Nursing	A study to assess the risk factors of osteoporosis among women attending OPDS of AIIMS Jodhpur	Dr. Abhay Elhence Mr. Nipin Kalal	Student Research Group	36th Online Meeting 29/5/2020
112	AIIMS/IEC/2020/1280	Guide: Mrs. Remiya Mohan Student: Ms. Pratibha Sharma	Lecturer	College of Nursing	Health promoting behaviour and its barriers among adolescents at selected urban school of Jodhpur	Dr. Daisy Khara Mr. Mukesh Chandra Sharma	Student Research Group	36th Online Meeting 29/5/2020
113	AIIMS/IEC/2020/1303	Guide: Mr. Mukesh Chandra Sharma Student: Ms. Thereasa Jose	Associate Professor	College of Nursing	Development of tool to measure preoperative parental anxiety for parents of children admitted for surgery in Paediatric ward at AIIMS Jodhpur	Dr. Tanu Gupta Mrs. Remiya Mohan	Student Research Group	36th Online Meeting 29/5/2020
114	AIIMS/IEC/2020/1294	Guide: Mr. Himanshu Vyas Student: Mr. Ghan shyam	Associate Professor	College of Nursing	Effectiveness of nurse led educational intervention package on back pain and activity of daily living among primigravidae with back pain at AIIMS Jodhpur	Dr. Shashank Shekhar Dr. Nitesh Gonnade	Student Research Group	36th Online Meeting 29/5/2020

115	AIIMS/IEC/2020/1293	Guide: Mr. Himanshu Vyas Student: Ms. Kanchan Sharma	Associate Professor	College of Nursing	Fear of child birth and its contributing factors among prim gravidae at AIIMS Jodhpur	Dr. Meenakshi Gothwal Mrs. Mamta	Student Research Group	36th Online Meeting 29/5/2020
116	AIIMS/IEC/2020/1292	Guide: Mr. Himanshu Vyas Student: Ms. Nisha Yadav	Associate Professor	College of Nursing	Effectiveness of prenatal lactation counselling on breastfeeding practices, breast engorgement and newborn feeding behaviour among postnatal mothers at AIIMS Jodhpur	Dr. Manu Goyal Mrs. Mamta	Student Research Group	36th Online Meeting 29/5/2020
117	AIIMS/IEC/2020/1284	Guide: Mr. Himanshu Vyas Student: Ms. Sujata Jha	Associate Professor	College of Nursing	Effect of birthing ball exercise on labour pain, and labour outcome among primigravidae parturient mothers at AIIMS Jodhpur	Dr. Pratibha Singh Mrs. Mamta	Student Research Group	36th Online Meeting 29/5/2020
118	AIIMS/IEC/2020/1279	Guide: Mrs. Gomathi A. Student: Neha Rai	Associate Professor	College of Nursing	Knowledge regarding Effects of tobacco use among adolescents at selected Urban school. Jodhpur with a view to develop the information booklet regarding effects of tobacco use.	Mrs. Mamta	Student Research Group	36th Online Meeting 29/5/2020
119	AIIMS/IEC/2020/1291	Guide: Mrs. Mamta Student: Ms. Poonam Negi	Lecturer	College of Nursing	Utilization of services and level of satisfaction among beneficiaries under Janani Shishu Suraksha Karyakram at selected urban area of Jodhpur	Mrs. Gomathi A	Student Research Group	36th Online Meeting 29/5/2020
120	AIIMS/IEC/2020/1290	Guide: Mr. Aashish Parihar Student: Ms. Anu Panwar	Lecturer	College of Nursing	Factors responsible for the perceived stigma and discrimination of patients with mental illness among people of selected urban and rural communities of Jodhpur.	Dr. Navratan Suthar	Student Research Group	36th Online Meeting 29/5/2020

121	AIIMS/IEC/2020/1289	Guide:- Mr. Aashish Parihar Student: Ms.Madhubala	Lecturer	College of Nursing	Effectiveness of recreational therapy on stress among old age people in selected old age home, Jodhpur	Dr. Tanu Goyal	Student Research Group	36th Online Meeting 29/5/2020
122	AIIMS/IEC/2020/1278	Guide: Mr. Aashish Parihar Student: Ms.Ritu	Lecturer	College of Nursing	Level of depression among patient with cancer at AIIMS, Jodhpur with a view to develop an instructional booklet on psychological wellbeing.	Dr. Mukesh Kumar	Student Research Group	36th Online Meeting 29/5/2020
123	AIIMS/IEC/2020/1288	Guide: Mr. Aashish Parihar Student: Mr.Suman Bhatia	Lecturer	College of Nursing	Knowledge and burden among care givers regarding care of the patients with schizophrenia at psychiatric OPD AIIMS, Jodhpur with a view to develop an information booklet.	Dr. Pratibha Gehlawat	Student Research Group	36th Online Meeting 29/5/2020
124	AIIMS/IEC/2020/1277	Guide: Dr. Shashank Shekhar Student: Mr.Ashu Ranga	Additional Professor	School of Public Health	Utilization of PPIUCD among females of Urban and Rural Jodhpur	Dr. Pankaj Bhardwaj Dr. Nitin Joshi	Student Research Group	36th Online Meeting 29/5/2020
125	AIIMS/IEC/2020/1287	Guide: Dr. Pankaj Bhardwaj Student: Dr. Neha Mantri	Additional Professor	School of Public Health	Need and Approach for GIS Mapping of Accident Hot Spots and Access to Trauma centers in Developing Country	Dr. Nitin Joshi	Student Research Group	36th Online Meeting 29/5/2020
126	AIIMS/IEC/2020/1276	Guide: Dr. Kuldeep Singh Student: Dr. Tahira Parveen	Professor & Head	School of Public Health	School children training for basic life support: Need & Approach	Dr. Nikhil Kothari Dr. Pankaj Bhardwaj Dr. Nitin Kumar Joshi	Student Research Group	36th Online Meeting 29/5/2020
127	AIIMS/IEC/2020/1301	Guide: Dr. Pankaj Bhardwaj Student: Dr. Musarrat Siddiqui	Additional Professor	School of Public Health	One Health Approach to Rabies Control in Jodhpur: Challenges and way forward	Dr. Nitesh Kumar Dr. Manda, CMHO, Jodhpur	Student Research Group	36th Online Meeting 29/5/2020

128	AIIMS/IEC/2020/1311	Guide: Dr. Deepak Kumar Student: Dr. Jayshree Shekhawat	Assistant Professor	School of Public Health	Implementation challenges of Integrated Disease Surveillance Program in Jodhpur, Rajasthan during 2015-2019	Dr. Pankaj Bhardwaj	Student Research Group	36th Online Meeting 29/5/2020
129	AIIMS/IEC/2020/1310	Guide: Dr. Amit Goyal Student: Dr. Ankita Bhati	Additional Professor	School of Public Health	Prevalence of hearing disorders among school children in Jodhpur district: A cross-sectional study	Dr. Pankaj Bhardwaj	Student Research Group	36th Online Meeting 29/5/2020
130	AIIMS/IEC/2020/1309	Guide: Dr. Nitin Bajpai, Dr. Manish Chaturvedi Student: Dr. Sonali Bhattacharya	Additional Professor	School of Public Health	The influence of dietary and environmental factors on the risk of renal stone formation	Dr. Pankaj Bhardwaj	Student Research Group	36th Online Meeting 29/5/2020
131	AIIMS/IEC/2020/1302	Guide: Dr. Akhil Dhanesh Goel Student: Dr. Oshi Chaturvedi	Assistant Professor	School of Public Health	Assessment of healthcare delivery and rehabilitation support provided to silicosis patients in Jodhpur	Dr. Pankaj Bhardwaj Dr. Nitin Joshi	Student Research Group	36th Online Meeting 29/5/2020
132	AIIMS/IEC/2020/1299	Guide: Dr. Nishant Chauhan Student: Dr. Nancy Bhardwaj	Additional Professor	School of Public Health	Notification of TB patients, a step towards achieving TB elimination: Current status & challenges	Dr. Pankaj Bhardwaj Dr. Nitin Joshi	Student Research Group	36th Online Meeting 29/5/2020
133	AIIMS/IEC/2020/1308	Guide: Dr. Kuldeep Singh Student: Ipsa Kutlehrria	Professor & Head	School of Public Health	Measles-Rubella vaccination campaign in Jodhpur district: Drivers and Barriers.	Dr. Pankaj Bhardwaj Dr. Nitin Joshi	Student Research Group	36th Online Meeting 29/5/2020
134	AIIMS/IEC/2020/1307	Guide: Dr. Pravin Kumar Student: Dr. Mahima Choudhary	Professor & Head	School of Public Health	Oral health status, treatment needs and related expenditure among patients visiting urban and rural PHCs of Jodhpur	Dr. Pankaj Bhardwaj	Student Research Group	36th Online Meeting 29/5/2020

135	AIIMS/IEC/2020/1306	Guide: Dr. Pratibha Singh Student: Dr. Mogalipuri Anusha	Professor & Head	School of Public Health	Assessment of antenatal services under Pradhan Mantri Surakshit Matrutva Abhiyan (PMSMA) in rural and urban areas of Jodhpur	Dr. Pankaj Bhardwaj Dr. Nitin Joshi	Student Research Group	36th Online Meeting 29/5/2020
136	AIIMS/IEC/2020/1305	Guide: Dr. Pankaj Bhardwaj Student: Himani	Additional Professor	School of Public Health	Assessing comprehensive health needs for developing package IEC model tool kit for destitute females in Jodhpur.	Dr. Nitin Joshi	Student Research Group	36th Online Meeting 29/5/2020
137	AIIMS/IEC/2020/1304	Guide: Dr. Nitin Bajpai Student: Dr. Kajal Yadav	Assistant Professor	School of Public Health	Barriers and Drivers towards Deceased Organ Donation in Rajasthan	Dr. Pankaj Bhardwaj	Student Research Group	36th Online Meeting 29/5/2020
138	AIIMS/IEC/2020/1286	Guide: Dr. Manoj Kumar Gupta Student: Abhilipsa Pradhan	Associate Professor	School of Public Health	Assessment of implementation status of Bhamashah Swasthya Bima Yojana: Challenges and way forward	Dr. Pankaj Bhardwaj	Student Research Group	36th Online Meeting 29/5/2020
139	AIIMS/IEC/2020/1382	Guide: Dr. Ashok Kumar Student: Bindiya	Associate Professor	College of Nursing	A study to assess the burden and treatment seeking behaviour in CKD Patients attending nephrology OPD in AIIMS, Jodhpur	Mr. Nipin Kalal Dr. Nitin Bajpai	Student Research Group	36th Online Meeting 29/5/2020
140	AIIMS/IEC/2020/1374	Dr. Ravisekhar Gadepalli	Associate Professor	Microbiology	Viral RNA Shedding and Transmission Potential of Asymptomatic and Paucisymptomatic COVID-19 Infections	Dr. Vijaya Lakshmi Nag Prof. Sanjeev Misra Dr. M.K.Garg Dr. Pankaj Bhardwaj Dr. Naveen Dutt Dr. Manoj Kumar Gupta Dr. Ramniwas Dr. Deepak Kumar Dr. Akhil Dhanesh Goel Dr. Suman Saurabh	Intramural/COVID	37th Online Meeting 8/6/2020
141	AIIMS/IEC/2020/1375	Dr. Shoban Babu Varthya	Assistant Professor	Pharmacology	Efficacy of sulfonylureas in patients with polymorphism in KCNJ11-ABCC8 genetic locus: A prospective cohort study in Type 2 diabetic mellitus patients in Western Rajasthan	Dr. Pradeep Dwivedi Dr. Mahendra Kumar Garg Dr. Sneha Ambwani	Extramural/CMR	37th Online Meeting 8/6/2020

142	AIIMS/IEC/2020/1381	Dr. Himanshu Pandey	Associate Professor	Urology	Telemedicine in Indian urology during COVID-19 pandemic: A call for the application of new technologies to managing patient care	Dr. Gautam Ram Choudhary Dr. Mahendra Singh Dr. Vijay Kumar Sarma Madduri Dr. Aaron Jain	Non-Funded- COVID-19	37th Online Meeting 8/6/2020
143	AIIMS/IEC/2020/1376	Dr. Pankaj Bhardwaj	Additional Professor	CMFM/SPH	Evaluation of Efficacy and Safety of Ayurveda Intervention (Ayush-64) add-on therapy for patients with COVID-19 infection (Stage I) - An open labelled, Parallel Group, Randomized controlled clinical trial	Dr. Sanjeev Misra Dr. Praveen Sharma Dr. Vijaya Lakshmi Nag Dr. Nishant Chauhan Dr. Naveen Dutt Dr. Jaykaran Charan Dr. Naresh Midha Dr. Rmniwas Dr. Meenakshi Sharma	Extramural (National Institute of Ayurveda) COVID-19	37th Online Meeting 8/6/2020
144	AIIMS/IEC/2020/1377	Dr. Varuna Vyas	Assistant Professor	Pediatrics	Telehealth in diabetes in the time of COVID-19 pandemic	Dr. Kuldeep Singh Dr. M.K.Garg Dr. Siyaram Didel	Funded COVID-	37th Online Meeting 8/6/2020
145	AIIMS/IEC/2020/1378	Dr. Mahendra Singh	Assistant Professor	Urology	A survey on "Impact of Habits, Attitude and Practice Pattern of Urologist after COVID-19 outbreak	Dr. Pankaj Bhardwaj Dr. Prateek Gupta Dr. Himanshu Pandey Dr. Gautam Ram Choudhary Dr. Vijay Kumar Sarma Madduri	Non-Funded COVID-19	37th Online Meeting 8/6/2020
146	AIIMS/IEC/2020/1382	Dr. Himanshu Pandey	Associate Professor	Urology	To study and validate the role of Biparametric prostate Magnetic Resonance Imaging for the detection of clinically significant prostate cancer in newly diagnosed patients and its relation with prostate cancer bio-markers	Dr. Binit Sureka Dr. Mahendra Singh Dr. Gautam Ram Choudhary Dr. Vijay Kumar Sarma Madduri Dr. Poonam Elhence	Non-Funded	37th Online Meeting 8/6/2020
147	AIIMS/IEC/2020/1379	Dr. Satya Prakash Meena	Assistant Professor	General Surgery	Awareness and experience of health care workers during COVID-19	Dr. Ashok Puranik Dr. Naveen Sharma Dr. Mahaveer Rodha Dr. Manisha Jhirwal	Funded COVID-	37th Online Meeting 8/6/2020

148	AIIMS/IEC/2020/1380	Dr. Mahaveer Singh Rodha	Additional Professor	General Surgery	COVID-19 infection among patients undergoing any elective intervention in AIIMS Jodhpur: An observational study	Dr. Mayank Badkur Dr. Satya Prakash Dr. Nikhil Kothari Dr. Naveen Dutt Dr. Naveen Sharma Dr. Arvind Sinha	Non-Funded- COVID-19	37th Online Meeting 8/6/2020
149	AIIMS/IEC/2020/1383	Dr. Himanshu Pandey	Associate Professor	Urology	Single post-operative instillation of Gemcitabine vs Mitomycin C in patients with Non-Muscle-invasive Transitional Cell Carcinoma of the Bladder : A single centre open level study	Dr. Gautam Ram Choudhary Dr. Mahendra Singh Dr. Vijay Kumar Sarma Madduri	Non-Funded	37th Online Meeting 8/6/2020
150	AIIMS/IEC/2020/1384	Dr. Himanshu Pandey	Associate Professor	Urology	A prospective cohort study of incidence of bacteraemia and infective endocarditis after cystoscopy - in Indian population	Dr. Alok Kumar Sharma Dr. Gautam Ram Choudhary Dr. Mahendra Singh Dr. Vijay Kumar Sarma Madduri Dr. Likhiteswer Pallagani	Non-Funded	37th Online Meeting 8/6/2020
151	AIIMS/IEC/2020/1385	Dr. Bikram Choudhary	Assistant Professor	Otorhinolaryngology (ENT)	Changes in the investigation and management patterns of ENT emergencies in a tertiary care hospital during the COVID-19 era. A retrospective review with historical controls	Dr. Amit Goyal Dr. Darwin Kaushal Dr. Kapil Soni Dr. Neha Shakrawal Dr. Nikhil Rajan	Non-Funded- COVID-19	37th Online Meeting 8/6/2020
152	AIIMS/IEC/2020/1386	Dr. Suman Saurabh	Assistant Professor	School of Public Health	Dynamics of SARS-CoV-2 transmission among evacuees quarantined at Jaisalmer, India	Dr. Pankaj Bhardwaj Dr. Nitesh Kumar	Non-Funded- COVID-19	37th Online Meeting 8/6/2020
153	AIIMS/IEC/2020/1387	Dr. Charu Sharma	Assistant Professor	Obstetrics & Gynaecology	Maternal and Foetal outcomes and multidisciplinary management of Placenta Accreta Spectrum (PAS) within a single tertiary centre	Dr. Shashank Shekhar Dr. Manisha Jhirwal Dr. Pratibha Singh Dr. Meenakshi Gothwal Dr. Manu Goyal Dr. Binit Surekha	Non-Funded	37th Online Meeting 8/6/2020
154	AIIMS/IEC/2020/1388	Dr. Manisha Jhirwal	Assistant Professor	Obstetrics & Gynaecology	Decreasing the duration of point of decision to getting NST done: Quality improvement	Dr. Shashank Shekhar Dr. Charu Sharma Dr. Pratibha Singh	Non-Funded	37th Online Meeting 8/6/2020

155	AIIMS/IEC/2020/1389	Dr. Vaibhav Kumar Varshney	Assistant Professor	Surgical Gastroenterology	Bacterial flora in the bile : Clinical implications and sensitivity pattern from a tertiary care centre	Dr. Subhash Soni Dr. Sarika Prabhakar Kombade Dr. Akhil Dhanesh Goel Dr. Vijaya Lakshmi Nag	Non-Funded	37th Online Meeting 8/6/2020
156	AIIMS/IEC/2020/1390	Dr. Nitesh Gahlot	Associate Professor	Orthopaedics	Reliability assessment of the ten-column classification of tibial plateau fractures as compared to standard classification systems	Prof. Abhay Elhence Dr. Akshat Gupta	Non-Funded	37th Online Meeting 8/6/2020
157	AIIMS/IEC/2020/1391	Dr. Bharat Choudhary	Assistant Professor	Trauma & Emergency	Pattern of paediatric emergency visits during lockdown period	Dr. Devansh Sharma Dr. Kuldeep Singh	Non-Funded	37th Online Meeting 8/6/2020
158	AIIMS/IEC/2020/1392	Dr. Nitesh Gahlot	Associate Professor	Orthopaedics	Outcome assessment of the subtalar arthroscopy	None	Non-Funded	Online Meeting 8/6/2020
159	AIIMS/IEC/2020/1393	Dr. Nitesh Gahlot	Associate Professor	Orthopaedics	Evaluation of knee ligament injuries and outcome assessment of surgical and non-surgical management	None	Non-Funded	37th Online Meeting 8/6/2020
160	AIIMS/IEC/2020/1229	Dr. Shrimanjunath Sankana goudar	Assistant Professor	Biochemistry	Study the association between glycemic status and severity of sepsis using glycated hemoglobin	Dr. Praveen Sharma Dr. Nikhil Kothari Dr. Arun Sinha	Non-Funded	37th Online Meeting 8/6/2020
161	AIIMS/IEC/2020/1394	Dr. Gautam Ram Choudhary	Associate Professor	Urology	Retrospective Data analysis of Renal cell carcinoma	Dr. Himanshu Pandey Dr. Vijay Kumar Sarma Madduri Dr. Mahendra Singh Dr. Likhiteswer Pallagani	Non-Funded	37th Online Meeting 8/6/2020
162	AIIMS/IEC/2020/1395	Dr. Mahaveer Singh Rodha	Additional Professor	General Surgery	Early Surgical treatment of chest trauma in AIIMS Jodhpur	Dr. Ramkaran Chaudhary Dr. Ashok Puranik Dr. Mayank Badkur Dr. Satya Prakash Dr. Naveen Sharma Dr. Surendra Patel	Non-Funded	37th Online Meeting 8/6/2020
163	AIIMS/IEC/2020/1396	Dr. Abhinav Dixit	Additional Professor	Physiology	Effect of a face masks on cognitive and cardiorespiratory parameters at rest and exercise	Prof. Sanjeev Misra Dr. Om Lata Bhagat Dr. Shival Srivastav	Non-Funded	37th Online Meeting 8/6/2020

164	AIIMS/IEC/2020/1406	Dr. Akhil Dhanesh Goel	Assistant Professor	Community Medicine & Family Medicine	Quantiferon-TB GOLD (IGRA) levels and Clinical Outcomes in COVID-19 patients	Dr. Sanjeev Misra Dr. Vijaya Lakshmi Nag Dr. Pankaj Bhardwaj Dr. Naveen Dutt Dr. M.K.Garg Dr. Pradeep Bhatia Dr. Praveen Sharma Dr. Ravisekher Gadepalli Dr. Manoj Kumar Gupta Dr. Suman Saurabh	Intramural-COVID-19	38th Online Meeting 1/7/2020
165	AIIMS/IEC/2020/1409	Dr. Samhita Panda	Additional Professor & Head	Nephrology	HTA of National Stroke Care Registry Programme- Development of Hospital Based Stroke Registries (HBSR) in different regions of India	Dr. Pushpinder S. Khera Dr. Sarbesh Tiwari Dr. Naresh Midha Dr. Mayank Garg	Extramural ICMR-NCDIR	38th Online Meeting 1/7/2020
166	AIIMS/IEC/2020/1415	Dr. Pankaj Bhardwaj	Additional Professor	School of Public Health	A Combined model study to investigate the challenges faced by Frontline health managers at district level in this time of Pandemic of COVID-19 Multicentric approach.	Dr. Manoj Kumar Gupta Dr. Akhil Dhanesh Goel Dr. Suman Saurabh	Extramural ICMR COVID-19	38th Online Meeting 1/7/2020
167	AIIMS/IEC/2020/1400	Dr. Kamlesh Kumari	Assistant Professor	Anaesthesiology and Critical Care	Psychosocial impact and coping strategies of frontline healthcare workers in Western Rajasthan during COVID-19 pandemic	Dr. Pradeep Bhatia Dr. Swati Chhabra Dr. Manoj Kamal Dr. Kriti Chaudhary Dr. Ashok Kumar	Non-Funded COVID-19	38th Online Meeting 1/7/2020
168	AIIMS/IEC/2020/1418	Dr. Vidhu Sharma	Senior Resident	Otorhino-laryngology	Assessment of Auditory Pathways using Magnetic Resonance Imaging with Diffusion Tensor Imaging in Patients with Severe to Profound Hearing Loss	Dr. Amit Goyal Dr. Pushpinder Khera	Non-Funded	38th Online Meeting 1/7/2020

169	AIIMS/IEC/2020/1401	Dr. Arunima Saini	Senior Resident	Obstetrics & Gynaecology	Retrospective analysis of rate and risk factors for conversion of gynaecological minimal invasive surgeries to open in tertiary care centre	Dr. Meenakshi Gothwal Dr. Pratibha Singh Dr. Garima Yadav Dr. Charu Sharma Dr. Priyanka Kathuria	Non-Funded	38th Online Meeting 1/7/2020
170	AIIMS/IEC/2020/1402	Prof. Arvind Sinha	Professor & Head	Pediatric Surgery	To evaluate the challenges faced by healthcare team during the elective surgeries performed during COVID-19 pandemic in pediatric population	Dr. Rahul Saxena Dr. Kirtikumar J Rathod Dr. Manish Pathak Dr. Avinash Jadhav Dr. Tanmay Motiwala	Non-Funded COVID-19	38th Online Meeting 1/7/2020
171	AIIMS/IEC/2020/1404	Dr. Shival Srivastav	Assistant Professor	Physiology	Comparison of ultra-short and short term HRV measures in patients with diabetes mellitus	Dr. Om Lata Bhagat Dr. Ravindra Kumar Shukla Dr. Mahesh Gadhvi	Non-Funded	38th Online Meeting 1/7/2020
172	AIIMS/IEC/2020/1412	Dr. Apoorva Tak	Senior Resident	Obstetrics & Gynaecology	Spectrum of Hematological indices in Preclampsia	Dr. Pratibha Singh Dr. Meenakshi Gothwal Dr. Garima Yadav Dr. Priyanka Kathuria Dr. Manisha Jhirwal Dr. Aasma Nalwa	Non-Funded	38th Online Meeting 1/7/2020
173	AIIMS/IEC/2020/1411	Dr. Nipin Kalal	Assistant Professor	College of Nursing	Psychological experience of Nursing officers caring COVID-19 Patients at AIIMS, Jodhpur	Dr. Ashok Kumar Dr. Raj Rani Dr. Navratan Suthar Mr. Himanshu Vyas Mr. Vikas Choudhary	Non-Funded COVID-19	38th Online Meeting 1/7/2020
174	AIIMS/IEC/2020/1413	Dr. Suman Saurabh	Assistant Professor	Community Medicine & Family Medicine	Estimation of serial interval of COVID-19 and duration of persistence of SARS-CoV-2 in the upper respiratory tract of infected individuals in Jodhpur, India	Dr. Pankaj Bhardwaj Dr. Manoj Kumar Gupta	Non-Funded COVID-19	38th Online Meeting 1/7/2020
175	AIIMS/IEC/2020/1416	Dr. Prashant Kumar Singh	Senior Resident	Community Medicine & Family Medicine	Assessment of Health Needs and Quality of Life among Silica-exposed Workers and their Families of Jodhpur in COVID-19 setting- A Mixed-method Approach	Dr. Pankaja Ravi Raghav	Non-Funded COVID-19	38th Online Meeting 1/7/2020

176	AIIMS/IEC/2020/1414	Dr. Sanjeev Misra	Director	AIIMS, Jodhpur	Determinants of Mortality due to COVID-19 in India.	Dr. Pankaj Bhardwaj Dr. Akhil Dhanesh Goel Dr. Deepak Kumar Dr. Naveen Dutt	Non-Funded COVID-19	38th Online Meeting 1/7/2020
177	AIIMS/IEC/2020/1423	Dr. Alka Tripathi Dr. Richa Agrawal	Assistant Professor	AIIMS, Gorakhpur, Ophthalmology	Awareness and prevalence of diabetic retinopathy among diabetic patients visiting a tertiary care centre in North India	Dr. Pradop Kharya Dr. Akansha	Non-Funded	38th Online Meeting 1/7/2020
178	AIIMS/IEC/2020/1417	PI: Dr. Shoban Babu Varthya Co-PI: Dr. Pradeep Dwivedi	Assistant Professor Associate Professor	Pharmacology	Chronic comorbidities and COVID-19 : A cross-sectional study to assess the Drug Utilisation Pattern and the outcome in COVID Patients with Chronic Comorbidities	Dr. Naveen Dutt Dr. Srikanth Srinivasan Dr. Mahendra Kumar Garg Dr. Sneha Ambwani	Non-Funded COVID-19	38th Online Meeting 1/7/2020
179	AIIMS/IEC/2020/1422	Guide: Prof. (Dr.) Mariam OJ Student: Mr. Himanshu Vyas	Associate Professor	College of Nursing	Assessment of quality of maternal and newborn services and their impact on maternal-fetal outcome and maternal satisfaction at selected primary health centers of Rajasthan	Dr. Pankaj Bhardwaj	Ph.D. Dissertation	38th Online Meeting 1/7/2020
180	AIIMS/IEC/2020/1430	Dr. Bharat Choudhary	Assistant Professor	Trauma and Emergency (Paediatrics)	Impact of Tele-Simulation on Resident Knowledge and Team Work in COVID-19 Era	Dr. Daisy Khera Dr. Kuldeep Singh	Extramural COVID-19	38th Online Meeting 1/7/2020
181	AIIMS/IEC/2020/1445	Dr. Sanjeev Misra	Director & CEO	Surgical Oncology	Preventing Pulmonary Complications in Surgical Patients at Risk of COVID-19 (PROTECT-Surg Trial)	Dr. Jeewan Ram Vishnoi Dr. Mahaveer Singh Rodha Dr. Naveen Sharma Dr. Ramkaran Choudhary	Clinical Trial	38th Online Meeting Expedited Review 23/7/2020
182	AIIMS/IEC/2020/1446	Dr. Sanjeev Misra	Director & CEO	Surgical Oncology	Cluster randomised trial of sterile glove and instrument change at the time of wound closure to reduce surgical site infection (ChEETAH Trial)	Dr. Jeewan Ram Vishnoi Dr. Mahaveer Singh Rodha Dr. Naveen Sharma Dr. Ramkaran Choudhary	Clinical Trial	38th Online Meeting Expedited Review 23/7/2020

183	AIIMS/IEC/2020/1447	Dr. Sanjeev Misra	Director & CEO	Surgical Oncology	Perioperative respiratory care and outcome for patients undergoing high risk abdominal surgery (PENgUIN Trial)	Dr. Jeewan Ram Vishnoi Dr. Mahaveer Singh Rodha Dr. Naveen Sharma Dr. Ramkaran Choudhary Dr. Pradeep Kumar Bhatia Dr. Nikhil Kothari	Clinical Trial	Meeting Expedited Review
184	AIIMS/IEC/2020/1488	Dr. Abhishek Purohit	Associate Professor	Pathology	Evaluation of pathological findings in clinical autopsies of COVID-19 deaths at AIIMS, Jodhpur	Prof. Sanjeev Misra Prof. M.K.Garg Prof. Vijaya Lakshmi Nag Prof. Pradeep Bhatia Prof. Poonam Elhence Dr. Naveen Dutt Dr. Tanuj Kanchan Dr. Deepak Sharma Dr. Vikarn Vishwajeet	Non-Funded COVID-19	38th Online Meeting Expedited Review 29/7/2020
185	AIIMS/IEC/2020/1489	Dr. Pankaj Bhardwaj	Additional Professor	Community Medicine & Family Medicine	National Clinical Registry for COVID-19	Dr. Kuldeep Singh Dr. Manoj Kumar Gupta Dr. Deepak Kumar Dr. Akhil Dhanesh Goel Dr. Suman Saurabh	Extramural	38th Online Meeting Expedited Review 10/8/2020
186	AIIMS/IEC/2020/1493	Dr. Sanjeev Misra	Director, AIIMS Jodhpur	Surgical Oncology	Establishment of DHR-ICMR Advanced Molecular Oncology Diagnostic Services (DIAMOnDS)	Dr. Poonam Elhence Dr. Puneet Pareek Dr. Jeewan Ram	Extramural DHR-ICMR	39th Online Meeting 31/08/2020
187	AIIMS/IEC/2020/1431	Dr. Praveen Sharma	Professor & Head	Biochemistry	Nutritional status assessment using Nutrition-TB application, counselling and its correlation with serum parameters in pulmonary and extra pulmonary tuberculosis patients of Rajasthan	Dr. Mithu Banerjee Dr. Presenjit Mitra Dr. Jyotsna Bhagirath Jaju Dr. Pilla VSN Kiran Kumar	Extramural	39th Online Meeting 31/08/2020
188	AIIMS/IEC/2020/1495	Dr. Vaibhav Kumar Varshney	Assistant Professor	Surgical Gastro-enterology	Database creation for computational predictive analysis of treatment response assessment in Esophageal cancer patients in India	Dr. Puneet Pareek Dr. Subhash Soni Dr. Jeewan Ram Vishnoi	Extramural ICMR	39th Online Meeting 31/08/2020
189	AIIMS/IEC/2020/1481	Dr. Kuldeep Singh	Professor & Head	School of Public Health	Assessment of cost and effect of minimal task shifting for delivery of Gentamicin by ANM's to manage neonatal sepsis before referral	Dr. Vibha Joshi Dr. Pankaj Bhardwaj Dr. Neeraj Gupta Dr. Nitin Joshi	Extramural Department of Health Research	39th Online Meeting 31/08/2020

190	AIIMS/IEC/2020/1455	Dr. Mithu Banerjee	Additional Professor	Biochemistry	Preparation of directory of treated patients of SARS- COVID-19 for Convalescent plasma therapy based on seroprevalence	Dr. Pankaj Bhardwaj Dr. Praveen Sharma Dr. Prasenjit Mitra Dr. Archana Bajpayee Dr. Sanjeev Misra	Intramural-COVID-19	39th Online Meeting 31/08/2020
191	AIIMS/IEC/2020/1498	Dr. Aliza Mittal	Assistant Professor	Paediatrics	Ambulatory blood pressure nomograms derivation for children of Indian origin and understanding their trajectory deviation from other preselected ethnic groups: A pioneer study in Indian context	Prof. Kuldeep Singh	Extramural ICMR	39th Online Meeting 31/08/2020
192	AIIMS/IEC/2020/1478	Dr. Naveen K.H.	Assistant Professor	Community Medicine & Family Medicine	Effect of tele yoga on burnout, mental health and immune markers of Health Care Workers involved in COVID-19 duty: a pilot randomized controlled trial	Dr. Pankaj Bhardwaj Dr. Srikanth S Dr. Kamla Kant Shukla Dr. Ravindra Kumar Shukla Dr. M.K.Garg Dr. Praveen Sharma Dr. Sanjeev Misra Dr. Prasanjit Mitra	Intramural-COVID-19	39th Online Meeting 31/08/2020
193	AIIMS/IEC/2020/1399	Dr. Kuldeep Singh	Professor & Head	Paediatrics	Study of Knowledge, Attitude and Practice about COVID-19 among tribal healers of district Sirahi	Dr. Pankaj Bhardwaj Dr. Pratibha Singh Dr. Naveen Dutt Dr. Samhita Panda Dr. Pradeep Dwivedi Dr. Surender Deora Dr. Abhishek Bhardwaj Dr. Rakhi Dwivedi	Non-Funded COVID-19	39th Online Meeting 31/08/2020
194	AIIMS/IEC/2020/1453	Dr. Kuldeep Singh	Professor & Head	Paediatrics	A study of challenges faced during COVID-19 by genetic patients registered in AIIMS Jodhpur: A retrospective study	Dr. Pratibha Singh Dr. Varuna Vyas Dr. Charu Sharma	Non-Funded COVID-19	39th Online Meeting 31/08/2020
195	AIIMS/IEC/2020/1408	Dr. Ramkaran Chaudhary	Additional Professor	General Surgery	Feasibility and outcome of conservative management of acute appendicitis in adults during COVID-19 pandemic	Dr. Mayank Badkur Dr. Satya Prakash Dr. Mahendra Lodha Dr. Taruna Yadav Dr. Mahaveer Singh Rodha Dr. Naveen Sharma Dr. Ashok Puranik	Non-Funded COVID-19	39th Online Meeting 31/08/2020

196	AIIMS/IEC/2020/1483	Dr. Deepak Kumar	Assistant Professor	General Medicine	Long term follow-up of patients recovered from COVID-19 - A prospective cohort study	Dr. Sanjeev Misra Dr. Mahendra Kumar Garg Dr. Praveen Sharma Dr. Vijayalakshmi Nag Dr. Pradeep Kumar Bhatia Dr. Mithu Banerjee Dr. Naveen Dutt Dr. Pankaj Bhardwaj Dr. Nishant Kumar Chauhan Dr. Binit Sureka Dr. Abhishek Purohit Dr. Gopal Krishana Bohra Dr. Surrender Deora Dr. Bharat Kumar	Non-Funded COVID-19	39th Online Meeting 31/08/2020
197	AIIMS/IEC/2020/1464	Dr. Samhita Panda	Additional Professor	Neurology	Impact of COVID-19 on the frequency, spectrum and outcomes of Guillain-Barre Syndrome in India: A Multicenter Ambispective Cohort study	Dr. Maya Gopalakrishnan	Non-Funded COVID-19	39th Online Meeting 31/08/2020
198	AIIMS/IEC/2020/1442	Dr. Siddhartha Dutta	Senior Resident	Pharmacology	Knowledge, Attitude, Practice regarding COVID-19 and associated Anxiety and Wellbeing among healthcare professionals in India: A questionnaire-based study	Dr. Sneha Ambwani Dr. Tarun Kumar Dr. Hina Lal Dr. Govind Mishra	Non-Funded COVID-19	39th Online Meeting 31/08/2020
199	AIIMS/IEC/2020/1397	Dr. Mahendra Lodha	Associate Professor	General Surgery	Clinico-epidemiological study of admitted patients in the Department of Surgery during COVID-19 pandemic	Dr. Ashok Puranik Dr. Naveen Sharma Dr. Mahaveer Singh Rodha Dr. Ramkaran Chaudhary Dr. Satya Prakash Dr. Mayank Badkur	Non-Funded COVID-19	39th Online Meeting 31/08/2020
200	AIIMS/IEC/2020/1427	Dr. Kirti Chaudhry Dutt	Associate Professor	Dentistry	Oral Health in COVID-19 patients : A descriptive cross-Sectional study	Dr. Pravin Kumar Dr. Naveen Dutt Dr. M.K.Garg Dr. Vijaya Lakshmi Nag	Non-Funded COVID-19	39th Online Meeting 31/08/2020
201	AIIMS/IEC/2020/1407	Dr. Ramniwas	Assistant Professor	Pulmonary Medicine	To study active co infections and their effect on morbidity and mortality in COVID-19 patients	Dr. M.K.Garg Dr. Vijaya Lakshmi Nag Dr. Pradeep Kumar Bhatia Dr. Praveen Sharma Dr. Naveen Dutt Dr. Nishant Chauhan Dr. Avinash	Non-Funded COVID-19	39th Online Meeting 31/08/2020

202	AIIMS/IEC/2020/1405	Dr. Bharat Choudhary	Assistant Professor	Trauma and Emergency (Paediatrics)	Clinical and Laboratory profile of children with COVID-19 infection in Western Rajasthan	Dr. Daisy Khera Dr. Jagdish Goyal Dr. Kuldeep Singh	Non-Funded COVID-19	39th Online Meeting 31/08/2020
203	AIIMS/IEC/2020/1410	Ms. Mamta	Lecturer	College of Nursing	Assessment of COVID-19 induced anxiety and protective behaviour among nursing students	Dr. Ashok Kumar Prof. (Dr.) Raj Rani Mr. Aashish Parihar Ms. Gomathi Arumugam Dr. Naresh Nebhinani	Non-Funded COVID-19	39th Online Meeting 31/08/2020
204	AIIMS/IEC/2020/1420	Dr. Kapil Soni	Associate Professor	Otorhinology	Hearing Loss in patients with COVID-19 : A Prospective, Case Control Study	Dr. Amit Goyal Dr. Bikram Choudhary Dr. Darwin Kaushal Dr. Vidhu Sharma Dr. Naveen Dutt	Non-Funded COVID-19	39th Online Meeting 31/08/2020
205	AIIMS/IEC/2020/1419	Dr. Arvind Sinha	Professor & Head	Pediatric Surgery	Comparison of Pediatric Surgical Emergencies before and after COVID-19 pandemic	Dr. Rahul Saxena Dr. Manish Pathak Dr. Kirtikumar J Rathod Dr. Avinash Jadhav Dr. Jayakumar TK	Non-Funded COVID-19	39th Online Meeting 31/08/2020
206	AIIMS/IEC/2020/1428	Dr. Shilpa Goyal	Additional Professor	Anaesthesiology and Critical Care	Assessment of Use of Protection Box for intubation/extubation during COVID-19 pandemic	Dr. Sanjeev Misra Dr. Pradeep Kumar Bhatia Dr. Amit Goyal Dr. Abhinav Dixit Dr. Shilpi Gupta Dixit Dr. Vidhu Sharma	Non-Funded COVID-19	39th Online Meeting 31/08/2020
207	AIIMS/IEC/2020/1429	Dr. Rahul Saxena	Associate Professor	Pediatric Surgery	Evaluation of the challenges and adaptation of surgeons while operating with Personal Protective Equipment during the surgeries performed in COVID-19 pandemic in a tertiary care centre	Dr. Manish Pathak Dr. Arvind Sinha Dr. Kirtikumar J Rathod Dr. Avinash Jadhav Dr. Vaibhav Varshney Dr. Ramkaran Choudhary Dr. Amit Goyal Dr. Shashank Shekhar Dr. Tanmay Motiwala	Non-Funded COVID-19	39th Online Meeting 31/08/2020
208	AIIMS/IEC/2020/1438	Dr. Anuradha Sharma	Additional Professor	Microbiology	To survey healthcare workers (HCW) on awareness and challenges with the infection prevention and control (IPC) practices during COVID-19 pandemic.	Prof. Raj Rani Prof. Naveen Sharma Dr. Darwin Kaushal	Non-Funded COVID-19	39th Online Meeting 31/08/2020
209	AIIMS/IEC/2020/1432	Dr. Anupama Bains	Assistant Professor	Dermatology, Venereology and Leprology	A survey of treatment practices among dermatologists during the COVID-19 pandemic.	Dr. Abhishek Bhardwaj Dr. Deepak Vedant Dr. Suman Saurabh	Non-Funded COVID-19	39th Online Meeting 31/08/2020

210	AIIMS/IEC/2020/1434	Dr. Tanu Gupta	Clinical Psychologist	Psychiatry	Impact of COVID-19 Pandemic and associated lock down on patients with Psychiatric illness	Dr. Mukesh Kumar Swami Dr. Naresh Nebhinani Dr. Pratibha Gehlawat Dr. Navratan Suthar	Non-Funded COVID-19	39th Online Meeting 31/08/2020
211	AIIMS/IEC/2020/1454	Dr. Sumit Banerjee	Additional Professor	Orthopaedics	How the practice of orthopaedics changed during COVID-19 pandemic: An analysis of online survey	Dr. Dharampal Swami Dr. Abhay Elhence Dr. Nitesh Gahlot Dr. Nilesh Barwar	Non-Funded COVID-19	39th Online Meeting 31/08/2020
212	AIIMS/IEC/2020/1466	Dr. Pratibha Gehlawat	Assistant Professor	Psychiatry	Faculty's readiness and perception towards online teaching platform during COVID-19	Dr. Kuldeep Singh Dr. Naresh Nebhinani Dr. Shilpi Gupta Dixit Dr. Mukesh Swami Dr. Tanu Gupta	Non-Funded- COVID-19	39th Online Meeting 31/08/2020
213	AIIMS/IEC/2020/1474	Dr. Naveen Sharma	Professor	General Surgery	Effect of COVID-19 Pandemic on Emergency and Essential Surgical Services in India: A Cross-Sectional Survey	NIL	Non-Funded COVID-19	39th Online Meeting 31/08/2020
214	AIIMS/IEC/2020/1490	Dr. Bharat Kumar	Assistant Professor	General Medicine	Study of attitude and behavior of health care workers towards the patients in emergency department during COVID-19 pandemic	Dr. Nitesh Kumar Dr. Naresh Kr. Midha Dr. Gopal Krishna Bohra Dr. Mahaveer Singh Rodha Dr. M.K.Garg	Non-Funded COVID-19	39th Online Meeting 31/08/2020
215	AIIMS/IEC/2020/1496	Dr. Atul Kaushik	Assistant Professor	Cardiology	Electrocardiographic Manifestations of COVID-19 patients	Dr. Sanjeev Misra Dr. Mahendra Kumar Garg Dr. Kuldeep Singh Dr. Nikhil Kothari Dr. Surender Deora Dr. Surender Patel Dr. Akhil Dhanesh Goel Dr. Jai Bharat Sharma	Non-Funded COVID-19	39th Online Meeting 31/08/2020
216	AIIMS/IEC/2020/1497	Dr. Pankaj Bhardwaj	Additional Professor	School of Public Health	Study of short term and long term outcomes in asymptomatic COVID-19 patients admitted in the quarantine centre	Dr. Jaykaran Charan Dr. Praveen Sharma Dr. Tanuj Kanchan Dr. Sanjeev Misra Dr. Kuldeep Singh	Non-Funded COVID-19	39th Online Meeting 31/08/2020

217	AIIMS/IEC/2020/1500	Dr. Nishant Kumar Chauhan	Additional Professor	Pulmonary Medicine	Flexible Bronchoscopy during COVID-19 Pandemic Initial Experience at a Tertiary Care Hospital in India	Dr. Sanjeev Misra Dr. M.K.Garg Dr. Vijaya Lakshmi Nag Dr. Naveen Dutt Dr. Ramniwas Dr. Pankaj Bhardwaj Dr. Vidhi Jain Dr. Kunal Deokar Dr. Benhur Joel Shadrach	Non-Funded COVID-19	39th Online Meeting 31/08/2020
218	AIIMS/IEC/2020/1426	Dr. Ramkaran Chaudhary	Additional Professor	General Surgery	Laparoscopic port-site infections: characteristics and management	Dr. Ashok Puranik Dr. Vijayalakshmi Nag Dr. Naveen Sharma Dr. Mahaveer Singh Rodha Dr. Mahendra Lodha Dr. Vibhor Tak Dr. Sarika Prabhakar Kombade Dr. Satya Prakash Dr. Mayank Badkur	Non-Funded	39th Online Meeting 31/08/2020
219	AIIMS/IEC/2020/1486	Dr. Samhita Panda	Additional Professor	Neurology	Determining the utility of cerebrospinal fluid free light chains (kappa) quantification for diagnosis of multiple sclerosis	--	Non-Funded	39th Online Meeting 31/08/2020
220	AIIMS/IEC/2020/1462	Mr. Natwarlal Patidar	Nursing Tutor/ANS	College of Nursing	A study to assess non-productive time (NPT) and factors lead to increase NPT in operation theatres at 3rd floor OT complex, AIIMS Jodhpur	Dr. Pradeep Kr. Bhatia Dr. Nikhil Kothari Dr. Ashok Kumar	Non-Funded	39th Online Meeting 31/08/2020
221	AIIMS/IEC/2020/1443	Dr. Siddhartha Dutta	Senior Resident	Pharmacology	Knowledge, Attitude and Practice of healthcare professionals and undergraduate students regarding antimicrobial resistance across India: A questionnaire-based study	Dr. Sneha Ambwani Dr. Tarun Kumar Dr. Kishna Ram Dr. Govind Mishra	Non-Funded	39th Online Meeting 31/08/2020
222	AIIMS/IEC/2020/1463	Dr. Puneet Pareek	Additional Professor	Radiation Oncology	A retrospective study on "Dosimetric impact of FFF over FF beam using VMAT for brain neoplasms treated with radiotherapy	Mr. Sumanta Manna Dr. Sri Harsha Kombathula Mr. Sanjib Gayen	Non-Funded	39th Online Meeting 31/08/2020

223	AIIMS/IEC/2020/1477	Dr. Sneha Ambwani	Professor & Head	Pharmacology	The satisfaction level of undergraduate medical and nursing students regarding online classes across India: A questionnaire-based study	Dr. Siddhartha Dutta Dr. Tarun Kumar Dr. Shoban Babu Varthya Dr. Hina Lal Dr. Kishna Ram	Non-Funded	39th Online Meeting 31/08/2020
224	AIIMS/IEC/2020/1492	Dr. Bikram Choudhury	Additional Professor	ENT	Assessment of the effects of prolonged use of face masks on nasal mucociliary clearance	Dr. Amit Goyal Dr. Kapil Soni Dr. Darwin Kaushal Dr. Nikhil Rajan Dr. Neha Shakrawal	Non-Funded	39th Online Meeting 31/08/2020
225	AIIMS/IEC/2020/1504	Dr. Daisy Khera	Additional Professor	Paediatrics	Assessment of parent satisfaction with care in paediatric intensive care unit: A prospective observational study	Dr. Simranjeet Singh Dr. Bharat Choudhary Dr. Kuldeep Singh	Non-Funded	39th Online Meeting 31/08/2020
226	AIIMS/IEC/2020/1548	Dr. Atul Kaushik	Assistant Professor	Cardiology	Trends of Acute Myocardial infarction during COVID-19 Pandemic	Dr. Suender Deora Dr. Rahul Choudhary	Non-Funded- COVID-19	39th Online Meeting 31/08/2020
227	AIIMS/IEC/2020/1549	Site PI: Dr. Pankaj Bhardwaj Lead PI: Dr. Leyanna Susan George	Additional Professor, CM&FM, Coordinator, SPH Amrita Institute of Medical Sciences, Kochi, Kerala	School of Public Health	Risk factors for SARS-CoV-2 infection among health care workers in India: A Case Control Study	Dr. Sanjeev Misra Dr. M.K.Garg Dr. Vijaya Lakshmi Nag Dr. Nitin Kumar Joshi Dr. Manoj Kumar Gupta Dr. Akhil D Goel Dr. Suman Saurabh Dr. Gopal Krishna Bohra Dr. Nishant Kumar Chauhan Dr. Vidhi Jain	Non-Funded COVID19 (WHO Collaboration Study)	39th Online Meeting 31/08/2020
228	AIIMS/IEC/2020/1553	Lead PI: Dr. Arvind Mathur- Site PI: Dr. Pankaj Bhardwaj	Asian Centre for Medical Education, Research & Innovation (ACMERI) Additional Professor, CM&FM, Coordinator, SPH	School of Public Health	Introduction of the WHO ICOPE (Integrated Care Older Persons) model of assessment, care and referral of older persons in a low resource rural-tribal primary care setting in India	Dr. Kuldeep Singh Dr. Nitin Kumar Joshi	Extramural	39th Online Meeting 31/08/2020

229	AIIMS/IEC/2020/1552	Dr. Ramniws	Assistant Professor	Pulmonary Medicine	Unusual cases/manifestations in COVID-19	Dr. Sanjeev Misra Dr. M.K.Garg Dr. Vijaya Lakshmi Nag Dr. Pradeep Kumar Bhatia Dr. Naveen Dutt Dr. Nishant Kumar Chauhan Dr. Aneesa Shahul. S Dr. Avinash	Case Series COVID-19	39th Online Meeting 31/08/2020
230	AIIMS/IEC/2020/1467	Dr. Kuldeep Singh	Professor & Head	Paediatrics	Evaluation of common beta-thalassemia mutations in prenatal genetic testing of at risk couples; under NIDAN Kendra AIIMS Jodhpur	Dr. Pratibha Singh Dr. Charu Sharma Dr. Abhishek Purohit Dr. Siyaram Didel Mr. Dolat Singh Shekhawat	Non-Funded	40th Online Meeting 10/09/2020
231	AIIMS/IEC/2020/1424	Dr. Himanshu Pandey	Associate Professor	Urology	Retrospective study to access functional and cosmetic outcome after ventral spatulation of urethra in partial penectomy	Dr. Prateek Gupta Dr. Mahendra Singh Dr. Vijay Kumar Sarma Madduri Dr. Gautam Ram Chodhary	Non-Funded	40th Online Meeting 10/09/2020
232	AIIMS/IEC/2020/1468	Dr. Himanshu Pandey	Associate Professor	Urology	Genitourinary fistulae: to study epidemiology etiology and management of this underestimated entity in India, are we still in the era of developing country? Tertiary care institute experience	Dr. Gautam Ram Choudhary Dr. Mahendra Singh Tanwar Dr. Vijay Kumar Sarma Madduri	Non-Funded	40th Online Meeting 10/09/2020
233	AIIMS/IEC/2020/1441	Dr. Nitesh Gahlot	Associate Professor	Orthopaedics	To study the effectiveness of autologous platelet rich plasma injection in delayed union of long bone diaphyseal fracture	Dr. Abhay Elhence Dr. Neeraj Choudhary	Non-Funded	40th Online Meeting 10/09/2020
234	AIIMS/IEC/2020/1451	Dr. Nitesh Gahlot	Associate Professor	Orthopaedics	Description of trauma patients in the emergency department of a tertiary care hospital in northwest India	Dr. Dharampal Swami Dr. Abhay Elhence Dr. Sumit Banerjee Dr. Nilesh Barwar	Non-Funded	40th Online Meeting 10/09/2020

235	AIIMS/IEC/2020/1437	Dr. Darwin Kaushal	Associate Professor	Otorhinolaryngology	A comparative study of scalpel and surgical diathermy incision in terms of efficiency, complications and post-operative cosmesis in head and neck surgery	Dr. Saurabh Singh Dr. Amit Goyal Dr. Kapil Soni Dr. Nithin Prakasan Nair	Non-Funded	40th Online Meeting 10/09/2020
236	AIIMS/IEC/2020/1465	Dr. Deepak Kumar	Assistant Professor	General Medicine	The association of lipid profile with Chronic Hepatitis B infection : A retrospective study	Dr. Mahendra Kumar Garg Dr. Mithu Banerjee Dr. Gopal Krishna Bohra Dr. Durga Shankar Meena Dr. Naresh Midha	Non-Funded	40th Online Meeting 10/09/2020
237	AIIMS/IEC/2020/1475	Dr. Darwin Kaushal	Associate Professor	Otorhinolaryngology	A retrospective analysis of factors affecting outcome in patients with rhinoorbitocerebral mucormycosis at AIIMS, Jodhpur	Dr. Amit Goyal Dr. Bikram Choudhary Dr. Kapil Soni	Non-Funded	40th Online Meeting 10/09/2020
238	AIIMS/IEC/2020/1484	Mr. Natwarlal Patidar	Nursing Tutor/ANS	College of Nursing	Accuracy of CAM-ICU performed by an ICU nursing officer as compared to that performed by a physician for assessment of delirium in critically ill patients admitted in medical intensive care unit-a prospective study	Dr. M.K.Garg Dr. Naveen Dutt Dr. Gopal Krishna Bohra Dr. Ashok Kumar Dr. Kunal Deokar Mr. Himmat Singh Rajpurohit	Non-Funded	40th Online Meeting 10/09/2020
239	AIIMS/IEC/2020/1439	Dr. Surender Deora	Associate Professor	Cardiology	AIIMS Jodhpur Heart Failure Registry (AJHFR)	Dr. Kuldeep Singh Dr. Gopal Krishna Bohra Dr. Rahul Choudhary Dr. Atul Kaushik Dr. Deepak Sharma Dr. Jai Bharat Sharma	Non-Funded	40th Online Meeting 10/09/2020
240	AIIMS/IEC/2020/1479	Dr. Surender Deora	Associate Professor	Cardiology	Assessment of the diameter of distal radial artery and radial artery using ultrasound in patients of coronary artery disease undergoing percutaneous diagnostic or therapeutic intervention	Dr. Pushpinder S Khera Dr. Pawan K Garg Dr. Rahul Choudhary Dr. Atul Kaushik Dr. Jai Bharat Sharma	Non-Funded	40th Online Meeting 10/09/2020

241	AIIMS/IEC/2020/1421	Dr. Charu Sharma	Associate Professor	Obstetrics & Gynaecology	Objective Structured Clinical Examination (OSCE) as a learning tool for post graduate residents in the department of Obstetrics & Gynaecology- A two years experience in a single centre	Dr. Pratibha Singh Dr. Manisha Jhirwal Dr. Meenakshi Gothwal Dr. Garima Yadav Dr. Navdeep Kaur Ghuman Dr. Priyanka Kathuria Dr. Vibha Mishra	Non-Funded	40th Online Meeting 10/09/2020
242	AIIMS/IEC/2020/1425	Dr. Garima Yadav	Associate Professor	Obstetrics & Gynaecology	Clinical Spectrum of Gestational Trophoblastic Disease in a Tertiary Care Centre	Dr. Pratibha Singh Dr. Meenakshi Gothwal Dr. Priyanka Kathuria Dr. Meenakshi Rao Dr. Charu Sharma Dr. Arunima Saini	Non-Funded	40th Online Meeting 10/09/2020
243	AIIMS/IEC/2020/1440	Dr. Mukesh Kumar Swami	Assistant Professor	Psychiatry	A cross-sectional survey for assessment of users' perception for Telepsychiatry consultation	Dr. Naresh Nebhinani Dr. Pratibha Dr. Navratan Suthar	Non-Funded	40th Online Meeting 10/09/2020
244	AIIMS/IEC/2020/1444	Dr. Manoj Kamal	Additional Professor	Anaesthesiology and Critical Care	Safe method to deliver metabolic flow anaesthesia after nitrogenation of breathing circuit: A case series	Dr. Ramalingam Hariprasad Dr. Pradeep Kumar Bhatia	Non-Funded	40th Online Meeting 10/09/2020
245	AIIMS/IEC/2020/1449	Dr. Ravisekhar Gadepalli	Associate Professor	Microbiology	Seroprevalence of Hepatitis B and Hepatitis C virus in a tertiary care centre of western Rajasthan	Dr. Vijaya Lakshmi Nag Dr. Navneet Kaur	Non-Funded	40th Online Meeting 10/09/2020
246	AIIMS/IEC/2020/1450	Dr. Rahul Choudhary	Assistant Professor	Cardiology (Trauma and Emergency)	To study the clinical and demographic profile in patients admitted in department of cardiology during last 24 months	Dr. Kuldeep Singh Dr. Surender Deora Dr. Atul Kaushik	Non-Funded	40th Online Meeting 10/09/2020
247	AIIMS/IEC/2020/1452	Dr. Manisha Jhirwal	Assistant Professor	Obstetrics & Gynaecology	Experience and expectations of Interns posted in department of Obstetrics & Gynecology- A Retrospective Analysis	Dr. Pratibha Singh Dr. Kuldeep Singh Dr. Charu Sharma Dr. Garima Yadav Dr. Priyanka Kathuria	Non-Funded	40th Online Meeting 10/09/2020
248	AIIMS/IEC/2020/1461	Dr. Navdeep Kaur Ghuman	Associate Professor	Obstetrics & Gynaecology	To evaluate the accuracy of hysterosalpingography (HSG) in predicting tubal blockage in infertility patients	Dr. Pratibha Singh Dr. Manisha Jhirwal Dr. Priyanka Kathuria	Non-Funded	40th Online Meeting 10/09/2020

249	AIIMS/IEC/2020/1460	Dr. Bharati Mehta	Additional Professor	Physiology	Evaluation of an online webinar series on basic research methodology and thesis writing in Physiology	Dr. Abhinav Dixit Dr. Om Lata Bhagat Dr. Prasunpriya Nayak Dr. Shival Srivastav Dr. Pooja Ojha Dr. Archana Gaur	Non-Funded	40th Online Meeting 10/09/2020
250	AIIMS/IEC/2020/1476	Dr. Saurabh Singh	Associate Professor	Dermatology, Venereology and Leprology	A retrospective analysis of autologous fat grafting surgery for atrophic acne scars and facial lipoatrophy at dermatology outpatient department	Dr. Anil Budania Dr. Anupama Bains Dr. RaviKumar Mudugal Dr. Utkrist Lahoria Dr. Bandhala Rajan	Non-Funded	40th Online Meeting 10/09/2020
251	AIIMS/IEC/2020/1480	Dr. Mahaveer Singh Rodha	Additional Professor	General Surgery	To study Pneumomediastinum in chest trauma patients, Trauma centre-AIIMS Jodhpur	Dr. Ashok Puranik Dr. Naveen Sharma Dr. Ramkaran Chaudhary Dr. Pushpinder Khara Dr. Satya Prakash Meena	Non-Funded	40th Online Meeting 10/09/2020
252	AIIMS/IEC/2020/1482	Dr. Gopal Krishana Bohra	Associate Professor	Medicine	Incidences and risk factor assessment in multi drug resistance gram negative blood stream infection and antibiotic prescription practices in AIIMS Jodhpur- A Retrospective Study	Dr. Mahendra Kumar Garg Dr. Deepak Kumar Dr. Vijayalakshmi Nag Dr. Naresh Kumar Midha Dr. Anuradha Sharma Dr. Vibhor Tak Dr. Durga Shankar Meena Dr. Ravi Mangalia Dr. P.Naveenraj	Non-Funded	40th Online Meeting 10/09/2020
253	AIIMS/IEC/2020/1485	Dr. Manu Goyal	Associate Professor	Obstetrics & Gynaecology	Study of procedure related complications and fetomaternal outcome in intrauterine transfusion and cordocentesis at tertiary centre	Dr. Pratibha Singh Dr. Archana Bajpai Dr. Shashank Shekhar	Non-Funded	40th Online Meeting 10/09/2020
254	AIIMS/IEC/2020/1487	Dr. Vibhor Tak	Associate Professor	Microbiology	Cystic Echinococcosis- An Insight into the Suspected Hydatid Disease and Experience of a Tertiary Care Hospital in Western India with Respect to Anti Echinococcal IgG Enzyme Immunoassay	Prof. Vijaya Lakshmi Nag Dr. Ketan Priyadarshi Dr. Kumar S.Abhishek Prof. Poonam Elhence Dr. Ram Karan Chaudhary	Non-Funded	40th Online Meeting 10/09/2020

255	AIIMS/IEC/2020/1499	Dr. Vaibhav Kumar Varshney	Assistant Professor	Surgical Gastro-enterology	Assessment of Splenic stiffness with Transient Elastography (Fibroscan) in Cirrhotic and Non-cirrhotic Portal Hypertension and its clinical implications	Dr. Subhash Soni Dr. Gopal K Bohra Dr. Mahendra K Garg	Non-Funded	40th Online Meeting 10/09/2020
256	AIIMS/IEC/2020/1501	Dr. Surendra Patel	Assistant Professor	Trauma and Emergency Cardiothoracic Surgery	Prospective, Observational study to assess the prevalence of complications in Cardiac surgical patients after early removal of chest drains	Dr. Alok Kumar Sharma Dr. Atul Kaushik Dr. Akhil Dhanesh Goel	Non-Funded	40th Online Meeting 10/09/2020
257	AIIMS/IEC/2020/1503	Dr. Siyaram Didel	Assistant Professor	Paediatrics	To study the sensitivity, specificity and positive predicative value of neutrophil parameters {neutrophil-granularity-intensity (NEUT-GI) and neutrophil-reactivity-intensity (NEUT-RI)} in diagnosis of sepsos as compared to existing sepsis marker in pediatric emergency and intensive care unit, AIIMS Jodhpur	Dr. Abhishek HL Purohit Dr. Daisy Khara Dr. Bharat Choudhary Dr. Sujatha Sarangi Prof. Kuldeep Singh	Non-Funded	40th Online Meeting 10/09/2020
258	AIIMS/IEC/2020/1502	Dr. Subhash Chandra Soni	Assistant Professor	Surgical Gastro-enterology	Pilot study to evaluate liver and splenic stiffness by fibroscan in patients with non-cirrhotic portal hypertension and its correlation with clinical and intervention outcomes.	Dr. Vaibhav Varshney Dr. Arvind Sinha Dr. Mahaveer Singh Rodha Dr. Ashok Puranik Dr. Mahendra Kumar Garg	Non-Funded	40th Online Meeting 10/09/2020
259	AIIMS/IEC/2020/1494	Dr. Satya Prakash Meena	Assistant Professor	General Surgery	Multidisciplinary approach of diabetic foot in special clinic	Dr. Naveen Sharma Dr. Ashok Puranik Dr. Prakash Kala Dr. Naresh Kumar Midha Dr. Ravi Gaur Dr. Mayank Badkur Dr. Mahendra Lodha	Non-Funded	40th Online Meeting 10/09/2020
260	AIIMS/IEC/2020/1584	Dr. Navdeep Kaur Ghuman	Associate Professor	Obstetrics & Gynaecology	Comparison and assessment of performance of PREP-S, PIER-L, fullPIERS and mini-PIERS risk prediction models in patients of preeclampsia for predicting adverse maternal and fetal outcomes.	Dr. Pratibha Singh Dr. Shashank Shekhar Dr. Charu Sharma Dr. Priyanka Kathuria	Non-Funded	40th Online Meeting 10/09/2020

261	AIIMS/IEC/2020/1585	Dr. Pawan Kumar Garg	Associate Professor	Diagnostic & Interventional Radiology	Retrospective data charting of Chest X-ray and Hemogram for prediction of Covid-19 in patient presenting with clinical features of SARI (Severe acute respiratory infection)	Dr. Pushpinder S Khara Dr. Binit Sureka Dr. Vajaya Lakshmi Nag Dr. M.K.Garg Dr. Abhishek Purohit Dr. Naveen Dutt Dr. Taruna Yadav Dr. Suvinay Saxena	Non-Funded-COVID-19	40th Online Meeting 10/09/2020
262	AIIMS/IEC/2020/1586	Dr. Vibhor Tak	Associate Professor	Microbiology	Evaluation of antiviral activity of a natural phytoconstituents based mouthwash	Dr. Sanjeev Misra Dr. Vijaya Lakshmi Nag Dr. Pankaj Bhardwaj Dr. Jaykaran Charan	Clinical Trial	40th Online Meeting 14/09/2020
263	AIIMS/IEC/2020/1587	Dr. Ankita Chugh	Additional Professor	Dentistry	Survey on Assessing changing trends in Postgraduate curriculum in Oral and Maxillofacial Surgery in COVID-19 -era: Post graduate student perspective	Dr. Pravin Kumar Dr. Gaurav Jain	Non-Funded COVID-19	40th Online Meeting 14/09/2020
264	AIIMS/IEC/2020/1505	Guide: Dr. Navratan Suthar Student: Dr. Raghendra S Singh	Assistant Professor	Psychiatry	Assessment of neurocognitive functions in patients dependent on natural opium	Dr. Naresh Nebhinani Dr. Mukesh Swami Dr. Tanu Gupta Dr. Prasenjit Mitra	M.D. Dissertation	40th Online Meeting 14/09/2020
265	AIIMS/IEC/2020/1506	Guide: Dr. Poonam Abhay Elhence Student: Dr. Rashmi Rajora	Professor & Head	Pathology	To ascertain the diagnostic performance of liquid based cytology for thyroid nodules and correlation with conventional smears, cell blocks and histopathology	Dr. Vikarn Vishwajeet Dr. Deepak Vedant Dr. Ramkaran Chaudhary Dr. Darwin Dr. Amit Goyal Dr. Pushpinder Khara	M.D. Dissertation	40th Online Meeting 14/09/2020
266	AIIMS/IEC/2020/1507	Guide: Dr. Abhishek Purohit Student: Dr. Kanishka Chaurasia	Associate Professor	Pathology	Evaluation of expression of ki-67, p53 by immunohistochemistry and their correlation with microvessel density in cases of multiple myeloma	Prof. Poonam Abhay Elhence Dr. Gopal Krishana Bohra Dr. Puneet Pareek	M.D. Dissertation	40th Online Meeting 14/09/2020
267	AIIMS/IEC/2020/1508	Guide: Dr. Tanuj Kanchan Student: Dr. Sourav Bhowmik	Additional Professor	Forensic Medicine and Toxicology	Dental age estimation using Cameriere evaluation criteria in Indian population	Dr. Raghvendra Singh Shekhawat Dr. Pravin Kumar Dr. Vinay Kumar Chugh	M.D. Dissertation	40th Online Meeting 14/09/2020

268	AIIMS/IEC/2020/1509	Guide: Dr. Aasma Nalwa Student: Dr. Nivedita A	Associate Professor	Pathology	Profiling of Membranous Nephropathy based on Immunohistochemical expression of antigens NELL-1, PLA2R and THSD7A.	Dr. Vikarn Vishwajeet Dr. Poonam Abhay Elhence Dr. Manish Chaturvedy Dr. Nitin Kumar Bajpai Dr. Aliza Mittal	M.D. Dissertation	40th Online Meeting 14/09/2020
269	AIIMS/IEC/2020/1510	Guide: Dr. Mukesh Kumar Swami Student: Dr. Aanushka Suklabaidya	Assistant Professor	Psychiatry	A study of the impact of perceived stigma and illness perception on the Quality of Life in young adult patients with acne vulgaris	Dr. Naresh Nebhinani Dr. Abhishek Bhardwaj	M.D. Dissertation	40th Online Meeting 14/09/2020
270	AIIMS/IEC/2020/1511	Guide: Dr. Meenakshi Gothwal Student: Dr. Tanya Sharma	Associate Professor	Obstetrics & Gynaecology	Local anaesthesia and pain perception during Amniocentesis-A Randomised double blind placebo controlled trial	Dr. Pratibha Singh Dr. Charu Sharma Dr. Garima Yadav Dr. Manisha Jhirwal Dr. Priyanka Kathuria	M.D. Dissertation	40th Online Meeting 14/09/2020
271	AIIMS/IEC/2020/1512	Guide: Dr. Saurabh Singh Student: Dr. Karthick K	Additional Professor	Dermatology, Venereology and Leprology	Comparison of oral itraconazole plus topical luliconazole versus oral itraconazole plus topical amorolfine versus oral itraconazole plus emollient in the management of extensive tinea	Dr. Abhishek Bhardwaj Dr. Anil Budania Dr. Anupama Bains	M.D. Dissertation	40th Online Meeting 14/09/2020
272	AIIMS/IEC/2020/1513	Guide: Dr. Abhishek Bhardwaj Student: Dr. Akriti Agarwal	Additional Professor	Dermatology, Venereology and Leprology	Effect of oral doxycycline, azithromycin and isotretinoin on serum Red Cell Distribution Width, platelet Lymphocyte Ratio and Interleukin-17 levels in acne vulgaris: A single blinded randomised interventional study	Dr. Saurabh Singh Dr. Anil Budania Dr. Anupama Bains Dr. Shailja Sharma Dr. Abhishek Purohit	M.D. Dissertation	40th Online Meeting 14/09/2020

273	AIIMS/IEC/2020/1514	Guide: Dr. Shashank Shekhar Student: Dr. Vani Meti	Additional Professor	Obstetrics & Gynaecology	Prevalence of Group B streptococcus Colonization and its Antibiotic Susceptibility Pattern Amongst Pregnant Women Near Term	Dr. Neeraj Gupta Dr. Navdeep Kaur Ghuman Dr. Manisha Jhirwal Dr. Sarika Kombade	M.D. Dissertation	40th Online Meeting 14/09/2020
274	AIIMS/IEC/2020/1515	Guide: Dr. Neeraj Gupta Student: Dr. G.Trinity Deepak Francis	Additional Professor	Neonatology	Resuscitation of At Risk Term and Late Pre-term Neonates with Intact Cord vs Early Cord Clamping: A randomized Controlled Trial (RANI)	Prof. Arun K Singh Prof. Pratibha Singh Dr. Shashank Shekhar	D.M. Dissertation	40th Online Meeting 14/09/2020
275	AIIMS/IEC/2020/1516	Guide: Dr. Pushpinder S.Khera Student: Dr. Saakshi Aggarwal	Additional Professor	Diagnostic & Interventional Radiology	Ultrasound and Elastographic Evaluation of Soft Tissue Masses with Histopathological Correlation	Dr. Pawan Kumar Garg Dr. Taruna Yadav Dr. Binit Sureka Dr. Sarbesh Tiwari Dr. Jeewan Ram Vishnoi Dr. Manish Pathak Dr. Naveen Sharma Dr. Poonam Elhence	M.D. Dissertation	40th Online Meeting 14/09/2020
276	AIIMS/IEC/2020/1517	Guide: Dr. Pawan Kumar Garg Student: Dr. Saicharan PG	Associate Professor	Diagnostic & Interventional Radiology	Characterization of Mediastinal lesions by MRI with Histopathological correlation	Dr. Taruna Yadav Dr. Pushpinder Singh Khera Dr. Binit Sureka Dr. Poonam Elhence Dr. Puneet Pareek Dr. Nishant Kumar Chauhan Dr. Ramkaran Choudhary Dr. Surendra Patel	M.D. Dissertation	40th Online Meeting 14/09/2020
277	AIIMS/IEC/2020/1518	Guide: Dr. Vijaya Lakshmi Nag Student: Dr. Kirti Vishwakarma	Professor & Head	Microbiology	Risk Assessment and management of Exposure in Health Care Workers Working with COVID-19	Dr. Vidhi Jain Dr. Sanjeev Misra Dr. Naveen Dutt Dr. Deepak Kumar Dr. Pradeep Kumar Bhatia Dr. Pankaj Bhardwaj Dr. Praveen Sharma	M.D. Dissertation	40th Online Meeting 14/09/2020
278	AIIMS/IEC/2020/1519	Guide: Dr. Binit Sureka Student: Dr. Kallarackal Jayakrishnan Vijaykumar	Associate Professor	Diagnostic & Interventional Radiology	Comparison of biparametric versus multiparametric MRI in the detection of prostate carcinoma	Dr. Pushpinder Singh Khera Dr. Poonam Elhence Dr. Pawan Kumar Garg Dr. Gautam Ram Choudhary Dr. Himanshu Pandey Dr. Taruna Yadav	M.D. Dissertation	40th Online Meeting 14/09/2020

279	AIIMS/IEC/2020/1520	Guide: Prof. Arun Kumaran du Singh Student: Dr. Santosh Dusad	Professor & Head	Neonatology	Comparison of the Optimality Scores of preterm and early term neonates at term equivalent age with healthy term neonates using Hammersmith Neonatal Neurological Examination: A Prospective Cohort Study	Dr. Neera Gupta	D.M. Dissertation	40th Online Meeting 14/09/2020
280	AIIMS/IEC/2020/1594	Guide: Dr. Daisy Khara Student: Dr. Dyvik. S	Additional Professor	Pediatrics	Use of Furosemide Stress Test and Cystatin-C as predictive markers of acute kidney injury progression in children: A Prospective Cohort study	Dr. Kuldeep Singh Dr. Aliza Mittal Dr. Bharat Choudhary Dr. Siyaram Didel Dr. Purvi Purohit	M.D. Dissertation	40th Online Meeting 14/09/2020
281	AIIMS/IEC/2020/1522	Guide: Dr. Shilpa Goyal Student: Dr. Aditya Parashar	Additional Professor	Anaesthesia and Critical Care	Comparison of the first attempt success rate of ultrasound guided and infra-red vascular imaging for venous cannulation in children: A randomised open label	Dr. Pradeep Kumar Bhatia Dr. Nikhil Kothari Dr. Ankur Sharma Dr. Pawan Garg	M.D. Dissertation	40th Online Meeting 14/09/2020
282	AIIMS/IEC/2020/1523	Guide: Dr. Pradeep Kumar Bhatia Student: Dr. Puneeth Kumar K	Professor & Head	Anaesthesia and Critical Care	Effect of intraoperative low dose ketamine on neurocognitive disorders in elderly patients: A randomised Controlled trial	Dr. Nikhil Kothari Dr. Shilpa Goyal Dr. Priyanka Sethi	M.D. Dissertation	40th Online Meeting 14/09/2020
283	AIIMS/IEC/2020/1524	Guide: Dr. Kuldeep Singh Student: Dr. Siddanna goud	Professor & Head	Pediatrics	Genetic counselling at a tertiary care centre in north western India	Dr. Varuna Vyas Dr. Pratibha Singh Dr. Navdeep Kaur Ghuman Dr. Tanu Dr. Navratan Suthar	M.D. Dissertation	40th Online Meeting 14/09/2020
284	AIIMS/IEC/2020/1538	Guide: Dr. Taruna Yadav Student: Dr. Vipin V	Assistant Professor	Diagnostic & Interventional Radiology	Characterization of Solid Breast Masses by Ultrasound Elastography with Histopathological Correlation	Dr. Pushpindra Khara Dr. Binit Sureka Dr. Poonam Elhence Dr. Jeevan Ram Vishnoi Dr. Sanjeev Misra Dr. Naveen Sharma Dr. Puneet Pareek Dr. Ramkaran Chaudhary	M.D. Dissertation	40th Online Meeting 14/09/2020

285	AIIMS/IEC/2020/1598	Guide: Dr. Sadik Mohammed Student: Dr. Gaurav Chaudhary	Associate Professor	Anaesthesiology and Critical Care	Diagnostic accuracy of subclavian vein collapsibility index v/s inferior vena cava collapsibility index for predicting post induction hypotension: an observational study	Dr. Pradeep Bhatia Dr. Manoj Kamal Dr. Rakesh Kumar Dr. Kamlesh Kumari	M.D. Dissertation	40th Online Meeting 14/09/2020
286	AIIMS/IEC/2020/1531	Guide: Dr. Bharat Paliwal Student: Dr. Versha	Associate Professor	Anaesthesiology and Critical Care	Comparison of efficacy of pulsed radiofrequency vs steroid injection in the treatment of carpal tunnel syndrome: prospective randomised interventional control trial	Dr. Pradeep Kumar Bhatia Dr. Nikhil Kothari Dr. Manoj Kamal Dr. Swati Chhabra	M.D. Dissertation	40th Online Meeting 14/09/2020
287	AIIMS/IEC/2020/1530	Guide: Dr. Manoj Kamal Student: Dr. Arun Sahaya Raja M	Additional Professor	Anaesthesiology and Critical Care	Comparison of ROTEM Coagulation parameters with and without acute normovolumic haemodilution in on pump cardiac surgeries-A Randomized controlled trial	Dr. Sadik Mohammed Dr. Pradeep Kumar Bhatia Dr. Alok Kumar Sharma Dr. Archana Bajpayee	M.D. Dissertation	40th Online Meeting 14/09/2020
288	AIIMS/IEC/2020/1529	Guide: Dr. Amit Goyal Student: Dr. Nitika Goyal	Additional Professor	Otorhinolaryngology	Clinical profiling and assessment of SARS CoV 2 seroprevalence in clinically unsuspected patients attending Otorhinolaryngology Department	Dr. Bikram Choudhary Dr. Darwin Kaushal Dr. Vijaya Lakshmi Nag Dr. Ravisekhar Gadepalli	M.D. Dissertation	40th Online Meeting 14/09/2020
289	AIIMS/IEC/2020/1528	Guide: Dr. Amit Goyal Student: Dr. Priyank Agrawal	Additional Professor	Otorhinolaryngology	Cochlear duct length and its relationship to audiological outcome after cochlear implantation in prelingually deaf children	Dr. Darwin Kaushal Dr. Pushpinder Khara Dr. Sarbesh Tiwari	M.D. Dissertation	40th Online Meeting 14/09/2020
290	AIIMS/IEC/2020/1527	Guide: Dr. Abhay Elhence Student: Dr. Devdutta Phatak	Professor & Head	Orthopaedics	Assessment of symptomatic unicompartmental osteoarthritis patients who are eligible for Unicompartmental knee arthroplasty-A prospective observational study	Dr. Sumit Banerjee Dr. Nitesh Gahlot Dr. Nilesh Barwar	M.S. Dissertation	40th Online Meeting 14/09/2020

291	AIIMS/IEC/2020/1526	Guide: Dr. Sumit Banerjee Student: Dr. Abbas Bhatia	Additional Professor	Orthopaedics	Study of variation in lateral femoral condyle index as a risk factor in anterior cruciate ligament injury	Dr. Abhay Elhence Dr. Nitesh Gahlot Dr. Pawan Garg	M.S. Dissertation	40th Online Meeting 14/09/2020
292	AIIMS/IEC/2020/1525	Guide: Dr. Nilesh Barwar Student: Dr. Akhil Mathew Jacob	Assistant Professor	Trauma and Emergency Orthopaedics	Evaluation of spinopelvic parameters in patients with lumbosacral transitional vertebra-A cross sectional and comparative study	Dr. Abhay Elhence Dr. Nitesh Gahlot Dr. Sarbesh Tiwari	M.S. Dissertation	40th Online Meeting 14/09/2020
293	AIIMS/IEC/2020/1533	Guide: Dr. Jeewan Ram Vishnoi Student: Dr. Byshetty Rajendar	Assistant Professor	Surgical Oncology	Sentinel Lymph Node Biopsy in Post Neoadjuvant Chemotherapy Breast Cancer Patients Using Combination of Fluorescein and Blue Dye Versus Blue Dye Alone-A Randomized Controlled Trial	Prof. Sanjeev Misra Dr. D.Jayakumar Dr. Rakesh Vyas Dr. Puneet Pareek Dr. Poonam Elhence Dr. Taruna Yadav Dr. Ramkaran Chaudhary Dr. Mahaveer Singh Rodha	M.Ch. Dissertation	40th Online Meeting 14/09/2020
294	AIIMS/IEC/2020/1534	Guide: Dr. Jeewan Ram Vishnoi Student: Dr. Rahul Yadav	Assistant Professor	Surgical Oncology	A Comparative study of enhanced recovery after surgery (ERAS) protocol in patients undergoing surgery for oral cavity carcinoma with historical cohort: compliance, outcomes and analysis	Prof. Sanjeev Misra Dr. D.Jayakumar Dr. Rakesh Vyas Dr. Puneet Pareek	M.Ch. Dissertation	40th Online Meeting 14/09/2020
295	AIIMS/IEC/2020/1535	Guide: Prof. Pankaja Raghav Student: Dr. Harimadhav Vishwantan	Professor & Head	Community Medicine & Family Medicine	Epidemic Preparedness of Primary and secondary Level Government Healthcare Facilities and Impact of COVID-19 on Routine Healthcare Services in Jodhpur - A Mixed Method Approach	Dr. Prem Prakash Sharma	M.D. Dissertation	40th Online Meeting 14/09/2020

296	AIIMS/IEC/2020/1536	Guide: Dr. Pankaj Bhardwaj Student: Dr. Aswathy SR	Additional Professor	Community Medicine & Family Medicine	Nutritional Status and Morbidities among Geriatric Women attending Out Patient Department of Rural Health Centres in Jodhpur	Dr. Srikanth S Dr. Manoj Kumar Gupta Dr. Akhil Dhanesh Goel Dr. Prem Prakash Sharma	M.D. Dissertation	40th Online Meeting 14/09/2020
297	AIIMS/IEC/2020/1537	Guide: Dr. Navdeep Kaur Ghuman Student: Dr. Dinesh Kumar	Associate Professor	Obstetrics & Gynaecology	Affect of Chemotherapy on Ovarian Reserve in Females of Reproductive Age Group	Dr. Pratibha Singh Dr. Puneet Pareek Dr. Shashank Shekhar Dr. Jeewan Ram Vishnoi	M.S. Dissertation	40th Online Meeting 14/09/2020
298	AIIMS/IEC/2020/1539	Guide: Dr. Anuradha Sharma Student: Dr. Tejashree R Nare	Additional Professor	Microbiology	Antifungal Susceptibility Profile for Terbinafine and Itraconazole among Dermatophytes at a Tertiary Care Hospital in Western Rajasthan	Dr. Ashwini Agarwal Dr. Abhishek Bhardwaj Dr. Anil Budania	M.D. Dissertation	40th Online Meeting 14/09/2020
299	AIIMS/IEC/2020/1540	Guide: Dr. Ankur Sharma Student: Dr. Karma Ongmu Bhutia	Assistant Professor	Anaesthesia and Critical Care	Comparison of anteroposterior short axis in plane technique with conventional short axis out of plane technique of ultrasound guided internal jugular vein cannulation	Dr. Pradeep Kumar Bhatia Dr. Nikhil Kothari Dr. Priyanka Sethi Dr. Kamlesh Kumari	M.D. Dissertation	40th Online Meeting 14/09/2020
300	AIIMS/IEC/2020/1541	Guide: Dr. Gopal Krishana Bohra Student: Dr. P.Naveenraj	Associate Professor	General Medicine	Clinico-microbiological profile and risk factor assessment in patients with multi-drug resistant gram negative bacterial blood stream infection	Dr. Deepak Kumar Dr. Vijaya Lakshmi Nag Dr. Anuradha Sharma	M.D. Dissertation	40th Online Meeting 14/09/2020
301	AIIMS/IEC/2020/1542	Guide: Dr. Gopal Krishana Bohra Student: Dr. Nakka Vihari	Associate Professor	General Medicine	Clinico-microbiological profile and risk factor assessment in patients with gram positive bacterial blood stream infections	Dr. Deepak Kumar Dr. Vijaya Lakshmi Nag Dr. Anuradha Sharma	M.D. Dissertation	40th Online Meeting 14/09/2020

302	AIIMS/IEC/2020/1543	Guide: Dr. Ashok Kumar Puranik Student: Dr. Shubham Rani	Professor & Head	General Surgery	Clinico-epidemiological study of small bowel obstruction (SBO) in adults in a tertiary care centre	Dr. Vaibhav Kumar Varshney Dr. Ramkaran Chaudhary Dr. Poonam Elhence Dr. Taruna Yadav	M.S. Dissertation	40th Online Meeting 14/09/2020
303	AIIMS/IEC/2020/1544	Guide: Dr. Swati Chhabra Student: Dr. Jayan Roy	Associate Professor	Anaesthesia and Critical Care	Clinically predicted difficult mask ventilation and its actual occurrence determined using capnographic grading based objective scoring system: An observational study	Dr. Pradeep Bhatia Dr. Rakesh Kumar Dr. Nikhil Kothari Dr. Kamlesh Kumari	M.D. Dissertation	40th Online Meeting 14/09/2020
304	AIIMS/IEC/2020/1545	Guide: Dr. Naveen Sharma Student: Dr. Dheerain Kumar Gupta	Professor & Head	General Surgery	5mm Versus 10 mm epigastric port in minilaparoscopic cholecystectomy- A randomised controlled trial	Dr. Ramkaran Chaudhary Dr. Vaibhav Kumar Varshney	M.S. Dissertation	40th Online Meeting 14/09/2020
305	AIIMS/IEC/2020/1546	Guide: Dr. Bikram Choudhury Student: Dr. Siddharth Manoj R M	Additional Professor	Otorhino-laryngology	Assessment of the impact of personal listening devices on the hearing status amongst individuals undergoing medical training	Dr. Amit Goyal Dr. Darwin Kaushal Dr. Kapil Soni	M.S. Dissertation	40th Online Meeting 14/09/2020
306	AIIMS/IEC/2020/1595	Guide: Dr. Mahaveer Singh Rodha Student: Dr. Abinaya. V	Additional Professor	General Surgery	A prospective observational study on trauma admissions in AIIMS, Jodhpur	Dr. Ashok Puranik Dr. Arvind Sinha Dr. Pradeep Kumar Bhatia Dr. Naveen Sharma Dr. Suryanarayanan Bhaskar Dr. Sumit Banerjee	M.S. Dissertation	40th Online Meeting 14/09/2020
307	AIIMS/IEC/2020/1596	Guide: Dr. Ramkaran Chaudhary Student: Dr. Vishnu Mishra	Additional Professor	General Surgery	Diagnostic accuracy of modified alvarado score and tzanakis score in the diagnosis of acute appendicitis	Dr. Ashok Puranik Dr. Naveen Sharma Dr. Poonam Elhence Dr. Taruna Yadav	M.S. Dissertation	40th Online Meeting 14/09/2020

308	AIIMS/IEC/2020/1550	Guide: Dr. Ramniwas Student: Dr. Avinash	Assistant Professor	Pulmonary Medicine	Utility of Ultrasound diaphragm and accessory muscles in titrating Expiratory positive airway pressure during non-invasive ventilation in patient with Type 2 Respiratory failure-A Randomized controlled study	Dr. M.K.Garg Dr. Naveen Dutt Dr. Nishant Kumar Chauhan Dr. Pradeep Bhatia	D.M. Dissertation	40th Online Meeting 14/09/2020
309	AIIMS/IEC/2020/1551	Guide: Dr. Naveen Dutt Student: Dr. Pradeep Bajad	Additional Professor	Pulmonary Medicine	Role of lung Ultrasound in management of malignant pleural effusion	Dr. M.K.Garg Dr. Nishant Kumar Chauhan Dr. Ramniwas Dr. Pawan Kumar Garg	D.M. Dissertation	40th Online Meeting 14/09/2020
310	AIIMS/IEC/2020/1597	Guide: Dr. Gopal Krishana Bohra Student: Dr. Arjun	Associate Professor	Medicine	Clinical profile of patients with chronic liver disease and precipitating factors in hepatic encephalopathy	Dr. Satyendra Khichar	M.D. Dissertation	40th Online Meeting 14/09/2020
311	AIIMS/IEC/2020/1505	Guide: Dr. Navratan Suthar Student: Dr. Raghendra S Singh	Assistant Professor	Psychiatry	Assessment of neurocognitive functions in patients dependent on natural opium	Dr. Naresh Nebhinani Dr. Mukesh Swami Dr. Tanu Gupta Dr. Prasenjit Mitra	M.D. Dissertation	40th Online Meeting 17/09/2020
312	AIIMS/IEC/2020/1506	Guide: Dr. Poonam Abhay Elhence Student: Dr. Rashmi Rajora	Professor & Head	Pathology	To ascertain the diagnostic performance of liquid based cytology for thyroid nodules and correlation with conventional smears, cell blocks and histopathology	Dr. Vikarn Vishwajeet Dr. Deepak Vedant Dr. Ramkaran Chaudhary Dr. Darwin Dr. Amit Goyal Dr. Pushpinder Khera	M.D. Dissertation	40th Online Meeting 17/09/2020
313	AIIMS/IEC/2020/1507	Guide: Dr. Abhishek Purohit Student: Dr. Kanishka Chaurasia	Associate Professor	Pathology	Evaluation of expression of ki-67, p53 by immunohistochemistry and their correlation with microvessel density in cases of multiple myeloma	Prof. Poonam Abhay Elhence Dr. Gopal Krishana Bohra Dr. Puneet Pareek	M.D. Dissertation	40th Online Meeting 17/09/2020
314	AIIMS/IEC/2020/1508	Guide: Dr. Tanuj Kanchan Student: Dr. Sourav Bhowmik	Additional Professor	Forensic Medicine and Toxicology	Dental age estimation using Cameriere evaluation criteria in Indian population	Dr. Raghvendra Singh Shekhawat Dr. Pravin Kumar Dr. Vinay Kumar Chugh	M.D. Dissertation	40th Online Meeting 17/09/2020

315	AIIMS/IEC/2020/1509	Guide: Dr. Aasma Nalwa Student: Dr. Nivedita A	Associate Professor	Pathology	Profiling of Membranous Nephropathy based on Immunohistochemical expression of antigens NELL-1, PLA2R and THSD7A.	Dr. Vikarn Vishwajeet Dr. Poonam Abhay Elhence Dr. Manish Chaturvedy Dr. Nitin Kumar Bajpai Dr. Aliza Mittal	M.D. Dissertation	40th Online Meeting 17/09/2020
316	AIIMS/IEC/2020/1510	Guide: Dr. Mukesh Kumar Swami Student: Dr. Aanushka Suklabaidya	Assistant Professor	Psychiatry	A study of the impact of perceived stigma and illness perception on the Quality of Life in young adult patients with acne vulgaris	Dr. Naresh Nebhinani Dr. Abhishek Bhardwaj	M.D. Dissertation	40th Online Meeting 17/09/2020
317	AIIMS/IEC/2020/1511	Guide: Dr. Meenakshi Gothwal Student: Dr. Tanya Sharma	Associate Professor	Obstetrics & Gynaecology	Local anaesthesia and pain perception during Amniocentesis-A Randomised double blind placebo controlled trial	Dr. Pratibha Singh Dr. Charu Sharma Dr. Garima Yadav Dr. Manisha Jhirwal Dr. Priyanka Kathuria	M.D. Dissertation	40th Online Meeting 17/09/2020
318	AIIMS/IEC/2020/1512	Guide: Dr. Saurabh Singh Student: Dr. Karthick K	Additional Professor	Dermatology, Venereology and Leprology	Comparison of oral itraconazole plus topical luliconazole versus oral itraconazole plus topical amorolfine versus oral itraconazole plus emollient in the management of extensive tinea	Dr. Abhishek Bhardwaj Dr. Anil Budania Dr. Anupama Bains	M.D. Dissertation	40th Online Meeting 17/09/2020
319	AIIMS/IEC/2020/1513	Guide: Dr. Abhishek Bhardwaj Student: Dr. Akriti Agarwal	Additional Professor	Dermatology, Venereology and Leprology	Effect of oral doxycycline, azithromycin and isotretinoin on serum Red Cell Distribution Width, platelet Lymphocyte Ratio and Interleukin-17 levels in acne vulgaris: A single blinded randomised interventional study	Dr. Saurabh Singh Dr. Anil Budania Dr. Anupama Bains Dr. Shailja Sharma Dr. Abhishek Purohit	M.D. Dissertation	40th Online Meeting 17/09/2020
320	AIIMS/IEC/2020/1514	Guide: Dr. Shashank Shekhar Student: Dr. Vani Meti	Additional Professor	Obstetrics & Gynaecology	Prevalence of Group B streptococcus Colonization and its Antibiotic Susceptibility Pattern Amongst Pregnant Women Near Term	Dr. Neeraj Gupta Dr. Navdeep Kaur Ghuman Dr. Manisha Jhirwal Dr. Sarika Kombade	M.D. Dissertation	40th Online Meeting 17/09/2020

321	AIIMS/IEC/2020/1515	Guide: Dr. Neeraj Gupta Student: Dr. G.Trinity Deepak Francis	Additional Professor	Neonatology	Resuscitation of At Risk Term and Late Pre-term Neonates with Intact Cord vs Early Cord Clamping: A randomized Controlled Trial (RANI)	Prof. Arun K Singh Prof. Pratibha Singh Dr. Shashank Shekhar	D.M. Dissertation	40th Online Meeting 17/09/2020
322	AIIMS/IEC/2020/1516	Guide: Dr. Pushpinder S.Khera Student: Dr. Saakshi Aggarwal	Additional Professor	Diagnostic & Interventional Radiology	Ultrasound and Elastographic Evaluation of Soft Tissue Masses with Histopathological Correlation	Dr. Pawan Kumar Garg Dr. Taruna Yadav Dr. Binit Sureka Dr. Sarbesh Tiwari Dr. Jeewan Ram Vishnoi Dr. Manish Pathak Dr. Naveen Sharma Dr. Poonam Elhence	M.D. Dissertation	40th Online Meeting 17/09/2020
323	AIIMS/IEC/2020/1517	Guide: Dr. Pawan Kumar Garg Student: Dr. Saicharan P G	Associate Professor	Diagnostic & Interventional Radiology	Characterization of Mediastinal lesions by MRI with Histopathological correlation	Dr. Taruna Yadav Dr. Pushpinder Singh Khera Dr. Binit Sureka Dr. Poonam Elhence Dr. Puneet Pareek Dr. Nishant Kumar Chauhan Dr. Ramkaran Choudhary Dr. Surendra Patel	M.D. Dissertation	40th Online Meeting 17/09/2020
324	AIIMS/IEC/2020/1518	Guide: Dr. Vijaya Lakshmi Nag Student: Dr. Kirti Vishwakarma	Professor & Head	Microbiology	Risk Assessment and management of Exposure in Health Care Workers Working with COVID-19	Dr. Vidhi Jain Dr. Sanjeev Misra Dr. Naveen Dutt Dr. Deepak Kumar Dr. Pradeep Kumar Bhatia Dr. Pankaj Bhardwaj Dr. Praveen Sharma	M.D. Dissertation	40th Online Meeting 17/09/2020
325	AIIMS/IEC/2020/1519	Guide: Dr. Binit Sureka Student: Dr. Kallarackal Jayakrishnan Vijaykumar	Associate Professor	Diagnostic & Interventional Radiology	Comparison of biparametric versus multiparametric MRI in the detection of prostate carcinoma	Dr. Pushpinder Singh Khera Dr. Poonam Elhence Dr. Pawan Kumar Garg Dr. Gautam Ram Choudhary Dr. Himanshu Pandey Dr. Taruna Yadav	M.D. Dissertation	40th Online Meeting 17/09/2020
326	AIIMS/IEC/2020/1520	Guide: Prof. Arun Kumarendu Singh Student: Dr. Santosh Dusad	Professor & Head	Neonatology	Comparison of the Optimality Scores of preterm and early term neonates at term equivalent age with healthy term neonates using Hammersmith Neonatal Neurological Examination: A Prospective Cohort Study	Dr. Neera Gupta	D.M. Dissertation	40th Online Meeting 17/09/2020

327	AIIMS/IEC/2020/15 94	Guide: Dr. Daisy Khera Student: Dr. Dyvik. S	Additional Professor	Pediatrics	Use of Furosemide Stress Test and Cystatin-C as predictive markers of acute kidney injury progression in children: A Prospective Cohort study	Dr. Kuldeep Singh Dr. Aliza Mittal Dr. Bharat Choudhary Dr. Siyaram Didel Dr. Purvi Purohit	M.D. Dissertation	40th Online Meeting 17/09/2020
328	AIIMS/IEC/2020/15 22	Guide: Dr. Shilpa Goyal Student: Dr. Aditya Parashar	Additional Professor	Anaesthesia and Critical Care	Comparison of the first attempt success rate of ultrasound guided and infra-red vascular imaging for venous cannulation in children: A randomised open label	Dr. Pradeep Kumar Bhatia Dr. Nikhil Kothari Dr. Ankur Sharma Dr. Pawan Garg	M.D. Dissertation	40th Online Meeting 17/09/2020
329	AIIMS/IEC/2020/15 23	Guide: Dr. Pradeep Kumar Bhatia Student: Dr. Puneeth Kumar K	Professor & Head	Anaesthesia and Critical Care	Effect of intraoperative low dose ketamine on neurocognitive disorders in elderly patients: A randomised Controlled trial	Dr. Nikhil Kothari Dr. Shilpa Goyal Dr. Priyanka Sethi	M.D. Dissertation	40th Online Meeting 17/09/2020
330	AIIMS/IEC/2020/ 1524	Guide: Dr. Kuldeep Singh Student: Dr. Siddanna goud	Professor & Head	Pediatrics	Genetic counselling at a tertiary care centre in north western India	Dr. Varuna Vyas Dr. Pratibha Singh Dr. Navdeep Kaur Ghuman Dr. Tanu Dr. Navratan Suthar	M.D. Dissertation	40th Online Meeting 17/09/2020
331	AIIMS/IEC/2020/15 38	Guide: Dr. Taruna Yadav Student: Dr. Vipin V	Assistant Professor	Diagnostic & Interventional Radiology	Characterization of Solid Breast Masses by Ultrasound Elastography with Histopathological Correlation	Dr. Pushpindra Khera Dr. Binit Sureka Dr. Poonam Elhence Dr. Jeevan Ram Vishnoi Dr. Sanjeev Misra Dr. Naveen Sharma Dr. Puneet Pareek Dr. Ramkaran Chaudhary	M.D. Dissertation	40th Online Meeting 17/09/2020
332	AIIMS/IEC/2020/15 98	Guide: Dr. Sadik Mohammed Student: Dr. Gaurav Chaudhary	Associate Professor	Anaesthesia and Critical Care	Diagnostic accuracy of subclavian vein collapsibility index v/s inferior vena cava collapsibility index for predicting post induction hypotension: an observational study	Dr. Pradeep Bhatia Dr. Manoj Kamal Dr. Rakesh Kumar Dr. Kamlesh Kumari	M.D. Dissertation	40th Online Meeting 17/09/2020
333	AIIMS/IEC/2020/1531	Guide: Dr. Bharat Paliwal Student: Dr. Versha	Associate Professor	Anaesthesia and Critical Care	Comparison of efficacy of pulsed radiofrequency vs steroid injection in the treatment of carpal tunnel syndrome: prospective randomised interventional control trial	Dr. Pradeep Kumar Bhatia Dr. Nikhil Kothari Dr. Manoj Kamal Dr. Swati Chhabra	M.D. Dissertation	40th Online Meeting 17/09/2020

334	AIIMS/IEC/2020/1530	Guide: Dr. Manoj Kamal Student: Dr. Arun Sahaya Raja M	Additional Professor	Anaesthesiology and Critical Care	Comparison of ROTEM Coagulation parameters with and without acute normovolumic haemodilution in on pump cardiac surgeries-A Randomized controlled trial	Dr. Sadik Mohammed Dr. Pradeep Kumar Bhatia Dr. Alok Kumar Sharma Dr. Archana Bajpayee	M.D. Dissertation	40th Online Meeting 17/09/2020
335	AIIMS/IEC/2020/ 1529	Guide: Dr. Amit Goyal Student: Dr. Nitika Goyal	Additional Professor	Otorhino- laryngology	Clinical profiling and assessment of SARS CoV 2 seroprevalence in clinically unsuspected patients attending Otorhinolaryngology Department	Dr. Bikram Choudhary Dr. Darwin Kaushal Dr. Vijaya Lakshmi Nag Dr. Ravisekhar Gadepalli	M.D. Dissertation	40th Online Meeting 17/09/2020
336	AIIMS/IEC/202 0/1528	Guide: Dr. Amit Goyal Student: Dr. Priyank Agrawal	Additional Professor	Otorhino- laryngology	Cochlear duct length and its relationship to audiological outcome after cochlear implantation in prelingually deaf children	Dr. Darwin Kaushal Dr. Pushpinder Khera Dr. Sarbesh Tiwari	M.D. Dissertation	40th Online Meeting 17/09/2020
337	AIIMS/IEC/2020/15 27	Guide: Dr. Abhay Elhence Student: Dr. Devdutta Phatak	Professor & Head	Orthopaedics	Assessment of symptomatic unicompartmental osteoarthritis patients who are eligible for Unicondylar knee arthroplasty-A prospective observational study	Dr. Sumit Banerjee Dr. Nitesh Gahlot Dr. Nilesh Barwar	M.S. Dissertation	40th Online Meeting 17/09/2020
338	AIIMS/IEC/202 0/1526	Guide: Dr. Sumit Banerjee Student: Dr. Abbas Bhatia	Additional Professor	Orthopaedics	Study of variation in lateral femoral condyle index as a risk factor in anterior cruciate ligament injury	Dr. Abhay Elhence Dr. Nitesh Gahlot Dr. Pawan Garg	M.S. Dissertation	40th Online Meeting 17/09/2020
339	AIIMS/IEC/2020/ 1525	Guide: Dr. Nilesh Barwar Student: Dr. Akhil Mathew Jacob	Assist ant Profe ssor	Trauma and Emergency Orthopaedics	Evaluation of spinopelvic parameters in patients with lumbosacral transitional vertebra-A cross sectional and comparative study	Dr. Abhay Elhence Dr. Nitesh Gahlot Dr. Sarbesh Tiwari	M.S. Dissertation	40th Online Meeting 17/09/2020
340	AIIMS/IEC/2020/1533	Guide: Dr. Jeewan Ram Vishnoi Student: Dr. Byshetty Rajendar	Assist ant Profe ssor	Surgical Oncology	Sentinel Lymph Node Biopsy in Post Neoadjuvant Chemotherapy Breast Cancer Patients Using Combination of Fluorescein and Blue Dye Versus Blue Dye Alone-A Randomized Controlled Trial	Prof. Sanjeev Misra Dr. D.Jayakumar Dr. Rakesh Vyas Dr. Puneet Pareek Dr. Poonam Elhence Dr. Taruna Yadav Dr. Ramkaran Chaudhary Dr. Mahaveer Singh Rodha	M.Ch. Dissertation	40th Online Meeting 17/09/2020

341	AIIMS/IEC/2020/1534	Guide: Dr. Jeewan Ram Vishnoi Student: Dr. Rahul Yadav	Assistant Professor	Surgical Oncology	A Comparative study of enhanced recovery after surgery (ERAS) protocol in patients undergoing surgery for oral cavity carcinoma with historical cohort: compliance, outcomes and analysis	Prof. Sanjeev Misra Dr. D.Jayakumar Dr. Rakesh Vyas Dr. Puneet Pareek	M.Ch. Dissertation	40th Online Meeting 17/09/2020
342	AIIMS/IEC/2020/1535	Guide: Prof. Pankaja Raghav Student: Dr. Harimadhav Vishwanth	Professor & Head	Community Medicine & Family Medicine	Epidemic Preparedness of Primary and secondary Level Government Healthcare Facilities and Impact of COVID-19 on Routine Healthcare Services in Jodhpur - A Mixed Method Approach	Dr. Prem Prakash Sharma	M.D. Dissertation	40th Online Meeting 17/09/2020
343	AIIMS/IEC/2020/1536	Guide: Dr. Pankaj Bhardwaj Student: Dr. Aswathy SR	Additional Professor	Community Medicine & Family Medicine	Nutritional Status and Morbidities among Geriatric Women attending Out Patient Department of Rural Health Centres in Jodhpur	Dr. Srikanth S Dr. Manoj Kumar Gupta Dr. Akhil Dhanesh Goel Dr. Prem Prakash Sharma	M.D. Dissertation	40th Online Meeting 17/09/2020
344	AIIMS/IEC/2020/1537	Guide: Dr. Navdeep Kaur Ghuman Student: Dr. Dinesh Kumar	Associate Professor	Obstetrics & Gynaecology	Affect of Chemotherapy on Ovarian Reserve in Females of Reproductive Age Group	Dr. Pratibha Singh Dr. Puneet Pareek Dr. Shashank Shekhar Dr. Jeewan Ram Vishnoi	M.S. Dissertation	40th Online Meeting 17/09/2020
345	AIIMS/IEC/2020/1539	Guide: Dr. Anuradha Sharma Student: Dr. Tejashree R Nare	Additional Professor	Microbiology	Antifungal Susceptibility Profile for Terbinafine and Itraconazole among Dermatophytes at a Tertiary Care Hospital in Western Rajasthan	Dr. Ashwini Agarwal Dr. Abhishek Bhardwaj Dr. Anil Budania	M.D. Dissertation	40th Online Meeting 17/09/2020
346	AIIMS/IEC/2020/1540	Guide: Dr. Ankur Sharma Student: Dr. Karma Ongmu Bhutia	Assistant Professor	Anaesthesiology and Critical Care	Comparison of anteroposterior short axis in plane technique with conventional short axis out of plane technique of ultrasound guided internal jugular vein cannulation	Dr. Pradeep Kumar Bhatia Dr. Nikhil Kothari Dr. Priyanka Sethi Dr. Kamlesh Kumari	M.D. Dissertation	40th Online Meeting 17/09/2020

347	AIIMS/IEC/2020/1541	Guide: Dr. Gopal Krishana Bohra Student: Dr. P.Naveenraj	Associate Professor	General Medicine	Clinico-microbiological profile and risk factor assessment in patients with multi-drug resistant gram negative bacterial blood stream infection	Dr. Deepak Kumar Dr. Vijaya Lakshmi Nag Dr. Anuradha Sharma	M.D. Dissertation	40th Online Meeting 17/09/2020
348	AIIMS/IEC/2020/1542	Guide: Dr. Gopal Krishana Bohra Student: Dr. Nakka Vihari	Associate Professor	General Medicine	Clinico-microbiological profile and risk factor assessment in patients with gram positive bacterial blood stream infections	Dr. Deepak Kumar Dr. Vijaya Lakshmi Nag Dr. Anuradha Sharma	M.D. Dissertation	40th Online Meeting 17/09/2020
349	AIIMS/IEC/2020/1543	Guide: Dr. Ashok Kumar Puranik Student: Dr. Shubham Rani	Professor & Head	General Surgery	Clinico-epidemiological study of small bowel obstruction (SBO) in adults in a tertiary care centre	Dr. Vaibhav Kumar Varshney Dr. Ramkaran Chaudhary Dr. Poonam Elhence Dr. Taruna Yadav	M.S. Dissertation	40th Online Meeting 17/09/2020
350	AIIMS/IEC/2020/1544	Guide: Dr. Swati Chhabra Student: Dr. Jayan Roy	Associate Professor	Anaesthesiology and Critical Care	Clinically predicted anticipated difficult mask ventilation and its actual occurrence determined using capnographic grading based objective scoring system: An observational study	Dr. Pradeep Bhatia Dr. Rakesh Kumar Dr. Nikhil Kothari Dr. Kamlesh Kumari	M.D. Dissertation	40th Online Meeting 17/09/2020
351	AIIMS/IEC/2020/1545	Guide: Dr. Naveen Sharma Student: Dr. Dheerain Kumar Gupta	Professor & Head	General Surgery	5mm Versus 10 mm epigastric port in minilaparoscopic cholecystectomy-A randomised controlled trial	Dr. Ramkaran Chaudhary Dr. Vaibhav Kumar Varshney	M.S. Dissertation	40th Online Meeting 17/09/2020
352	AIIMS/IEC/2020/1546	Guide: Dr. Bikram Choudhury Student: Dr. Siddharth Manoj R M	Additional Professor	Otorhino-laryngology	Assessment of the impact of personal listening devices on the hearing status amongst individuals undergoing medical training	Dr. Amit Goyal Dr. Darwin Kaushal Dr. Kapil Soni	M.S. Dissertation	40th Online Meeting 17/09/2020
353	AIIMS/IEC/2020/1549	Guide: Dr. Mahaveer Singh Rodha Student: Dr. Abinaya. V	Additional Professor	General Surgery	A prospective observational study on trauma admissions in AIIMS, Jodhpur	Dr. Ashok Puranik Dr. Arvind Sinha Dr. Pradeep Kumar Bhatia Dr. Naveen Sharma Dr. Suryanarayanan Bhaskar Dr. Sumit Banerjee	M.S. Dissertation	40th Online Meeting 17/09/2020

354	AIIMS/IEC/2020/1596	Guide: Dr. Ramkaran Chaudhary Student: Dr. Vishnu Mishra	Additional Professor	General Surgery	Diagnostic accuracy of modified alvarado score and tzanakis score in the diagnosis of acute appendicitis	Dr. Ashok Puranik Dr. Naveen Sharma Dr. Poonam Elhence Dr. Taruna Yadav	M.S. Dissertation	40th Online Meeting 17/09/2020
355	AIIMS/IEC/2020/1550	Guide: Dr. Ramniwas Student: Dr. Avinash	Assistant Professor	Pulmonary Medicine	Utility of Ultrasound diaphragm and accessory muscles in titrating Expiratory positive airway pressure during non-invasive ventilation in patient with Type 2 Respiratory failure-A Randomized controlled study	Dr. M.K.Garg Dr. Naveen Dutt Dr. Nishant Kumar Chauhan Dr. Pradeep Bhatia	D.M. Dissertation	40th Online Meeting 17/09/2020
356	AIIMS/IEC/2020/1551	Guide: Dr. Naveen Dutt Student: Dr. Pradeep Bajad	Additional Professor	Pulmonary Medicine	Role of lung Ultrasound in management of malignant pleural effusion	Dr. M.K.Garg Dr. Nishant Kumar Chauhan Dr. Ramniwas Dr. Pawan Kumar Garg	D.M. Dissertation	40th Online Meeting 17/09/2020
357	AIIMS/IEC/2020/1597	Guide: Dr. Gopal Krishana Bohra Student: Dr. Arjun	Associate Professor	Medicine	Clinical profile of patients with chronic liver disease and precipitating factors in hepatic encephalopathy	Dr. Satyendra Khichar	M.D. Dissertation	40th Online Meeting 17/09/2020
358	AIIMS/IEC/2020/1491	Guide: Dr. Abhishek Purohit Student: Mr. Mayank Soni	Associate Professor	Pathology	Re-evaluation of revised diagnostic criteria for Polycythemia Vera in Western Rajasthan	None	ICMR-STs 2020	40th Online Meeting 14/10/2020
359	AIIMS/IEC/2020/1590	Guide: Dr. Kuldeep Singh Student: Dr. Tahita Praven	Professor & Head	Paediatrics	Utilization of Antara (Injectable Contraceptive DMPA) among females of Urban and Rural Jodhpur	Dr. Pankaj Bhardwaj	School of Public Health Student Project	40th Online Meeting 14/10/2020
360	AIIMS/IEC/2020/159	Guide: Dr. Pankaj Bhardwaj Student: Dr. Mahima Choudhary	Additional Professor	SPH	Assessment of utilization implementation challenges and barriers of Janani Shishu Suraksha Karyakram (JSSK) scheme in Jodhpur, Rajasthan	Dr. Akhil Dhanesh Goel	School of Public Health Student Project	40th Online Meeting 14/10/2020

361	AIIMS/IEC/2020/1591	Guide: Dr. Pradeep Dwivedi Student: Dr. Anindita Pradhan	Associate Professor	Pharmacology	Effect of e-surveillance using patient reported outcome version of common terminology criteria for adverse events (PRO-CTCAE) to improve adverse event reporting and quality of life (QoL) in cancer patients undergoing chemotherapy	Dr. Puneet Pareek Dr. Jeewan Ram Vishnoi Dr. Akhil Dhanesh Goel Dr. Prem Prakash Sharma Dr. Sneha Ambwani Dr. Sanjeev Misra	M.D. Dissertation	40th Online Meeting 20/10/2020
362	AIIMS/IEC/2020/1610	Dr. Vikarn Vishwajeet	Assistant Professor	Pathology	Evaluation of ultrastructural findings in clinical autopsies in COVID-19 deaths	Dr. Aasma Nalwa Dr. Deepak Kumar Dr. Abhishek Purohit Dr. Mayank Garg Dr. Tanuj Kanchan Dr. Naveen Dutt Dr. Nikhil Kothari Dr. Suryanarayan Bhaskar Prof. Poonam Abhay Elhence Prof. Pradeep Kumar Bhatia Prof. Vijaya Lakshmi Nag Prof. Mahendra Kumar Garg Prof. Sanjeev Misra	Intramural COVID-19	41st Online Meeting 29/10/2020
363	AIIMS/IEC/2020/1604	Dr. Samhita Panda	Additional Professor	Neurology	Indian Multiple Sclerosis and Allied Demyelinating Disorders Registry and Research Network	Dr. Taruna Yadav Dr. Sarbesh Tiwari Dr. Tanu Gupta Dr. Mithu Banerjee	Extramural CMR	41st Online Meeting 29/10/2020
364	AIIMS/IEC/2020/1611	Dr. Kuldeep Singh	Professor and Head	Pediatrics	Multimodal Approaches to Develop Potential Therapeutic Leads Targeting Molecular Hot Spots of Duchenne Muscular Dystrophy for Clinical Trial	Dr. Varuna Vyas	Extramural-SERB, DST	41st Online Meeting 29/10/2020
365	AIIMS/IEC/2020/1593	Dr. Amit Goyal	Additional Professor	Otorhinolaryngology (ENT)	Assessment of use of Protection Box for Tracheostomy during COVID-19 Pandemic	Dr. Sanjeev Misra Dr. Abhinav Dixit Dr. Shilpa Goyal Dr. Shilpi Gupta Dixit Dr. Bikram Choudhury Dr. Darwin Kaushal Dr. Kapil Soni Dr. Nikhil Kothari Dr. Ankur Sharma Dr. Nithin Prakasan Nair	Non-Funded COVID-19	41st Online Meeting 29/10/2020
366	AIIMS/IEC/2020/1599	Dr. M.K.Garg	Professor and Head	Medicine	Early Liberal Oxygen Therapy in COVID-19 : An open-labeled randomized control trial	Dr. Maya Gopalakrishnan Dr. Satyendra Khichar Dr. Naveen Dutt Dr. Deepak Kumar Dr. Gopal Krishna Bohra Dr. Sanjeev Misra	Non-Funded COVID-19 Clinical	41st Online Meeting 29/10/2020

367	AIIMS/IEC/2020/1600	Dr. Manoj Kamal	Additional Professor	Anaesthesiology and Critical Care	Association of rotational thromboelastometry and clinical characteristics of COVID-19 patients in india: A retro-spective analysis	Dr. Pradeep Bhatia Dr. Sanjeev Misra Dr. Praveen Sharma Dr. Mahendra Kumar Garg Dr. Nikhil Kothari Dr. Manoj Gupta	Non-Funded COVID-19	41st Online Meeting 29/10/2020
368	AIIMS/IEC/2020/1602	Dr. Swati Chhabra	Associate Professor	Anaesthesiology and Critical Care	Outcomes and practice pattern of first hundred high-priority elective surgical cases during COVID-19 pandemic	Dr. Pradeep Bhatia Dr. Sadik Mohammed Dr. Manoj Kamal Dr. Sanjeev Misra Dr. M.K.Garg	Non-Funded COVID-19	41st Online Meeting 29/10/2020
369	AIIMS/IEC/2020/1605	Dr. Vinay Kumar Chugh	Additional Professor	Dentistry	The effects of delayed appointment in orthodontic patients due to COVID-19 pandemic: An observational study	Dr. Pravin Kumar Dr. Sam Prasanth	Non-Funded COVID-19	41st Online Meeting 29/10/2020
370	AIIMS/IEC/2020/1607	Dr. Anuradha Sharma	Additional Professor	Microbiology	Multidrug-resistant pathogens: The 'trojan horse' for mortality in COVID-19 affected patients	Prof. Vijaya Lakshmi Nag Dr. Naveen Dutt Dr. Subhashree Samantray	Funded COVID-19	Online Meeting 29/10/2020
371	AIIMS/IEC/2020/1606	Dr. Prawin Kumar	Assistant Professor	Pediatrics	Role of Teleconsultation follow-up of Asthmatic Children during COVID-19 Pandemic: A Retrospective Study	Dr. Kuldeep Singh Dr. Jagdish P. Goyal	Non-Funded COVID-19	41st Online Meeting 29/10/2020
372	AIIMS/IEC/2020/1588	Dr. Sumit Banerjee	Additional Professor	Orthopaedics	Comparative Efficacy of Platelet Rich Plasma Injection and Hyaluronic acid in the Treatment of Periarthritis Shoulder	Dr. Abhay Elhence Dr. Amit Sharma Dr. Nitesh Gehlot Dr. Nilesh Barwar	Non-Funded	41st Online Meeting 29/10/2020
373	AIIMS/IEC/2020/1592	Dr. Sumit Banerjee	Additional Professor	Orthopaedics	Radiological evaluation of the femoral canal morphology and the stem-canal fit in patients undergoing total hip arthroplasty	Dr. Neeraj Choudhary Dr. Abhay Elhence Dr. Pawan Kumar Garg	Non-Funded	41st Online Meeting 29/10/2020
374	AIIMS/IEC/2020/1601	Dr. Prasunpriya Nayak	Associate Professor	Physiology	Study on Changing Lifestyle During and Post-Lockdown Period	Dr. Subhasish Sahu	Non-Funded	Online Meeting 29/10/2020
375	AIIMS/IEC/2020/1603	Dr. Nitesh Manohar Gonnade	Associate Professor	Physical Medicine and Rehabilitation	Assessment of Benefits and Compensation in Spinal Cord Injury (SCI) patients	Dr. Rambeer Dr. Sharad Kumar Kedia Dr. Satyasheel Singh Asthana Dr. Minhaj Akhter	Non-Funded	Online Meeting 29/10/2020
376	AIIMS/IEC/2020/1608	Dr. Abhay Elhence	Professor and Head	Orthopaedics	Anthropometric study to describe the safe corridor for superior public ramus screw stabilization of anterior pelvic ring: A pilot study	Dr. Dharampal Swami Dr. Suvinay Saxena Dr. Sumit Banerjee Dr. Pushpinder S. Khara Dr. Nitesh Gahlot Dr. Nitesh Barwar	Non-Funded	41st Online Meeting 29/10/2020

377	AIIMS/IEC/2020/1609	PI: Dr. Sandeep Grover Co-PI: Dr. Naresh Nebhinani	Additional Professor	Psychiatry	Prevalence of mixed features in patients with First episode Depression: A Multicentric Study	--	Multi-centric Study Non-Funded	41st Online Meeting 29/10/2020
378	AIIMS/IEC/2020/1612	Dr. Darshana Rathod	Senior Resident	Anaesthesiology and Critical Care	Pain management practices and patient's satisfaction post-caesarean section at AIIMS Jodhpur- A prospective, observational study	Dr. Manoj Kamal Dr. Swati Chhabra Dr. Kamlesh Kumari Dr. Pradeep Bhatia	Non-Funded	42nd Online Meeting 9/11/2020
379	AIIMS/IEC/2020/1613	Dr. Ankita Chugh	Additional Professor	Dentistry	Patient reported distress and problems of oral cancer survivors in Rajasthan-A mixed method cross sectional study	Dr. Pravin Kumar Dr. Puneet Pareek Dr. Aakash Kohli Dr. Pragati Kaurani Dr. Peeyush Sharma	Non-Funded	42nd Online Meeting 9/11/2020
380	AIIMS/IEC/2020/1614	Dr. Ravi Gaur	Associate Professor	Physical Medicine and Rehabilitation	Repercussions of Care Giving on Custodian in Stroke	Dr. Nitesh Gonnade Dr. Satyasheel Singh Dr. Minhaj Akhter Dr. Rambeer Dr. Sharad Kedia Dr. Chinchu K	Non-Funded	42nd Online Meeting 9/11/2020
381	AIIMS/IEC/2020/1615	Dr. Maithili Karpaga Selvi. N	Assistant Professor	Biochemistry	Genetic predisposition to methylglyoxal (MGO) toxicity and its association with targeted metabolites and glyco-oxidative stress in diabetic nephropathy	Dr. Nitin Kumar Bajpai	Extramural SERB	42nd Online Meeting 9/11/2020
382	AIIMS/IEC/2020/1616	Dr. Sumit Banerjee	Additional Professor	Orthopaedics	Evaluation of patient and doctor perception toward the effectiveness and satisfaction of telemedicine in orthopaedics during COVID-19 pandemic	Dr. Jeshwanth. N Dr. Abhay Elhence Dr. Nitesh Gahlot Dr. Nilesh Barwal Dr. Akshat Gupta	Non-Funded COVID-19	42nd Online Meeting 9/11/2020
383	AIIMS/IEC/2020/1617	Dr. Naveen Sharma	Professor	General Surgery	Road traffic accidents during COVID-19 pandemic: A multicentre retrospective analytical study	Dr. Mahaveer Singh Rodha Dr. Naveen Sharma Dr. Ashok Puranik Dr. Tushar Mishra Dr. Pradeep Saxena Dr. Subodh Agarwal Dr. Debajyoti Mohanti Dr. Amulya Rattan Dr. R.K.Singh	Non-Funded Multi-centric Study	42nd Online Meeting 9/11/2020

384	AIIMS/IEC/2020/1618	Dr. Kuldeep Singh	Professor & Head	Pediatrics	Digital droplet PCR technique an alternative testing method for detection of chromosomal aneuploidies under AIIMS Jodhpur DBT NIDAN Kendra	Dr. Pratibha Singh Dr. Charu Sharma Mr. Dolat Singh Shekhawat	Extramural NIDAN Kendra	42nd Online Meeting 9/11/2020
385	AIIMS/IEC/2020/1619	Dr. Pankaj Bhardwaj	Additional Professor	Community Medicine & Family Medicine	Assessment oral health status of symptomatic COVID-19 patients in a dedicated Covid facility in Jodhpur Rajasthan: A cross-sectional study	Dr. Nitin Kumar Joshi Dr. Yogesh Kumar Jain Dr. Praveen Suthar Dr. Vibha Joshi Dr. Kuldeep Singh	Non-Funded COVID-19	42nd Online Meeting 9/11/2020
386	AIIMS/IEC/2020/1620	Dr. Ravi Gaur	Associate Professor	Physical Medicine and Rehabilitation	Assessment of Disability in Patients after Novel Corona Virus Infection: A Cross Sectional Study	Dr. Deepak Sharma Dr. Satyasheel Singh Asthana	Non-Funded	42nd Online Meeting 9/11/2020
387	AIIMS/IEC/2020/1621	Dr. Nishant Kumar Chauhan	Additional Professor	Pulmonary Medicine	Digital -ROSE in Endobronchial Ultrasound Guided Transbronchial Needle Aspiration (DEBUT study)	Dr. Poonam Elhence Dr. Shahir Asfahan	Non-funded	42nd Online Meeting 9/11/2020
388	AIIMS/IEC/2020/1622	Dr. Pooja Ojha	Assistant Professor	Physiology	Quantitative sensory testing of allodynia in migraine. Its association with endogenous sex hormones & TRPV1 expression	Dr. Samhita Panda Dr. Mithu Banerjee	Intramural	42nd Online Meeting 9/11/2020
389	AIIMS/IEC/2020/1623	Dr. Madhukar Mittal	Additional Professor	Endocrinology & Metabolism	Development and clinical validation of markers for a point of care diagnostic kit for diabetic nephropathy	Dr. Vikas Srivastava	Extramural DBT BIRAC (PACE grant)	42nd Online Meeting 1/12/2020
390	AIIMS/IEC/2020/1637	Dr. Purvi Purohit	Additional Professor	Biochemistry	Association of Endocrine-disrupting chemicals with methylation status of CPT1A, ABCG1, and SREBF1 in urban residents with metabolic syndrome	Dr. Shrimanjanath Sakangoudar Dr. Akhil Goel Dr. Mithu Banerjee	Extramural DHR-ICMR	42nd Online Meeting 1/12/2020
391	AIIMS/IEC/2020/1626	Dr. Vaibhav Kumar Varshney	Assistant Professor	Surgical Gastroenterology	MicroRNA profiling in plasma and its correlation with tumour tissue and clinic-pathological parameters in Periampullary carcinoma	Dr. Prasanjit Mitra Dr. Subhash Soni Dr. Shilpi Gupta Dixit Dr. Praveen Sharma	Intramural 2020-21	42nd Online Meeting 1/12/2020

392	AIIMS/IEC/2020/1625	Dr. Surendra Patel	Assistant Professor	Cardio-Thoracic and Vascular Surgery (Trauma & Emergency)	Role of Femoral Intima -media Thickness in risk prediction of Coronary artery disease, its association with markers of inflammation and atherosclerosis and its role in accessing severity of coronary artery disease.	Dr. Surender Deora Dr. Atul Kaushik Dr. Rahul Choudhary Dr. Pawan Garg Dr. Akhil Dhanesh Goel Dr. Alok Kumar Sharma	Intramural 2020-21	42nd Online Meeting 1/12/2020
393	AIIMS/IEC/2020/1630	Dr. Subhash Soni	Assistant Professor	Surgical Gastro-enterology	Pilot study to correlate pancreatic remnant volume following pancreaticoduodenectomy with pancreatic exocrine and endocrine insufficiency	Dr. Vaibhav Varshney Dr. Jeewan Ram Vishnoi Dr. Mahaveer Rodha Dr. Binit Sureka Dr. Pushpinder Khara Dr. Dharmaveer Yadav Dr. Ashok Kumar Puranik	Intramural 2020-21	42nd Online Meeting 1/12/2020
394	AIIMS/IEC/2020/1627	Dr. Atul Kaushik	Assistant Professor	Cardiology	Prospective observational study of Ambulatory Blood Pressure Monitoring in resident doctors and its correlation with serum melatonin, cortisol and hs CRP levels	Dr. Praveen Sharma Dr. Surender Deora Dr. Shailja Sharma Dr. Madhukar Mittal Dr. Naresh Kumar Midha Dr. Surendra Patel Dr. Rahul Choudhary	Intramural 2020-21	42nd Online Meeting 1/12/2020
395	AIIMS/IEC/2020/1646	Dr. Rahul Choudhary	Assistant Professor	Cardiology (Trauma and Emergency)	To assess the cardiac remodelling in patients undergoing surgical or percutaneous management for Mitral stenosis with the application of speckle tracking echocardiography	Dr. Alok Sharma Dr. Surender Deora Dr. Atul Kaushik	Intramural 2020-21	42nd Online Meeting 1/12/2020
396	AIIMS/IEC/2020/1628	Dr. Pawan Kumar Dixit	Assistant Professor	Burns & Plastic Surgery	Vascular basis of expandable forearm muscles for proximally and distally based muscle flaps	Dr. Dushyant Agrawal Dr. Surajit Ghatak Dr. Ashok Puranik	Intramural 2020-21	42nd Online Meeting 1/12/2020
397	AIIMS/IEC/2020/1634	Dr. Deepak Vedant	Assistant Professor	Pathology	Comparison of HER2 neu gene status by Fluorescence in situ hybridization (FISH) and immunohistochemistry in invasive breast carcinoma	Dr. Poonam Elhence Dr. Sudeep Khara Dr. Jeewan Ram Vishnoi Dr. Ramkaran Chaudhary Dr. Puneet Pareek Dr. Sanjeev Misra	Intramural 2020-21	42nd Online Meeting 1/12/2020
398	AIIMS/IEC/2020/1638	Dr. Anil Budania	Assistant Professor	Dermatology, Venereology and Leprology	Clinical profile of urethritis and cervicitis and molecular characterization of the causative organisms	Dr. Sarika Kombade Dr. Naveen K H Dr. Charu Sharma Dr. Gautam Ram Chaudhary Dr. Vijaya Lakshmi Nag	Intramural 2020-21	42nd Online Meeting 1/12/2020

399	AIIMS/IEC/2020/1643	Dr. Satya Prakash Meena	Assistant Professor	General Surgery	Fibrin glue application in pilonidal sinus: A prospective observational study	Dr. Naveen Sharma Dr. Ashok Kumar Puranik Dr. Mahaveer Singh Rodha Dr. Ramkaran Chaudhary Dr. Mahendra Lodha Dr. Mayank Badkur	Intramural 2020-21	42nd Online Meeting 1/12/2020
400	AIIMS/IEC/2020/1632	Dr. Mukesh Kumar Swami	Assistant Professor	Psychiatry	Assessment of cognitive functions and functional disability among symptomatic and remitted patients with depression	Dr. Tanu Gupta Dr. Naresh Nebhinani	Intramural 2020-21	42nd Online Meeting 1/12/2020
401	AIIMS/IEC/2020/1631	Dr. Shailja Sharma	Associate Professor	Biochemistry	Effect of blood lead levels on Plasmacytoid Dendritic Cell development and function in school going children of Jodhpur	Dr. Praveen Sharma Dr. Prasenjit Mitra	Intramural 2020-21	42nd Online Meeting 1/12/2020
402	AIIMS/IEC/2020/1629	Dr. Vikarn Vishwajeet	Assistant Professor	Pathology & Lab Medicine	Spectrum of fungal rhinosinusitis on histopathological examination in Western part of the country	Prof. Poonam Abhay Elhence Dr. Jyotsna Naresh Bharti Dr. Meenakshi Rao Dr. Aasma Nalwa Dr. Sudeep Khara Dr. Deepak Vedant Dr. Anuradha Sharma Dr. Darwin Kaushal Dr. Kapil Soni	Non-Funded	42nd Online Meeting 1/12/2020
403	AIIMS/IEC/2020/1624	Dr. Naveen Dutt	Additional Professor	Pulmonary Medicine	Multicentric study to assess the impact of COVID-19 in patients with pre-existing ILD	Dr. Nishant Kumar Chauhan Dr. Ramniwas Dr. M.K.Garg Dr. Pawan Kumar Garg Dr. Deepak Kumar Dr. Vikarn Vishwajeet	Non-Funded COVID-19	42nd Online Meeting 1/12/2020
404	AIIMS/IEC/2020/1633	Dr. Mukesh Chandra Sharma	Associate Professor	College of Nursing	COVID-19 infection preventive practices among health care workers and general public at selected area of Jodhpur, Rajasthan	Raghav. V A	Non-Funded COVID-19	42nd Online Meeting 1/12/2020
405	AIIMS/IEC/2020/1636	Dr. Ankur Sharma	Assistant Professor	Trauma & Emergency (Anaesthesiology)	Utility of Pentraxin-3 and Presepsin in prognosis of sepsis in critically ill patients	Dr. Pradeep Bhatia Dr. Nikhil Kothari Dr. Praveen Sharma Dr. Shrimanjunath Sankanagoudar Dr. Akhil Dhanesh Goel	Intramural 2020-21	42nd Online Meeting 1/12/2020

406	AIIMS/IEC/2020/1635	Dr. Varuna Vyas	Assistant Professor	Pediatrics	Immuno-Clinical Characterization of Diabetes Mellitus in Children and Adolescents	Dr. Mithu Banerjee Dr. M.K.Garg Dr. Kuldeep Singh	Intramural 2020-21	42nd Online Meeting 1/12/2020
407	AIIMS/IEC/2020/1640	Dr. Kuldeep Singh	Professor & Head	Pediatrics	Using audio-visual "Nudges to Optimize Healthcare Delivery and Utilization"	Dr. Pratibha Singh Dr. Pankaj Bhardwaj Dr. Aliza Mittal Dr. Varuna Vyas	Intramural 2020-21	42nd Online Meeting 1/12/2020
408	AIIMS/IEC/2020/1639	Dr. Maya Gopalakrishnan	Assistant Professor	Medicine	Clinical effectiveness and patient related outcomes of "Treat to target" strategy in patients of Rheumatoid arthritis patients at AIIMS Jodhpur: A prospective interventional study	Dr. Gopal Krishna Bohra Dr. Naresh Midha Dr. Pawan Kumar Garg Dr. Kamla Kant Shukla	Intramural 2020-21	42nd Online Meeting 1/12/2020
409	AIIMS/IEC/2020/1642	Dr. Bharat Kumar	Assistant Professor	Medicine	A study of Metabolic Syndrome and its association with Inflammatory Markers & Insulin resistance in school going children in Western Rajasthan	Dr. Mahendra Kumar Garg Dr. Kamla Kant Shukla Dr. Pankaj Bhardwaj	Intramural 2020-21	42nd Online Meeting 1/12/2020
410	AIIMS/IEC/2020/1641	Dr. Satyendra Khichar	Assistant Professor	General Medicine	Prevalence of vitamin D deficiency in school going children in western Rajasthan - A cross sectional observational study	Dr. Mahendra Kumar Garg Dr. Gopal Krishana Bohra Dr. Kamla Kant Shukla Dr. Pankaj Bhardwaj	Intramural 2020-21	42nd Online Meeting 1/12/2020
411	AIIMS/IEC/2020/1644	Dr. Surender Deora	Associate Professor	Cardiology	WHF COVID-19 and Cardiovascular Disease Survey	Dr. Deepak Kumar Sharma Dr. Atul Kaushik Dr. Rahul Choudhary Dr. Jaykaran Charan Dr. Pankaj Bhardwaj Dr. Mahendra Kumar Garg Dr. Kuldeep Singh Dr. Sanjeev Misra	Extramural	42nd Online Meeting 4/12/2020

412	AIIMS/IEC/2020/1646	Site PI Name: Dr. Deepak Kumar Site Coordinator: Dr. Pankaj Bhardwaj	Assistant Professor Additional Professor	General Medicine CM&FM	An International Multicenter, Adaptive Randomized Double-Blind, Placebo-Controlled Trial of the Safety, Tolerability and Efficacy of Anti-Coronavirus Hyperimmune Interavenous Immunoglobulin for the Treatment of Adult Hospitalized Patients at Onset of Clinical Progression of COVID-19	Dr. Sanjeev Misra Prof. Vijaya Lakshmi Nag Prof. M.K.Garg Prof. Praveen Sharma Dr. Jaykaran Charan Dr. Naresh Kumar Midha Dr. Prasenjit Mitra Dr. Durga Shankar Meena Dr. Ravisekhar Gadepalli Dr. Nishant Kumar Chauhan Dr. Nikhil Kothari Dr. Abhishek Purohit Dr. Gopal Krishana Bohra Dr. Ankur Sharma Dr. Siddhartha Dutta	Clinical Trial	42nd Online Meeting 4/12/2020
413	AIIMS/IEC/2020/1647	Dr. Jaykaran Charan	Associate Professor	Pharmacology	An analysis of utilization and pricing of various biosimilar insulin glargine as compared to lantus in pharmacies of Jodhpur	None	Non-Funded	42nd Online Meeting 28/12/2020
414	AIIMS/IEC/2020/1648	Dr. Jaykaran Charan	Associate Professor	Pharmacology	A survey on burden of COVID-19 in pharmacists and analysis of prescription and sales of various medications used in COVID-19	Dr. Sneha Ambwani Dr. Siddhartha Dutta	Non-Funded COVID-19	42nd Online Meeting 28/12/2020
415	AIIMS/IEC/2020/1649	Dr. Pankaj Bhardwaj	Additional Professor	Community Medicine & Family Medicine	Epidemiology of Pancreatitis and Major Gastrointestinal Diseases: A Multi-centre Study Across India- An ICMR Task Force Project	Dr. Vaibhav Kumar Varshney	Extramural ICMR	42nd Online Meeting 28/12/2020
416	AIIMS/IEC/2020/1650	Dr. Ravi Gaur	Associate Professor	Physical Medicine and Rehabilitation	Assessment of Disability using WHODAS 2.0 in Acute Corona Virus Infection: A Cross Sectional Study	Dr. Gopal Krishna Bohra Dr. Minhaj Akhter Dr. Satyasheel Singh Asthana Dr. Mohd Nadeem	Non-Funded	42nd Online Meeting 28/12/2020

417	AIIMS/IEC/2020/1652	Dr. Kuldeep Singh	Professor & Head	Paediatrics	Need Assessment regarding Telemedicine among Indigenous population of District Sirohi	Dr. Pratibha Singh Dr. Ramkaran Chaudhary Dr. Pankaj Bhardwaj Dr. Abhishek Bhardwaj Dr. Naveen Dutt Dr. Puneet Pareek Dr. Gopal Bohra Dr. Surendra Deora Dr. Nitin Bajpai Dr. Pradeep Dwivedi Dr. Aliza Mittal Dr. Varuna Vyas Dr. Mukesh Kumar Swami Dr. Rakhi Dwivedi	Non-Funded	42nd Online Meeting 28/12/2020
418	AIIMS/IEC/2020/1473	Dr. Suwarna Suman	Assistant Professor	Ophthalmology	Study to evaluate the efficacy of different treatment modalities for patients of amblyopia	Dr. Suwarna Suman	Non-Funded	Online Meeting 28/12/2020
419	AIIMS/IEC/2020/1653	Mr. Nipin Kalal	Assistant Professor	College of Nursing	Quality of sleep and Factors Associated with Sleep Pattern Disturbance among Patients in Critical Care Units: Mixed Method study	Dr. Ashok Kumar Ms. Nimarta Dr. Nikhil Kothari	Non-Funded	42nd Online Meeting 28/12/2020
420	AIIMS/IEC/2020/1654	Dr. Subhash Chandra Soni	Assistant Professor	Surgical Gastro-enterology	Evaluation of outcomes of enhanced recovery after surgery (ERAS) protocol in patients undergoing pancreaticoduodenectomy-a prospective observational study	Dr. Vaibhav Varshney	Non-Funded	42nd Online Meeting 28/12/2020
421	AIIMS/IEC/2020/1655	Dr. Sneha Ambwani	Professor & Head	Pharmacology	A Retrospective Analysis of Reported adverse drug reactions from various department during year 2014-2020 in aiims jodhpur	Dr. Siddhartha Dutta Dr. Govind Mishra Dr. Hina Lal	Non-Funded	42nd Online Meeting 28/12/2020
422	AIIMS/IEC/2020/1656	Dr. Vivek Kumar Sharma	Professor & Head	Physiology, AIIMS Rajkot, Gujarat	Effect of yoga on autonomic function pulmonary function and stress in healthcare workers due to COVID-19 pandemic: correlation with inflammatory and oxidative stress markers	Dr. Rajesh Kathrotia Dr. Chitturi Vinay Dr. Gaurav Sharma Dr. Naresh Parmar Dr. Gauravi A Dhruva	Extramural DST Satyam	42nd Online Meeting 28/12/2020

423	AIIMS/IEC/2020/1657	Dr. Nitesh Manohar Gonnade	Associate Professor	Physical Medicine and Rehabilitation	Correlation of Chest CT scan score and disability in post COVID-19 patients	Dr. Gopal Krishna Bohra Dr. Pawan Kumar Garg Dr. Naresh Kumar Midha Dr. Rambeer Dr. Sharad Kumar Kedia Dr. Satyasheel Singh Asthana Dr. Minhaj Akhter	Non-Funded COVID-19	42nd Online Meeting 28/12/2020
424	AIIMS/IEC/2020/1658	Dr. Yachana Choudhary	SR	Community Medicine & Family Medicine	Treatment compliance among chronic disease patients during ongoing COVID-19 pandemic in urban jodhpur	Dr. Neeti Rustagi Dr. Pankaja Raghav Dr. Prasanna T Dr. Shazia Shafi Dr. Mehul Patel Dr. Nitesh Kumar	Non-Funded	42nd Online Meeting 28/12/2020
425	AIIMS/IEC/2020/1472	Dr. Suwarna Suman	Assistant Professor	Ophthalmology	Ologen-A Saviour in management of glaucoma	None	Non-Funded	Online Meeting 28/12/2020
426	AIIMS/IEC/2020/1659	Dr. Kavita R. Bhatnagar	Professor & Head	Ophthalmology	Digital eye strain (DES) online survey before and after COVID-19 pandemic era in medical students and faculty	Dr. Kuldeep Singh Dr. Shilpi Gupta Dixit	Non-Funded	42nd Online Meeting 28/12/2020
427	AIIMS/IEC/2020/1660	Dr. Kavita R. Bhatnagar	Professor & Head	Ophthalmology	Clinical Profile and Investigational Characteristics of Glaucoma Patients: A Retrospective Analysis	None	Non-Funded	42nd Online Meeting 28/12/2020
428	AIIMS/IEC/2021/1661	Dr. Vaibhav Kumar Varshney	Associate Professor	Surgical Gastroenterology	Pancreatoduodenectomy with or without feeding jejunostomy: A Randomized controlled trial	Dr. Subhash Soni	Non-Funded	Online Meeting 13/01/2021
429	AIIMS/IEC/2021/1662	Dr. Pawan Kumar Dixit	Assistant Professor	Burns & Plastic Surgery	Implication of increased uses of technology on awareness about plastic surgery in medical undergraduates	Dr. Prakash Chandra Kala Dr. Deepti Katrolia Dr. Ankit Dave Dr. Kuldeep Singh	Non-Funded	43rd Online Meeting 13/01/2021
430	AIIMS/IEC/2021/1663	Dr. Subhash Chandra Soni	Associate Professor	Surgical Gastro-enterology	Indocyanine green versus preoperative oral lipids in preventing thoracic duct injuries in minimally invasive esophagectomy for carcinoma esophagus- A prospective comparative pilot study	Dr. Vaibhav Varshney Dr. Pawan Garg Dr. Ashok Puranik	Non-Funded	43rd Online Meeting 13/01/2021

431	AIIMS/IEC/2021/1664	Dr. Kuldeep Singh	Professor & Head	Pediatrics	A Clinical, Biochemical Hematological, Genomic and Anthropological profile of the different tribes of Rajasthan- In continuation of Genomeindia project	Dr. Praveen Sharma Dr. Mithu Banerjee Dr. Varuna Vyas Mr. Dolat Singh Shekhawat	Non-Funded	43rd Online Meeting 13/01/2021
432	AIIMS/IEC/2021/1665	Dr. Arvind Kumar Morya	Assistant Professor	Ophthalmology	Axenfeld-Reiger Syndrome: A search for the missing links	Dr. Suwarna Suman	Non-Funded	Online Meeting 13/01/21
433	AIIMS/IEC/2021/1666	Dr. Arvind Kumar Morya	Assistant Professor	Ophthalmology	Comparison clinical performance between Trifocal and Bifocal Intraocular Lenses: A Prospective/ Retrospective study from Tertiary Eye Care Institute of Western Rajasthan	Dr. Suwarna Suman	Non-Funded	43rd Online Meeting 13/01/2021
434	AIIMS/IEC/2021/1667	Dr. Bharati Mehta	Professor	Physiology	Evaluation of a series of post-lecture online self-assessment tests on academic performance in medical undergraduates	Dr. Pooja Ojha	Non-Funded	43rd Online Meeting 13/01/2021
435	AIIMS/IEC/2021/1668	Dr. Binit Sureka	Associate Professor	Radiology	Can CT and MRI determine the origin of Periampullary Carcinomas? Retrospective study to determine the key imaging features	Dr. Vaibhav Varshney Dr. Subhash Soni Dr. Jeevanram Vishnoi Dr. Poonam Elhence Dr. Mitthu Banerjee Dr. Taruna Yadav Dr. Pushpinder Khara Prof. Sanjeev Misra	Non-Funded	43rd Online Meeting 13/01/2021
436	AIIMS/IEC/2021/1669	Dr. Amit Goyal	Professor & Head	Otorhinolaryngology	A retrospective review of neurovascular swellings of the head and neck	Dr. Nikhil Rajan	Non-Funded	Online Meeting 13/01/21
437	AIIMS/IEC/2021/1670	Dr. Kavita R. Bhatnagar	Professor & Head	Ophthalmology	Study of the changing trends in the risk factors and type of Dry Eye Disease during COVID-19 pandemic	Dr. Kanchan Solanki	Non-Funded	43rd Online Meeting 13/01/2021
438	AIIMS/IEC/2021/1671	Mrs. Sanjeeta Dara	Nursing Tutor/ ANS	College of Nursing	Awareness and attitude of healthcare workers about COVID-19 Vaccination in western India: An institute based descriptive survey	Dr. Suresh K. Sharma Dr. Pankaj Bhardwaj Dr. Mukesh Chand Sharma Dr. Ashok Kumar Dr. Akhil Dhanesh Goel Dr. Vidhi Jain Dr. Manoj Kumar Gupta Dr. Suman Saurabh Dr. Sanjeev Misra	Non-Funded	43rd Online Meeting 13/01/2021

439	AIIMS/IEC/2021/1672	Dr. Sarbesh Tiwari	Assistant Professor	Diagnostic & Interventional Radiology	Retrospective evaluation of neuroimaging findings in patients admitted with COVID-19 infection	Dr. Pawan Garg Dr. Pushpinder S Khera Dr. Samhita Panda Dr. M.K.Garg Dr. Vijaya Lakshmi Nag Dr. Pradeep Kumar Bhatia Dr. Daisy Khera Dr. Mayank Garg Dr. Taruna Yadav Dr. Deepak Kumar	Non-Funded	43rd Online Meeting 13/01/2021
440	AIIMS/IEC/2021/1674	Dr. Deepak Kumar	Assistant Professor	General Medicine	A retrospective analysis of clinical feature, radiological findings and treatment outcome in pulmonary nocardiosis	Dr. M.K.Garg Dr. Gopal K Bohra Dr. Ashwini Agarwal Dr. Vidhi Jain Dr. Durga S Meena Dr. Pawan Garg Dr. Naveen Dutt	Non-Funded	43rd Online Meeting 20/01/2021
441	AIIMS/IEC/2021/1673	Dr. Jaykaran Charan	Associate Professor	Pharmacology	An analysis of Acute and Long Term Adverse Events Following Immunization (AEFI) associated with COVID-19 vaccination In Health Care Workers In a Tertiary Care Hospital of Western Rajasthan	Dr. Pankaj Bhardwaj Dr. Rimple Jeet Kaur Dr. Siddhartha Dutta Dr. Akhil Dhanesh Goel Dr. Manoj Gupta Dr. Sneha Ambwani Dr. Praveen Sharma Dr. Sanjeev Misra	Non-Funded	43rd Online Meeting 20/01/2021
442	AIIMS/IEC/2021/1778	Dr. Bharat Choudhary	Associate Professor	Trauma and Emergency (Paediatrics)	Impact of paediatric acute care area on patient management and outcome in common emergency department settings	Dr. Kuldeep Singh Dr. Sanjeev Misra	Non-Funded	44th Online Meeting 02/02/2021
443	AIIMS/IEC/2021/1675	Dr. Pawan Kumar Dixit	Assistant Professor	Burns & Plastic Surgery	The functional and aesthetic outcome of groin/abdomen and PIA flap: a comparative study	Dr. Prakash Chandra Kala Dr. Deepti Katrolia Dr. Aniket Dave	Non-Funded	Online Meeting 02/02/2021
444	AIIMS/IEC/2021/1677	Dr. Kirti Chaudhry Dutt	Associate Professor	Dentistry	Minimal clinically important difference (MCID) of mouth opening in oral submucous fibrosis patients	Dr. Neeti Rustagi Dr. Amanjot Kaur Dr. Pravin Kumar	Non-Funded	44th Online Meeting 02/02/2021
445	AIIMS/IEC/2021/1679	Dr. Kuldeep Singh	Professor & Head	Pediatrics	Establishment of a Consortium for One Health to address Zoonotic and Transboundary Diseases in India, including the Northeast Region	Dr. Gopal Bohra Dr. Pankaj Bhardwaj Dr. Vidhi Jain	Extramural	44th Online Meeting 02/02/2021

446	AIIMS/IEC/2021/1676	Dr. Pankaj Bhardwaj	Additional Professor	Community Medicine & Family Medicine	A phase III , randomized, multi-center, double blind, placebo controlled, study to evaluate efficacy, safety and immunogenicity of Novel Corona Virus-2019-nCov vaccine candidate of M/s Cadila Healthcare Limited	Dr. Akhil D. Goel Dr. Manoj Kr. Gupta Dr. Suman Saurabh Dr. Nishant Kumar Chauhan Dr. Jaykaran Charan Dr. Kuldeep Singh Dr. Deepak Kumar Dr. Nikhil Kothari Dr. Praveen Sharma Dr. Ravisekhar Gadepalli Dr. Vidhi Jain Dr. Naveen Dutt Dr. Sanjeev Misra	Clinical Trial	44th Online Meeting 02/02/2021
447	AIIMS/IEC/2021/1776	Ms. Haleemunnissa	Child Psychologist	Psychiatry	Injury pattern in children with ADHD and healthy controls: A comparative study	-	Non-Funded	Online Meeting 02/02/2021
448	AIIMS/IEC/2021/1775	Ms. Haleemunnissa	Child Psychologist	Psychiatry	Child sexual abuse- A step towards prevention (Assessing gaps in knowledge & preventive measure in healthcare workers, teachers and parents)	Dr. Siyaram Didel Dr. Kuldeep Singh Dr. Naresh Nebhinani	Non-Funded	44th Online Meeting 02/02/2021
449	AIIMS/IEC/2021/1777	Dr. Suman Saurabh	Assistant Professor	Community Medicine & Family Medicine	Awareness and attitude regarding COVID-19 vaccination among undergraduate medical students in India	Dr. Akhil Dhanesh Goel Dr. Manoj Kumar Gupta Dr. Pankaj Bhardwaj Dr. Pankaja Ravi Raghav	Non-Funded	44th Online Meeting 11/02/2021
450	AIIMS/IEC/2021/1778	Dr. Sanjay Mishra	Senior Resident	Anatomy	Prevalence of numerical chromosomal aberrations in acute lymphoblastic leukemia in western Rajasthan population: Pilot study	Dr. Dushyant Agrawal Dr. Abhishek Purohit Dr. Siyaram Didel Dr. Surajit Ghatak Dr. Renu Gupta	Non-Funded	44th Online Meeting 11/02/2021
451	AIIMS/IEC/2021/1779	Dr. Mukesh Chandra Sharma	Associate Professor	College of Nursing	Dorothea Orem's Self-care deficit nursing theory based approach- Development of tool to measure self-care agency of patient admitted in Critical Care Unit of AIIMS, Jodhpur	Prof. Suresh K Sharma Mr. Shrikant K.Nair	Non-Funded	44th Online Meeting 11/02/2021
452	AIIMS/IEC/2021/1780	Mr. Hanuman Ram Bishnoi	Tutor (Nursing)	College of Nursing	A Study to Explore Myths and Reality about Corona Vaccination among General Public in Selected Area of Jodhpur	Rishi Dutt Avasthi Prof. Suresh K. Sharma Dr. Pankaj Bhardwaj	Non-Funded	44th Online Meeting 11/02/2021

453	AIIMS/IEC/2021/1781	Dr. Satya Prakash Meena	Assistant Professor	General Surgery	Primary closure with negative suction drain versus delayed primary closure techniques in emergency laparotomy: A randomized controlled trial	Prof. Ashok Puranik Prof. Naveen Sharma Dr. Mahaveer Rodha Dr. Mahendra Lodha Dr. Mayank Badkur	Non-Funded	44th Online Meeting 11/02/2021
454	AIIMS/IEC/2021/1784	Dr. Pankaja Raghav	Professor & Head	Community Medicine & Family Medicine	Community Behavior and its determinants in relation to Malaria prevention and control in Rajasthan	Dr. Neeti Rustagi Dr. Srikanth Srinivasan Dr. Prasanna Thirunavukkarasu	Extramural	Online Meeting 11/02/2021
455	AIIMS/IEC/2021/1785	Dr. Gautam Ram Choudhary	Associate Professor	Urology	Validation of Comprehensive Renal Nephrometry Score for Small Renal Masses: Patient Renal and Tumor Attribute score (PRTA Score)	Dr. Prateek Gupta Dr. Himanshu Pandey Dr. Vijay Kumar Sarma Madduri Dr. Mahendra Singh Dr. Rahul Jena Dr. Subhajit Mandal	Non-Funded	44th Online Meeting 11/02/2021
456	AIIMS/IEC/2021/1786	Dr. Pratibha Singh	Professor & Head	Obstetrics & Gynaecology	Women's Health and Domestic violence against women during COVID-19 pandemic in India: A cross-sectional study	Dr. Pankaj Bhardwaj Dr. Pratibha Dr. Priyanka Kathuria	Non-Funded	44th Online Meeting 11/02/2021
457	AIIMS/IEC/2021/1810	Dr. Nitin Kumar Bajpai	Associate Professor	Nephrology	Retrospective analysis of spectrum of infections and antibiotic resistance pattern in chronic kidney disease patients on maintenance hemodialysis in a tertiary care centre in North India	Dr. Manish Chaturvedy Dr. C.Malsawmkima Dr. Vibhor Tak Dr. Jony Agarwal	Non-Funded	44th Online Meeting 25/02/2021
458	AIIMS/IEC/2021/1809	Dr. Priyanka Kathuria	Assistant Professor	Obstetrics & Gynaecology	Expression and association of MicroRNAs (miR-424 and miR-519d) in pregnancies complicated by fetal growth restriction via KLF6 and MT1-MMP (MMP-14) pathways	Dr. Purvi Purohit Dr. Pratibha Singh Dr. Garima Yadav Dr. Navdeep Kaur Ghuman Dr. Charu Sharma Dr. Meenakshi Gothwal Dr. Manisha Jhirwal	Intramural	44th Online Meeting 25/02/2021
459	AIIMS/IEC/2021/1807	Ms. S.K.Mohan-sundari	Tutor	College of Nursing	Effectiveness of flippits and virtual reality therapy on pain and anxiety among children undergoing painful procedures in AIIMS Jodhpur	Mr. Raghu V.A Mrs. Joyce Joseph Mrs. Remiya Mohan Dr. Suresh K Sharma	Non-Funded	44th Online Meeting 25/02/2021
460	AIIMS/IEC/2021/1808	Mrs. Moir-anthem Sonia	Tutor	College of Nursing	Perception of patient safety climate among health care workers with a view to develop and test the patient safety interventional protocol, at AIIMS Jodhpur, Rajasthan	Mrs. S.K.Mohanasundri Mrs. Joyce Joseph Dr. Suresh K Sharma	Non-Funded	44th Online Meeting 25/02/2021

461	AIIMS/IEC/2021/1811	Dr. Pawan Kumar Patil	Director Action Against Hunger, India (AAH-India) Mumbai	Action Against Hunger, India (AAH-India) Mumbai	Digital Innovation for Zero Hunger: Developing an Artificial Intelligence enabled mobile application to detect malnutrition in children aged 6-59 months	Ms. Aakanksha Pandey Ms. Shivangi Kaushik Mr. Markus Matiaschek	Funded Welthun-gerhilfe, Germany	44th Online Meeting 25/02/2021
462	AIIMS/IEC/2021/1806	Dr. Archana Bajpayee	Additional Professor	Transfusion Medicine & Blood Bank	Research study on patient Blood Management in Rajasthan state and its Impact on Health Economics	Dr. Sanjeev Misra Prof. Suresh Kumar Sharma Dr. Poonam Elhence Dr. Anubhav Gupta	National Health	44th Online Meeting 25/02/2021
463	AIIMS/IEC/2021/1680	Guide: Dr. Saurabh Singh Student: Dr. Yamini Sihag	Additional Professor	Dermatology, Venereology and Leprology	A three arm open label randomized control trial comparing minoxidil 5% solution and oral biotin VERSUS minoxidil 5% + finasteride 0.1% and oral placebo VERSUS minoxidil 5% and oral placebo in the management of male androgenic alopecia	Dr. Abhishek Bhardwaj Dr. Anil Budania Dr. Anupama Bains Dr. Suman Patra Dr. Shrimanjanath Sankanagoudar	M.D. Dissertation	45th Online Meeting 10/03/2021
464	AIIMS/IEC/2021/1681	Guide: Dr. Ankur Sharma Student: Dr. Mruthyunjaya N S	Associate Professor	Anaesthesiology and Critical Care	Comparison of two ultrasound-guided techniques (dynamic needle tip positioning and acoustic shadowing) with conventional palpation technique for radial arterial cannulation in adult patients: a randomized controlled trial	Dr. Pradeep Bhatia Dr. Nikhil Kothari Dr. Shilpa Goyal Dr. Kamlesh Kumari	M.D. Dissertation	45th Online Meeting 10/03/2021
465	AIIMS/IEC/2021/1682	Guide: Dr. Madhukar Mittal Student: Dr. Prasoon Rastogi	Additional Professor	Endocrinology & Metabolism	Assessment of Bone Mineral Density (BMD) and Trabecular Bone score (TBS) in patients of Hyperthyroidism	Dr. M.K.Garg Dr. Rajesh Kumar Dr. Mithu Banerjee Dr. Ravindra Shukla	D.M. Dissertation	45th Online Meeting 10/03/2021
466	AIIMS/IEC/2021/1683	Guide: Dr. Neeraj Gupta Student: Dr. Ramandeep Kaur	Additional Professor	Neonatology	Weight Loss Pattern in Exclusively Breastfed Healthy Newborns (³ 36 weeks) in Semi-Arid Region during Birth Hospitalization	Dr. Arun K Singh Dr. Pratibha Singh Dr. Mithu Banerjee	D.M. Dissertation	45th Online Meeting 10/03/2021

467	AIIMS/IEC/2021/1684	Guide: Dr. Arun Kumaren du Singh Student: Dr. Adil Ahmed Khan	Professor & Head	Neonatology	Correlation of cytokine pattern in moderate to severe perinatal asphyxia with neurodevelopmental outcome: A prospective cohort study	Dr. Neeraj Gupta Dr. Pratibha Singh Dr. Mithu Banerjee	D.M. Dissertation	45th Online Meeting 10/03/2021
468	AIIMS/IEC/2021/1685	Guide: Dr. Ramniwas Student: Dr. Saumya Shishir	Assistant Professor	Pulmonary Medicine	Role of smartphone based inhaler teaching technique in asthma control-A randomised control study	Dr. M.K.Garg Dr. Naveen Dutt Dr. Nishant Kumar Chauhan	D.M. Dissertation	45th Online Meeting 10/03/2021
469	AIIMS/IEC/2021/1686	Guide: Dr. Jayakaran Charan Student: Dr. Suman S V	Associate Professor	Pharmacology	Efficacy and Safety of Voglibose v/s Glimepiride in Combination with Metformin in Type 2 Diabetes: A Randomized Controlled Trial	Dr. Surjit Ghatak Dr. Ravindra Shukla Dr. Dharmveer Yadav Dr. Shoban Babu Varthya	M.D. Dissertation	45th Online Meeting 10/03/2021
470	AIIMS/IEC/2021/1687	Guide: Dr. Bharat Choudhary Student: Dr. Bharti Gindlani	Assistant Professor	Trauma and Emergency (Paediatrics)	Impact of the Pre hospital Care and Mode of Transport on Clinical Outcome of Acutely Injured Patients coming to Emergency at a Tertiary Care Hospital In Jodhpur	Dr. Ashok Kumar Purranik Dr. Mahveer Singh Rodha Dr. Manoj Kumar Gupta Dr. Ankur Sharma Dr. Mahendra Kumar Garg	M.D. Dissertation	45th Online Meeting 10/03/2021
471	AIIMS/IEC/2021/1688	Guide: Dr. Surjit Singh Student: Dr. Sachin J	Additional Professor	Pharmacology	A Randomised Controlled Study of Efficacy and Safety of Saroglitzar on Type 2 Diabetes Mellitus	Dr. Mithu Banerjee Dr. Ravindra Shukla Dr. Jayakaran Charan Dr. Shoban Babu Varthya	M.D. Dissertation	45th Online Meeting 10/03/2021
472	AIIMS/IEC/2021/1689	Guide: Dr. Abhishek Bhardwaj Student: Dr. Shilpi Tyagi	Additional Professor	Dermatology, Venereology and Leprology	Comparison of the efficacy of oral Levocetirizine, Bilastine and Fexofenadine in Chronic Spontaneous Urticaria: An Open-labelled Randomised Controlled Trial	Dr. Saurabh Singh Dr. Anil Budania Dr. Anupama Bains Dr. Suman Patra Dr. Abhishek Purohit	M.D. Dissertation	45th Online Meeting 10/03/2021
473	AIIMS/IEC/2021/1690	Guide: Dr. Mukesh Kumar Swami Student: Dr. Harsh Khandelwal	Associate Professor	Psychiatry	Beliefs and Expectations from Psychotherapy and its association with Personality traits, Coping styles and Psychological flexibility	Dr. Naresh Nebhinani Dr. Tanu Gupta	M.D. Dissertation	45th Online Meeting 10/03/2021

474	AIIMS/IEC/2021/1691	Guide: Dr. Binit Sureka Student: Dr. Shaurya Sharma	Associate Professor	Diagnostic & Interventional Radiology	Morphological Analysis of Arterial Supply of Pancreas and Variations of Dorsal Pancreatic Artery	Dr. Pushpinder S. Khera Dr. Vaibhav Kumar Varshney Dr. Subhash Chandra Soni Dr. Taruna Yadav	M.D. Dissertation	45th Online Meeting 10/03/2021
475	AIIMS/IEC/2021/1692	Guide: Dr. Vinay Kumar Chugh Student: Dr. Supratim Kundu	Additional Professor	Dentistry	Stress distribution in the maxillofacial skeleton and the temporomandibular joint following bone anchored maxillary protraction: A three-dimensional finite element method study	Mr. Ankur Gupta Dr. Pravin Kumar	M.D.S Dissertation	45th Online Meeting 10/03/2021
476	AIIMS/IEC/2021/1693	Guide: Dr. Vinay Kumar Chugh Student: Dr. Himani Gupta	Additional Professor	Dentistry	Evaluation of Alveolar Bone Changes after Fixed Appliance Therapy in Orthodontic Patients- A Prospective Cohort Study	Dr. Pravin Kumar	M.D.S Dissertation	45th Online Meeting 10/03/2021
477	AIIMS/IEC/2021/1694	Guide: Dr. Pravin Kumar Student: Dr. P Soundharajan	Professor	Dentistry	An in-vitro analysis to evaluate the disinfection effectiveness of Cold Atmospheric Pressure (CAP) Plasma Jet in Enterococcus Faecalis infected root canals	Dr. Ram Prakash Dr. Sarika Prabhakar Kombade Dr. Ankita Chugh	M.D.S Dissertation	45th Online Meeting 10/03/2021
478	AIIMS/IEC/2021/1695	Guide: Dr. Alok Kumar Sharma Student: Dr. Poojan M Purohit	Associate Professor	CTVS	A Prospective Randomized study comparing effects of patient education on vitamin K fixed diet and vitamin K depleted diet on stabilization of anticoagulation in heart valve surgery patients	Dr. Deepak Kumar Jha Dr. Surendra Patel Dr. Danishwar Meena Dr. Anupam Das Dr. Abhishek Purohit Dr. Jaykaran Charan Dr. Prasenjit Mitra Dr. Rashmi Rathore	M.Ch. Dissertation	45th Online Meeting 10/03/2021
479	AIIMS/IEC/2021/1696	Guide: Dr. Vaibhav Kumar Varshney Student: Dr. Vignesh N	Associate Professor	Surgical Gastro-enterology	Impact of nasogastric tube exclusion after minimally invasive esophagectomy for esophageal cancer-a prospective observational study	Dr. Subhash Chandra Soni Dr. Ashok Kumar Puranik	M.Ch. Dissertation	45th Online Meeting 10/03/2021

480	AIIMS/IEC/2021/1697	Guide: Dr. Subhash Chandra Soni Student: Dr. Shabana	Associate Professor	Surgical Gastroenterology	Acinar cell density and fibrosis scoring in pancreaticoduodenectomy specimen for malignancies and its correlation with post operative pancreatic exocrine and endocrine insufficiency-a prospective study	Dr. Vaibhav Kumar Varshney Dr. Poonam Elhence Dr. Dharmveer Yadav Dr. Ashok Kumar Puranik	M.Ch. Dissertation	45th Online Meeting 10/03/2021
481	AIIMS/IEC/2021/1698	Guide: Dr. Anil Budania Student: Dr. Priyanka Karadia	Associate Professor	Dermatology, Venereology and Leprology	High frequency ultrasonography of benign and malignant skin tumors and its correlation with histopathology and dermoscopy	Dr. Taruna Yadav Dr. Abhishek Bhardwaj Dr. Prakash Kala Dr. Vikarn Vishwajeet Dr. Saurabh Singh Dr. Anupama Bains Dr. Suman Patra	M.D. Dissertation	45th Online Meeting 10/03/2021
482	AIIMS/IEC/2021/1699	Guide: Dr. Ashwini Agarwal Student: Dr. Debaleena Paul	Additional Professor	Microbiology	Microbiological Characterization and molecular differentiation of Corynebacterium Spp Isolate from clinical specimens in a tertiary care hospital in Western Rajasthan	Dr. Vidhi Jain Dr. Siya Ram Didel	M.D. Dissertation	45th Online Meeting 10/03/2021
483	AIIMS/IEC/2021/1700	Guide: Dr. Pratibha Singh Student: Dr. Chaithra BV	Professor & Head	Obstetrics & Gynaecology	To study the effects of maternal hypertension on the neonatal umbilical cord blood hemogram	Dr. Garima Yadav Dr. Neeraj Gupta Dr. Manu Goyal Dr. Priyanka Kathuria	M.D. Dissertation	45th Online Meeting 10/03/2021
484	AIIMS/IEC/2021/1701	Guide: Dr. Aliza Mittal Student: Dr. Vishnu Dev P M	Associate Professor	Paediatrics	Exploring the utility of telemedicine for paediatric nephrology at AIIMS Jodhpur: A study of patient outcomes, satisfaction and compliance	Prof. Kuldeep Singh Dr. Siyaram Didel Dr. Puneet Pareek Prof. Sanjeev Misra	M.D. Dissertation	45th Online Meeting 10/03/2021
485	AIIMS/IEC/2021/1702	Guide: Dr. Pradeep Kumar Bhatia Student: Dr. Hareesh Ayyawar	Professor & Head	Anaesthesiology and Critical Care	Early weaning from mechanical ventilation using HFNO vs conventional method in hypoxemic respiratory failure: A prospective randomized controlled trial	Dr. Nikhil Kothari Dr. Sadik Mohammed Dr. Bharat Paliwal Dr. Ankur Sharma	D.M. Dissertation	45th Online Meeting 10/03/2021
486	AIIMS/IEC/2021/1703	Guide: Dr. Pradeep Kumar Bhatia Student: Dr. Pilli Sachith Raju	Professor & Head	Anaesthesiology and Critical Care	Impact of various airway devices used in infants under General anaesthesia on perioperative respiratory complications- A prospective observational study	Dr. Shilpa Goyal Dr. Rakesh Kumar Dr. Swati Chhabra	M.D. Dissertation	45th Online Meeting 10/03/2021

487	AIIMS/IEC/2021/1704	Guide: Dr. Raghendra Singh Shekhawat Student: Dr. Rahul Panwar	Associate Professor	Forensic Medicine and Toxicology	Demonstration of mast cells by quantitative estimation of TNF- α and IL-3 by ELISA from lung tissue in fatal mechanical asphyxial deaths	Dr. Tanuj Kanchan Dr. Naveen Sharma Dr. Kamla Kant Shukla Dr. Meenakshi Rao	M.D. Dissertation	45th Online Meeting 10/03/2021
488	AIIMS/IEC/2021/1705	Guide: Dr. Manoj Kamal Student: Dr. Manish Mohan	Additional Professor	Anaesthesiology and Critical Care	Comparison of analgesic efficacy of ultrasound guided bilateral erector spinae plane block versus conventional intravenous patient controlled analgesia in patients undergoing cardiac surgery with midline sternotomy: An open label Randomized Control trial	Dr. Pradeep Bhatia Dr. Sadik Mohammed Dr. Alok Sharma Dr. Surendra Patel	M.D. Dissertation	45th Online Meeting 10/03/2021
489	AIIMS/IEC/2021/1706	Guide: Dr. Nishant Kumar Chauhan Student: Dr. Amartya Chakraborti	Additional Professor	Pulmonary Medicine	Pleural fluid calprotectin levels in benign and malignant pleural effusions and its significance in predicting success of pleurodesis in malignant pleural effusions	Dr. M.K.Garg Dr. Naveen Dutt Dr. Ramniwas Dr. Mithu Banerjee Dr. Ravisekhar Gadepalli Dr. Deepak Vedant	D.M. Dissertation	45th Online Meeting 10/03/2021
490	AIIMS/IEC/2021/1707	Guide: Dr. Charu Sharma Student: Dr. Shreya Das	Associate Professor	Obstetrics & Gynaecology	Soft markers in 2nd trimester sonography in low risk pregnant women and their association with aneuploidy & invasive prenatal testing	Dr. Kuldeep Singh Dr. Taruna Yadav Dr. Shashank Shekhar Dr. Pratibha Singh Dr. Garima Yadav Dr. Manisha Jhirwal	M.D. Dissertation	45th Online Meeting 10/03/2021
491	AIIMS/IEC/2021/1708	Guide: Dr. Pravin Kumar Student: Dr. Ankita Kapoor	Professor	Dentistry	Efficacy of cold atmospheric pressure (CAP) plasma jet for smear layer removal in intra-radicular dentin when compared with two other chelating agents used as a final rinse- an In-vitro scanning electron microscopic evaluation	Dr. Ram Prakash Dr. Kirti Chaudhary	M.D.S Dissertation	45th Online Meeting 10/03/2021
492	AIIMS/IEC/2021/1709	Guide: Dr. Manu Goyal Student: Dr. Neha Rathore	Associate Professor	Obstetrics & Gynaecology	Antepartum cerebroplacental ratio (CPR) in low risk pregnancy and its relationship with adverse perinatal outcome- A prospective cohort study	Dr. Pratibha Singh Dr. Shashank Shekhar Dr. Taruna Yadav	M.D. Dissertation	45th Online Meeting 10/03/2021

493	AIIMS/IEC/2021/1710	Guide: Dr. Shilpa Goyal Student: Dr. Navin Vincent	Additional Professor	Anaesthesiology and Critical Care	Comparison intraoperative temperature monitoring by ZHF device and nasopharyngeal techniques in pediatric patients: A prospective, observational study	Dr. Pradeep Bhatia Dr. Nikhil Kothari Dr. Ankur Sharma Dr. Arvind Sinha	M.D. Dissertation	45th Online Meeting 10/03/2021
494	AIIMS/IEC/2021/1711	Guide: Dr. Swati Chhabra Student: Dr. Atul V	Associate Professor	Anaesthesiology and Critical Care	Perioperative course of patients with pre-existing neurological disorder undergoing anaesthesia for non-neurological surgery: A prospective observational study	Dr. Sadik Mohammed Dr. Pradeep Bhatia Dr. Samhita Panda Dr. Bharat Paliwal	M.D. Dissertation	45th Online Meeting 10/03/2021
495	AIIMS/IEC/2021/1712	Guide: Dr. Prawin Kumar Student: Dr. Doreswamy C	Associate Professor	Paediatrics	Impact of Digital Media use on Pattern of Sleep habits in Children	Dr. Kuldeep Singh Dr. Jagdish Prasad Goyal	M.D. Dissertation	45th Online Meeting 10/03/2021
496	AIIMS/IEC/2021/1713	Guide: Dr. Himanshu Pandey Student: Dr. Shakti Swarup Sarangi	Associate Professor	Urology	Comparison of radial artery deviation and reimplantation technique vs classical technique in creation of arterio-venous fistula: A randomised control trial	Dr. Gautam Ram Choudhary Dr. Arvind Sinha Dr. Mahendra Singh Dr. Vijay Kumar Sarama Madduri Dr. Manish Chaturvedy Dr. Nitin Kumar Bajpai Dr. Alok Sharma	M.Ch. Dissertation	45th Online Meeting 10/03/2021
497	AIIMS/IEC/2021/1714	Guide: Dr. Kamlesh Kumari Student: Dr. Pavana Gokhale	Assistant Professor	Anaesthesiology and Critical Care	Effect of preoperative patient warming on blood loss and transfusion requirements during total hip arthroplasty: A randomised control trial	Dr. Pradeep Bhatia Dr. Abhay Elhence Dr. Sadik Mohammed Dr. Swati Mohammed Dr. Swati Chhabra Dr. Ankur Sharma	M.D. Dissertation	45th Online Meeting 10/03/2021
498	AIIMS/IEC/2021/1715	Guide: Dr. Garima Yadav Student: Dr. Pratibha	Associate Professor	Obstetrics & Gynaecology	Effect of intravenous tranexamic acid (TXA) in addition to active management of third stage of labour on postpartum blood loss in vaginal delivery: A double blinded, randomized controlled trial	Dr. Pratibha Singh Dr. Navdeep Kaur Ghuman Dr. Charu Sharma Dr. Priyanka Kathuria	M.D. Dissertation	45th Online Meeting 10/03/2021
499	AIIMS/IEC/2021/1716	Guide: Dr. Bharat Paliwal Student: Dr. Shreya Neogy	Associate Professor	Anaesthesiology and Critical Care	To evaluate the effect of clonidine as an adjuvant to 0.5% ropivacaine in ESP block for postoperative analgesia in breast surgeries: RCT	Dr. Manoj Kamal Dr. Pradeep Bhatia Dr. Sadik Mohammed Dr. Rakesh Kumar	M.D. Dissertation	45th Online Meeting 10/03/2021

500	AIIMS/IEC/2021/1717	Guide: Dr. Sarbesh Tiwari Student: Dr. Abbu	Assistant Professor	Diagnostic & Interventional Radiology	Non contrast computed tomography markers for predicting hematoma expansion in spontaneous intracerebral hemorrhage	Dr. Pushpinder S. Khera Dr. Taruna Yadav Dr. Suryanarayanan Bhaskar Dr. Samhita Panda Dr. Mayank Garg	M.D. Dissertation	45th Online Meeting 10/03/2021
501	AIIMS/IEC/2021/1718	Guide: Dr. Sadik Mohammed Student: Dr. Venkata Akhil Kasina	Associate Professor	Anaesthesiology and Critical Care	Predictors of outcome in critically ill patients with stroke: A prospective observational study	Dr. Pradeep Bhatia Dr. Samhita Panda Dr. Bharat Paliwal Dr. Rakesh Kumar	M.D. Dissertation	45th Online Meeting 10/03/2021
502	AIIMS/IEC/2021/1719	Guide: Dr. Rakesh Kumar Student: Dr. Reena Chakravarty	Associate Professor	Anaesthesiology and Critical Care	Comparison of effect of dexmedetomidine with ketofol and ketofol alone on quality of sedation in paediatric patient undergoing magnetic resonance imaging (MRI) : A prospective randomized controlled double blind trial.	Dr. Pradeep Bhatia Dr. Swati Chhabra Dr. Manoj Kamal Dr. Sadik Mohammed	M.D. Dissertation	45th Online Meeting 10/03/2021
503	AIIMS/IEC/2021/1720	Guide: Dr. Nitin Kumar Bajpai Student: Dr. Santosh Kumar V	Associate Professor	Nephrology	Study of the correlation of hepcidin in absolute and functional iron deficiency anemia in CKD patients	Dr. Manish Chaturvedy Dr. Mithu Banerjee Dr. Archana Bajpayee Dr. Abhishek Purohit Dr. Akhil Danesh Goel	D.M. Dissertation	45th Online Meeting 10/03/2021
504	AIIMS/IEC/2021/1722	Guide: Dr. Rajesh Kumar Student: Dr. Rakesh Pandey	Additional Professor	Nuclear Medicine	Comparison of low vs high dose 177Lu-EDTMP therapy for palliation of painful bone metastases: RCT	Dr. Arun Prashanth K Dr. Sameer Taywade	M.D. Dissertation	45th Online Meeting 10/03/2021
505	AIIMS/IEC/2021/1723	Guide: Dr. Ravindra Shukla Student: Dr. Shinjan Patra	Associate Professor	Endocrinology & Metabolism	Assessment of bone mineral density (BMD) by DEXA (Dual energy Xray-absorbiometry) in type 1 diabetes mellitus patients and Co-relation with glycemic and nnp-glycemic parameters: An observational study	Dr. M.K.Garg Dr. Madhukar Mittal Dr. Mithu Banerjee	D.M. Dissertation	45th Online Meeting 10/03/2021

506	AIIMS/IEC/2021/1724	Guide: Dr. Rahul Choudhary Student: Dr. Nikhil Chaudhary	Associate Professor	Trauma & Emergency (Cardiology)	Diagnostic accuracy of 2D strain imaging echocardiography for severity of coronary artery disease in non ST segment elevation acute coronary syndrome cross-sectional study	Dr. Surender Deora Dr. Atul Kaushik Dr. Kuldeep Singh	D.M. Dissertation	45th Online Meeting 10/03/2021
507	AIIMS/IEC/2021/1725	Guide: Dr. Surender Deora Student: Dr. Shubham Kumar Sharma	Associate Professor	Cardiology	Early detection of chemotherapy induced cardio toxicity in cancer patients by various non-invasive tools: A prospective observational study	Dr. Rahul Choudhary Dr. Atul Kaushik Dr. Puneet Pareek Dr. Kuldeep Singh Dr. Poonam Elhence	D.M. Dissertation	45th Online Meeting 10/03/2021
508	AIIMS/IEC/2021/1726	Guide: Dr. Priyanka Sethi Student: Dr. Muhammed Shahid Fasal	Associate Professor	Anaesthesiology and Critical Care	Effect of perioperative music on recovery profile in patients undergoing abdominal surgeries under general anaesthesia: A randomized control trial	Dr. Pradeep Kumar Bhatia Dr. Ankur Sharma Dr. Kamlesh Kumari Dr. Darshana Rathod	M.D. Dissertation	45th Online Meeting 10/03/2021
509	AIIMS/IEC/2021/1727	Guide: Dr. Shashank Shekhar Student: Dr. Madhwi Kumari	Professor	Obstetrics & Gynaecology	Diagnosis of gestational diabetes mellitus: Comparison of international association of diabetes and pregnancy study groups (IADPSG) with national institute for health and care excellence (NICE) criteria	Dr. Pratibha Singh Dr. Charu Sharma Dr. Manu Goyal Dr. Manisha Jhirwal Dr. Akhil Dhanesh Goel	M.D. Dissertation	45th Online Meeting 10/03/2021
510	AIIMS/IEC/2021/1728	Guide: Dr. Naveen Dutt Student: Dr. Rishabh Kochhar	Additional Professor	Pulmonary Medicine	Randomized control trial on efficacy of home based guided pulmonary rehabilitation program in interstitial lung disease patients	Dr. M.K.Garg Dr. Nishant Kumar Chauhan Dr. Ramniwas Dr. Ravi Gaur Dr. Mukesh Swami	D.M. Dissertation	45th Online Meeting 10/03/2021
511	AIIMS/IEC/2021/1729	Guide: Dr. Saptarshi Mandal Student: Dr. Jaydyuti Mandal	Associate Professor	Transfusion Medicine & Blood Bank	High mobility group box 1 (HMGB1) levels in stored platelet concentrates made by different methods and their relationship to quality control parameters and IL6, before and after irradiation	Dr. Poonam Elhence Dr. Pradeep Kumar Bhatia Dr. Mithu Banerjee Dr. Anubhav Gupta	M.D. Dissertation	45th Online Meeting 10/03/2021

512	AIIMS/IEC/2021/1730	Guide: Dr. Vijay Kumar Sarma Madduri Student: Dr. Amit Aggarwal	Assistant Professor	Urology	Programmed Death-Ligand 1(PD-L1) Expression in Genitourinary Malignancies and Correlation with Clinicopathologic Features	Dr. Gautam Ram Choudhary Dr. Himanshu Pandey Dr. Mahendra Singh Dr. Arvind Sinha Dr. Meenakshi Rao	M.Ch. Dissertation	45th Online Meeting 10/03/2021
513	AIIMS/IEC/2021/1731	Guide: Dr. M.K.Garg Student: Dr. Isha Stutee	Professor & Head	General Medicine	Association of various inflammatory markers and CT severity indices in clinical outcome and prognosis of acute pancreatitis	Dr. Naresh Midha Dr. Mithu Banergee Dr. Subhash Chandra Soni Dr. Pawan Garg	M.D. Dissertation	45th Online Meeting 10/03/2021
514	AIIMS/IEC/2021/1732	Guide: Dr. Mayank Badkur Student: Dr. Saurabh Singh	Assistant Professor	General Surgery	To evaluate the factors as per three delay model, affecting the outcome of patients admitted with injuries in Department of General Surgery at AIIMS Jodhpur	Dr. Ashok Kumar Purranik Dr. Naveen Sharma Dr. Pushpinder Khara	M.S. Dissertation	45th Online Meeting 10/03/2021
515	AIIMS/IEC/2021/1733	Guide: Dr. Samhita Panda Student: Dr. Pratik K Patel	Additional Professor	Neurology	Correlation of hemodynamic changes by transcranial doppler with functional outcome in acute primary ischemic stroke patients	Dr. Sarbesh Tiwari	D.M. Dissertation	45th Online Meeting 10/03/2021
516	AIIMS/IEC/2021/1734	Guide: Dr. M.K.Garg Student: Dr. Shilpi Goyal	Professor & Head	Medicine & Endocrinology	To study the prevalence of hyponatremia in acute cerebrovascular disease and its effect on functional outcome	Dr. Bharat Kumar Dr. Samhita Panda	M.D. Dissertation	45th Online Meeting 10/03/2021
517	AIIMS/IEC/2021/1735	Guide: Dr. Aasma Nalwa Student: Dr. Apurva Arora	Associate Professor	Pathology	Expression of fibroblast growth factor receptor 3 (FGFR3) and vascular endothelial growth factor (VEGF) in malignant tumors of the urothelial tract	Dr. Poonam Abhay Elhence Dr. Meenakshi Rao Dr. Gautam Ram Choudhary	M.D. Dissertation	45th Online Meeting 10/03/2021
518	AIIMS/IEC/2021/1736	Guide: Dr. Naveen K H Student: Dr. Bharat Vaishnav	Associate Professor	Community Medicine & Family Medicine	Evaluation of Routine Immunisation Services in a Community Development Block of Jodhpur: A mixed method study	Dr. Pankaj Bhardwaj Dr. Manoj Kumar Gupta Dr. Akhil Dhanesh Goel Dr. Prem Prakash Sharma	M.D. Dissertation	45th Online Meeting 10/03/2021
519	AIIMS/IEC/2021/1737	Guide: Dr. Neeti Rustagi Student: Dr. Bindiya C. Gowda	Additional Professor	Community Medicine & Family Medicine	Respectful Maternity Care and related determinants in Public Health Facilities of Jodhpur, Rajasthan: A mixed method approach	Dr. Prasanna Thirunavukkarasu Dr. Srikanth S.	M.D. Dissertation	45th Online Meeting 10/03/2021

520	AIIMS/IEC/2021/1738	Guide: Dr. Manoj Kumar Gupta Student: Dr. Sridevi G	Associate Professor	Community Medicine & Family Medicine	Water, Sanitation and infection control practices in rural health facilities of Jodhpur district: An intervention through supportive supervision	Dr. Pankaj Bhardwaj Dr. Srikanth S Dr. Akhil Dhanesh Goel Dr. Vidhi Jain	M.D. Dissertation	45th Online Meeting 10/03/2021
521	AIIMS/IEC/2021/1739	Guide: Dr. Pankaj Bhardwaj Student: Dr. Sandip Yadava	Additional Professor	Community Medicine & Family Medicine	Appraisal of isoniazid preventive therapy among pediatric contacts of microbiologically confirmed pulmonary tuberculosis cases in Jodhpur, Rajasthan: A mixed methods study	Dr. Srikanth S. Dr. Manoj Kumar Gupta Dr. Akhil Dhanesh Goel Dr. Suman Saurabh	M.D. Dissertation	45th Online Meeting 10/03/2021
522	AIIMS/IEC/2021/1740	Guide: Prof. Pankaja Raghav Student: Dr. Mukund Gupta	Professor & Head	Community Medicine & Family Medicine	Quality of life and health status of inhabitants in and around mines in relation to their socio-economic status and geographic location of mines- A mixed-methods approach	Dr. Suman Saurabh	M.D. Dissertation	45th Online Meeting 10/03/2021
523	AIIMS/IEC/2021/1741	Guide: Dr. Kavita R Bhatnagar Student: Dr. Krati Srivastava	Professor & Head	Ophthalmology	Effect of topical anti-glaucoma medications on ocular surface: a prospective cohort study	Dr. Pankaja Ravi Raghav Dr. Poonam Elhence Dr. Jyoti Shakrawal Varshney	M.D. Dissertation	45th Online Meeting 10/03/2021
524	AIIMS/IEC/2021/1742	Guide: Dr. Sudeep Kherra Student: Dr. Tanya Garg	Associate Professor	Pathology	Expression of SSTR-2 and HER/neu in meningiomas and its correlation with clinico-pathological parameters	Dr. Poonam Abhay Elhence Dr. Jyotsna Naresh Bharti Dr. Mayank Garg	M.D. Dissertation	45th Online Meeting 10/03/2021
525	AIIMS/IEC/2021/1743	Guide: Dr. Ramkaran Chaudhary Student: Dr. Deepak	Additional Professor	General Surgery	Efficacy of slow negative pleural suction in thoracic trauma patients undergoing tube thoracostomy- A randomised control trial	Dr. Ashok Puranik Dr. Naveen Sharma Dr. Mahaveer Singh Rodha Dr. Nishant Kumar Chauhan Dr. Manoj Kumar Gupta	M.S. Dissertation	45th Online Meeting 10/03/2021
526	AIIMS/IEC/2021/1744	Guide: Dr. Nikhil Kothari Student: Dr. Susri Mishra	Additional Professor	Anaesthesiology and Critical Care	Comparison of oxygen delivery devices in post operative patients with hypoxemia: An open labelled randomised controlled study	Dr. Pradeep Bhatia Dr. Shilpa Goyal Dr. Ankur Sharma Dr. Darshana Rathod Dr. Tanvi Meshram	M.D. Dissertation	45th Online Meeting 10/03/2021

527	AIIMS/IEC/2021/1745	Guide: Dr. Pratibha Gehlawat Student: Dr. Adharshna T K	Assistant Professor	Psychiatry	Assessment of emotional and behavioural problems in children and adolescents with type 1 diabetes mellitus: A comparative study	Dr. Kuldeep Singh Dr. Varuna Vyas Dr. Naresh Nebhinani	M.D. Dissertation	45th Online Meeting 10/03/2021
528	AIIMS/IEC/2021/1746	Guide: Dr. Nitesh Gahlot Student: Dr. Likhith Ram Naik	Associate Professor	Orthopaedics	Correlation between gross anatomical and radiological evaluation for attachments of medial and lateral ligaments of knee joint in cadavers of Indian origin	Dr. Abhay Elhence Dr. Dushyant Agrawal Dr. Akhil Dhanesh Goel	M.S. Dissertation	45th Online Meeting 10/03/2021
529	AIIMS/IEC/2021/1747	Guide: Dr. Jeewan Ram Vishnoi Student: Dr. Mohit	Associate Professor	Surgical Oncology	Submental island pedicled flap vs Radial forearm free flap for reconstruction of oral cavity (SIRFROC)- A randomized controlled trial	Dr. Sanjeev Misra Dr. D Jayakumar Dr. Prakash Kala Dr. Pawan Kumar Dixit Dr. Puneet Pareek Dr. Rakesh Kumar Vyas	M.Ch. Dissertation	45th Online Meeting 10/03/2021
530	AIIMS/IEC/2021/1748	Guide: Dr. Ravi Gaur Student: Dr. Abin T K	Associate Professor	Physical Medicine and Rehabilitation	Effectiveness of home based pulmonary rehabilitation on exercise tolerance in COPD patients	Dr. Nitesh Manohar Gonnade Dr. Naveen Dutt Dr. Deepak Kumar	M.D. Dissertation	45th Online Meeting 10/03/2021
531	AIIMS/IEC/2021/1749	Guide: Dr. Ankita Chugh Student: Dr. Astha Jani	Additional Professor	Dentistry	Efficacy of enhanced recovery after surgery (ERAS) protocol in maxillofacial trauma: A randomized controlled trial	Dr. Kirti Chaudhry Dutt Dr. Pradeep Kumar Bhatia Dr. Pravin Kumar	M.D.S. Dissertation	45th Online Meeting 10/03/2021
532	AIIMS/IEC/2021/1750	Guide: Dr. Ashok Kumar Puranik Student: Dr. Piyush Sharma	Professor & Head	General Surgery	Clinical profile and outcome of cases with necrotising soft tissue infection: A prospective observational study	Dr. Poonam Elhence Dr. Ashwini Agarwal Dr. Pawan Kumar Garg	M.S. Dissertation	45th Online Meeting 10/03/2021
533	AIIMS/IEC/2021/1759	Guide: Dr. Kavita R Bhatnagar Student: Dr. Falguni Roy	Professor & Head	Ophthalmology	A study of prevalence and risk factors of amblyopia in school going children belonging to 3-12 years age group	Dr. Kuldeep Singh Dr. Pankaja Ravi Raghav Dr. Pankaj Bhardwaj	M.D. Dissertation	45th Online Meeting 10/03/2021

534	AIIMS/IEC/2021/1751	Guide: Dr. Mahendra Lodha Student: Dr. M.V.R. Abhishek	Associate Professor	General Surgery	Association between opium use disorder and postoperative complications in patients undergoing surgery in general surgery department of a tertiary care centre: A prospective cohort study	Dr. Ashok Puranik Dr. Navratan Suthar	M.S. Dissertation	45th Online Meeting 10/03/2021
535	AIIMS/IEC/2021/1752	Guide: Dr. Daisy Khara Student: Dr. Anil Kumar JS	Additional Professor	Pediatrics	Assessment of renal angina index and cystatin C as predictive markers of severe acute kidney injury in children with septic shock: A prospective observational study	Dr. Kuldeep Singh Dr. Mithu Banerjee Dr. Aliza Mittal Dr. Bharat Choudhary Dr. Siyaram Didel	M.D. Dissertation	45th Online Meeting 10/03/2021
536	AIIMS/IEC/2021/1753	Guide: Dr. Mahendra Kumar Garg Student: Dr. Pankaj Sukhadiya	Professor & Head	General Medicine	Risk factor profile and outcome assessment of patient presenting with meningitis: A prospective observational study	Dr. Gopal Krishna Bohra Dr. Maya Gopalakrishnan Dr. Ashwini Agarwal Dr. Kamla Kant Shukla	M.D. Dissertation	45th Online Meeting 10/03/2021
537	AIIMS/IEC/2021/1754	Guide: Dr. Kirti Chaudhry Student: Dr. Tanya Batra	Additional Professor	Dentistry	A randomized controlled trial on the role of intraoperative controlled hypotension in maxillofacial trauma patients	Dr. Ankita Chugh Dr. Pradeep Kumar Bhatia Dr. Pravin Kumar	M.D.S. Dissertation	45th Online Meeting 10/03/2021
538	AIIMS/IEC/2021/1755	Guide: Dr. Jeewan Ram Vishnoi Student: Dr. Alkesh Gulhane	Associate Professor	Surgical Oncology	Role of routine level III axillary lymph node dissection in breast cancer following neoadjuvant chemotherapy	Dr. Sanjeev Misra Dr. D Jayakumar Dr. Puneet Pareek Dr. Rakesh Kumar Vyas Dr. Poonam Elhence	M.Ch. Dissertation	45th Online Meeting 10/03/2021
539	AIIMS/IEC/2021/1756	Guide: Dr. Meenakshi Rao Student: Dr. Dibyanshu Shekhar Swain	Associate Professor	Pathology	Expression of androgen receptor and ETS related gene (ERG) in prostatic adenocarcinomas	Dr. Poonam Abhay Elhence Dr. Jyotsna Naresh Bharti Dr. Gautam Ram Choudhary	M.D. Dissertation	45th Online Meeting 10/03/2021

540	AIIMS/IEC/2021/1757	Guide: Dr. Pawan Kumar Garg Student: Dr. Satish Kumar	Associate Professor	Diagnostic & Interventional Radiology	Role of dual energy CT in the detection of pulmonary embolism	Dr. Pushpinder S Khara DR. Rengarajan Rajagopal Dr. Nishant Kumar Chauhan Dr. Surender Deora Dr. Gopal K Bohra Dr. Sadik Mohammed	M.D. Dissertation	45th Online Meeting 10/03/2021
541	AIIMS/IEC/2021/1758	Guide: Dr. Ankur Sharma Student: Dr. Akhil V George	Assistant Professor	Trauma & Emergency (Anaesthesiology)	Clinico-epidemiological profile and outcome of patients with acute poisoning patients presenting to emergency of a tertiary care centre in Western Rajasthan	Dr. Ashok Puranik Dr. Mahaveer Rodha Dr. Gopal Krishna Bohra Dr. Bharat Chaudhary	M.D. Dissertation	45th Online Meeting 10/03/2021
542	AIIMS/IEC/2021/1760	Guide: Dr. M.K.Garg Student: Dr. Pranav S Kumar	Professor	General Medicine	Endocrine profile and outcomes in patients with rheumatoid arthritis	Dr. Maya Gopalakrishnan Dr. Kamla Kant Shukla	M.D. Dissertation	45th Online Meeting 10/03/2021
543	AIIMS/IEC/2021/1761	Guide: Dr. Varuna Vyas Student: Dr. U K Kandha Kumar	Associate Professor	Paediatrics	Study of anthropometric profile, growth and puberty in children with diabetes mellitus	Dr. Kuldeep Singh Dr. Siyaram Didel Dr. Pratibha Singh	M.D. Dissertation	45th Online Meeting 10/03/2021
544	AIIMS/IEC/2021/1762	Guide: Dr. Kapil Soni Student: Dr. Swathi Krishna M	Associate Professor	ENT	Comparison of preoperative and postoperative nasal airflow in patients undergoing functional septorhinoplasty	Dr. Amit Goyal Dr. Bikram Choudhury	M.S. Dissertation	45th Online Meeting 10/03/2021
545	AIIMS/IEC/2021/1763	Guide: Dr. Kapil Soni Student: Dr. Jibin C J	Associate Professor	ENT	Predictors of post operative hypocalcemia in patients undergoing thyroidectomy	Dr. Amit Goyal Dr. Bikram Choudhury Dr. Mithu Banerjee Dr. Ravindra Shukla	M.S. Dissertation	45th Online Meeting 10/03/2021
546	AIIMS/IEC/2021/1764	Guide: Dr. Bikram Choudhury Student: Dr. Hage Duniya	Additional Professor	ENT	A comparison between three surgical modalities in the control of drooling in children and adolescents	Dr. Bharat Choudhury Dr. Amit Goyal Dr. Kapil Soni	M.S. Dissertation	45th Online Meeting 10/03/2021
547	AIIMS/IEC/2021/1765	Guide: Dr. Amit Goyal Student: Dr. Ankita Sharma	Additional Professor	ENT	Comparison of antero-inferior cochleostomy and round window approach of electrode insertion via veria technique	Dr. Bikram Choudhury Dr. Kapil Soni	M.S. Dissertation	45th Online Meeting 10/03/2021

548	AIIMS/IEC/2021/1766	Guide: Dr. M.K.Garg Student: Dr. Naja K	Professor & Head	General Medicine	Evaluation of the longterm effects of COVID-19 on pulmonary function in recovered patients	Dr. Deepak Kumar Dr. Naveen Dutt	M.D. Dissertation	45th Online Meeting 10/03/2021
549	AIIMS/IEC/2021/1767	Guide: Dr. Deepak Kumar Jha Student: Dr. Vishnu Gupta	Professor & Head	Neurosurgery	Study of microsurgical anatomy of middle cerebral artery in human cadaveric brain	Dr. Surajit Ghatak Dr. Shilpi Gupta Dixit Dr. Ashish Kumar Nayyar Dr. Jaskaran Singh Gosal	M.Ch. Dissertation	45th Online Meeting 10/03/2021
550	AIIMS/IEC/2021/1768	Guide: Dr. Nilesh Barwar Student: Dr. Vimal Prakash	Associate Professor	Orthopaedics	Association of socioeconomic status with incidence and severity of musculoskeletal trauma	Dr. Abhay Elhence Dr. Mahaveer Rodha	M.S. Dissertation	45th Online Meeting 10/03/2021
551	AIIMS/IEC/2021/1769	Guide: Dr. M.K.Garg Student: Dr. Ramanan d S	Professor & Head	General Medicine	Effect of rheumatoid arthritis on bone mineral density and it's correlation with inflammatory milieu in rheumatoid arthritis patients	Dr. Maya Gopalakrishnan Dr. Satyendra Khichar Dr. Ravindra Kumar Dr. Kamla Kant Shukla	M.D. Dissertation	45th Online Meeting 10/03/2021
552	AIIMS/IEC/2021/1770	Guide: Dr. Abhay Elhence Student: Dr. Akshant Chandel	Professor & Head	Orthopaedics	Safe surgical corridor for the infra-acetabular screw placement-anthropometric CT based study	Dr. Pushpinder Khera Dr. Sumit Banerjee Dr. Nitesh Gahlot Dr. Nilesh Barwar	M.S. Dissertation	45th Online Meeting 10/03/2021
553	AIIMS/IEC/2021/1771	Guide: Dr. Kirtikumar J Rathod Student: Dr. T.K.Jaya kumar	Associate Professor	Paediatric Surgery	Application of fluorescence guided surgery in pediatric hepatobiliary surgery	Dr. Arvind Sinha Dr. Manish Pathak Dr. Rahul Saxena Dr. Avinash Jadhav	M.Ch. Dissertation	45th Online Meeting 10/03/2021
554	AIIMS/IEC/2021/1772	Guide: Dr. Rahul Saxena Student: Dr. Tripti Agrawal	Associate Professor	Paediatric Surgery	Relationship between preoperative nutritional status and postoperative complications categorized according to the clavin dindo classification in pediatric surgical patients	Dr. Arvind Sinha Dr. Manish Pathak Dr. Kirtikumar Rathod Dr. Avinash Jadhav Dr. Akhil Goel	M.Ch. Dissertation	45th Online Meeting 10/03/2021

555	AIIMS/IEC/2021/1773	Guide: Dr. Puneet Pareek Student: Dr. Atul Kumar Gupta	Additional Professor	Radiation Oncology	Prognostic factors in head and neck cancer patients treated with radiotherapy: A retrospective analysis	Dr. Poonam Elhence Dr. Jeewan Ram Vishnoi	D.M. Dissertation	45th Online Meeting 10/03/2021
556	AIIMS/IEC/2021/174	Guide: Dr. Jyotsna Naresh Bharti Student: Dr. Deepsikha Bhaja	Associate Professor	Pathology	Expression of PDL1, CD8, P16 and HPV in penile carcinomas and their correlation with clinicopathological parameters	Dr. Poonam Abhay Elhence Dr. Meenakshi Rao Dr. Deepak Vedant Dr. Gautam R Choudhary Dr. Mahendra Singh	M.D. Dissertation	45th Online Meeting 10/03/2021
557	AIIMS/IEC/2021/1782	Guide: Dr. Poonam Abhay Elhence Student: Dr. Sangeeta Pradhan	Professor & Head	Pathology	Expression of immunohistochemical marker INSM1 and its comparison with traditional markers in neuroendocrine tumours along with comparison of PHH3 and Ki67 labelling index	Dr. Deepak Vedant Dr. Vikarn Vishwajeet	M.D. Dissertation	45th Online Meeting 10/03/2021
558	AIIMS/IEC/2021/1783	Guide: Dr. Shival Srivastav Student: Dr. Mamta Shobhawat	Additional Professor	Physiology	Evaluation of cardiovascular responses to short term head down tilt in healthy subjects and diabetic patients	Dr. Om Lata Bhagat Dr. Ravindra Kumar Shukla	M.D. Dissertation	45th Online Meeting 10/03/2021
559	AIIMS/IEC/2021/1785	Guide: Dr. Navratan Suthar Student: Dr. Dinesh Kumar	Assistant Professor	Psychiatry	Assessment of sexual dysfunction and its associations among male patients dependent on natural opium seeking treatment from a tertiary care centre	Dr. Mukesh Kumar Swami Dr. Naresh Nebhinani Dr. Prasenjit Mitra	M.D. Dissertation	45th Online Meeting 10/03/2021
560	AIIMS/IEC/2021/1786	Guide: Dr. Naresh Nebhinani Student: Dr. Dhanashri Surendra Gohad	Additional Professor	Psychiatry	Role of protective factors against suicidal behaviour among patients with depression: A cross sectional study	Dr. Tanu Gupta Dr. Mukesh Kumar Swami	M.D. Dissertation	45th Online Meeting 10/03/2021

561	AIIMS/IEC/2021/1787	Guide: Dr. Anupama Bains Student: Dr. Thoyyib Paramma I Karat	Assistant Professor	Dermatology, Venereology and Leprology	Comparative study of efficacy of intralesional triamcinolone acetonide with topical calcipotriol versus intralesional triamcinolone acetonide alone in the treatment of alopecia areata: Randomised single blinded clinical trial	Dr. Abhishek Bhardwaj Dr. Saurabh Singh Dr. Anil Budania Dr. Suman Patra	M.D. Dissertation	45th Online Meeting 10/03/2021
562	AIIMS/IEC/2021/1788	Guide: Dr. Jagdish Prasad Goyal Student: Dr. Kkomal C Suvarna	Additional Professor	Pediatrics	Comparison of telemedicine versus In-person visit for control of asthma in children aged 7-17 years: A Randomised control trial	Dr. Kuldeep Singh Dr. Prawin Kumar	M.D. Dissertation	45th Online Meeting 10/03/2021
563	AIIMS/IEC/2021/1789	Guide: Dr. Rajesh Kumar Student: Dr. Ravichandran T	Additional Professor	Nuclear Medicine	Comparative study of Tc-99m GHA SPECT-CT, F-18-FDG PET-CT and MRI in imaging of primary brain tumors	Dr. Sameer K Taywade Dr. Arun Prashanth K Dr. Poonam Elhence Dr. Mayank Garg Dr. Sarbesh Tiwari	M.D. Dissertation	45th Online Meeting 10/03/2021
564	AIIMS/IEC/2021/1790	Guide: Dr. Pushpinder Singh Khara Student: Dr. Ankit Singh	Additional Professor	Diagnostic & Interventional Radiology	Comparison of platelet rich plasma versus prolotherapy in the management of rotator cuff tendinosis	Dr. Pawan Kumar Garg Dr. Nitesh Gehlot Dr. Nitesh Manohar Gonnade Dr. Taruna Yadav Dr. Surjit Singh Dr. Saptarshi Mandal	M.D. Dissertation	45th Online Meeting 10/03/2021
565	AIIMS/IEC/2021/1791	Guide: Dr. Taruna Yadav Student: Dr. Lunavath Veeranna	Associate Professor	Diagnostic & Interventional Radiology	Role of Whole-Body MRI in lymphoma staging: A Comparison with composite reference standard including 18F-FDG-PET/CT	Dr. Pushpinder Singh Khara Dr. Rajesh Kumar Dr. Puneet Pareek Dr. Siyaram Didel Dr. Binit Sureka Dr. Arun Prashanth Dr. Poonam Elhence	M.D. Dissertation	45th Online Meeting 10/03/2021
566	AIIMS/IEC/2021/1792	Guide: Dr. Puneet Pareek Student: Dr. Rishi P Nair	Additional Professor	Radiation Oncology	To study of survival outcomes, prognostic and treatment related factors in patients of breast cancer treated with post-operative radiation therapy	Dr. Jeewan Ram Vishnoi Dr. Surendra Deora Dr. Poonam Elhence	D.M. Dissertation	45th Online Meeting 10/03/2021

567	AIIMS/IEC/2021/1793	Guide: Dr. Surya- narayana n Bhaskar Student: Dr. Totala Pankaj Rajendra kumar	Additi onal Profe ssor	Neurosurgery	Role of telemedicine for follow up after spine surgery	Dr. Tanuj Kanchan Dr. Vikas P Meshram Dr. Jaskaran Singh Gosal	M.Ch. Dissertation	45th Online Meeting 10/03/2021
568	AIIMS/IEC/2021/1794	Guide: Dr. Satya Prakash Meena Student: Dr. Sumit Bishnoi	Assist ant Profe ssor	General Surgery	Quilting suture vs conventional closure in prevention of seroma formation after modified radical mastectomy for breast cancer: A randomised controlled trial	Dr. Jeewan Ram Vishnoi Dr. Ashok Puranik Dr. Naveen Sharma	M.S. Dissertation	45th Online Meeting 10/03/2021
569	AIIMS/IEC/2021/ 1795	Guide: Dr. Kuldeep Singh Student: Dr. Sanja na	Profe ssor & Head	Pediatrics	Impact of simulation- based intervention on domestic care of seizures in children by primary caregivers: A randomized control study	Dr. Bharat Choudhary Dr. Manoj Kumar Gupta	M.D. Dissertation	45th Online Meeting 10/03/2021
570	AIIMS/IEC/2021/ 1796	Guide: Dr. Archana Bajpayee Student: Dr. Bodanap u Vinay	Additi onal Profe ssor	Transfusion Medicine & Blood Bank	Assessment of the effect of donor characteristics on clinical outcomes in neonatal transfusion recipients	Dr. Neeraj Gupta Dr. Arvind Sinha Dr. Poonam Elhence Dr. Anubhav Gupta Dr. Suresh Kumar Sharma	M.D. Dissertation	45th Online Meeting 10/03/2021
571	AIIMS/IEC/2021/17 97	Guide: Dr. Nitesh Manohar Gonnade Student: Dr. Chinchu K	Assoc iate Profe ssor	Physical Medicine and Rehabilitation	Accuracy of Genicular nerve block by ultrasound guided versus landmark guided techniques - A Cadaveric study	Dr. Ravi Gaur Dr. Ashish Kumar Nayyar Dr. Pawan Kumar Garg	M.D. Dissertation	45th Online Meeting 10/03/2021
572	AIIMS/IEC/2021/1799	Guide: Dr. Mayank Garg Student: Dr. Vikrant Sharma	Assoc iate Profe ssor	Neurosurgery	Pre-operative differentiation of high grade glioma from solitary metastases of brain by clinical, radiological and haematological parameters: an observational study	Dr. Poonam Elhence Dr. Abhishek Purohit Dr. Sarbesh Tiwari Dr. Jaskaran Singh Gosal	M.Ch. Dissertation	45th Online Meeting 10/03/2021

573	AIIMS/IEC/2021/1800	Guide: Dr. Samhita Panda Student: Dr. Deepika Saroha	Additional Professor	Neurology	Cardiac abnormalities in refractory status epilepticus	Dr. Surender Deora Dr. Sadik Mohammed	D.M. Dissertation	45th Online Meeting 10/03/2021
574	AIIMS/IEC/2021/1801	Guide: Dr. Sumit Banerjee Student: Dr. Sushil Kumar	Additional Professor	Orthopaedics	Tug and ilas scores as early predictors for long term functional outcome in patients undergoing hip and knee arthroplasty	Dr. Abhay Elhence	M.S. Dissertation	45th Online Meeting 10/03/2021
575	AIIMS/IEC/2021/1802	Guide: Dr. Avinash Jadhav Student: Dr. Tanmay Motiwala	Associate Professor	Pediatrics Surgery	Comparison of impact of online video and conventional consent on parental anxiety, satisfaction and comprehension of informed consent in pediatric surgical procedures	Dr. Arvind Sinha Dr. Manish Pathak Dr. Kirtikumar Rathod Dr. Rahul Saxena	M.Ch. Dissertation	45th Online Meeting 10/03/2021
576	AIIMS/IEC/2021/1803	Guide: Dr. Arvind Sinha Student: Dr. Shrilakshmi	Professor & Head	Pediatrics Surgery	Correlation of height to width ration of bladder in cystogram with bladder pressure in children operated for neural tube defect	Dr. Manish Pathak Dr. S. Bhaskar Dr. Kirtikumar Rathod Dr. Rahul Saxena Dr. Avinash Jadhav	M.Ch. Dissertation	45th Online Meeting 10/03/2021
577	AIIMS/IEC/2021/1721	Guide: Dr. Pradeep Bhatia Student: Dr. Chitra Prabha Saun	Professor & Head	Anaesthesiology and Critical Care	The effect of two different intraoperative inspired oxygen concentration on postoperative pulmonary atelectasis in Geriatric patients undergoing elective surgery under general anesthesia: a randomized-controlled trial	Dr. Pushpinder S Khera Dr. Kamlesh Kumari Dr. Sadik Mohammed	M.D. Dissertation	45th Online Meeting 10/03/2021
578	AIIMS/IEC/2021/1798	Guide: Dr. Pratibha Singh Student: Dr. Matte Siba	Professor & Head	Obstetrics & Gynaecology	Comparison of the effects of lidocaine-prilocaine cream and lidocaine injection for pain relief during perineal repair following vaginal delivery: A randomized clinical trial	Dr. Shashank Shekhar Dr. Charu Sharma Dr. Garima Yadav Dr. Priyanka Kathuria	M.D. Dissertation	45th Online Meeting 10/03/2021
579	AIIMS/IEC/2021/1814	Dr. Kalika Dubey	Senior Resident	Obstetrics & Gynecology	LV dysfunction in PCOS patients	Dr. Priyanka Kathuria Dr. Atul Kaushik Dr. Pratibha Singh Dr. Garima Yadav	Non-Funded	Online Meeting 10/03/2021
580	AIIMS/IEC/2021/1813	Dr. Daisy Kherra	Additional Professor	Pediatrics	Fluid therapy in children with septic shock: Determining optimal volume of fluid boluses	Dr. Bharat Choudhary Dr. Siyaram Didel Dr. Kuldeep Singh	Non-Funded	Online Meeting 10/03/2021

581	AIIMS/IEC/2021/1816	Dr. Nitesh M. Gonnade	Associate Professor	Physical Medicine and Rehabilitation	Role of comprehensive rehabilitation in reduction of functional disability in cases with post COVID-19 syndrome	Dr. Tripti Swami Mr. Rambeer Dr. Sharad Kumar Kedia Dr. Satyasheel Singh Asthana	Non-Funded	45th Online Meeting 10/03/2021
582	AIIMS/IEC/2021/1815	Dr. Nitesh M. Gonnade	Associate Professor	Physical Medicine and Rehabilitation	Musculoskeletal complaints in post COVID-19 cases and their impact on work productivity	Dr. Tripti Swami Mr. Rambeer Dr. Sharad Kumar Kedia Dr. Satyasheel Singh Asthana	Non-Funded	Online Meeting 10/03/2021
583	AIIMS/IEC/2021/1651	Dr. Pushpinder Khara	Additional Professor	Diagnostic & Interventional Radiology	"Safety and Efficacy of Transarterial Chemoembolization with Lipiodol® in the treatment of inoperable Hepatocellular Carcinoma (HCC) in Indian Patients, Phase IV Clinical Trial	Dr. Pawan Garg Dr. Sanjeev Misra Dr. Puneet Pareek	Drug Trial	45th Online Meeting 10/03/2021
584	AIIMS/IEC/2021/1817	Dr. Maya Gopalakrishnan	Assistant Professor	Medicine	Exploring empathy, advocacy, and neglect in the context of neglected tropical diseases: A mixed methods study from India	Dr. Satyendra Khichar Dr. Suman Saurabh Dr. M.K.Garg Dr. Kuldeep Singh Dr. Archana R	Extramural	45th Online Meeting 10/03/2021
585	AIIMS/IEC/2021/1818	Dr. Sanjeev Misra	Professor & Director & CEO	Surgical Oncology	International Snapshot Study on the Outcomes of Pancreatic Surgery-PancreasGroup.org	Dr. Jeewan Ram Vishnoi Dr. Vaibhav Kumar Varshney Dr. Subhash Chandra Soni Dr. Dharma Ram Poonia Dr. Nivedita Sharma Dr. Selvakumar B	Non-Funded	45th Online Meeting 10/03/2021
586	AIIMS/IEC/2021/1819	Dr. Shivani Gupta	Senior Resident	Obstetrics and Gynecology	Utility of spot urinary protein/creatinine ratio in the prediction of preeclampsia and its complications	Dr. Pratibha Singh Dr. Navdeep Kaur Ghuman Dr. Garima Yadav Dr. Priyanka Kathuria	Non-Funded	Online Meeting 24/03/2021
587	AIIMS/IEC/2021/1820	Dr. Pooja Ojha	Assistant Professor	Physiology	Effect of 'KriyaYoga' on brain oscillations and perceived stress in health care providers, during COVID-19 Pandemic: A Pilot study	Dr. Naresh Nebhinani Dr. Ambika Chandani	Extramural	45th Online Meeting 24/03/2021
588	AIIMS/IEC/2021/1821	Dr. Priyanka Kathuria	Assistant Professor	Obstetrics and Gynecology	Level of complacency on both ends in a telemedicine clinic	Dr. Kalika Dubey Dr. Garima Yadav Dr. Pratibha Singh Dr. Manisha Jhirwal Dr. Navdeep Ghuman	Non-Funded	Online Meeting 24/03/2021
589	AIIMS/IEC/2021/1822	Prof. Suresh K Sharma	Professor & Principal	College of Nursing	Efficacy of a test messaging service for patients with type 2 diabetes to support basal insulin titration	Dr. Madhukar Mittal Mr. Nipin Kalal	Extramural	Online Meeting 24/03/2021

590	AIIMS/IEC/2021/1823	Dr. Suman Saurabh	Assistant Professor	CMFM	Awareness and attitudes regarding extra-curricular research among undergraduate medical students in India	Dr. Pankaj Bhardwaj	Non-Funded	45th Online Meeting 24/03/2021
591	AIIMS/IEC/2021/1812	Dr. Madukar Mittal	Additional Professor	Endocrinology	A Randomized, Double-blind, Parallel Arm, Dose Optimization Study to Assess Efficacy and Safety of Hydroxychloroquine in Type 2 Diabetes Patients Uncontrolled on Metformin and Sulfonylurea Combination	--	Clinical Trial	45th Online Meeting 24/03/2021
592	AIIMS/IEC/2021/1825	Dr. Naveen Sharma	Professor	General Surgery	Factors Leading to Cancellation of Elective Surgery at AIIMS Jodhpur: A Quality Improvement Study	Dr. Suryanarayanan Bhaskar Dr. Nikhil Kothari Dr. Mahaveer Singh Rodha Dr. Ashok Bishnoi Mr. Natwar Patidar	Non-Funded	45th Online Meeting 24/03/2021

Examination Cell

The Examination Cell of AIIMS, Jodhpur was established in 2013. The following were the office bearers in year 2020-2021:-

1.	Dr. Praveen Sharma	- Controller of Examinations	till 31 st July, 2020
2.	Dr. Abhinav Dixit	- Controller of Examinations Vice Dean	from 01 st August, 2020 till 31 st July, 2020
3.	Dr. Tanuj Kanchan	- Vice Dean	from 06 th August, 2020
4.	Dr. Shashank Shekhar	- Sub Dean	till 31 st July, 2020
5.	Dr. Gopal Krishan Bohra	- Sub Dean	from 06 th August, 2020
6.	Dr. Puneet Pareek	- Sub Dean	till 31 st July, 2020
7.	Dr. Dushyant Agrawal	- Sub Dean Assistant Dean	from 06 th August, 2020 till 05 th August, 2020
8.	Dr. Nishant Chauhan	- Assistant Dean	till 31 st July, 2020
9.	Dr. Ashok Kumar	- Dean	till 31 st July, 2020
10.	Dr. Mukesh Chandra Sharma	- Dean	from 06 th August, 2020
11.	Dr. Ravishekhar Gadepalli	- Dean	Till date
12.	Dr. Shrimanjanath	- Dean	Till date

List of examinations conducted successfully:

1. Professional/ Yearly Examinations

M.B.B.S. Professional Examinations		
1.	1 st Professional M.B.B.S. Examination (Batch - 2019)	August 2020
2.	1 st Professional M.B.B.S. Supplementary Examination (Batch - 2019)	Oct.-Nov. 2020
3.	3 rd Professional M.B.B.S. Examination (Batch - 2016)	Nov. –Dec. 2020
4.	2 nd Professional M.B.B.S. Examination (Batch - 2018)	December 2020
5.	3 rd Professional M.B.B.S. Supplementary Examination (Batch - 2016)	Jan.-Feb. 2021
6.	2 nd Professional M.B.B.S. Supplementary Examination (Batch - 2018)	Feb.- March 2021

B. Sc. (Hons.) & MS. Nursing yearly Examinations		
1.	B. Sc. (Hons.) Nursing 1 st Year Supplementary Examinations (Batch-2016)	July 2020
2.	B. Sc. (Hons.) Nursing 4 th Year Examinations (Batch-2016)	July 2020
3.	M. Sc. Nursing 1 st Year Examinations (Batch-2019)	July 2020
4.	M. Sc. Nursing 2 nd Year Examinations (Batch-2018)	July 2020
5.	M. Sc. Nursing 1 st Year Supplementary Examinations (Batch-2019)	September 2020
6.	B. Sc. (Hons.) Nursing 3 rd Year Examinations (Batch-2017)	Oct.-Nov. 2020
7.	B. Sc. (Hons.) Nursing 1 st Year Examinations (Batch-2019)	December 2020
8.	B. Sc. (Hons.) Nursing 2 nd Year Examinations (Batch-2018)	December 2020
9.	B. Sc. (Hons.) Nursing 3 rd Year Supplementary Examinations (Batch-2017)	February 2021
10.	B. Sc. (Hons.) Nursing 2 nd Year Supplementary Examinations (Batch-2018)	February 2021
11.	B. Sc. (Hons.) Nursing 1 st Year Supplementary Examinations (Batch-2019)	February 2021

Semester Examinations

M.B.B.S. Semester Examinations		
1.	2 nd Semester M.B.B.S. Examination (Batch-2019)	August 2020
2.	8 th Semester M.B.B.S. Examination (Batch-2016)	September 2020
3.	4 th Semester M.B.B.S. Examination (Batch-2018)	October 2020
4.	9 th Semester M.B.B.S. Examination (Batch-2016)	October 2020
5.	9 th Semester M.B.B.S. Special Examination (Batch-2016)	November 2020
6.	5 th Semester M.B.B.S. Examination (Batch-2018)	November 2020
7.	5 th Semester M.B.B.S. (Special) Examination (Batch-2018)	November 2020
8.	8 th Semester M.B.B.S. (Special) Examination (Batch-2016)	November 2020
9.	6 th Semester M.B.B.S. Examination (Batch-2017)	January 2021
10.	3 rd Semester M.B.B.S. Examination (Batch - 2019)	January 2021
11.	1 st Semester M.B.B.S. Examination (Batch - 2020)	March 2021

B. Sc. (Hons.) Nursing Semester Examinations		
1.	B. Sc. (Hons.) Nursing 8 th Semester Examination (Batch-2016)	May 2020
2.	B. Sc. (Hons.) Nursing 6 th Semester Examination (Batch-2017)	October 2020
3.	B. Sc. (Hons.) Nursing 2 th Semester Examination (Batch-2019)	December 2020
4.	B. Sc. (Hons.) Nursing 4 th Semester Examination (Batch-2018)	December 2020
5.	B. Sc. (Hons.) Nursing 5 th Semester Examination (Batch-2018)	March 2021
6.	B. Sc. (Hons.) Nursing 1 st Semester Examination (Batch-2020)	March 2021
7.	B. Sc. (Hons.) Nursing 7 th Semester Examination (Batch-2017)	March 2021
8.	B. Sc. (Hons.) Nursing 3 rd Semester Examination (Batch-2019)	March 2021

Post Graduate Exit Examinations		
1.	MD/MS/MDS Examinations (Batch January - 2018)	December 2020
2.	PDF Exit Examination (Paediatrics)	August 2020
3.	MD/MS/DM Examination (July-2017)	June 2020
4.	M. Sc. (M.B.B.S.) Examination (July-2018)	June 2020
5.	PDF Exit Examination (Various Department)	July 2020
6.	PDCC Exit Examination (Various Department)	July 2020
7.	Post-Doctoral Fellowship (Radiology) Examinations	March, 2021

3. Recruitment / Entrance / Computer Based Test (CBT) Examinations

1.	Senior Resident (Dental) written exam	September 2020
2.	Senior Resident (PDCC) written Exam	September 2020
3.	Senior Resident (PDF) written Exam	September 2020
4.	Entrance Test of Admission for MPH Course	December 2020
5.	MPH Exit Examination	December 2020
6.	Senior Resident (Various Departments) written Exam	March 2021
7.	Junior Engineer (Civil)	March 2021
8.	Assistant Engineer (Civil)	March 2021
9.	Electrocardiograph Technical Assistant	March 2021
10.	Law Officer	March 2021
11.	Junior Engineer (Electrical)	March 2021
12.	Yoga Instructor	March 2021
13.	Public Relation Officer	March 2021
14.	Maternity and child welfare officer	March 2021

Departments

Department of Anaesthesiology and Critical Care

S.No.	Name	Designation
1	Dr. Pradeep Bhatia	Professor & Head
2	Dr. Manoj Kamal	Additional Professor
3	Dr. Nikhil Kothari	Additional Professor
4	Dr. Shilpa Goyal	Additional Professor
5	Dr. Sadik Mohammed	Associate Professor
6	Dr. Bharat Paliwal	Associate Professor
7	Dr. Swati Chhabra	Associate Professor
8	Dr. Rakesh Kumar	Associate Professor
9	Dr. Priyanka Sethi	Associate Professor
10	Dr. Kamlesh Kumari	Assistant Professor
11	Dr. Darshana Rathod	Assistant Professor
12	Dr. Tanvi Meshram	Assistant Professor
13	Dr. Ankur Sharma	Associate Professor (Trauma & Emergency)

About the Department

The Department of Anaesthesiology and Critical Care at AIIMS Jodhpur is providing services for anaesthesia including Pediatric anaesthesia, Neuroanaesthesia, Cardiac anaesthesia, Critical care, Acute and chronic pain management along with palliative care.

With the inauguration of new modular OTs, we have six operation theatres complexes with Post Anaesthesia Care Units (PACU) for individual floors. The Adult Intensive Care unit has also expanded to its capacity of 35 beds catering patients from various specialties.

The services are strengthened for procedures at distant places like DSA room, MRI room, Cath-lab, Radiotherapy suit, Electroconvulsive therapy and Labour analgesia in the labour room.

We have been running PAC clinic throughout the year except for the lockdown times. We continued the Pain and palliative care clinics through telemedicine until the regular clinics were resumed. We kept our palliative care services running throughout the year even during the peak of the Covid19 pandemic.

Overall, this year Covid19 had offered a unique set of challenges to all of us. We as a department, conducted training sessions as a part of COVID-19 preparedness, for faculty, senior residents and junior residents of various specialties and the nursing staff. This training included airway management, basic critical care management, basic ventilator orientation along with various basic modes of ventilation. A similar workshop was conducted for medical officers of the district focusing on COVID-19 patient Management.

Along with the 35 bedded Adult Intensive care unit, we managed two COVID Critical Care Units with 20 beds each, throughout the year. Even during the peak times of COVID-19 with overwhelmed COVID Critical Care units, the emergency operation theatres have been running through the year. We have been running a separate OT complex for COVID positive patients needing surgeries.

Along with the Faculty, our postgraduate residents, academic and non-academic senior residents were actively and tirelessly involved in the management of COVID Critical Care Units in addition to AICU, emergency OTs, semi-emergencies and elective OTs throughout the year.

On the academic front, we have started D. M. critical care program this year. Currently, we have six D.M. residents under this program. In addition to this, we are running fellowship programs in Critical Care Medicine, Pediatric Anaesthesia along with freshly started Pain & palliative care & Neuroanaesthesia fellowship program.

We switched to an online teaching platform from the beginning of COVID-19 restrictions. These include seminars, case presentations and journal clubs for postgraduate students, fellows and DM candidates. We continued clinical teaching in operation theatres and ICU in small groups with COVID appropriate behavior and restrictions.

We are regularly conducting BLS and ACLS courses for medical and paramedical staff to train them in CPR skills for the management of in-hospital cardiac arrest. This year two sessions were conducted in February and March 2021.

Similarly, 'The Indian Association of Palliative Care's Certificate Course' in Essentials of Palliative Care, was conducted in December 2020 and fourteen candidates were enrolled.

Among the academic prizes, our residents have got prestigious H. K. Gupta award and T. N. Jha award for best papers, in ISACON Rajasthan and Achutyanand award-airway category in the 1st international and 30th National RSACP conference. Another best paper award was earned in YUVAisacon 2020. Our residents also won first and second prize in quizzes conducted by ISACON Rajasthan and RSACP. We also had got three more prizes for best papers won by faculty in AIDAA and YUVAisacon 2020. this year. During this period, fifty eight papers were published in Pubmed indexed journals and nineteen in non-Pubmed indexed. These were contributed by the faculties and residents of the department.

We publish a journal of anaesthesiology, critical care and pain: "The Indian Anesthetists' Forum" Published by Wolters Kluwer India Pvt. Ltd. (<http://www.theiaforum.org>). The journal is indexed with DOAJ, Emerging Sources Citation Index, Web of Science. The department is also actively involved in training activities.

Compiled list of Publications of the department:

Papers

Pubmed Indexed:

1. Bhatia PK, Mohammed S. Aspiration Pneumonia after Rapid Sequence Intubation: A diagnostic Dilemma! Indian J Crit Care Med. 2021; 25 (2):111-112.
2. Sharma A, Vyas V, Goyal S, Bhatia P, Sethi P, Goel AD. Nasogastric tube insertion using conventional versus bubble technique for its confirmation in anesthetized patients: a prospective randomized study. Braz J Anesthesiol. 2021 Mar 22; S0104-0014(21)00099-3.
3. Bhatia PK, Sharma A. FDA approved ready to use phenylephrine. J Anaesthesiol Clin Pharmacol 2021; 37:141.
4. Paliwal B, Bhatia PK, Kamal M, Purohit A. Personal Protective Equipment and Fire. Indian J Crit Care Med. 2021; 25 (4):473-473.
5. Kaur M, Sethi P, Gupta N, Bhatia P. Burnout during the COVID-19 pandemic: time to ponder. Braz J Anesthesiol. 2021 Mar-Apr;71(2):190.
6. Chhabra S, Mohammed S, Bhatia P, Ghatak S, Paliwal B, Soni P. Vertical integration in postgraduate teaching for anaesthesiology residents: A questionnaire based descriptive cross-sectional study. Med J Armed Forces India. 2021 Feb;77(Suppl 1):S220-S226.
7. Shukla K, Patidar R, Garg M, Bhaskar S, Khera P, Bhatia P, Jha D. Volume Rendering Technique (VRT) for planning and learning Cranio-vertebral Junction (CVJ) surgeries: Technical Note.

8. Paliwal B, Kamal M, Bhatia P, Mohammed S. Mobile camera as an aid to minimize drug errors. *Braz J Anesthesiol.* 2021 Mar-Apr;71(2):192-193.
9. Jha DK, Gosal JS, Ruparelia J, et al Simple working sheath for lumbar and lumbosacral spine: technical note *BMJ Innovations* Published Online First: 01 February 2021. doi: 10.1136/bmjinnov-2020-000558.
10. Rathod KJ, Sikchi R, Vig A, Jadhav A, Saxena R, Pathak M, Bhatia P, Sinha A. Laparoscopic Inguinal Hernia Repair in Children: To Cut or Not to Cut is the Question?. *J Indian Assoc Pediatr Surg.* 2021; 26:107-10.
11. Sood J, Bhatia P, Johnson J E, Lalwani J, Sethi N. Career as a general speciality anaesthesiologist. *Indian J Anaesth.* 2021;65:6-11
12. Sethi P, Vaishnavi B D, Kaur M, Bhatia P. Anaesthetic considerations in coeliac artery compression syndrome. *Indian J Anaesth.* 2021;65: 344-5
13. WHO Solidarity Trial Consortium, Pan H, Peto R, Henao-Restrepo AM, Preziosi MP, Sathiyamoorthy V, Abdool Karim Q, Alejandria MM, Hernández García C, Kieny MP, Malekzadeh R, Murthy S, Reddy KS, Roses Periago M, Abi Hanna P, Ader F, Al-Bader AM, Alhasawi A, Allum E, Alotaibi A, Alvarez-Moreno CA, Appadoo S, Asiri A, Aukrust P, Barratt-Due A, Bellani S, Branca M, Cappel-Porter HBC, Cerrato N, Chow TS, Como N, Eustace J, García PJ, Godbole S, Gotuzzo E, Griskevicius L, Hamra R, Hassan M, Hassany M, Hutton D, Irmansyah I, Jancoriene L, Kirwan J, Kumar S, Lennon P, Lopardo G, Lydon P, Magrini N, Maguire T, Manevska S, Manuel O, McGinty S, Medina MT, Mesa Rubio ML, Miranda-Montoya MC, Nel J, Nunes EP, Perola M, Portolés A, Rasmin MR, Raza A, Rees H, Reges PPS, Rogers CA, Salami K, Salvadori MI, Sinani N, Sterne JAC, Stevanovikj M, Tacconelli E, Tikkinen KAO, Trelle S, Zaid H, Røttingen JA, Swaminathan S. Repurposed Antiviral Drugs for Covid-19 - Interim WHO Solidarity Trial Results. *N Engl J Med.* 2021 Feb 11;384(6):497-511.
14. Elhence A, Sureka B, Garg MK, Bhardwaj P, Kanchan T, Sinha A, Bhatia PK, Nag VL, Kothari N, Dutt N, Bhaskar S, Tak V, Bishnoi N R, Misra S. Preparing for a COVID-19 pandemic: Redefining roles of multidisciplinary team in a large tertiary hospital in Rajasthan. *J Family Med Prim Care* 2020; 9:5439-44.
15. Niwas R, S AS, Garg MK, Nag VL, Bhatia PK, Dutt N, Chauhan N, Charan J, Asfahan S, Sharma P, Bhardwaj P, Banerjee M, Garg P, Sureka B, Bohra GK, Gopalakrishnan M, Misra S. Clinical outcome, viral response and safety profile of chloroquine in COVID-19 patients - initial experience. *Adv Respir Med.* 2020;88(6):515-519.
16. Chauhan NK, Shadrach BJ, Garg MK, Bhatia P, Bhardwaj P, Gupta MK, Dutt N, Jalandra RN, Garg P, Nag VL, Sharma P, Bohra GK, Kumar D, Elhence PA, Banerjee M, Mathur D, Purohit AH, Gadepalli R, Sureka B, Misra S. Predictors of Clinical Outcomes in Adult COVID-19 Patients Admitted to a Tertiary Care Hospital in India: an analytical cross-sectional study: Predictors of clinical outcomes in COVID-19. *Acta Bio Med.* 2020; Nov.10
17. Kaur M, Sethi P, Sharma A, Balakrishnan N, Bhatia P. Trial and Tribulations of Anaesthesia Residency Programme during the COVID-19 Pandemic: A Resident Perspective. *Turk J Anaesthesiol Reanim.* 2020 Dec; 48(6):514-515
18. Deora S, Bhatia PK. Comment on: Anesthesiologists and job satisfaction in cardiac cath lab: Do we need guidelines?. *Ann Card Anaesth.* 2020;23: 374-5
19. Bhatia P, Mohammed S. Severe Hypoxemia in Early COVID-19 Pneumonia. *Am J Respir Crit Care Med.* 2020 Aug 15;202(4):621-622.
20. Sureka B, Sinha A, Tak V, Garg MK, Bhatia PK, Bhardwaj P, Nag VL, Dutt N, Elhence A, Bhaskar S, Bishnoi A, Chauhan N, Bishnoi N R, Misra S. Customized personal protective equipment (PPE):

- Solution to conservation and management of supplies during the coronavirus disease 2019 (COVID-19) pandemic. *J Family Med Prim Care*.2020; 9:2180-2
21. Syal R, Kumari K, Kumar R, Prasad H, Bhatia P. The emotional impact of over suspicion in the corona virus pandemic. *J Clin Anesth*. 2020 Sep; 64:109844.
 22. Kaur M, Balakrishnan N, Kumar R, Bhatia P. Anesthetic management of an insulinoma patient with recurrent hypoglycemic seizures. *Saudi J Anaesth* 2020;14: 417-8
 23. Manbir Kaur, Jaskaran Singh Gosal, Mayank Garg, Suryanarayanan Bhaskar, Deepak KumarJha, Pradeep Bhatia. Intravenous Acetaminophen (Paracetamol) for Post-Craniotomy Pain; Systematic Review and Meta-Analysis of Randomized Clinical Trials. *World Neurosurgery* 2020; 137: 488
 24. Bihani P, Kaloria N, Bhatia P, Kumar S, Jaju R. Accidental arterial chemoport catheter insertion. *J Anaesthesiol Clin Pharmacol* 2020; 36:278-9.
 25. Mohammed S, Bhatia P, Chhabra S, Paliwal B. Congenital tracheomalacia unmasked following repair of tracheo-esophageal fistula: experience with two consecutive cases. *Trends in Anaesthesia and Critical Care*. 2020; 30:e192.
 26. Sharma A, Kumar S, Jain N, Vyas V, Goyal A, Goyal S, Kothari N. Airway in the Airway. *Turkish Journal of Anaesthesiology & Reanimation* 2021; 49(1): 90-1.
 27. Syal R, Parvez M, Kothari N, Abbas H, Kumar R, Singh S, Choudhary G. Comparison of conventional technique versus modified tube first technique of awake nasotracheal fiber-optic intubation: A randomized control open label trial. *Anaesthesia Essays Res*. 2020;14: 395-400.
 28. Kumar L, Abbas H, Kothari N, Kohli M, Dhasmana S. Effect of 4% nebulized lignocaine versus 2% nebulized lignocaine for awake fibroscopic nasotracheal intubation in maxillofacial surgeries. *Natl J Maxillofac Surg* 2020; 11:40-5.
 29. Bala N, Pathak V, Goyal S, Kothari N. Popliteal artery cannulation as a saviour during prone positioning. *BMJ Case Rep* 2020;13:e234370.
 30. Vaishnavi BD, Nikhil Kothari. Use of pilot balloon to fish put fractured tracheostomy tube. *Anaesthesia & Analgesia Practice*. 2020; 14:58-59.
 31. Niwas R, Chawla G, Chauhan N, Chhabra S. Unique technique of rescue ventilation in malignant critical airway obstruction during airway stenting. *Indian J Anaesth*. 2021; 65:158-60.
 32. Prasad RH, Sharma A, Kothari N, Vyas V, Goyal S. Atypical Presentation of Crimean–Congo Hemorrhagic Fever as Ascending Paralysis with Rhabdomyolysis. *Indian J Crit Care Med*. 2020;24(2):143- 4.
 33. Syal R, Kumar R, Chhabra S, Agha M. Is the mid-transverse process to pleura block a better technique for patients with obesity undergoing modified radical mastectomy? *Korean J Anesthesiol*. 2020 Oct;73(5):462- 464.
 34. Varuna Vyas, Ankur Sharma, Shilpa Goyal, Nikhil Kothari. Infrared vein visualization devices for ease of Intravenous access in children: hope versus hype. *Anaesthesiol Intensive Ther*. 2021; 53(1):1-10.
 35. Kaur M, Kumar R. Commentary regarding ‘Looped suction catheter in an i-gel™; something to worry about or much ado about nothing?’ *Indian J Anaesth* 2020; 64: 645-6
 36. Kumar R, Sharma A, Bansal R, Kamal M, Sharma L. Re: Is Erector Spinae Plane Block Useful in Preventing the Transition from Acute to Chronic Pain After Multiple Rib Fractures? *Turk J Anaesthesiol Reanim*. 2020; 48(2):169
 37. Syal R, Kumari K, Kumar R, Chaudhary K, Paliwal B. The saga of an anesthesiologist: frontline COVID-19 warrior. *Braz J Anesthesiol*. 2020; 70(5):566
 38. Syal R, Parvez M, Kothari N, Abbas H, Kumar R, Singh S, *et al*. Comparison of conventional technique versus modified tube first technique of awake nasotracheal fiber- optic intubation: A randomized control open- label trial. *Anesth Essays Res* 2020; 14: 395-400.

39. Kalyani KM, Kamal M, Paliwal B, Modi D. Amyloidosis- Systemic amyloidosis: 'A challenge to the Anesthesiologists'. *Indian J Anaesth* 2020; 64(7):640-2.
40. Singariya G, Choudhary S, Kamal M, Seervi SN, Bihani P, Kumar M. Analgesic sparing effect of dexamethasone with levobupivacaine in quadratus lumborum block in patients undergoing unilateral inguinal hernia repair: A prospective randomised controlled trial. *Indian J Anaesth.* 2020;64(8):668-74.
41. Syal R, Vaishnavi B D, Kumar R, Kamal M. Utility of erector spinae plane block in a complex scapular resection. *Indian J Anaesth.* 2020;64(8):731-3
42. Jain A, Singariya G, Kamal M, Kumar M, Jain A, Solanki RK. COVID-19 pandemic: Psychological impact on anaesthesiologists. *Indian J Anaesth.* 2020;64(9):774-83.
43. Singariya G, Choudhary K, Kamal M, Bihani P, Himani P, Saini P. Comparison of analgesic efficacy of intrathecal 1% 2-chloroprocaine with or without fentanyl in elective cesarean section: A prospective randomized study. *Indian J Anaesth.* 2021;65(2):102-7.
44. Tanya Mital, Shilpa Goyal, Nidhi Jain, Ankur Sharma. Use of lung ultrasound to diagnose intraoperative tension pneumothorax in a pediatric laparoscopic surgery. *Saudi Journal of Anaesthesia.* Oct 2020;14: 563-4
45. Goyal S, Sharma A, Goswami D, Kothari N, Goyal A, Vyas V, Kirubakaran R, Sahu R, Singh S. Clonidine and Morphine as Adjuvants for Caudal Anaesthesia in Children: A Systematic Review and Meta-Analysis of Randomised Controlled Trials. *Turk J Anaesthesiol Reanim.* Sept 2020; 48(4).265-72.
46. Niwas R, Chawla G, Chauhan N, Chhabra S. Unique technique of rescue ventilation in malignant critical airway obstruction during airway stenting. *Indian J Anaesth* 2021; 65:158-60.
47. Goswami D, Nisa N, Sharma A, Dadhwal V, Baidya DK, Arora M. Low-Dose Ketamine for Outpatient Hysteroscopy: A Prospective, Randomised, Double-Blind Study. *Turk J Anaesthesiol Reanim.* 2020 Apr;48(2):134-141.
48. Vyas V, Sharma A. An Urgent Need to Color Code Vials and the Corresponding Delivery Devices for the Concentration of Insulin. *J Diabetes Sci Technol.* 2021 Jan;15(1):186-7.
49. Sharma A, Vyas V. Global contribution of Indian authors in various critical care journals: An Eye-opener. *Saudi J Anaesth.* 2020 Apr-Jun;14(2):271-2.
50. Rajpurohit V, Chaudhary K, Kishan R, Kumari K, Sethi P, Sharma A. Bi-spectral index-guided comparison of propofol versus etomidate for induction in electroconvulsive therapy. *Anesth Essays Res* 2020; 14:504-9.
51. Ramalingam HP, Sharma A, Rathod DK. Delayed Diagnosis of Postintubation Tracheal Stenosis due to the Coronavirus Disease 2019 Pandemic: A Case Report. *A&A Practice.* 2020;14(8), e01269.
52. Meshram TM, Ramachandran R, Trikha A, Rewari V. Haemodynamic responses following orotracheal intubation in patients with hypertension---Macintosh direct laryngoscope versus Glidescope@videolaryngoscope. *Indian J Anaesth.* 2021; 65: 321-7
53. Prakash K, Meshram T, Jain P. Midazolam versus dexamethasone-ondansetron in preventing post-operative nausea-vomiting in patients undergoing laparoscopic surgeries. *Acta Anaesthesiol Scand.* 2021; 00: 1– 7
54. Paliwal B, Kamal M, Roy S, Kumari K. A convenient assembly for drug dilution. *Indian J Anaesth.* 2021; 65:162-3.
55. Jain N, Kumari K, Roy S, Syal R. Hypocalcaemia-induced acute exacerbation of bronchial asthma: An unusual cause of a common disorder. *Indian J Anaesth.* 2020; 64: 820-1.
56. Kamal M, Agarwal D, Singariya G, Kumari K, Paliwal B, Ujwal S. Effect of dexmedetomidine on attenuation of hemodynamic response to intubation, skin incision, and sternotomy in coronary artery

- bypass graft patients: A double-blind randomized control trial. *J Anaesthesiol Clin Pharmacol.* 2020; 36: 255-60.
57. Motiwala T, Rathod KJ, Jadhav A, Shaikh M, Elhence P, Paliwal B, Sinha A. Congenital Melanocytic Nevus with Scrotal Mass: A Diagnostic Dilemma. *J Indian Assoc Pediatr Surg.* 2021 Mar-Apr; 26(2):133-5.
58. Paliwal B, Purohit A. Concerns with use of drape/patient covering during potentially aerosolizing procedures. *Am J Emerg Med.* 2021 Aug;46:653.

Non-Pubmed Indexed:

1. Bhatia P, Chhabra S, Mohammed S. Survey-based research: Meticulous planning and execution is the key!. *Indian Anaesth Forum.* 2021;22:1-2.
2. Rapeti KM, Paliwal B, Sharma A, Kamal M, Bhatia P. Neuromyelitis optica: An anesthetic challenge. *Indian Anaesth Forum.* 2021;22:94-6.
3. Paliwal B, Bhatia P, Chhabra S, Kumar R. Postoperative agitation in children: Think beyond inadequate analgesia and emergence delirium. *Indian Anaesth Forum.* 2021; 22:98-9.
4. Mital T, Sharma A, Kaur M, Bhatia P. Paraquat poisoning: Case fatality due to a catastrophic respiratory involvement. *Indian Anaesth Forum.* 2021; 22:101-2.
5. Paliwal B, Roy S, Kaushal D, Kumari K, Bhatia P. Nasotracheal intubation and the resulting ulcers: Learning points. *Indian Anaesth Forum.* 2021; 22:111-3.
6. Mohammed S, Chhabra S, Bhatia P, Paliwal B, Sharma L. Pressure sore with high-flow nasal canula: Another challenge in the COVID-19 pandemic. *Indian Anaesth Forum.* 2021; 22:114-5.
7. Syal R, Singh N, Bhatia P, Kumar R, Jain N. Frova intubating introducer – Recheck before reuse!. *Airway.* 2020; 3:166-7.
8. Bhatia P, Biyani G, Mohammed S, Lala P. Impact of COVID-19 pandemic on education and learning of trainee anesthesiologists, and measures to combat the losses. *Indian Anaesth Forum.* 2020; 21:81-4.
9. Hariprasad R, Choudhary G, Kamal M, Bhatia P. A modified technique of conventional arterial catheterization to increase success rate while reducing the complications. *Indian Anaesth Forum.* 2020; 21:159-60.
10. Vaishnavi B D, Bihani P, Kumar R, Bhatia P, Sayal R, Jaju R. Iatrogenic tracheoesophageal fistula after button-battery ingestion. *Indian Anaesth Forum.* 2020; 21:165-6.
11. Kumar R, Kumar M, Bhatia P, Kamal M, Mohammad S, Syal R. Electrocardiographic changes or artifacts? A dilemma. *Indian Anaesth Forum.* 2020; 21:78-80.
12. Chhabra S, Kamal M, Chhabra D, Agha M. Sustaining academics during the COVID-19 pandemic. *Indian Anaesth Forum.* 2020; 21:170-1.
13. Sharma RS, Kamal M, Paliwal B, Bhatia P, Suyashi. Stellate ganglion intervention for pain associated with Morphea. *Indian J Pain.* 2020;34(2):138-40.
14. Sethi P, Balakrishnan N, Kaur M. Anaesthetic Concerns in a Child Posted for suprasellar Tumour Resection. *Sch J App Med Sci,* 2021 Mar 9: 733-734.
15. Sethi P, Kumar R, Gupta SK, Sharma A. Ketamine and lignocaine in airway trauma: Boon for anesthesiologists. *Indian Anaesth Forum.* 2021; 22:103-4.
16. Rapeti KM, Sharma A, Taye S, Sethi P. Multidrug allergy syndrome and anesthetic challenges. *Indian Anaesth Forum* 2021; 22:106-7.
17. Mital T, Choudhary G, Syal R, Kumar R. C-MAC video laryngoscope: A simple solution for a difficult problem. *Airway.* 2020; 3:96-7.

18. Syal R, Chander S, Kala PC, Suresh K, Chhabra S. Mending the after-effects of simulation-based cross-skill airway training during COVID-19 pandemic: The “real” plastic surgery. *Indian Anaesth Forum*. 2021; 22:113-4.
19. Sharma RS, Agha M, Vyas R, Bhatia P, Sharma A. Prolonged analgesic effect of ultrasound-guided bilateral transversus abdominis plane block in pediatric patients. *Indian J Pain*. 2020; 34:47-9

Workshops/ Conferences Organized

1. Extensive training workshops as a part of preparedness for COVID-19 for faculty, senior residents, junior residents of various specialties and Nursing officers. Department of Anesthesiology and Critical Care, AIIMS Jodhpur, 15th -21st April 2021.
(This training included basic airway management, basics of critical care medicine and mechanical ventilation including various modes of ventilation)
2. COVID-19 patient Management Training Program of medical officers of the district. Department of Anesthesiology and Critical Care, AIIMS Jodhpur, 4th -17th August 2020.
3. Induction Program for Nursing officers in AICU. Department of Anesthesiology and Critical Care, AIIMS Jodhpur, 22nd June - 23rd July 2020.
4. Webinar on “Is Documentation of Effective Bag-Mask Ventilation before Administration of Neuromuscular Blocking Drugs Necessary: A controversy”. Under the banner of All India Difficult Airway Association (AIDAA) Jodhpur city branch, Department of Anesthesiology and Critical Care, AIIMS Jodhpur, 7th July 2020.
5. Webinar on “Pediatric difficult airway”. Under the banner of All India Difficult Airway Association (AIDAA) Jodhpur city branch and Department of Anesthesiology and Critical Care, AIIMS Jodhpur, 21st July 2020.
6. The Indian Association of Palliative Care’s Certificate Course in Essentials of Palliative Care. Department of Anesthesiology and Critical Care, AIIMS Jodhpur, December 2020.
7. Guest lecture on “Perioperative consideration in the patient with a pacemaker in situ, and tips & tricks in TEE”, Speaker: Dr Abhram Sony (Assistant Professor, Massachusetts General Hospital, Boston, USA). Department of Anesthesiology and Critical Care, AIIMS Jodhpur, 28th February 2021.
8. American Heart Association (AHA) Certified BLS and ACLS Provider Course. Department of Anesthesiology and Critical Care, AIIMS Jodhpur, 27th – 28th February 2021.
9. American Heart Association (AHA) Certified BLS and ACLS Provider Course. Department of Anesthesiology & Critical Care AIIMS Jodhpur, 19th Mar 2021.
10. Virtual Guest Lectures in Neuroanaesthesiology and Critical Care Anaesthesia for Awake Craniotomies, Speaker: Dr Deepak Sharma (University of Washington, Seattle WA.). Department of Anesthesiology and Critical Care, AIIMS Jodhpur, 14th March 2021.
11. Challenges and Preparedness in Interventional Neuroradiology Suite, Speaker: Dr David Wright (University of Washington, Seattle WA). Department of Anesthesiology & Critical Care AIIMS Jodhpur, 28th Mar 2021.
12. Workshop on Ultrasound Guided Regional Anaesthesia. Department of Anesthesiology and Critical Care, AIIMS Jodhpur in association with the Department of Anaesthesiology, S P Medical College, Bikaner, 21st – 22nd February 2021.

Eminent Visitors:

Although owing to Covid situation we couldn’t have eminent speakers in person, we had eminent speakers for virtual guest lectures.

1. Dr Abhram Sony (Assistant Professor, Massachusetts General Hospital, Boston, USA)
2. Dr Deepak Sharma, University of Washington, Seattle WA.
3. Dr David Wright, University of Washington, Seattle WA.

Any other information:

Workshops organized by Department of Anaesthesiology and Critical Care, AIIMS Jodhpur.

1. The department had organized a 'Training workshop for airway management & Mechanical Ventilation' in AIIMS, Jodhpur. This workshop ran over seven days, two sessions per day with 30 participants per session. It was organized for preparation to handle the possible widespread situation due to COVID-19 which we eventually faced. The participants were faculty, senior residents, junior residents of various specialties and nursing officers. The participants were introduced to the basics of airway management and given hands-on training on airway mannequin. The training involved mask ventilation, securing the airway with supraglottic airway and intubation. The second important part of the training was an introduction to critical care and mechanical ventilation along with the demonstration of various modes of ventilation and troubleshooting.



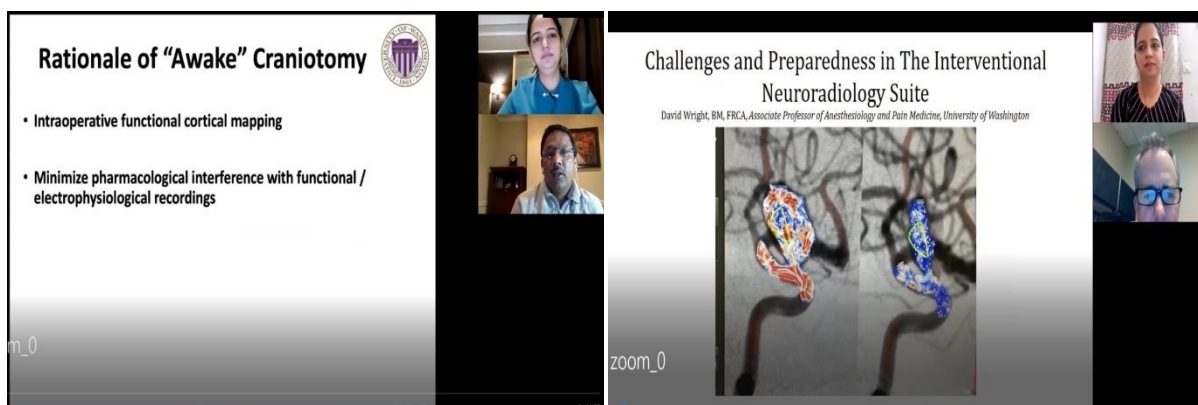
Enthusiastic participants during the workshop

2. We are regularly conducting BLS and ACLS courses for medical and paramedical staff to train them in CPR skills for the management of in-hospital cardiac arrest. This year it was conducted in February and March 2021. Both the courses had about 25 participants each who were trained and assessed for their BLS and ACLS skills over three days. The successful participants were awarded with BLS and ACLS provider certificates.



Organizers, faculty and participants during BLS and ACLS courses

3. Neuroanaesthesia Guest lectures:



Screen shots during ongoing Guest lectures on various topics of Neuroanesthesia

Name of Faculty: Pradeep Bhatia

Designation: Professor & Head

Books/Chapters

1. Bhatia P, Biyani G, Mohammed S. Hyperthermia and Heat Stroke. In: Textbook of Critical Care, Sharma J (editor), 2nd Edition, Jaypee Brothers 2021.
2. Bhatia P, Kothari N, Bhardwaj P. Recommendations to develop Health Care Facility for COVID-19 patients at PHC/CHC/District Hospitals. A booklet 2020.

Sessions Chaired

1. Study Planning and Methodology, Webinar by the Indian College of Anaesthesiologists, 31st March, 2021

2. IAPA WEBCON 2021, 28 March, 2021
3. Critical Care, 1st International and 30th National Conference (virtual) of Research Society of Anaesthesiology Clinical Pharmacology (RSACP 2021), 6th March 2021
4. Carbapenem Resistance-The Central Summit, Indian Sepsis Forum, 18th December 2020
5. E-Poster session, XI National Airway Conference of the All India Difficult Airway Association (AIDAA) – NAC 2020 (virtual platform), 10th -11th October 2020

Invited Lectures

1. Two case discussions online “Female, 60 yrs, with CKD for large umbilical hernia repair” and “M /28 yrs with myasthenia gravis for gastrectomy”, Anaesthesia Review Course 2021 by Tata Memorial Hospital, 20th March 2021.
2. Adenotonsillectomy: Anaesthetic Concerns, Anaesthesia Postgraduate Pre-Examination Course 2021 (APPEC-21), 10th Feb 2021.
3. The Impact of Frailty on Perioperative Outcomes: Assessment, Risk and Management, 22nd ISACON Rajasthan Virtual Conference, 6th -7th February 2021. (Online)
4. Perioperative management of Frail Geriatric Patients, Academic Webinar Series 2020 by the Research Society of Anaesthesiology Clinical Pharmacology, 23rd September 2020.

Symposium Speaker

1. Postgraduate Anaesthesia education in the changing times. ISA-BJ Webcon 2020, 13th September 2020.
2. Clinical Management of patients in COVID ICU. ISA National Task Force-COVID Clinical Coordinators meeting, 11th July 2020.
3. International Webinar “Global Dialogue on COVID-19 Pandemic”. RAJMAAI, 10th May 2020. (Online)

Research Project:

Ongoing:

As Principal Investigator

1. Measurement of epidural depth with ultrasound and its correlation with body mass index in Indian paediatric population: A prospective observational study.

As Co-Investigator:

1. Outcome and practice pattern of first hundred high-priority elective surgical cases during COVID-19 pandemic.
2. Anaesthesia for Drug Induced Sleep Endoscopy (DISE): A retrospective descriptive study.
3. Incidence, risk factors and outcome of cardiac involvement in COVID-19 infected patients.
4. Acute Normovolemic Hemodilution in intracranial meningiomas and large-size high grade tumor surgeries – a Prospective Randomized Controlled Study (CTRI/2020/06/025965)
5. Pain management practices and patient’s satisfaction post-caesarean section at AIIMS Jodhpur- a prospective, observational study.
6. Evaluation of qNOX as an objective marker of analgesia and responsiveness to nociception under general anaesthesia: a prospective observational study.
7. Comparison of mid-point transverse process to pleura (MTP) block and erector spinae plane (ESP) block for post-operative pain in MRM patients: A double blinded randomized control trial.
8. High flow nasal cannula oxygen therapy in Covid 19 patients. An ambidirectional observational study.

9. Comparison of caudal dexmedetomidine and midazolam as an adjuvant to ropivacaine for post-operative pain relief in children undergoing infra-umbilical surgeries: A prospective randomized controlled trial.
10. Comparison of epidural morphine versus dexamethasone for post-operative analgesia following lumbar discectomy: A double blind randomized control study.
11. Comparison of Air q blocker and Baska mask in elderly patients: A prospective randomized trial.

Membership/Post in Journal or Society or Association

1. Editor-in-Chief; Journal of Anaesthesiology Clinical Pharmacology (JOACP)
2. Member; Research Society of Anaesthesiology Clinical Pharmacology (RSACP)

Name of Faculty: Dr. Manoj Kamal

Designation: Additional Professor

Sessions Chaired:

1. Cardiac Anaesthesia, RSACPCON 2021, 6th March 2021. (Online)
2. Airway, ISACON WEBCON KERALA 2020, 1st November 2020. (Online)
3. Judge for paper presentation, IAPCON 2021, 21st March 2021. (Online)

Invited Lectures:

1. Journey through the eyes of course coordinators. IAPCON 2021, 19th March 2021
2. Myocardial protection during cardiac surgery: An update. 24th Annual conference of the "Indian Association of Cardiovascular and Thoracic Anaesthesiologists" (IACTA), 27th-28th February 2021

Resource Faculty:

1. USG guided regional anaesthesia workshop. Ajmer, 13th - 14th March 2021

Research Project:

Ongoing:

As Co-Investigator

1. Telemedicine approach in palliative care of cancer patients of AIIMS Jodhpur- A pilot study on identifying delivery strategies and challenges during COVID-19 crisis.
2. Outcome and practice pattern of first hundred high-priority elective surgical cases during COVID-19 pandemic

Completed:

As Principal Investigator-

1. Correlation of rotational thromboelastometry and clinical picture of critically ill COVID-19 patients

Examinership

MD examiner

1. External examiner for MD examination. Kota Medical College, Kota, 25th - 26th Jun 2020
2. External examiner for MD examination. J L N Medical College, Ajmer, 27th-28th Jun 2020
3. External examiner for MD examination. JIPMER, Puducherry, 22th- 23rd March 2021

Membership/Post in Journal or Society or Association

1. Rajasthan Secretary; ISA
2. Secretary; IACTA Jodhpur
3. Executive Member; ISA West Zone

National/ International Conferences attended:

1. 22nd ISACON RAJASTHAN 2021 Virtual Conference as Organising Secretary. 2nd - 3rd January 2021. (Online)
2. National Airway Conference of AIDAA (NAC-2020), 10th -11th October 2020.
3. AIM-P Virtual Conference, 2nd - 4th October 2020. (Online)

Name of Faculty: Dr. Nikhil Kothari

Designation: Additional Professor

Books/Chapters:

1. Bhatia P, Kothari N, Bhardwaj P. "Recommendations to develop Health Care Facility for COVID-19 patients at PHC/CHC/District Hospitals". A booklet 2020

Invited Lectures:

1. Epidemiology of COVID 19 and pandemic management in India. USAID Jpheigo and RISE program, 26th October 2020.
2. Key Features, assessments, and co-morbidities of COVID 19. USAID Jpheigo and RISE program, 26th October 2020.
3. Management of the Dyspneic Patient & Oxygen Therapy in Moderate and severely ill COVID-19 patients. USAID Jpheigo and RISE program, 26th October 2020.

Resource Faculty:

1. Training Centre Faculty (TCF) for AHA certified BLS and ACLS courses. Department of Anesthesiology and Critical Care, AIIMS Jodhpur, 10th- 11th September 2020 and 25th -26th February, 25th March 2021.

Workshops/ Conferences Organized:

1. AHA Certified, BLS and ACLS Course. Department of Anesthesiology and Critical Care, AIIMS Jodhpur, 10th -11th September 2020.
2. AHA Certified, BLS and ACLS Course. Department of Anesthesiology and Critical Care, AIIMS Jodhpur, 25th - 26th February 2021.
3. AHA Certified, BLS Course. Department of Anesthesiology and Critical Care, AIIMS Jodhpur, 25th March 2021.

Scientific Awards/Patents:

1. Corona Umbrella: Application no: 202011014491, Patent Office: New Delhi, India, published on 08.05.2020.
2. Mobile Aerosol Restriction Box: Application no: 202011023804, Patent office, New Delhi, published on: 26.06.2020.

Examinership:

1. MD Anaesthesia Exam. Dr SN Medical College, Jodhpur, July 2020

Membership/Post in Journal or Society or Association

1. Member; European Society of Intensive Care Medicine (ESICM).

National Conferences attended:

1. Advanced Trauma Life Support (ATLS) instructor course. 26-28 feb 2021.

Any other information:

1. No. of Ph.D./D.M./M.Ch. Students working under you as chief or co-supervisor: 02 MED TECH (MED TECH: IIT Jodhpur- AIIMS Jodhpur Joint Programs in Medical technologies)

Name of Faculty: Dr. Shilpa Goyal

Designation: Additional Professor

Paper Presented

1. Comparison of Lidocaine Spray, and Buzzy® Device with Conventional Technique to reduce Pain of Intravenous I.V. Cannulation in Paediatric Patients: A Randomised Controlled Trial. IAPA, March 2021. (as co-author)
2. Management of refractory bronchospasm in a pediatric patient under General Anesthesia: A case report. IAPA, March 2021 (as co-author)

Session Chaired:

1. Expert panel of symposium titled Difficult Airway Management in Children. Symposium under the aegis of All India Difficult Airway Society, June 2020.

Resource Faculty:

1. Training Centre Faculty (TCF) for AHA certified BLS and ACLS courses. Department of Anesthesiology and Critical Care, AIIMS Jodhpur, Nov 2020, Jan 2021 and Mar 2021.

Research Project:

Ongoing:

As Principal Investigator:

1. Assessment of use of Protection Box for Intubation/Extubation during COVID-19 pandemic.

As Co-Investigator:

1. Knowledge and attitude about Surgical Safety Checklist among surgical care practitioners of AIIMS Jodhpur.
2. Assessment of use of Protection Box for Tracheostomy during COVID-19 pandemic.

Completed:

As Principal Investigator:

1. Attitude and knowledge of medical undergraduate students towards Basic Life Support: A cross-sectional study.

As Co-Investigator:

1. Attitude of medical undergraduate students toward anesthesia as a future career: A cross sectional study.
2. Nasogastric tube insertion using conventional versus bubble technique in anesthetized patients: a prospective randomized study.

Scientific Awards/Patents

1. Tracheostomy Tube. Patent Application No. 202011021495. Filed with Indian Patent Office, 21st May 2020.
2. Protective Box. Patent Application No. 202011026019. Filed with Indian Patent Office, 19th June 2020.
3. Surgical Box. Patent Application No. 202011026021. Filed with Indian Patent Office, 19th June 2020
4. Among the winners for India-Sweden Healthcare Innovation Challenge. Winners declared by Dr. Harshvardhan Ji, the Honorable Minister of Health and Family Welfare, Government of India, 2nd December 2020.
5. Awarded certificate of appreciation. Indian Society of Anesthesiologist as "PPE clad COVID warrior. 27th July 2020.

Examinership

1. External expert for MD Exams. Dr SNMC, Jodhpur, July 2020

Membership/Post in Journal or Society or Association:

1. Editorial Board Member and Section editor; 'Pediatric Anesthesia' of Online Journal "The Indian Anaesthetist's Forum" being published from Department of Anaesthesiology and Critical Care, AIIMS Jodhpur

National/ International Conferences attended:

1. IAPA Webcon 2021, Amritsar, 27th -28th March 2021. (Online)
2. 13th Pediatric Surgery Update. 2021, New Delhi, 11th -14th March 2021.

Any other information:

1. Theses adjudication of various Institutes in India.
2. Member; Music Committee of the Institute
3. Member; Central Store Committee for physical verification of Consumables (Non-chemicals).

Name of Faculty: Dr. Sadik Mohammed

Designation: Associate Professor

Books/Chapters

1. Chhabra S, Mohammed S. Anaesthesia Circuits: Bain and Closed. In: Sehgal R, Trikha A editors. Yearbook of Anesthesiology-10; 1st Edition. New Delhi, India: Jaypee Brothers Medical Publishers (P) Ltd 2021. pp. 45–66.

2. Bhatia PK, Biyani G, Mohammed S. Diagnosis and Management of Hyperthermia and Heat Stroke in Intensive Care Unit. In: Mehta Y, Sharma J, Mehta C. Text Book of Critical Care, 2nd Edition. Jaypee Brothers Medical Publisher (P) Ltd 2020; In Press.

Papers Presented:

1. Mohammed S, Chhabra S, Bhatia PK. Mending the after-effects of simulation based cross-skill airway training during COVID-19 pandemic: The real plastic surgery. 97th Annual scientific meeting of the Korean Society of Anesthesiologists (KoreAnesthesia 2020), Korean Society of Anesthesiologists, 5th - 7th November 2020.

Invited Lectures

1. Real time in-plane approach to subclavian vein cannulation: The hammer sign. 1st Annual national conference of YUVA ISA (1st YUVA ISACON), Indian Society of Anaesthesiologists, 05th -6th September 2020.

Resource Faculty:

1. USG guided Regional Anesthesia. Department of Anesthesia, S P Medical College, Bikaner, 21st – 22nd February 2021.
2. USG guided Regional Anesthesia. Department of Anesthesia, J L N Medical College, Ajmer, 13th -14th March 2021.

Research Project:

Ongoing:

As Principal Investigator:

1. Anaesthesia for Drug Induced Sleep Endoscopy (DISE): A retrospective descriptive study.

As Co-Investigation:

1. Incidence, risk factors and outcome of cardiac involvement in COVID-19 infected patients.

Completed:

As Co-Investigator

1. Comparison of Malposition of i-gel in paediatric patients after blind and C-MAC guided insertion: A randomized controlled trial.

Membership/Post in Journal or Society or Association:

1. Assistant Editor; Journal of Anaesthesiology and Critical Care

National/ International Conferences attended:

1. AOA 2021. Association of Obstetric, 9th -10th Jan 2021. (Online)
2. Koreanesthesia 2020, organized by Korean Society of Anesthesiologists, 5th -7th Nov 2020. (Online)
3. AORA 2020. Academy of Regional Anaesthesia, 31st Oct. -1st Nov. 2020. (Online)
4. Criticare 2021. ISCCM, 24th - 28th Feb 2021. (Online)

Name of Faculty: Dr. Bharat Paliwal
Designation: Associate Professor

Papers Presented:

1. Paliwal B. Management strategy for covid-19 infection, 1st YUVA ISACON 2020, 5th -6th September 2020. (Online)

Resource Faculty:

1. COVID Management: Medical Officer training. Department of Anesthesiology and Critical Care, AIIMS Jodhpur, 9th -15th August 2020
2. Participation in Center of Excellence for Clinical management of COVID 19 care AIIMS Jodhpur (Basics of mechanical ventilation and management of severely ill COVID- 19 patients), USAID RISE program, 26th October 2020.

Research Project:

Ongoing:

As Principal Investigator

1. Evaluation of qNOX as an objective marker of analgesia and responsiveness to nociception under general anaesthesia: a prospective observational study.

As Co-Investigator

1. Relation of severity of pain to emergence delirium after general anesthesia in young children: a prospective study.
2. A comparison of insertion characteristics of various airway devices by nursing staff in an airway management trainer/manikin- An observational study.
3. Haemodynamic changes during induction in patients on single versus combination of antihypertensive drugs, undergoing elective surgeries under General Anaesthesia: An observational Study.
4. A newer approach for thoracic paravertebral block "The mid-point transverse process to pleura (MTP) block" for post-operative analgesia in patients undergoing modified radical mastectomy: A case series.
5. Cross-sectional evaluation of prevalence of depression in patients with Nociceptive and Neuropathic pain in Indian Subpopulation.
6. Vertical Integration in Postgraduate Teaching for Anaesthesiology Residents: A questionnaire based descriptive cross-section study.

Completed:

As Co-Investigator

1. Real-time in plane ultrasound guided thoracic epidural placement in infants undergoing abdominal surgeries: A prospective trial.

Scientific Awards/Patents

1. Third prize in Paper presentation. Indian Society of Anaesthesiologist /1st Yuva ISACON 202, 15th - 6th September 2020

2. Appreciation certificate 'PPE Clad COVID Warriors'. Indian Society of Anaesthesiologist. 27th July 2020

Membership/Post in Journal or Society or Association

1. Life Membership; Indian Society of Pain Clinicians ISPC (Date:01/12/2020)

National/ International Conferences attended:

1. 1st Yuva ISACON Virtual conference. Indian Society of Anaesthesiologist, 5th - 6th September 2020. (Online)

Name of Faculty: Dr. Swati Chhabra

Designation: Associate Professor

Books/Chapters

1. Chhabra S, Mohammed S. Anaesthesia Circuits: Bain and Closed. In: Yearbook of Anesthesiology-10. Sehgal R, Trikha A (editors) Ed. 1 New Delhi, India: Jaypee Brothers Medical Publishers (P) Ltd, (2021). pp. 45–66.

Papers Presented:

1. Anupma, Chhabra S, Bhatia P, Kamal M. Comparison of oropharyngeal leak pressure and insertion characteristics of Ambu Auragain and I Gel in patients undergoing laparoscopic inguinal hernia repair: A randomized control trial. RSACPCON 2021, 6-7 March 2021. (Online)
2. Anupma, Chhabra S, Ojha S. Application of Near Infrared Spectroscopy in a patient with carotid artery stenting scheduled for spine surgery: A Case Report. ISNACC 2021. 24th -26th January 2021. (Online)
3. Kaur M, Chhabra S, Balakrishnan N, Bansal R, Paliwal B, Mohammed S. Management of intraoperative bilateral spontaneous pneumothorax in a patient undergoing surgery for sellar tuberculoma. ISNACC 2021. 24th -26th January 2021. (Online)
4. Chhabra S. A case report of a surgical patient with Andy Gump deformity and severe obstructive sleep apnea: Challenges and management. 97th Annual Scientific Meeting of the Korean Society of Anesthesiologists (KoreAnesthesia 2020). 5th -7th November 2020. (Online)
5. Kumar R, Chhabra S, Mohammed S, Syal R, Bhatia P. Comparison of malposition of i-gel in pediatric patients after blind and C-MAC guided insertion- A Randomised controlled trial. XI National airway conference of the All India Difficult Airway Association, 10th -11th October, 2020. (Online)
6. Kumar R, Chhabra S, Mohammed S. Emergency laparotomy in a patient with Paroxysmal Nocturnal Hemoglobinuria: A fatality case report. 97th Annual Scientific Meeting of the Korean Society of Anesthesiologists (KoreAnesthesia 2020). 5th -7th November 2020. (Online)
7. Karan P, Chhabra S, Kumar R, Singh NC. Anesthetic management of emergent sino-nasal mucormycosis for exenteration in a patient on clopidogrel. Rajasthan ISACON 2021. 6th -7th February 2021. (Online)
8. Taye S, Mohammed S, Bhatia P, Kumar M, Chhabra S, Paliwal B. Effect of Ultrasonographic estimation of gastric emptying and residual volume after ingestion of two different quantities of clear fluid in Children: A double blinded randomised controlled study. Rajasthan ISACON 2021. 6th -7th February 2021. (Online)

Sessions Chaired:

1. Judge in Award paper category on Airway management. RSACPCON 2021, 6th -7th March 2021. (Online)

Invited Lectures

1. Managing postoperative pain in spine surgery. ISNACC 2021, 24th -26th Jan. 2021 (Online)
2. Anaemia complicating pregnancy PG Quest and midterm CME. ISAMIDKON 2021, 20th -21st March 2021. (Online)
3. Preoxygenation: The Oblivious Obvious. YUVAISACON 2020, 5th -6th Sep 2020. (Online)
4. 'Prone Position CPR' RSACP. Webinar by RSACP Puducherry, 16th December 2020. (Online)

Resource Faculty:

1. Perfecting Peer Review (Critique leader), International Council on Perioperative Neuroscience Training (ICPNT) Workshop. 29th January 2021. (Online)
2. USG guided Regional Anesthesia. 21st -22nd February 2021. S P Medical College, Bikaner.

Research Project:

Ongoing:

As Principal Investigator

1. Outcomes and practice pattern of first hundred high-priority elective surgical cases during COVID-19 pandemic

As Co-Investigator

1. Acute Normovolemic Hemodilution in intracranial meningiomas and large-size high grade tumor surgeries – a Prospective Randomized Controlled Study (CTRI/2020/06/025965)
2. Incidence, risk factors and outcome of cardiac involvement in COVID-19 infected patients
3. Anaesthesia for Drug Induced Sleep Endoscopy: A Retrospective descriptive study
4. Pain management practices and patient's satisfaction post-caesarean section at AIIMS Jodhpur- a prospective, observational study.

Completed:

As Principal Investigator

1. A comparison of insertion characteristics of various airway devices by nursing staff in an airway management trainer/manikin: an observational study) (CTRI/2018/08/015496)
2. Vertical Integration in Postgraduate Teaching for Anaesthesiology Residents: A questionnaire based descriptive cross-sectional study

As Co-Investigator

1. Inferior vena cava respiratory variability as a predictor of post induction hypotension: A prospective, observational study (CTRI/2018/01/011108)
2. Psychosocial impact and coping strategies of frontline health care workers (HCW) in Western Rajasthan during COVID-19 pandemic
- 3.

Scientific Awards/Patents

1. Cleared Indian Diploma in Regional Anaesthesia (IDRA) Part 2 examination. Indian College of Anaesthesiologists, 1st March 2021.

2. Full bursary to attend Euroanaesthesia Virtual Congress. World Federation of Societies of Anaesthesiologists (WFSA), 28th - 30th November 2020.

Examinership

1. Practical examiner for BSc Med Tech (OT) Annual Examination 2020. Maharaja Agrasen Medical College, Agroha, 2nd -3rd March 2021.
2. Practical examiner for BSc Med Tech (OT) Supplementary Examination 2019, Maharaja Agrasen Medical College, Agroha., 27th Nov 2020
3. Practical examiner for BSc Med Tech (OT) Supplementary Examination 2019, Pt BDS PGIMS Rohtak, 23rd Nov 2020

Membership/Post in Journal or Society or Association

1. Governing Council Member; Research Society of Anaesthesiology and Clinical Pharmacology (RSACP).
2. Secretary; Jodhpur City Branch of Research Society of Anaesthesiology and Clinical Pharmacology (RSACP)
3. Treasurer; Jodhpur City Branch of All India Difficult Airway Association (AIDAA)

National/ International Conferences attended:

1. PG Quest and midterm CME ISAMIDKON 2021. ISA Kerala, 20th -21st March 2021. (Online)
2. RSACPCON 2021. Research Society of Anaesthesiology and Clinical Pharmacology (RSACP), 6th - 7th March 2021. (Online)
3. ISNACC 2021. Indian Society of Neuroanaesthesia and Critical Care, 24th -26th Jan 2021. (Online)
4. AOA. Association of Obstetric Anaesthesiologists, 9th -10th Jan 2021. Online
5. Euroanaesthesia 2020. European Society of Anaesthesiologists, 28th -30th November 2020. (Online)
6. Koreanesthesia 2020. Korean Society of Anaesthesiologists, 5th -7th November 2020. (Online)
7. AORA 2020. Academy of Regional Anaesthesia, 3rd Oct- 1st Nov, 2020. Online
8. NAC 2020. All India Difficult Airway Association (AIDAA), 10th -11th Oct, 2020. (Online)
9. NCSI & ANCU 2020. Neurocritical Care Society of India, 2nd -4th Oct, 2020. (Online)
10. SNACC 48th Annual Meeting. Society of Neuroanaesthesia and Critical Care, 26th -27th Sep 2020. (Online)
11. IMPACT 2020 (Conference on Scientific writing & reviewing). 16th -18th Sep, 2020. (Online)
12. YUVAISACON 2020. Indian Society of Anaesthesiologists, 5th -6th Sep, 2020. (Online)

Name of Faculty: Dr. Rakesh Kumar

Designation: Associate Professor

Papers Presented:

1. Kumar R, Chhabra S, Mohammed S, Syal R, Bhatia P. Comparison of malposition of i-gel in pediatric patients after blind and C-MAC guided insertion- A Randomized controlled trial. XIth National airway conference of the All India Difficult Airway Association, 10th -11th October 2020
2. Kumar R, Chhabra S, Mohammed S. Emergency laparotomy in a patient with Paroxysmal Nocturnal Hemoglobinuria: A fatality case report. Kore Anaesthesia, 5th -7th Nov 2020

Sessions Chaired:

1. Plenary Session, XIth National airway conference of the All India Difficult Airway Association, 10th -11th October 2020

Resource Faculty:

1. USG guided Regional Anesthesia and Pain Intervention. Department of Anesthesia S P Medical College, Bikaner, 21st - 22nd February 2021
2. Workshop faculty and course coordinator in workshop on USG guided Regional Anesthesia and Pain Intervention organized by Department of Anesthesia, J L N Medical College, Ajmer, 13th -14th March 2021

Scientific Awards/Patents

1. Second best prize in paper presented "Comparison of malposition of i-gel in pediatric patients after blind and C-MAC guided insertion- A Randomized controlled trial". XIthNational airway conference of the All India Difficult Airway Association, 10th -11th Oct 2020.
2. Awarded certificate of appreciation. Indian Society of Anesthesiologist as "PPE clad COVID warrior, 27th July 2020.

National/ International Conferences attended:

1. XIthNational airway conference of the All India Difficult Airway Association, 10th -11th October
2. 1st Yuva ISACON Virtual conference, 5th -6th September 2020. (Online)

Name of Faculty: Dr. Priyanka Sethi

Designation: Associate Professor

Papers Presented:

1. Post-operative complete airway obstruction: An anesthetist nightmare". National Airway Conference of the All India Difficult Airway Association, 10th -11th October 2020

Resource Faculty:

1. 22nd Annual conference of Indian Society of Anesthesiologist, Rajasthan state chapter "ISACON Rajasthan Virtual Conference", 6th -7th February 2021. (Online)

Research Project:

Ongoing:

As Principal Investigator

1. Comparison of mid-point transverse process to pleura (MTP) block and erector spinae plane (ESP) block for post-operative pain in MRM patients: A double blinded randomized control trial.
2. Hemodynamic changes during induction in patients on combination of antihypertensive drugs, undergoing elective surgeries under general anesthesia: An observational study.
3. Comparison of Air q blocker and Baska mask in elderly patients: A prospective randomized trial.

As Co-Investigator

1. Effect of perioperative music on recovery profile in patients undergoing abdominal surgeries under general anesthesia: A randomized control trial.
2. Effect of music on anxiety scores in patients posted for surgery under regional nerve blocks: A randomized control trial.
3. High flow nasal cannula oxygen therapy in Covid 19 patients. An ambidirectional observational study.

4. Comparison of caudal dexmedetomidine and midazolam as an adjuvant to ropivacaine for post-operative pain relief in children undergoing infra-umbilical surgeries: A prospective randomized controlled trial.
5. Comparison of epidural morphine versus dexamethasone for post-operative analgesia following lumbar discectomy: A double blind randomized control study.

Completed:

As Co-Investigator

1. Comparison of intranasal dexmedetomidine – midazolam, ketamine –midazolam and dexmedetomidine –ketamine for premedication in pediatric patients: A double blinded randomized trial.
2. A study to ascertain the concentration of propofol using target-controlled infusion to achieve bispectral index guided sedation for monitored care.
3. Comparison of qCON with the Richmond Agitation Sedation Scale during dexmedetomidine induced sedation in mechanically ventilated patients.
4. Comparison of continuous erector spinae plane block and thoracic paravertebral block for postoperative analgesia in patients undergoing modified radical mastectomy: A randomized control non-inferiority trial

Scientific Awards/Patents

1. Awarded certificate of appreciation. Indian Society of Anesthesiologist as “PPE clad COVID warrior. 27th July 2020.

National/ International Conferences attended:

1. Workshop on “Operating R software”. Sci-Tech institute, Lucknow, 15th -19th February 2021. (Online)
2. Workshop on “Perioperative medicine in daily practice”. European Society of Anesthesiologist, 27th November 2020. (Online)
3. Research methodology workshop. Sci-Tech institute, Lucknow, 2nd -8th November 2020. (Online)
4. Research methodology workshop. National Neonatology Forum, July-August 2020. (Online)
5. Pune regional anesthesia course. Sanchati Hospital, Pune. 8th -9th August 2020. (Online)
6. Workshop on “Scientific writing and research ethics for medical and clinical sciences”. India Alliance, 19th September 2020. (Online)
7. Course on “Palliative care for COVID patients”. Pallium, 6th - 10th July 2020. (Online)
8. Euroanesthesia 2020 (Annual conference of European conference of anesthesiologist). 28th -30th Nov 2020 (Online).
9. Criticare 2021(Annual conference of Indian critical care society), 26th feb - 1st March 2021
10. Rsacpcon 2021 (Annual conference of research and clinical pharmacology), 6th -7th March.
11. NAC 2020 (Annual conference of difficult airway society), 10th -11th October 2020.

Name of Faculty: Dr. Kamlesh Kumari

Designation: Assistant Professor

Papers Presented:

1. Kumari K, Chaudhary K, Chhabra S, Bhatia P. ‘Psychosocial impact and coping strategies of frontline healthcare workers in Western Rajasthan during COVID-19 pandemic’. 97th Annual scientific meeting of the Korean Society of Anesthesiologists (KoreAnesthesia 2020), 05th -7th Nov 2020.

2. Kumari K, Kumar R. 'Role of melatonin in attenuation of hemodynamic response to intubation and anesthetic requirements: A randomized controlled double-blind study', XI National airway conference of the All India Difficult Airway Association, 10th -11th October 2020

Invited Lectures:

1. 'Second Generation SGA is comparable to Endotracheal Tube in Prone position'. 1st Annual national conference of YUVA ISA (1st YUVA ISACON)) conducted by the Indian Society of Anaesthesiologists, 5th -6th Sep 2020

Resource Faculty:

1. Course faculty in AHA certified BLS and ACLS courses. Department of Anesthesiology and Critical Care, AIIMS Jodhpur, Feb 2021.
2. Course faculty in ATLS Instructor course, Department of Anesthesiology and Critical Care, AIIMS Jodhpur Feb 2021.
3. Course faculty in ATLS Provider course, Department of Anesthesiology and Critical Care, AIIMS Jodhpur, March 2021
4. Resource faculty for "Training for faculty members on Intubation & Mechanical Ventilation, Department of Anesthesiology and Critical Care, AIIMS Jodhpur 15th – 21st April 2020.

Research Project:

Ongoing:

As Principal Investigator:

1. Effect of different fraction of inspired oxygen given intraoperatively on postoperative gas exchange: An Observational study.

As Co-Investigator:

1. Comparison of ultrasound guided versus conventional palpatory method of posterior tibial artery cannulation: A randomized controlled trial.
2. Pain management practices and patient's satisfaction post-caesarean section at AIIMS Jodhpur- a prospective, observational study.
3. To evaluate the efficacy and safety of erector spinae plane block for postoperative analgesia after percutaneous nephrolithotomy: A Randomized Controlled Clinical Trial.
4. To evaluate the efficacy and safety of continuous quadratus lumborum block for postoperative analgesia after laparoscopic nephrectomy– A prospective randomised clinical trial.

Completed:

As Principal Investigator:

1. Psychosocial impact and coping strategies of frontline healthcare workers in Western Rajasthan during COVID-19 pandemic.

Scientific Awards/Patents:

1. Won Third Prize for Faculty Paper Presentation entitled 'Second Generation SGA is comparable to Endotracheal Tube in Prone position'. 1st Annual national conference of YUVA ISA (1st YUVA ISACON)) conducted by the Indian Society of Anaesthesiologists, 05th – 6th Sep 2020.
2. Awarded certificate of appreciation. Indian Society of Anesthesiologist as "PPE clad COVID warrior, 27th July 2020

Membership/Post in Journal or Society or Association.

1. Lifetime Member; Association of Obstetric Anaesthesia (AOA)
2. Reviewer; Indian Journal of Anaesthesia, Indian Anaesthetic Forum.

National/ International Conferences attended:

1. Koreanesthesia 2020. Korean Society of Anaesthesiologists, 5th -7th November 2020. (Online)
2. NAC 2020. All India Difficult Airway Association (AIDAA), 10th -11th Oct 2020. (Online)
3. IMPACT 2020. Conference on Scientific writing & reviewing, 16th -18th Sep, 2020. (Online)
4. YUVAISACON 2020. Indian Society of Anaesthesiologists, 5th -6th Sep, 2020. (Online)
5. AOA 2021. Organized by Association of Obstetric, 9th -10th Jan 2021. (Online)
6. 13th annual conference of Indian association of Paediatric Anaesthesiologists. 27th - 28th March 2021. (Online)
7. ISNACC 2021. Indian Society of Neuroanaesthesia and Critical Care, 24th -26th Jan 2021. (Online)
8. Course on Palliative care for COVID patients. Pallium (10th – 14th Aug 2020). (Online)

Name of Faculty: Dr. Darshana Rathod
Designation: Assistant Professor

Papers Presented:

1. Rathod KK, Yadav T, Rathod D, Goyal S, Sinha A. "Thoracoscopic excision of ganglioneuroma in ROHHAD syndrome". 16th Annual conference of Paediatric Endoscopic Society of India. PESICON 2021, 19th-21st March 2021.
2. Vyas R, Agarwal D, Rathod D, Goyal S, "Case report on management of refractory bronchospasm under general anaesthesia". IAPA 2021. 27-28 March 2021.

Research Project:

Ongoing:

As Principal Investigator

1. Pain management practices and patient's satisfaction post- caesarean section at AIIMS Jodhpur- a prospective, observational study

As Co-Investigator

1. Comparison of oxygen delivery devices in Postoperative Patients with Hypoxemia, An Open labelled Randomised controlled trial.
2. Effect of Perioperative Music on recovery profile in patients undergoing abdominal surgeries under general anaesthesia: A Randomised controlled trial.

Scientific Awards/Patents

1. Won the full bursary for Euroanaesthesia 2021 (to be held on 17-19 Dec 2021). European Society of Anaesthesiology and critical care. The Bursary was declared during Euroanaesthesia 2020, 28th -30th Nov 2020.

Membership/Post in Journal or Society or Association

1. Member; Indian Association of Pediatric Anaesthesiologists (IAPA)
2. Reviewer; Indian Anaesthetists' Forum

National/ International Conferences attended:

1. CRITICARE 2021 with ECHO & USG workshop. ISCCM. 25th -28th Feb 2021. (Online)
2. Webinar Debate on Brain Monitoring. European society of Anaesthesiology and Intensive Care. 16th February 2021. (Online)
3. Shoulder pain management Webinar 2021. Mumbai pain school in association with Leicester pain school. Jan 2021. (Online)
4. IAPA 2021 webcon. Indian Association of Pediatric Anesthesiologists. 27th-28th March 2021. (Online)
5. Guest lecture on Perioperative consideration in patient with pacemaker in situ, and tips & tricks in TEE. Department of Anesthesia and Critical Care AIIMS, Jodhpur, 28th February 2021.
6. Virtual Guest Lectures in Neuroanaesthesiology and Critical Care. Anaesthesia for Awake Craniotomies by Dr Deepak Sharma, University of Washington, Seattle WA, 14th March 2021. (Online)
7. Virtual Guest Lectures on Challenges and Preparedness in Interventional Neuroradiology Suite, Dr David Wright University of Washington, Seattle WA. 28th March 2021. (Online)

Name of Faculty: Dr. Tanvi Meshram

Designation: Assistant Professor

Research Project:

Ongoing:

As Co-Investigator

1. Comparison of oxygen delivery devices in Postoperative Patients with Hypoxemia: an Open labelled Randomised controlled trial.

Scientific Awards/Patents

1. Awarded 'Instructor Potential' during American Heart Association (AHA) certified BLS and ACLS Provider course at AIIMS Jodhpur, February 2021

Membership/Post in Journal or Society or Association

1. Member; European society of intensive care medicine (ESICM)
2. Member; Indian society of critical care medicine (ISCCM)
3. Reviewer; Indian Anaesthetists' Forum.
4. Reviewer; Journal of Anesthesiology clinical pharmacology

National/ International Conferences attended:

1. Criticare 2021. ISCCM virtual conference, 26th -28th Feb 2021.
2. AILBS 2nd International Hybrid Conference and LTSI Mid-Term Meeting, Fortis Hospital Gurgaon, 18th -20th March 2021.
3. RSACPCON 2021. Annual conference of Research and clinical Pharmacology, 6th -7th March 2021.

Name of Faculty: Dr. Ankur Sharma

Designation: Associate Professor (Trauma & Emergency)

Department of Anatomy

S.No.	Name	Designation
1.	Dr. Surajit Ghatak	Professor and Head
2.	Dr. Shilpi Gupta Dixit	Professor
3.	Dr. Renu Gupta	Additional Professor
4.	Dr. Dushyant Agrawal	Additional Professor
5.	Dr. Ashish Kumar Nayyar	Additional Professor
6.	Dr. PushpaPotaliya	Associate Professor
7.	Dr. SonaliAdole	Associate Professor
8.	Dr. Hare Krishna	Assistant Professor

About the Department

The Department of Anatomy completed 8 years of excellency and has shown steady progress in all aspects including teaching and research programmes. The diverse proficiency of our faculty members and our active research laboratories represent the foundation of our undergraduate and postgraduate programme. The department seeks to explore teaching-learning through group activities, seminars, internet based learning tools, virtual dissection table, small group teaching, problem based learning and well-paced assessments. PG activities involves seminars, journal club and microteaching on regular basis. The second batch of M. D. Anatomy passed in December 2020 with 100% pass result.

The department has a Surgical Cadaver Skill Lab which was conceived with an objective to provide for a full range of motor skills development especially in the areas of surgical skills training for all specialties. The Cadaver skill lab will provide 'near life-like' fresh cadavers where future surgeons get to do surgical procedures under supervision of senior mentors who teach and correct and help develop confidence to conduct the same procedure on a patient.

The state-of-art museum upholds a collection entailing a wide range of specimen, carefully crafted, embryology model and models of neuroanatomy prepared by students.

In-house collection of bones is created by a new bone retrieval technique.

The department is regularly involved in community awareness programme for the body donation and received 9 voluntary donated bodies and 8 volunteers have registered for voluntary body donation in the period of April 2020-March 2021.

Research Activities -

Faculty and residents are pursuing their research interests in fields including

- Anatomical Variations and current trends
- Surgical and Clinical Anatomy
- Cytogenetics
- Immunofluorescence and Immunohistochemistry
- Anthropological Surveys
- Plastination

- Various techniques of embalming
- Medical education
- Aluminium toxicity on Rat

Future plans

The department is determined to develop following facilities:

- Prenatal, Neonatal & Paediatric Anatomy museum
- Ultrasonography
- Tissue culture lab
- Molecular diagnostic lab
- Transmission electron microscope lab

Facilities at the Department

1. **Dissection Hall:** Well-equipped dissection hall with Cold storage facility occupying 12 cadavers maintained at -2°C. It is fully air-conditioned with virtual dissection display which are regularly used. There are five storage tanks to accommodate 50 human cadavers. There is Electric band saw facility for the sectioning. For cadaveric preservation, Phenoxylethanol is used which has added advantage as it is a non-toxic, non-carcinogenic and non-irritant as compared to formaldehyde.
2. **Histology Lab:** More than 4,000 H & E and 25 special stained histology slides prepared in-house. There is a demonstration microscope with camera for image capture with 50-inch LCD TV for projection. The lab is also equipped with automated paraffin embedding unit, freezing microtome etc. An inverted microscope and a high end binocular microscope is also there for research work.
3. **Museum:** 103 prosected and potted specimens of gross anatomy and 53 Bone sets are in the Bone Bank. It has a Histology, digital x-ray and cross-sectional anatomy wall mounted gallery and has 73 models of developmental anatomy.
4. **Demonstration room:** Two demonstration room with Audio-Visual facilities are there, with one having a Digital Visualiser for teaching-learning.
5. **Seminar Room cum Departmental Library:** The department library has adequate number of books for the study references.
6. **Research Lab:** It has central facilities related to cytogenetics work. The department has diagnostic facility to detect bladder carcinoma and BCR/ABL-1 translocation (9:22) for CML through FISH technique. The karyotyping and FISH are also done.
7. **Burial Ground:** It is located near Mortuary. Burial followed by exhumation is done for bone retrieval.
8. **Surgical Cadaver Skill Lab:** It is located adjacent to the Mortuary of the Institute.

Compiled list of Publications of the department:

Papers

Pubmed Indexed:

1. Sharma S, Dixit SG, Khera PS, Nayyar AK, Ghatak S. Morphometric evaluation of Anterior Cerebral Artery (on Digital Subtraction Angiography)-Potential implications. *Morphologie* 2020 May;104(345):109-116
2. Mishra S, Ghatak S, Agrawal D, Singh P, Garg PK. Estimation of Fetal Weight: An Ultrasonography Study in Indian Population. *Mymensingh Med J* 2020; Jan; 29; (1):215-221
3. Mishra S, Ghatak S, Agrawal D, Singh P, Garg PK. Transverse Cerebellar Diameter: A Reliable Predictor of Gestational Age. *African Health Sciences* 2020; Vol 20 Issue 4; 1927-1932

4. Potaliya P, Ghatak S. Enhancing student centered active-learning by "Flipped Classrooms" in a histology module. *Mymensingh Med J.* 2020 Jul; 29(3):684-690
5. Chhabra S, Mohammed S, Bhatia P, Ghatak S, Paliwal B, Soni P. Vertical integration in postgraduate teaching for anaesthesiology residents: A questionnaire based descriptive cross-sectional study. *Med J Armed Forces India.* 2021 Feb; 77(Suppl 1):S220-S226.
6. Swami A, Yadav T, Varshney VK, Sreenath KS, Dixit SG. Hepatic Arterial Variations and Its Implication During Pancreatic Cancer Surgeries. *J Gastrointest Cancer* 2021 Feb 22
7. Shedge R, Kanchan T, Warriar V, Dixit SG, Krishan K. Forensic age estimation using conventional radiography of the medial clavicular epiphysis: A systematic review. *Medical Science and Law.*2021:1-9.
8. Dixit SG, Nayyar AK, Ghatak S, Misra S. Body Donation" in Covid-19 Era- An Ethical Dilemma. *IJME* 2020. Accepted.
9. Suyashi, Dixit SG, Khera PS, Nayyar AK, Ghatak S. Morphometric Analysis Of parameters of Internal Carotid Artery - Potential Clinical Implications. *Neurol Ind.* 2020. Accepted.
10. Shedge R, Kanchan T, Garg PK, Dixit SG, et al. Computed tomographic analysis of medial clavicular epiphyseal fusion for age estimation in Indian population [published online ahead of print, 2020 Jun 10]. *Leg Med (Tokyo).* 2020;46:101735
11. Gupta R, Nayyar AK, Bhagat OL. Stature Estimation from Measurements of Inferior Extremity in Different Stature Groups of Western Indian Population. *Mymensingh Med J* 2020 Oct; 29 (4): 969-976
12. Gupta R, Nayyar AK, Bhagat OL. Estimation of Stature from Measurements of Superior Extremity in Western India. *Mymensingh Med J* 2020 Jul; 29 (3): 709-719.

Non-Pubmed Indexed:

1. Ghatak S, Potaliya P, Bhattacharya S. Immunohistochemical Study of C-cells Morphology, Distribution, and Localization in the Thyroid Gland: A Pilot Study in Cadaveric Tissue. *Int J Cadaver Stud Ant Var.* 2020; 1(1):11-9
2. Ghatak S, Potaliya P. Addressing shortage of health care workers during covid-19 pandemic: a perspective. *Int J Sc Res.* 2020; 9(8): 62-3
3. Ghatak S, Adole S, Deka D, Faizal M. Third head of biceps femoris muscle-A case report. *IntSurg J journal* 2021; 8(4):1343-1346.
4. Potaliya P, Ghatak S. New trends in Medical education during and post COVID-19 pandemic. *Eur J Med Hlth Sci.* 2020; 2(3):1-4
5. Potaliya P, Choudhary A, Ghatak S. Isthmus agenesis with variant topography of levatorglandulaethyroideae: A case report. *Int J Med Res Rev.* 2020; 8(3):273-6
6. Choudhary A, Potaliya P, Ghatak S. A strangulated indirect inguinal hernia in the scrotal sac having small intestine loops: a case report. *Eur J Biomed Pharma Sci.* 2020; 7(7):579-81
7. Mishra S, Ghatak S, Agrawal D, Singh P, Garg P K. Transverse cerebellar diameter: a reliable predictor of gestational age. *Afr Health Sci.* 2020 Dec; 20(4):1927-1932
8. Agrawal I, Sharma N, Saxena S, Arvind S, Chakraborty D, Chakraborty DB, Jha D, Ghatak S, Epari S, Gupta T, Jha S. Dopamine Induces Functional Extracellular Traps in Microglia, *iScience, Cell Press,* 16 December 2020
9. Suyashi, Dixit SG, Khera PS, Garg P, Nayyar AK, Ghatak S. Moyamoya Disease in 29 year old Female of Indian Origin: A Case Report. *J AnatSoc Ind.* 2020. Accepted
10. Gupta R, Nayyar AK, Ghatak S. Clinical measurement of intermalleolar distance in Western Indian population. *Int J Res Med Sci* 2021; 9:494-7

Name of Faculty: Dr. Surajit Ghatak
Designation: Professor and Head

Books/Chapters:

1. Foreword for Keith L. More, T.V.N. Persaud, Mark G. Torchia. Before We are Born: Essentials of Embryology and Birth Defects. Elsevier India. Tenth Edition South Asia Edition. ISBN: 9788131262931

Sessions Chaired:

1. Chaired a session in CME themed "Contemporary and Evolving Perspectives in Anatomy Learning" on 21st February on 21 February 2021, during International Virtual Anatomy Conference, organized by the Anatomical Society, King George's Medical University UP Lucknow.

Research Project:

Ongoing:

As Co-Investigator

1. In-vitro evaluation for pro-healing modifications of endothelial cells by ProsopisCinereria, a locally available conventional promoter of wound healing. Intramural Project. Funded by AIIMS Jodhpur.
2. Development of an AI platform to improve human health. Extramural project with IIT Jodhpur. Funded by Ministry of Electronics and Information Technology (MeitY), Government of India.

Completed:

As Co- Investigator

1. Expression analysis of inflammasome-forming NLRs in gliomas for identification of novel therapeutic interventions. Funded by Department of Bio-Technology, Government of India. Extramural project with IIT Jodhpur.

Examinership:

1. MD (Anatomy). AIIMS Jodhpur, 16th-17th December 2020
2. 1st MBBS Main Examination. AIIMS Rishikesh, 15th- 18thFebruary 2021.
3. 1st MBBS Main Examination. ABVIMS and Dr. RML Hospital, New Delhi, 03rd - 06th March 2021.
4. Subject Expert for Faculty Selection/Promotion Board. Dr. RML Institute of Medical Sciences, Lucknow, 20th July 2020.
5. Subject Expert for Faculty Selection. KGMU, Lucknow, 16thMarch 2021.

Membership/Post in Journal or Society or Association:

1. Fellow; Royal Society of Biology, United Kingdom
2. Associate Editor; African Journal of Biology and Medical Research.
3. Member; Australia and New Zealand Association of Clinical Anatomists.

National/ International Conferences attended:

1. Engaging with Parliament: House of Commons Science and Technology Committee. Royal Society of Biology, UK, 24th February 2021. (Online)

2. Your Body Your Consent Lecture and Workshop. Royal Society of Biology Bedfordshire, Essex and Hertfordshire, UK, 8th October 2020. (Online)
3. West Midlands: 2020 Charter Lecture and Q&A on the transmission dynamics of COVID-19 in the UK, Royal Society of Biology, UK, 7th October 2020. (Online)
4. Healthy Ageing - A lifespan perspective. Royal Society of Biology, UK. 5th October 2020. (Online)
5. Discovery research in the era of COVID-19. Royal Society of Biology, UK. 12th August 2020. (Online)

Name of Faculty: Dr. Shilpi Gupta Dixit

Designation: Professor

Research Project:

Ongoing:

As Principal Investigator

1. HER 2 Neu Proto-Oncogene Fluorescent in Situ Hybridization Screening in Cytological Preparations of Gastrointestinal Tract Cancer

As Co-Investigator

1. Deep-Tech Biodesign Centre: A Multi-disciplinary centre to train, nurture and transform clinicians and engineers into the Deep-Tech innovators in the field of Medical/Health Technology in collaboration with IIT Jodhpur. Extramural Grant by DBT
2. Satellite Centre for Tribal Health and Research (STHR) Sirohi, Rajasthan. Grant from Ministry of Tribal Affairs-MoTA
3. Assessment of Use of Protection Box for intubation/extubation during COVID-19 pandemic.
4. Assessment of Use of Protection Box for Tracheostomy during COVID-19 pandemic.
5. Micro-RNA Profiling in Plasma and its correlation with tumor tissue and clinic-pathological parameters in periampullary carcinoma (Intra-Mural Grant; AIIMS, Jodhpur)
6. Digital Eye Strain (DES) online survey before and after COVID-19 Pandemic era in medical students and Faculty.
7. Improving Quality of Medical Education through evaluation of multiple thematic opportunities in instructional methods and Assessment created during COVID-19 Pandemic
8. Online Microteaching Comparison of two methods for Faculty Teaching Skills during COVID-19 and Post COVID-19
9. Faculty's readiness and perception towards online teaching platform during COVID-19
10. Sex estimation from dental pulp cytology: A time-based study.
11. Establishment of National Inherited Disorder Administration (NIDAN) Kendra at AIIMS Jodhpur Rajasthan. Extramural Grant by DBT
12. Stimulating Medical Students interest in Medical Genetics: Randomized Controlled trial of an Innovative Educational Intervention. Extramural Grant by ICMR

Scientific Awards/Patents:

1. Fellow; Royal Society of Biology, UK, 2020
2. Winner; Indo Sweden Health Care Innovation challenge, 2020

Examinership:

1. MD (Anatomy). AIIMS Jodhpur, 16th-17th December 2020

2. MBBS, AIIMS Rishikesh, July 2020
3. MBBS, SN Medical College, Jodhpur, 15th-17th March 2021, 18th March 2021
4. MBBS, Government Medical College, Pali, 23rd-25th March 2021
5. MSc, SN Medical College, Jodhpur, 9th Nov 2020
6. Thesis Evaluator—AIIMS Delhi, October 2020

Membership/Post in Journal or Society or Association:

1. Full Member; Anatomical Society (Great Britain and Ireland)
2. Member; American Association of Anatomists
3. IPR Activity Coordinator; Institute Innovation Council (Ministry of HRD)

National/ International Conferences attended:

1. Virtual National Conference on “Traditional Medicine - Challenges & Opportunities – 19th- 20th March, 2021 (Member, Scientific Committee). (Online)
2. Faculty Sensitization Program for AIIMS Rajkot, 29th-30th Jan 2021.
3. Online Training Course on Gender Based Violence and Human Rights for promoting Women Health. 15th-1st March 2021. (NIHFW). (Online)
4. Annual e- Conference of the Australian and New Zealand Association of Clinical Anatomists-2020, hosted by University of Otago, Dunedin, New Zealand, 4th December 2020. (Online)
5. Good Clinical Practices (GCP) from NIDA Clinical Trials Network, May 2020.

Name of Faculty: Dr. Renu Gupta

Designation: Additional Professor

Research Project:

Ongoing:

As Principal Investigator

1. Morphometry of Anterior Cruciate Ligament in Knee Joint- A Cadaveric Study. Non-funded
2. Relation of Radial Nerve to superficial bony landmarks – A cadaveric study

As Co-Investigator

1. Prevalence of Numerical Chromosomal Aberrations in Acute Lymphoblastic Leukemia in Western Rajasthan Population: Pilot Study

Examinership

1. External examiner for MBBS batch 2019. AIIMS Rishikesh.
2. Internal examiner for BSc. Nursing batch 2019 -2020

Name of Faculty: Dr. Dushyant Agrawal

Designation: Additional Professor

Sessions Chaired:

1. Gross Anatomy. International Virtual Anatomy Conference, King George's Medical University, Lucknow, 20th-22nd February 2021. (Online)

Research Project:**Ongoing:****As Co-Investigator**

1. Detection of 22q11.2DS in neonates suspected to have hearing loss detected during neonatal hearing screening – A Pilot Study. Intramural project, AIIMS, Jodhpur
2. Morphometry of Anterior Cruciate Ligament in Knee Joint- A Cadaveric Study. Intramural project, AIIMS, Jodhpur
3. Stimulating Medical Students interest in Medical Genetics: Randomized Controlled trial of an Innovative Educational Intervention, funded by ICMR, Delhi, AIIMS, Jodhpur
4. Vascular basis of expandable forearm muscles for proximal and distal based muscle flaps. Intramural Project, AIIMS, Jodhpur
5. Prevalence of numerical chromosomal aberrations in acute lymphoblastic leukemia in western Rajasthan population- Pilot Study, AIIMS, Jodhpur

Patent

1. Embalming Fluid Infusion Flow Regulator, Design patent; The Patent office, Government of India, 2nd March 2021

Examinership:

1. BDS, Vyas Dental College & Hospital, Jodhpur, 25th August 2020
2. MD (Anatomy), All India Institute of Medical Sciences, Rishikesh, December 2020
3. MBBS, Era's Lucknow Medical College & Hospital, Lucknow, 2nd-4th February 2021
4. BDS, Vyas Dental College & Hospital, Jodhpur, 17th-18th March 2021

Membership/Post in Journal or Society or Association:

1. Executive Committee Member; UP Chapter of Anatomical Society of India
2. Membership; Royal Society of Biology, UK

National/ International Conferences attended:

1. 1st Virtual Meeting – BACA Beat 1. British Association of Clinical Anatomists, UK, 8th July 2020. (Online)
2. E-CME on “Digital Media Illustration in Anatomy for Anatomists”. Vinayaka Mission's Kirupananda Variyar Medical College & Hospital, Salem, 29th August 2020. (Online)
3. International Conference on Data Science in Biology (ICDSB) 2020. Indian Institute of Technology Jodhpur & Institute of Bioinformatics (IOB), Bangalore, India. 3rd-5th & 8th September 2020
4. IMPACT 2020- an online conference & workshop on scientific writing & reviewing. Medical Journal Armed Forces, India at Armed Forces Medical College, Pune, 16th-18th September 2020. (Online)
5. 13th National Webinar on “Adobe Illustrator- A Drawing software for Medical teachers to create learning resources”. Department of Medical education, National Teacher Training Centre, JIPMER, Puducherry, 1st October 2020. (Online)
6. Live Masterclass on Patent Drafting. Turnip Innovations Pvt. Ltd., Mumbai, 28th November 2020. (Online)
7. Annual e- Conference of the Australian and New Zealand Association of Clinical Anatomists-2020. University of Otago, Dunedin, New Zealand, 4th December 2020. (Online)
8. International Virtual Anatomy Conference. Anatomical Society, King George's Medical University, Lucknow, 20th-22nd February 2021. (Online)

Name of Faculty: Dr. Ashish Kumar Nayyar
Designation: Additional Professor

Research Project:

Ongoing:

As Co-investigator

1. Morphometry of Anterior Cruciate Ligament in Knee Joint- A Cadaveric Study.
2. Relation of Radial Nerve to superficial bony landmarks – A cadaveric study

Completed:

As Principal Investigator

1. Plastination of Human Cadaveric Specimens Using Polymers, Intramural Project

Examinership:

1. External Examiner practical examination BPT part-1.Dr S N Medical College & Hospital, Jodhpur, 6th July 2020.
2. External Examiner practical examination MBBS 1st Prof (supplementary).Dr S N Medical College & Hospital, Jodhpur, 9th November 2020.
3. External examiner for the written, Clinical/Practical and Viva-Voce Examinations for First MBBS Professional (Anatomy) Examination. Maulana Azad Medical College, Delhi, 29th Feb – 3rd March 2021.
4. External Examiner, practical examination MBBS 1st Prof (Main& supplementary). RUHS College of Medical Sciences, Jaipur, 24th – 26th March 2021.

Membership/Post in Journal or Society or Association:

1. Member; Anatomical Society UK.

National/ International Conferences attended:

1. 1st Virtual Meeting – BACA Beat 1. British Association of Clinical Anatomists, UK, 8th July 2020.(Online)
2. Annual e- Conference of the Australian and New Zealand Association of Clinical Anatomists-2020. University of Otago, Dunedin, New Zealand. 4th December 2020.(Online)

Name of Faculty: Dr. Pushpa Potaliya
Designation: Associate Professor

Research Project:

Ongoing:

As Co-investigator

1. HER 2 neu proto-oncogene Fluorescent in Situ Hybridization screening in cytological preparations Gastrointestinal tract cancer.

Examinership:

1. BPT, SLNG Institute of Physiotherapy, Jodhpur, 22nd March 2020
2. BPT, KC Memorial College of Physiotherapy, Jodhpur, 9th March 2020

Membership/Post in Journal or Society or Association:

1. Member; Royal College of Biology, London, U.K.
2. Annual Member; American Association of Anatomists
3. Member; Indian Society of Human Genetics
4. Editorial Board Member; Indian Journal of Clinical Anatomy and Physiology

National/ International Conferences attended:

1. Introduction to stereoinvestigator. MBF BioSciences, 25th March 2021. (Online)
2. Bodies Matters: Disability Theory and Concepts in Anatomy Content. American Association of Anatomists, 17th March 2021. (Online)
3. Integration of information technology and communication in online medical education- national and international perspectives. Sri BalajiVidyapeeth(SBV) University, Pondicherry, 15th July 2020. (Online)
4. Focused Group discussion on Skills lab.MEUIndia, 9th-10th May 2020. (Online)

Workshop attended

1. Training program on Karyotyping. IVACON2021, KGMU, Lucknow, 22nd February 2021. (Online)
2. How to use Neurolucida 360 to annotate microscopy image data with curated vocabularies. MBF Bioscience, 23rd February 2021. (Online)

Name of Faculty: Dr. Sonali Adole

Designation: Associate Professor

Research Project:

Ongoing:

As Principal Investigator

1. Anatomical variation in level of bifurcation of sciatic nerve and its clinical implications
2. Cadaveric study: Anatomic morphological variant of calcaneofibular ligament of ankle joint

As Co-Investigator

1. Lateral extension of acromion: A morphological study of cadaveric scapulae

Examinership:

1. MBBS, Dr S N Medical College & Hospital, Jodhpur, 17th -19th April 2021

Membership/Post in Journal or Society or Association:

1. Life member; Anatomical Society of India.
2. Life member; Society of Clinical Anatomist
3. Annual member; American Association for Anatomy

National/ International Conferences/Workshop attended:

1. Assessment using online platform during COVID-19 pandemic Webinar series 'Online Learning and Assessment'. Department of Medical Education Unit, People's college of medical sciences & research centre, 19th June 2020.(Online)

2. CME on "Statistics in Health Research". School of Public Health, AIIMS Jodhpur, 29th June 2020.(Online)
3. International eConference - 2020 Genomics to Mankind-Integrating Genetic Education, Counseling and Public Health, BGC-India 5th Annual conference. Board of Genetic Counselling India, 2nd – 4th July 2020. (Online)
4. A Virtual CME Brainstem - An Integrated Approach to Clinical Syndromes". Department of Anatomy Aarupadaiveedu Medical College and Hospital, Puducherry 6th – 9th July 2020. (Online)
5. An approach to understanding anatomy of special sensory organs with Complete Anatomy 3D 4 Medical Clinical Solutions Elsevier, 30thJuly 2020. (Online)
6. "Online Teaching in Medical Education – An Opportunity or a Distraction" Webinar. NTTC JIPMER Puducherry. 13thJuly 2020. (Online)
7. Competency Based Medical Education (Anatomy) A workshop. MEU India, August 2020 to November 2020. (Online)
8. Design and Implementation of Curricular Elements in Medical Education webinar series.
9. Vinayaka Mission's KirupanandaVariyar Medical College & Hospitals, Salem, Tamil Nadu, 10th August 2020. (Online)
10. Anatomical Land Mark & its Role In Human Identification online webinar. School of Virtual Forensics, 14th -15thAugust 2020. (Online)
11. Essentials of Medical Writing, Webinar series. Indian association of medical journal editors, 21st August 2020. (Online)
12. Digital Medical Illustration in Anatomy for Anatomists" e-CME. Department of Anatomy, Vinayaka Mission's KirupanandaVariyar Medical College & Hospitals, Salem, 29thAugust 2020.(Online)
13. Body Donation Embalming And Cadaveric Dissection: Perspective In COVID Era a webinar. Department of anatomy MMIMSR, MMDU, Ambala Haryana, 31stAugust 2020. (Online)
14. 5 Day Technical Hands-on Certificate Workshop in Insilico Molecular biology & Genetic Engineering A online workshop, BDG Lifesciences 16th-20th September 2020. (Online)
15. International e- Conference "Emerging Trends in Research - Emphasis on Basic Medical Sciences".Departments of Basic Medical Sciences AVMC&H, Puducherry 17th – 19thSeptember 2020.(Online)
16. Online Workshop on Scientific Writing and Research Ethics for Medical and Clinical Sciences'. DBT Wellcome Trust India Alliance, 19thSeptember 2020. (Online)
17. A National Level Online workshop Creation of Digital & Educational Posters organised by Sri Siddhartha College Of Education, Tumkur, 20thSeptember 2020. (Online)
18. Ten Maxims of Formative Assessment A National Webinar on Medical Education. NTTC JIPMER, Pondicherry,24thSeptember 2020. (Online)
19. Three Days National Level Online Workshop Research Methods and Data Analytical Techniques Using SPSS. Department of Statistics and Unnat Bharat Abhiyan Team, 24th - 26th September, 2020.(Online)
20. Can the Dead Help in Making Better Doctors? An Anatomy Webinar Series "Best Practices in Anatomy Education." Department of Anatomy, Kasturba Medical College Manipal, MAHE,10thOctober 2020. (Online)
21. Analyzing qPCR Data A CurrentProtocols Webinars.Thermo Fisher Connect, 20th October 2020. (Online)
22. Questions Paper Designing Course online course organised by MEU India. December 2020 - January 2021.(Online)

Name of Faculty: Dr. Hare Krishna
Designation: Assistant Professor

Books/Chapters:

1. Krishna H., Sesham K. Integumental System. In: Encyclopedia of Animal Cognition and Behavior, Vonk J., Shackelford T. (editors) Switzerland, Springer, Cham 2021
2. Sesham K., Krishna H. Linkage Analysis. In: Encyclopedia of Animal Cognition and Behavior, Vonk J., Shackelford T. (editors) Switzerland, Springer, Cham 2021
3. Krishna H., Sesham K. Reproductive System. In: Encyclopedia of Animal Cognition and Behavior, Vonk J., Shackelford T. (editors) Switzerland, Springer, Cham 2020.

Research Project:

Ongoing:

As Principal investigator

1. Impact of aluminium exposure at different time duration on genito-urinary, digestive and musculoskeletal system in the Wistar rat.
2. Assessment of morphological variations of caudate and quadrate lobes of human liver and its clinical significance

As Co-investigator

1. Anatomy of anterolateral ligament of the human knee
2. Anatomical variation in level of bifurcation of sciatic nerve and its clinical implications

Membership/Post in Journal or Society or Association:

1. Member; Society of Clinical Anatomists
2. Member; Anatomical Society of India
3. Editorial Reviewer; Journal of Clinical and Diagnostic Research

National/ International Conferences attended:

1. 5th Annual International e-Conference "Genomics to Mankind-Integrating Genetic Education, Counseling and Public Health". Board of Genetic Counseling – India. 2nd - 4th July 2020. (Online)
2. International e-Conference 2020 "BMS e-CON". Departments of Anatomy, Biochemistry, Physiology and Center for Biomedical Research, AVMC, Puducherry, 17th -19th September 2020.(Online)

Online Workshop/CME/Webinar attended:

1. Online Workshop on "Research Methods and Data Analytical Techniques using SPSS". Department of Statistics and Unnat Bharat Abhiyan Team, Pune, 24th - 26th September 2020. (Online)
2. Online course of study for "Competency Based Medical Education (Anatomy)". MEU India, August 2020 - November 2020.(Online)
3. e-CME on "Digital Medical Illustration in Anatomy for Anatomists". Vinayaka Mission's Kirupananda Variyar Medical College & Hospitals, Salem, 29th August 2020.(Online)
4. Virtual CME on "Brainstem - An Integrated Approach to Clinical Syndromes". Department of Anatomy AVMC, Puducherry, 9th July 2020.(Online)

5. Webinar on “Leveraging Technology for Anatomy Education “National Level Online Faculty Development Programme. Department of Anatomy, Yenepoya Medical College, 16th July 2020.(Online)
6. Webinar on “Body Donation, Embalming & Cadaveric Dissection: Perspectives in Covid Era”. Department Of Anatomy, MMIMSR, MMDU, Mullana, Ambala, Haryana ,31th August 2020.(Online)
7. Webinar on “Promises and Perils of Online Learning in Indian setting: Three Dimensional viewpoint”. Alumini Association, MGMCRI, Puducherry, 11th September 2020.(Online)
8. 13th National Webinar on “Adobe Illustrator- A Drawing Software for Medical Teachers to Create Learning Resources”. Department of Medical Education, JIPMER, Puducherry, 01st October 2020.(Online)

Department of Biochemistry

S.No.	Name	Designation
1	Dr. Praveen Sharma	Professor
2	Dr. Mithu Banerjee	Additional Professor & Head
3	Dr. PurviPurohit	Additional Professor
4	Dr. Dharmveer Yadav	Associate Professor
5	Dr. Shailja Sharma	Associate Professor
6	Dr. ShrimanjanathSankanagoudar	Associate Professor
7	Dr. Prasenjit Mitra	Assistant Professor
8	Dr. MaithaliKarpagaSelvi N.	Assistant Professor
9	Dr. Kamla Kant Shukla	Associate Professor (Trauma & Emergency)

About the Department:

Department of Biochemistry started with the instituting of AIIMS Jodhpur by the Ministry of Health & Family Welfare, Government of India under Pradhan MantriSwasthya Suraksha Yojna (PMSSY) in September 2012. The Department has been involved in undergraduate and post-graduate medical teaching, research and patient care services by providing advanced and routine biochemical analyses for diagnosis and prognosis. Currently there are 9 faculty members, 8 Senior Resident, 5 Academic Junior Residents, 2 non-academic junior residents and 27 non-teaching laboratory technical staff.

The Department is actively involved in undergraduate (MBBS and Nursing) teaching. We use latest and innovative techniques for teaching of future doctors. Our lectures are interactive and include audio visual presentations and group discussions during tutorials. New methods of teaching like small group discussions, early clinical exposure, problem-based learning and case discussion etc, were introduced as per NMC norms for undergraduate MBBS students to strengthen the concepts of self-learning and lifelong learning. During the COVID-19 pandemic, UG teaching continued in the form of online-lectures and case discussions.

The Department has an actively running post graduate MD Biochemistry, MSc Biochemistry, PhD and joint PhD program of AIIMS Jodhpur and IIT Jodhpur. There are five MD students, out of which three joined in Jan 2020-2021. Currently one MSc and 7 registered Ph.D candidates are working in the Department. The PG and Phd training program include academic activities such as seminars, clinical case discussion and journal club presentations to keep them updated with latest research and advances in technology. Clinical rotational postings were introduced for PGs in various sister laboratory departments so as to gain clinical exposure and correlation with clinical biochemistry. PGs are trained to gain expertise in various laboratory techniques including clinical chemistry, chemiluminescence, electrolyte analyzers, HPLC, PCR, RT-PCR, ddPCR, gel electrophoresis, immunodiffusion, chromatography, AAS etc. During COVID19 pandemic departmental academic activities were adapted to an online mode to maintain a COVID appropriate behavior for safety of everyone.

The Biochemistry Laboratory at AIIMS Jodhpur is functional 24 hours since March 2015 and is efficiently providing services to the hospital patients. Laboratory is part of an external quality assessment system of Biorad. Excellent quality assurance is ensured by regular monitoring of Internal quality control (IQC) and External quality assessment (EQAS). Biochemistry IPD laboratory is equipped with Fully Automated clinical chemistry analyzer (Beckman and Coulter AU series), Chemiluminescence analyzers (AdviaCentaur&Diasorin), electrolyte analyzers and Hb Variant. The investigations performed include

routine metabolic profile, electrolytes and special investigations (tumor markers, vitamins and hormone profile). New investigations introduced are Pro-BNP and drain fluid amylase, therapeutic drug monitoring (Carbamazepine, phenytoin and valproic acid), HbA1c by HPLC method. Serum IL-6 was introduced for management of COVID19 patients. Laboratory is also maintaining a repository of COVID 19 serum samples stored at -80°C. Molecular Diagnostics lab equipped with PCR, RT-PCR, flow cytometer, HPLC, Atomic absorption spectrophotometer, ELISA reader, Microplate reader, gel electrophoresis and ddPCR caters to screening inborn error of metabolism, heavy metal toxicity and mutation detection and also research projects of institutional faculty members, PGs and PhD students.

The Department has research facilities in field of genetics, immunology, clinical chemistry, hormones, metal toxicity etc. It is also recognized Lead Referral Centre by Indian Society for Lead Awareness and Research. Department is actively involved in research as evidenced by one extramural project as Principal investigator and 5 extramural projects as co-principal investigator, more than 28 ongoing intramural projects, in collaboration with other Departments. There are more than 10 completed intramural projects and 9 ICMR STS projects so far. The research output of department has been tremendous, with publication of more than 70 peer-reviewed articles in journal of national and international repute.

The faculty at Department of Biochemistry is committed for advancement in diagnostic services and research activities. Department has advanced in the direction for research related to molecular studies based on projects of DNA, DNA methylation, mRNA, miRNA expression using PCR and RT-PCR, diagnosis of inborn errors of amino acid metabolism using HPLC and heavy metals using AAS. Department is in process of procuring & constituting state of the art labs for advanced molecular research in the field of genomics and proteomics. The department also plans to establish advanced research in heavy metals & trace elements analysis by establishing ICP-MS facility.

Compiled list of Publications of the department:

Pubmed Indexed:

1. Abhilasha, Mitra P, Suri S., Saxena I, Shukla RKG., Shukla KK, Sharma P. Downregulation of interleukin-10 receptor (IL-10R) along with low serum IL-10 levels in newly diagnosed type 2 diabetes mellitus patients. *Gene Reports*. 24, September 2021, 101251.
2. Charan J, Dutta S, Kaur R, Bhardwaj P, Sharma P, Ambwani S, Jahan I, Abubakar AR, Islam S, Hardcastle TC, Rahman NAA, Lugova H, Haque M. Tocilizumab in COVID-19: a study of adverse drug events reported in the WHO database. *Expert Opin Drug Saf*. 2021 Jun 24;doi: 10.1080/14740338.2021.1946513. [Epub ahead of print] PubMed PMID: 34162299.
3. Suri S, Mitra P, Bankul A, Saxena I, Garg MK, Bohra GK, Sharma P. Altered expression of specific antioxidant (SOD1 and SOD2) and DNA repair (XRCC1 and OGG1) genes in patients with newly diagnosed type-2 diabetes mellitus. *Minerva Endocrinol (Torino)*. 2021 Jun 23;doi: 10.23736/S2724-6507.21.03417-5. [Epub ahead of print] PubMed PMID: 34160187.
4. Khokhar M, Roy D, Bajpai NK, Bohra GK, Yadav D, Sharma P, Purohit P. Metformin mediates MicroRNA-21 regulated circulating matrix metalloproteinase-9 in diabetic nephropathy: an in-silico and clinical study. *Arch PhysiolBiochem*. 2021 Jun 4;:1-11. doi: 10.1080/13813455.2021.1922457. [Epub ahead of print] PubMed PMID: 34087084. (IF 2.57)
5. Sinha A, Sharma P, Shukla K K.,Mitra P, Misra S. Current Trends in Prevalence and Role of Long Noncoding RNA and Gene Fusion in Prostate Cancer: An Overview. *Ann Natl Acad Med Sci (India)* 2021; 00:1–9. [https://doi.org/ 10.1055/s-0041-1729780](https://doi.org/10.1055/s-0041-1729780)
6. L M, Mitra P, Goyal T, Abhilasha, Sharma S, Purohit P, Sharma P. Association of blood lead level with neurobehavior and neurotransmitter expressions in Indian children. *Toxicol Rep*. 2021;8:971-976. doi: 10.1016/j.toxrep.2021.05.002. eCollection 2021. PubMed PMID: 34026560; PubMed Central PMCID: PMC8122146.

7. Gadwal A, Roy D, Khokhar M, Modi A, Sharma P, Purohit P. CRISPR/Cas-New Molecular Scissors in Diagnostics and Therapeutics of COVID-19. *Indian J ClinBiochem.* 2021 Apr 16;1-9. doi: 10.1007/s12291-021-00977-y. [Epub ahead of print] Review. PubMed PMID: 33879980; PubMed Central PMCID: PMC8050156.
8. Shekhawat J, Gauba K, Gupta S, Choudhury B, Purohit P, Sharma P, Banerjee M. Ten-eleven translocase: key regulator of the methylation landscape in cancer. *J Cancer Res Clin Oncol.* 2021 Apr 28; doi: 10.1007/s00432-021-03641-3. [Epub ahead of print] Review. PubMed PMID: 33913031. (IF 3.656)
9. Kiran P, Mitra P, Ghosh R, Gangnam S, Sharma S, Nebhinani N, Sharma P. Association of the NOTCH4 gene polymorphism with schizophrenia in the Indian population, *Meta Gene.* <https://doi.org/10.1016/j.mgene.2021.100903>
10. Singh P, Mitra P, Goyal T, Sharma S, Sharma P. Evaluation of DNA Damage and Expressions of DNA Repair Gene in Occupationally Lead Exposed Workers (Jodhpur, India). *Biol Trace Elem Res.* 2021 May;199(5):1707-1714. doi: 10.1007/s12011-020-02298-2. Epub 2020 Jul 25. PubMed PMID: 32712906. (IF 2.639)
11. Sharma A, Agrawal A, Sindhvani G, Sharma A, Tomo S, Charan J, Yadav D, Sharma P. Efficacy of procalcitonin and pentraxin-3 as early biomarkers for differential diagnosis of pleural effusions. *Pleura and Peritoneum* 2021. <https://doi.org/10.1515/pp-2021-0111>, De Gruyter | Published online: April 19, 2021.
12. Goyal T, Mitra P, Singh P, Ghosh R, Lingeswaran M, Sharma S, Sharma P. Alterations in Th17 and Treg Lymphocyte Subset in Workers Occupationally Exposed to Lead. *Biol Trace Elem Res.* 2021 May;199(5):1693-1700.
13. Kaur RJ, Dutta S, Bhardwaj P, Charan J, Dhingra S, Mitra P, Singh K, Yadav D, Sharma P, Misra S. Adverse Events Reported from COVID-19 Vaccine Trials: A Systematic Review. *Indian J ClinBiochem.* 2021 Mar 27;1-13. doi: 10.1007/s12291-021-00968-z. [Epub ahead of print] Review. PubMed PMID: 33814753; PubMed Central PMCID: PMC7997788.
14. Lingeswaran M, Mitra P, Goyal T, Sharma S, Purohit P, Sharma P. Association of blood lead levels with neurobehavior and BDNF expression in school going children. *J Trace Elem Med Biol.* 2021 Mar 22;66:126749. doi: 10.1016/j.jtemb.2021.126749. [Epub ahead of print] PubMed PMID: 33773278.
15. Mitra P, Misra S, Sharma P. Epigenetics in Lead Toxicity: New Avenues for Future Research. *Indian J ClinBiochem.* 2021 Apr;36(2):129-130. doi: 10.1007/s12291-021-00969-y. Epub 2021 Mar 18. PubMed PMID: 33867702; PubMed Central PMCID: PMC7994481.
16. Goyal T, Mitra P, Singh P, Sharma S, Sharma P. Assessment of Blood Lead and Cadmium Levels in Occupationally Exposed Workers of Jodhpur, Rajasthan. *Indian J ClinBiochem.* 2021 Jan;36(1):100-107.
17. Suri S, Mitra P, Abhilasha A, Saxena I, Garg MK, Bohra GK, Sharma P. Role of interleukin-2 and interleukin-18 in newly diagnosed type 2 diabetes mellitus. *J Basic ClinPhysiolPharmacol.* 2021 Mar 15; doi: 10.1515/jbcpp-2020-0272. [Epub ahead of print] PubMed PMID: 33711216. (IF 1.69)
18. Singh P, Mitra P, Goyal T, Sharma S, Purohit P, Sharma P. Levels of lead, aluminum, and zinc in occupationally exposed workers of North-Western India. *J Basic ClinPhysiolPharmacol.* 2021 Mar 12; doi: 10.1515/jbcpp-2020-0220. [Epub ahead of print] PubMed PMID: 33711219.
19. Sharma S, Mitra P, Bhardwaj P, Sharma P. Blood lead level in school going children of Jodhpur, Rajasthan, *Indian J ClinBiochem.* 2021. <https://doi.org/10.1515/tjb-2020-0418>.
20. Gauba K, Gupta S, Shekhawat J, Sharma P, Yadav D, Banerjee M. Immunomodulation by epigenome alterations in Mycobacterium tuberculosis infection. *Tuberculosis (Edinb).* 2021 Mar 12; 128:102077. doi: 10.1016/j.tube.2021.102077. [Epub ahead of print] Review. PubMed PMID: 33812175.

21. Dharmalingam K, Birdi A, Tomo S, Sreenivasulu K, Charan J, Yadav D, Purohit P, Sharma P. Trace Elements as Immunoregulators in SARS-CoV-2 and Other Viral Infections. *Indian J ClinBiochem.* 2021 Feb 12;1-11. doi: 10.1007/s12291-021-00961-6. [Epub ahead of print] Review. PubMed PMID: 33613002; PubMed Central PMCID: PMC7879594.
22. Yadav D, Birdi A, Tomo S, Charan J, Bhardwaj P, Sharma P. Association of Vitamin D Status with COVID-19 Infection and Mortality in the Asia Pacific region: A Cross-Sectional Study. *Indian J ClinBiochem.* 2021 Feb 3;1-6. doi: 10.1007/s12291-020-00950-1. [Epub ahead of print] PubMed PMID: 33551585; PubMed Central PMCID: PMC7854023.
23. Mitra P, Misra S, Sharma P. One Year of COVID-19: The "New Normal". *Indian J ClinBiochem.* 2021 Jan 5;1-2. doi: 10.1007/s12291-020-00954-x. [Epub ahead of print] PubMed PMID: 33424146; PubMed Central PMCID: PMC7785032.
24. Samaddar A, Gadepalli R, Nag VL, Misra S, Bhardwaj P, Singh P, Meena M, Sharma PP, Grover M, Kumar Garg M, Chauhan NK, Dutt N, Niwas R, Kumar D, Sharma P, Goel AD, Kumar Gupta M, Saurabh S, Rai S, Lawdiya C, Saini J, Singh D. Viral Ribonucleic Acid Shedding and Transmission Potential of Asymptomatic and Paucisymptomatic Coronavirus Disease 2019 Patients. *Open Forum Infect Dis.* 2021 Jan;8(1):ofaa599. doi: 10.1093/ofid/ofaa599. eCollection 2021 Jan. PubMed PMID: 33506066; PubMed Central PMCID: PMC7798607.
25. Roy D, Purohit P, Modi A, Khokhar M, Shukla RKG, Chaudhary R, Sankanagoudar S, Sharma P. Growth Differentiation Factor-15 as a Biomarker of Obese Pre-diabetes and Type 2 Diabetes Mellitus in Indian Subjects: A Case-control Study. *Curr Diabetes Rev.* 2021 Jan 3; doi: 10.2174/1573399817666210104101739. [Epub ahead of print] PubMed PMID: 33397240.
26. Choudhary S, Sreenivasulu K, Mitra P, Misra S, Sharma P. Role of Genetic Variants and Gene Expression in the Susceptibility and Severity of COVID-19. *Ann Lab Med.* 2021 Mar 1;41(2):129-138. doi: 10.3343/alm.2021.41.2.129. Review. PubMed PMID: 33063674; PubMed Central PMCID: PMC7591285.
27. Kurian S J, Unnikrishnan M K, Miraj S S, Bagchi D, Banerjee M, Reddy B S, Rodrigues G S, Manu M K, Saravu K, Mukhopadhyay C, Rao M. Probiotics in Prevention and Treatment of COVID-19: Current Perspective and Future Prospects. *Archives of Medical Research.* <https://doi.org/10.1016/j.arcmed.2021.03.002>
28. Shukla R, Ganeshani M, Agarwal M, Jangir R, Kandel G, Sankanagoudar S, Srivastava S. Dehydroepiandrosteronesulphate (DHEAS) levels predict high risk of rheumatoid arthritis (RA) in subclinical hypothyroidism. *PLoS One.* 2021 Feb 16;16(2) e0246195. doi: 10.1371/journal.pone.0246195. PMID: 33592022
29. Roy D, Tomo S, Purohit P, Setia P. Microbiome in death and beyond: current vistas and future trends. *Frontiers Ecology and Evolution.* [March 2021; 10.3389/fevo.2021.630397
30. Goyal T, Mitra P, Singh P, Ghosh R, Lingeswaran M, Sharma S, Purohit P, Sharma P. Estimation of lymphocyte subsets and cytokine levels in workers occupationally exposed to cadmium. *J Trace Elem Med Biol.* 2021 Mar; 64:126681. doi: 10.1016/j.jtemb.2020.126681. Epub 2020 Nov 12. PubMed PMID: 33248335.
31. Goyal T, Mitra P, Singh P, Ghosh R, Sharma S, Sharma P. Association of microRNA expression with changes in immune markers in workers with cadmium exposure. *Chemosphere.* 2021 Jan 26; 274:129615. doi: 10.1016/j.chemosphere.2021.129615. [Epub ahead of print] PubMed PMID: 33545588.
32. Dutta S, Kaur RJ, Bhardwaj P, Charan J, Bist SKS, Detha MD, Kanchan T, Sharma P, Misra S. Household Transmission of COVID-19: A Cross-Sectional Study. *Infect Drug Resist.* 2020; 13:4637-4642. doi: 10.2147/IDR.S285446. eCollection 2020. PubMed PMID: 33380813; PubMed Central PMCID: PMC7767703.

33. Tomo S, Kumar KP, Roy D, Sankanagoudar S, Purohit P, Yadav D, Banerjee M, Sharma P, Misra S. Complement activation and coagulopathy - an ominous duo in COVID19. *Expert Rev Hematol*. 2021 Jan 22;1-19. doi: 10.1080/17474086.2021.1875813. [Epub ahead of print] PubMed PMID: 33480807.
34. Mitra P, Goyal T, Singh P, Sharma S, Sharma P. Assessment of circulating miR-20b, miR-221, and miR-155 in occupationally lead-exposed workers of North-Western India. *Environ SciPollut Res Int*. 2021 Jan;28(3):3172-3181. doi: 10.1007/s11356-020-10676-5. Epub 2020 Sep 9. PubMed PMID: 32902755.
35. Kaur RJ, Charan J, Dutta S, Sharma P, Bhardwaj P, Sharma P, Lugova H, Krishnapillai A, Islam S, Haque M, Misra S. Favipiravir Use in COVID-19: Analysis of Suspected Adverse Drug Events Reported in the WHO Database. *Infection and Drug Resistance*. 14 December 2020 Volume 2020:13 Pages 4427-4438. DOI <https://doi.org/10.2147/IDR.S287934>.
36. Chauhan N K, Shadrach B J, Garg M K, Bhatia P, Bhardwaj P, Gupta M K, Dutt N, R Jalandra R N, Garg P, Nag V L, Sharma P, Bohra G K, Kumar D, Elhence P A, Banerjee M, Mathur D, Abhishek HL Purohit, Gadepalli R, Sureka B, Misra S. Predictors of Clinical Outcomes in Adult COVID-19 Patients Admitted to a Tertiary Care Hospital in India: an analytical cross-sectional study. *Acta Bio Med [Internet]*. 2020 Nov.10 2020
37. Khasbage S, Shukla R, Sharma P, Singh S. A randomized control trial of duloxetine and gabapentin in painful diabetic neuropathy. *J Diabetes*. 2020 Dec 19; doi: 10.1111/1753-0407.13148. [Epub ahead of print] PubMed PMID: 33340245.
38. Khokhar M, Purohit P, Roy D, Tomo S, Gadwal A, Modi A, Banerjee M, Sharma P. Acute kidney injury in COVID 19 - an update on pathophysiology and management modalities. *Arch PhysiolBiochem*. 2020 Dec 15;1-14.
39. Niwas R, S AS, Garg MK, Nag VL, Bhatia PK, Dutt N, Chauhan N, Charan J, Asfahan S, Sharma P, Bhardwaj P, Banerjee M, Garg P, Sureka B, Bohra GK, Gopalakrishnan M, Misra S. Clinical outcome, viral response and safety profile of chloroquine in COVID-19 patients - initial experience. *Adv Respir Med*. 2020;88(6):515-519. doi: 10.5603/ARM.a2020.0139. PubMed PMID: 33393643.
40. Charan J, Kaur RJ, Bhardwaj P, Haque M, Sharma P, Misra S, Godman B. Rapid review of suspected adverse drug events due to remdesivir in the WHO database; findings and implications. *Expert Rev ClinPharmacol*. 2020 Nov 30; doi: 10.1080/17512433.2021.1856655. [Epub ahead of print] PubMed PMID: 33252992.
41. Ravichandran S, Srivastav S, HaridasKamble P, Shukla R, Sharma P, Sharma R. Effect of Vitamin D status on QTc interval in type 2 diabetes mellitus. *J Basic ClinPhysiolPharmacol*. 2020 Nov 19;32(3):163-167. doi: 10.1515/jbcpp-2019-0085. PubMed PMID: 34005842.
42. Charan J, Bhardwaj P, Dutta S, Kaur R, Bist SK, Detha MD, Kanchan T, Yadav D, Mitra P, Sharma P. Use of Complementary and Alternative Medicine (CAM) and Home Remedies by COVID-19 Patients: A Telephonic Survey. *Indian J ClinBiochem*. 2020 Oct 31:1-4.
43. Singh P, Mitra P, Goyal T, Sharma S, Sharma P. Levels of lead, aluminum, and zinc in occupationally exposed workers of North-Western India. *Journal of Basic and Clinical Physiology and Pharmacology (2020)*. DOI: <https://doi.org/10.1515/jbcpp-2020-0220>.
44. Sharma A, Maksane S, Das J, Kumar S, Birdi A , Tomo S , Yadav D, Sharma P. Impact of sanitizers on quality of Lipase and Triglyceride analytes in clinical laboratory. *Indian Journal of Biochemistry & Biophysics*, Vol. 57, December 2020, pp. 701-706.
45. Tomo S, Karli S, Dharmalingam K, Yadav D, Sharma P. The Clinical Laboratory: A Key Player in Diagnosis and Management of COVID-19. *EJIFCC*. 2020 Nov;31(4):326-346. eCollection 2020 Nov. Review. PubMed PMID: 33376473; PubMed Central PMCID: PMC7745302.
46. Roy D, Tomo S, Modi A, Purohit P, Sharma P. Optimising total RNA quality and quantity by phenol-chloroform extraction method from human visceral adipose tissue: A standardisation study.

- MethodsX. 2020; 7:101113. doi: 10.1016/j.mex.2020.101113. eCollection 2020. PubMed PMID: 33204654; PubMed Central PMCID: PMC7653057.
47. Khokhar M, Purohit P, Roy D, Tomo S, Gadwal A, Modi A, Banerjee M, Sharma P. Acute kidney injury in COVID 19 - an update on pathophysiology and management modalities. *Arch PhysiolBiochem*. 2020 Dec 15;1-14. doi: 10.1080/13813455.2020.1856141. [Epub ahead of print] PubMed PMID: 33320717.
 48. Khera D, Singh S, Purohit P, Sharma P, Singh K. Prevalence of Zinc Deficiency and the Effect of Zinc Supplementation on the Prevention of Acute Respiratory Infections. *Turk Thorac J*. 2020 Nov;21(6):371-376. doi: 10.5152/TurkThoracJ.2019.19020. Epub 2020 Nov 1. PubMed PMID: 33352091; PubMed Central PMCID: PMC7752109.
 49. Bankul A, Mitra P, Suri S, Saxena I, Shukla R, Shukla K, Sharma P. Increased serum IL-18 levels and IL-18R expression in newly diagnosed type 2 diabetes mellitus. *Minerva Endocrinol*. 2020 Oct 26; doi: 10.23736/S0391-1977.20.03271-X. [Epub ahead of print] PubMed PMID: 33103874.
 50. Pal A, Squitti R, Picozza M, Pawar A, Rongioletti M, Dutta AK, Sahoo S, Goswami K, Sharma P, Prasad R. Zinc and COVID-19: Basis of Current Clinical Trials. *Biol Trace Elem Res*. 2020 Oct 22; doi: 10.1007/s12011-020-02437-9. [Epub ahead of print] Review. PubMed PMID: 33094446; PubMed Central PMCID: PMC7580816.
 51. Nebhinani N, Sharma P, Suthar N, Pareek V, Kunwar D, Purohit P. Correlates of metabolic syndrome in patients with depression: A study from north-western India. *Diabetes MetabSyndr*. 2020 Oct 14;14(6):1997-2002. doi: 10.1016/j.dsx.2020.10.013. [Epub ahead of print] PubMed PMID: 33080542.
 52. Goyal T, Mitra P, Singh P, Sharma P, Sharma S. Evaluation of oxidative stress and pro-inflammatory cytokines in occupationally exposed cadmium workers. *Work*. 2020 Oct 22; doi: 10.3233/WOR-203302. [Epub ahead of print] PubMed PMID: 33104053.
 53. Ladha N, Bhardwaj P, Charan J, Mitra P, Goyal JP, Sharma P, Singh K, Misra S, Association of Environmental Parameters with COVID-19 in Delhi, India. *Ind J ClinBiochem* (2020). <https://doi.org/10.1007/s12291-020-00921-6>. PubMed PMID: 32837037; PubMed Central PMCID: PMC7436072.
 54. Charan J, Kaur R, Bhardwaj P, Kanchan T, Mitra P, Yadav D, Sharma P, Misra S, Snapshot of COVID-19 Related Clinical Trials in India. *India. Ind J ClinBiochem* (2020). <https://doi.org/10.1007/s12291-020-00918-1>. PubMed PMID: 32837035; PubMed Central PMCID: PMC7416656.
 55. Dixit A, Singh YR, Mitra P, Sharma P. Smoking induced alterations in auditory pathways: Evidence from evoked potentials. *Indian J PhysiolPharmacol* 2020;64(2):118-22. DOI 10.25259/IJPP_104_2020
 56. Singh P, Mitra P, Goyal T, Sharma S, Sharma P. Blood lead and cadmium levels in occupationally exposed workers and their effect on markers of DNA damage and repair. *Environ Geochem Health* (2020). <https://doi.org/10.1007/s10653-020-00696-y>. PubMed PMID: 32813162.
 57. Kumar PK, Mitra P, Ghosh R, Sharma S, Nebhinani N, Sharma P. Association of circulating BDNF levels with BDNF rs6265 polymorphism in schizophrenia. *Behav Brain Res*. 2020 Jul 26; 394:112832. doi: 10.1016/j.bbr.2020.112832. [Epub ahead of print] PubMed PMID: 32726665.
 58. Ghosh R, Goyal T, Mitra P, Malavika L, Sharma S, Sharma P. Association Between Circulating Plasmacytoid Dendritic Cell Percentage and Blood Lead Levels in Children. *Biol Trace Elem Res* [Internet]. 2020 Sep 12 [cited 2020 Sep 14]; Available from: <http://link.springer.com/10.1007/s12011-020-02383-6>. PubMed PMID: 32918715.
 59. Ghosh R, Kumar PK, Mitra P, Purohit P, Nebhinani N, Sharma P. Circulating T helper 17 and IFN- γ positive Th17 cells in Major Depressive Disorder. *Behav Brain Res*. 2020 Jul 20; 394:112811. doi: 10.1016/j.bbr.2020.112811. [Epub ahead of print] PubMed PMID: 32702351.

60. Singh P, Mitra P, Goyal T, Kumar PVK, Sharma S, Sharma P. Effect of metallothionein 1A rs8052394 polymorphism on lead, cadmium, zinc, and aluminum levels in factory workers. *ToxicolInd Health*. 2020 Aug 20; 748233720947518. doi: 10.1177/0748233720947518. [Epub ahead of print] PubMed PMID: 32816651.
61. Maurya CK, Misra R, Sharma P, Singh N, Awasthi H, Agrawal R, Misra S, Dwivedia S, Novel Stem Cells and Nucleic Acid-Based Vaccine Trials Against Viral Outbreak: A Systematic Evaluation During COVID-2019 Pandemic. *Ind J Clin Biochem*.2020. <https://doi.org/10.1007/s12291-020-00907-4>. PubMed PMID: 32837030; PubMed Central PMCID: PMC7347658.
62. Banerjee M, Gupta S, Sharma P, Shekhawat J, Gauba K. Obesity and COVID-19: A Fatal Alliance. *Ind J ClinBiochem*, 2020. <https://doi.org/10.1007/s12291-020-00909-2>. PubMed PMID: 32837031; PubMed Central PMCID: PMC7351562.
63. Nebhinani, N, Tripathi S, Suthar N, Sharma Petal. Correlates of Metabolic Syndrome in Patients with Schizophrenia: An Exploratory Study. *Ind J ClinBiochem* (2020). <https://doi.org/10.1007/s12291-020-00912-7>.
64. Shukla KK, Misra S, Sankanagoudar S, Sharma H, Choudhary GR, Pareek P, Vishnoi JR, Sharma P. Recent scenario of long non-coding RNAs as a diagnostic and prognostic biomarkers of prostate cancer. *UrolOncol*. 2020. doi.org/10.1016/j.urolonc.2020.06.003. PubMed PMID: 32622720.
65. Abhilasha, Mitra P, Suri S, Goyal T, Misra R, Singh K, Garg, M K, Misra S, Sharma P. Association of Comorbidities with Coronavirus Disease 2019: A Review. *Annals of the National Academy of Medical Sciences (India)* 2020; 56(02): 102-111 DOI: 10.1055/s-0040-1714159
66. Yadav G, Chambial S, Agrawal N, Gothwal M, Kathuria P, Singh P, Sharma P, Sharma PP. Blood lead levels in antenatal women and its association with iron deficiency anemia and adverse pregnancy outcomes. *J Family Med Prim Care*. 2020 Jun;9(6):3106-3111. doi: 10.4103/jfmpc.jfmpc_78_20. eCollection 2020 Jun. PubMed PMID: 32984181; PubMed Central PMCID: PMC7491757.
67. Pal A, Pawar A, Goswami K, Sharma P, Prasad R. Hydroxychloroquine and Covid-19: A Cellular and Molecular Biology Based Update. *Indian J ClinBiochem*. 2020 Jul;35(3):274-284. doi: 10.1007/s12291-020-00900-x. Epub 2020 Jun 10. Review. PubMed PMID: 32641874; PubMed Central PMCID: PMC7286553.
68. Lingeswaran M, Goyal T, Ghosh R, Suri S, Mitra P, Misra S, Sharma P. Inflammation, Immunity and Immunogenetics in COVID-19: A Narrative Review. *Indian J ClinBiochem*. 2020 Jul;35(3):260-273. doi: 10.1007/s12291-020-00897-3. Epub 2020 Jun 6. Review. PubMed PMID: 32641873; PubMed Central PMCID: PMC7275846.
69. Roy D, Modi A, Khokar M, Sankanagoudar S, Yadav D, Sharma S, Purohit P, Sharma P. Microrna 21 Emerging Role in Diabetic Complications: A Critical Update. *Curr Diabetes Rev*. 2020 May 2; doi: 10.2174/1573399816666200503035035. [Epub ahead of print] PubMed PMID: 32359340.
70. Khokhar M, Roy D, Modi A, Agarwal R, Yadav D, Purohit P, Sharma P. Perspectives on the role of PTEN in diabetic nephropathy: an update. *Crit Rev Clin Lab Sci*. 2020 Apr 20;1-14. doi: 10.1080/10408363.2020.1746735. [Epub ahead of print] PubMed PMID: 32306805.
71. Mitra P, Misra S, Sharma P. COVID-19 Pandemic in India: What Lies Ahead. *Indian J ClinBiochem*. 2020 Apr 20;1-3. doi: 10.1007/s12291-020-00886-6. [Epub ahead of print] PubMed PMID: 32313407; PubMed Central PMCID: PMC7167534.
72. Bidi S, Reshma DC, Srinivas B, Sharma P, Sankanagoudar S. Comparison of urinary amino acid excretory pattern in patients with type 2 diabetes mellitus and non-diabetic healthy controls at a tertiary referral hospital in India. *Diabetes MetabSyndr*. 2020 Apr 13;14(4):357-362.
73. Singh RS, Singh AK, Shukla KK, Tripathi AK. COVID-19 Pandemic: Evidences from Clinical Studies. *Journal of Community and Public Health Nursing*. 6 (4); 251: 2020.

74. Khokhar M, Roy D, Goyal M, Setia P, Purohit P. Viricidal treatments for prevention of coronavirus infection. *Pathogens and Global Health*; Aug 2020: 10.1080/20477724.2020.1807177.

Non-Pubmed Indexed:

1. Maithilikarpagaselvi N, Muskan A S, Pallavee P, Babu M S, Sathiya R, Evaluation of urinary oxidative stress markers, inflammatory sialoproteins and neopterin in pregnant women with intrauterine growth restriction. *Indian J ObstetGynecol Res.* 2020;7(1):54-58.
2. Maithilikarpagaselvi N, Sridhar M G, Sripradha R. Evaluation of Free Radical Scavenging Activities and Phytochemical Screening of *Curcuma longa* Extracts. *Journal of Young Pharmacists.* 2020; 12(2):113-117.

Workshops/ Conferences Organized

1. Practical applications of Six Sigma in Clinical Laboratory Medicine. Under aegis of ACBI as North zone Council Member of ACBI. 05th Feb 2021.

Name of Faculty : Dr. Praveen Sharma

Designation : Professor

Papers Presented:

1. Speaker and Moderator in webinar titled Serological marker in treatment and management of COVID 19. SNIBE, 18th August 2020. (Online)
2. Speaker in webinar titled 'Shift in paradigm – Lab Medicine & COVID 19'. ACBI, 16th December 2020. (Online)

Sessions Chaired:

1. Moderator in webinar titled 'COVID 19: Immune response and Clinical diagnostic'. SNIBE, 17th December 2020. (Online)
2. Moderator in webinar titled "Practical applications of Six Sigma in Clinical laboratory Medicine". ACBI, 28th Jan, 2021. (Online)

Invited Lectures

1. Empowering Laboratory Services in keeping with Technology Advancement. 31st Malaysian Association of Clinical Biochemists Conference, 1st - 22nd June 2021. (Online)

Conference attended

1. Virtual Conference of IFCC. 15th - 17th Feb 2021. (Online)

Membership/Post in Journal or Society or Association :

1. Life member; Association of Clinical Biochemists of India (ACBI).
2. Life member; Indian Society for Atherosclerosis Research (ISAR).
3. Life member; Society for Free Radical Research in India (SFRR)
4. Life member; Asia Pacific Federation of Clinical Biochemistry (APFCB)
5. Life member; International Federation of Clinical Chemistry (IFCC)
6. Life member; Indian Society of Lead awareness and Research (InSLAR)
7. Life member; Indian Academy of Biomedical Sciences (IABS)
8. Life member; National Academy of Medical Sciences (NAMS)
9. Member; American Association of Clinical Chemistry (AACC)

Others:**Professional recognition and achievements (National Level)**

1. Association of Clinical Biochemist of India (ACBI)
 - i. President; Rajasthan Society of Association of Clinical Biochemists of India – (2013 to date).
 - ii. Chairman; Corporate wing Association of Clinical Biochemists of India (2006- to date)
2. Indian Journal of Clinical Biochemistry
 - i. Editor-in-Chief; Indian Journal of Clinical Biochemistry (IJCB), 2006 to date.
3. Indian Society for Lead Awareness and Research and NRCLPI
 - i. President InSLAR from (2017 to date)
 - ii. Director, National Lead Referral Centre for Lead Projects in India (NRCLPI), Jodhpur. (2015 to date)
4. National Accreditation Board for Laboratory Testing and Calibration.
 - i. NABL Assessor
5. Rajasthan University of Health Sciences
 - i. Member, Editorial Board, RUHS Journal (2017 to date)
 - ii. Member, Research Board, Rajasthan University of Health Sciences w.e.f. 2009.
6. Member Board of Studies:
 - i. All India Institute of Medical Sciences, Rishikesh.
 - ii. All India Institute of Medical Sciences, Jodhpur
 - iii. JNMC, Aligarh Muslim University, Aligarh (2011),
7. MCI Assignment:
 - i. MCI Assessor for undergraduate and postgraduate medical qualification.

Professional recognition and achievements (Inter-national Level)

1. Asia Pacific Federation for Clinical Biochemistry and Laboratory Medicine (APFCB)
 - i. Chairman, APFCB Congress and Conference Committee, from 2019 to date
2. International Federation for Clinical Chemistry and Laboratory Medicine (IFCC)
 - i. Chair, IFCC – CCLM (from Jan. 2020 to 2025)
3. World Association of Societies of Pathology and Laboratory Medicine
 - i. Director, South East Asia on WASPaLM Board (2021 to date)
4. The UNESCO Chair in Bioethics Haifa:
 - i. Lead, Bioethics Unit of the international Network of the UNESCO Chair in Bioethics.
5. Visiting Professor:
 - i. High altitude Pulmonary and Pathology Institute, Zubieta University, Bolivia.

Name of Faculty : Dr. Mithu Banerjee

Designation : Additional Professor & Head

Papers Presented:

1. Kiran Kumar PVSAN, Banerjee M, Bajpayi A, Mandal S, Sharma P, Misra S, Mitra P COVID-19 IgG antibodies in convalescent plasma donors and their clinical correlates. Submitted in International Federation of Clinical Chemistry- "Critical role of lab in COVID-19 pandemic". 15th-17th Feb 2021.

2. Gupta S, Banerjee M, Gauba K, Yadav D, Sharma P. Sociodemographic profile of Tuberculosis patients from western India. Poster submitted American Association of Clinical Chemistry. 25th-30th September 2021.

Research Project:

Ongoing:

As Principal Investigator

1. ICMR- Ad hoc Pharmacogenomic, Biochemical, Epigenetic and Population Pharmacokinetic Study in Tuberculosis Patients-Multicentric study with Manipal College of Pharmacy & Pharmaceutical Sciences. Extramural funding. Extramural funding. [TB consortium ICMR].
2. DNA methylation in promoter region of MGMT& EDNRB genes from saliva as a biomarker of head & neck cancers. Intramural project
3. SARS-Cov-2 IgG antibodies & it's clinical correlates in convalescent plasma donors. Intramural project
4. Assessment of DHEAS/Cortisol ratio as a prognostic marker of COVID-19 Intramural project.

As Co-Investigator

1. Iron status in healthy term breastfed infants in early infancy- A prospective cohort study. Extramural project, ICMR.
2. Viral Load estimation & T cell counts in predicting severity of COVID-19. Intramural project
3. Cytokine profile mapping for severity assessment of COVID-19. Intramural project
4. Predictors of Clinical Outcomes in Adult COVID-19 Patients Admitted to a Tertiary Care Hospital in India: an analytical cross-sectional study. Intramural project
5. Clinical outcome, viral response and safety profile of chloroquine in COVID-19 patients. Intramural project
6. Endocrine dysfunction among patients with COVID-19: Evaluation of Clinical & Lab parameters of Post COVID -19 patients. Intramural project
7. Immunoclinical Characterization of Diabetes in children & Adolescents & their characterization in time & Space. Intramural project
8. Quantitative sensory testing of allodynia in migraine: Its association with endogenous sex hormones & TRPV1 expression. Intramural project
9. Evaluation of post Covid Lab parameters of COVID patients. Intramural project

Examinership

1. Internal examiner MD Biochemistry. AIIMS Jodhpur, 20th -21st Dec 2020

Membership/Post in Journal or Society or Association

1. Member; American Association of Clinical Chemistry AACC
2. Nominated as corresponding member; C- EUBD Committee for Education in the Use of Biomarkers of Diabetes by national society ACBI (Association of Clinical Biochemists of India).

Name of Faculty : Dr. Purvi Purohit
Designation : Additional Professor

Papers Presented:

1. Khokhar M, Purohit P, Roy D, Tomo S, Sharma P. Multi-Omics integration with MicroRNAs target reveals molecular networks of Type II Diabetes Mellitus; Paper Number-20; AACB Virtual Conference 2020. (Online)
2. Khokhar M, Purohit P; Bioinformatics interactomics reveals molecular regulatory network of the immune beneficial effect of yoga and exercise, ISCB-LA SolBioBioNetMX 2020. (Online)
3. Khokhar M, Tomo S, Roy D, Purohit P, An in-silico analysis of microRNAs and transcription factors regulating IL-10 in acute respiratory distress syndrome. abstract-2000; Cell Bio Virtual 2020-An Online ASCB|EMBO Meeting. (Online)
4. Purohit P, Roy D, Khokhar M, Chaudhary R, Shukla RG, Sankanagoudar S, Sharma P; Circulating and visceral adipose tissue miRNA-181 and Growth Differentiation Factor-15 in Type II Diabetes Mellitus patients- a correlation analysis. Australasian Association of Clinical Biochemists and Laboratory Medicine, Virtual Conference 2020. (Online)
5. Roy D, Purohit P, Modi A, Khokhar M, Shukla RG, Sankanagoudar S, Sharma P. Gene expression of circulating MicroRNA-21 and target gene prediction in Type II Diabetes Mellitus. Australasian Association of Clinical Biochemists and Laboratory Medicine, Virtual Conference 2020. (Online)
6. Roy D, Purohit P, Modi A, Khokhar M, Sankanagoudar S, Choudhary R, Sharma P; In silico and in vivo analysis of miR-181b-5p and miR-330-3p in visceral adipose tissue of obese individuals. *Molecular Biology of the Cell* 31(26), Cell Bio Virtual 2020; doi: 10.1091/mbc.E20-10-0665. (Online)
7. Roy D, Modi A, & Purohit P. Differential Circulating miRNA Reveal Potential Biomarkers and Therapeutic Targets for Progression from Prediabetes to Type 2 Diabetes Mellitus. *Metabolism*. March 2021; 116:154533. <https://doi.org/10.1016/j.metabol.2020.154533>. [Abstracts from the 18th Annual World Congress on Insulin Resistance Diabetes & Cardiovascular Disease, abstract 0066]. (Online)
8. Purohit P, Roy D, Modi A, Choudhary R, Shukla RP, Sharma P. Circulating and visceral adipose tissue miR-330-3p is associated with insulin resistance in Type II Diabetes Mellitus. *Metabolism*. March 2021; 116:154552. <https://doi.org/10.1016/j.metabol.2020.154552>. [Abstracts from the 18th Annual World Congress on Insulin Resistance Diabetes & Cardiovascular Disease, abstract 0085]. (Online)
9. Modi A, Roy D, Purohit P, Pareek P, Vishnoi J. Analysis of Serum Growth Differentiation Factor-15 in Progression of Breast Cancer in Type II Diabetes Mellitus Patients. *Metabolism*. March 2021; 116(Suppl):154538. <https://doi.org/10.1016/j.metabol.2020.154538>. [Abstracts from the 18th Annual World Congress on Insulin Resistance Diabetes & Cardiovascular Disease, abstract 0071]. (Online)
10. Purohit P, Roy D, Modi A, Khokhar M, Chaudhary R, Sankanagoudar S, Sharma P. Regulatory role of circulating miR-21 and its association with growth differentiation factor-15 in obese pre-diabetes and type 2 diabetes mellitus patients. *Mol. Biol. Cell* 31 (26), 2863-2863. <https://doi.org/10.1091/mbc.E20-10-0665>. [Cell Bio Virtual 2020, ASCB Annual Meeting abstracts, Abstract #1260]. (Online)
11. Modi A, Roy D, Gadwal A, Purohit P, Pareek P, Vishnoi J, Sharma S, Elhence P, Sharma P. Analysis of Growth Differentiation Factor-15 and Stemness Markers in Breast Cancer. *ClinBiochem Rev.* 2020;41(3):S1-S26. doi: <https://doi.org/10.33176/2020Abstracts> [AACB Virtual Conference 2020]. (Online)
12. Purohit P, Gadwal A, Modi A, Sharma P. Analysing the Expression of Growth Differentiation Factor-15 and ABCC5 in Breast Cancer Patients. *ClinBiochem Rev.* 2020;41(3):S1-S26. doi: <https://doi.org/10.33176/2020Abstracts> [AACB Virtual Conference 2020]. (Online)

Research Project:

Ongoing:

As Principal Investigator

1. A case-control study analyzing role of GDF-15 in induction of stemness of Triple Negative Breast Cancer. AIIMS Jodhpur. Intramural Project

As Co-Investigator

1. DBT National Inherited Diseases Administration (NIDAN) Kendra – Sanctioned as Co-PI
2. An observational study analyzing the post-mortem interval in Human cadavers using autophagy proteins. ICMR Core grant
3. Stimulating medical students' interest in medical genetics: Randomized controlled trial of an innovative educational intervention. ICMR GIA
4. Predictive value of progression of various stages of depression to suicide by Epigenetic modification of FKBP 5 gene. ICMR GIA
5. An observational study of prevalence of Vitamin D deficiency in pregnant Indian females and its association with Gestational Diabetes. ICMR GIA
6. Genome India Project. DBT India
7. Evaluating the dynamics of breast cancer stem cells with apoptosis, necrosis, Angiogenesis and cell cycle regulating miRNA (miR 221-3p, miR133a-3p and miR 9-5p) in patients undergoing systemic neoadjuvant or palliative chemotherapy for breast cancer. AIIMS Jodhpur, Intramural Project.
8. Beta defensin expression in malignant head and neck tumors. Intramural as CoPI.
9. Expression and association of MicroRNAs (miR-424 and miR-519d) in pregnancies complicated by Fetal Growth restriction via KLF 6 and MT1-MMP (MMP-14) pathways. AIIMS Jodhpur, Intramural Project.

Completed:

As Co-Investigator

1. Expression of miRNA (miR 187 & miR 146) and their association with pro and anti-inflammatory cytokines (IL-18 & IL-10) and transcriptional factor NF-kB in pregnancies complicated by preeclampsia. AIIMS Jodhpur, Intramural Project.
2. Characterization of organ specific microRNA expression in human tissues: A pilot study. AIIMS Jodhpur, Intramural Project.
3. Correlation of Apoptosis, Angiogenesis and cell cycle regulating miRNA (miR 221-3p, miR133a-3p and miR 9-5p) with Global methylation and promoter-specific methylation of the P16, SOCS-1, and SHP-1 genes and their expression in patients of Oral submucous fibrosis and Oral squamous cell carcinoma. AIIMS Jodhpur, Intramural Project.

Examinership

1. Internal examiner MD Biochemistry; 20th - 21st Dec, 2020.
2. 1st Professional MBBS Examination. Govt Medical College Barmer, 21st-22nd March 2021.
3. Nursing Internal examiner. 20th June 2020.

Membership/Post in Journal or Society or Association :

1. Fellow; Association of Clinical Scientists (FACSc)
2. Member; American Association of Clinical Chemistry
3. Member; Human Genome Organization

4. Member; American Society of Cell Biology

National/ International Conferences attended:

1. Australian Society of Clinical Biochemistry Conference. 27th-28th October 2020.(Online)
2. Cell Bio Virtual 2020-An Online ASCB|EMBO Meeting. 2nd-16th December 2020.(Online)
3. World Congress of Insulin Resistance Diabetes & Cardiovascular Diseases. 3rd- 5thDec 2020.(Online)

Name of Faculty : Dr. Dharmveer Yadav

Designation : Associate Professor

Symposium Speaker

1. Panelist in Webinar titled 'Veda's recognition as a source of Reference in AYUSH, Modern Medicine, Pharmacopeia& Diagnostic Method-III'. Jyoti Vidyapeeth Women's University Jaipur in association with Ministry of Ayush, Govt. of India. 20th-21st June, 2020. (Online)

Research Project:

Ongoing:

As Principal Investigator

1. Evaluation of Toll like receptors 2, 4 and neurotransmitters receptors (Serotonin, Dopamine and Glutamate) and its significance in cognitive behavior changes in Schizophrenia patients.
2. Analysis of trace elements, complement factors and coagulation profile in outcome of COVID 19 patients- a prospective case-control study.

As Co-Investigator

1. Predictors of ovarian function reserve in premenopausal patients with breast cancer.
2. Pilot study to correlate pancreatic remnant volume following pancretico – duodenectomy with pancreatic exocrine and endocrine insufficiency.

Examinership

1. 1st MBBS University main exam. PIMS, Udaipur, 3rd - 6th Feb 2021
2. 1st MBBS regular Exam. Geetanjali Medical College, Udaipur from 8th - 10th Feb, 2021.
3. 1st MBBS Exam. NIMS, Jaipur from 15th - 18th Feb, 2021.
4. 1st MBBS Exam. JNU Medical College, Jaipur, 23rd - 27th Feb 2021.
5. 1st MBBS Supplementary Examination. Dr. S N Medical College, Jodhpur, 12th Mar 2021.
6. 1st MBBS University main examinations. SMS Medical College, Jaipur, 17-20th Mar 2021.
7. 1st MBBS University main examinations. SP Medical College, Bikaner. 24-27th Mar 2021.

Membership/Post in Journal or Society or Association :

1. Life Member; Indian Society for Lead Awareness & Research (InSLAR)
2. Selected for the Life membership; National academy of Medical Sciences(NAMS)
3. Elected as North Zone Council Member; Association of Clinical Biochemists of India.
4. Associate Editor; Indian Journal of Clinical Biochemistry.
5. Secretary; Rajasthan Society for Association of Clinical Biochemists of India.

Name of Faculty : Dr. Shailja Sharma
Designation : Associate Professor

Research Project:

Ongoing:

As Principal Investigator

1. Pilot Study: miRNA 222, 210, 146a expression in occupationally heavy metal (Pb & Cd) exposed workers
2. Assessment of oxidative, genotoxic and global epigenetic alterations in occupationally lead exposed workers of Jodhpur.
3. Effect of Blood Lead Levels on plasmacytoid dendritic cell development and function in school going children of Jodhpur

As Co-Investigator

1. Maternal serum Netrin-1 and procalcitonin and their association with preeclampsia
2. Characterization of organ specific miRNA expression in human tissues; A pilot study
3. Blood lead levels in antenatal women with iron deficiency anemia and adverse pregnancy outcome : a cross sectional observational study
4. Evaluation of cutaneous hyperandrogenism with anti mullerian hormones and polycystic ovarian morphology in females
5. Metal analysis in oral carcinoma and oral submucosal fibrosis patients
6. Expression of miRNA (miR 187 & mir 146) and their association with pro and anti inflammatory cytokines(IL-18 & IL-10) and transcriptional factor NF-kB in pregnancies complicated by preeclampsia
7. Immune profile as marker of immunotoxicity of lead in paediatric patients of western India
8. Prospective observational study of ambulatory blood pressure monitoring in Resident doctors and its correlation with melatonin, HsCRP and cortisol levels.

Completed:

As Principal Investigator

1. Pilot Study: miRNA 222, 210, 146a expression in occupationally heavy metal (Pb & Cd) exposed workers

As Co-Investigator

1. Maternal serum Netrin-1 and procalcitonin and their association with preeclampsia
2. Characterization of organ specific miRNA expression in human tissues; A pilot study
3. Blood lead levels in antenatal women with iron deficiency anemia and adverse pregnancy outcome : a cross sectional observational study
4. Expression of miRNA (miR 187 & mir 146) and their association with pro and anti inflammatory cytokines(IL-18 & IL-10) and transcriptional factor NF-kB in pregnancies complicated by preeclampsia
5. Immune profile as marker of immunotoxicity of lead in paediatric patients of western India

Examinership

1. External Examiner for 1st Prof MBBS Supplementary examination. Dr SN Medical college, Jodhpur, 10th Nov 2020
2. Internal Examiner for 1st Prof MBBS Supplementary examination. 4th Nov 2020
3. External Examiner for 1st Prof MBBS examination.Vardhman medical college, New Delhi, 3rd-9th March 2021

Membership/Post in Journal or Society or Association :

1. Member; American Association of Clinical Chemistry
2. Member; Indian Society of Inborn Error of Metabolism

Name of Faculty : Dr. Shrimanjunath Sankanagoudar**Designation : Associate Professor****Papers Presented:**

1. Sankanagoudar S, Shukla K, Shukla R, Sharma P. Association of plasma branched-chain amino acids with patients of type 2 diabetes mellitus among Indian population – A case control study. International Congress of Diabetes and Metabolism, 18th-19th September 2020, Seoul, Korea. (Online)
2. Sankanagoudar S, Tomo S, Sharma P. Comparison of methods for calculated low-density lipoprotein cholesterol to direct assay in patients with hypothyroidism. 2020;41(3):S1-S26. doi: <https://doi.org/10.33176/2020> Abstracts [Proceedings of the Australasian Association of Clinical Biochemistry and Laboratory Medicine's 2020 Virtual Scientific Conference], October 27-28, 2020, Sydney, Australia. (Online)
3. Roy D, Purohit P, Modi A, Khokhar M, Chaudhary R, Sankanagoudar S, Sharma P. In silico and in vivo analysis of miR-181b-5p and miR-330-3p in visceral adipose tissue of obese individuals. Mol. Biol. Cell 31 (26), 2863-2863. <https://doi.org/10.1091/mbc.E20-10-0665>. [Cell Bio Virtual 2020, ASCB Annual Meeting abstracts, Abstract #1259]2-16, December, 2020. (Online)
4. Tomo S, Sankanagoudar S, Sharma P. Comparison of bias for different formulae for calculated LDL cholesterol with LDL cholesterol by direct assay in patients with subclinical and overt hypothyroidism. National Conference Diagnostic Week 2020, New Delhi, 21st – 27th September 2020.
5. Roy D, Purohit P, Modi A, Khokhar M, Shukla RG, Sankanagoudar S, Sharma P. Gene expression of circulating miR-21 and target gene prediction in type II diabetes mellitus. ClinBiochem Rev. 2020;41(3):S1-S26. doi: <https://doi.org/10.33176/2020> Abstracts [Proceedings of the Australasian Association of Clinical Biochemistry and Laboratory Medicine's 2020 Virtual Scientific Conference].27-28, December, 2020 (Online)
6. Prawin Kumar, Jagdish Prasad Goyal, ShrimanjunathSankanagoudar, VibhorTak, Kuldeep Singh. Association of Serum 25-OH Vitamin D3 level with Clinical Phenotypes of Preschool Wheeze: A Cross-Sectional Study. Asian Pacific Society of Respiriology (APSR) assembly virtual conference, November 2020. (Online)

Research Project:**Completed:****As Principal Investigator**

1. Assessment of plasma and urinary amino acids among patients of type 2 diabetes mellitus. (2017-18), Intramural, AIIMS, Jodhpur.
2. Evaluation of different formulas for LDL cholesterol calculation in patients with type 2 diabetes mellitus.(2020-21), Non-funded, AIIMS, Jodhpur.

As Co-Investigator

1. Association of miR-21, miR-141, miR-145 and miR-10b in the induction and propagation of cancer stem cell in prostate cancer. (2017-18)

2. Role of inflammatory marker, atypical; bacterial infection and Vitamin D3 level in recurrent wheezing in children under five years of age. (2017-18)

Ongoing:

As Principal Investigator

1. Study the association between glycemic status and severity of sepsis using glycated haemoglobin. (2020-21), Non-funded, AIIMS, Jodhpur.

As Co-Investigator

1. Analysis of Trace elements, Complement factors and Coagulation Profile in Clinical outcome of COVID-19 patients-a prospective case control study. (2020-21), Intramural, AIIMS, Jodhpur, Translational Research Group
2. Utility of Pentraxin-3 and Presepsin in prognosis of sepsis in critically ill patients. (2020-21), Intramural, AIIMS, Jodhpur

Scientific Awards/Patents

1. Presentation Award, 2020 International Congress of Diabetes and Metabolism, 18th -19th September 2020, Seoul, Korea.

Examinership

1. External examiner of Rajasthan University of Health & Sciences (RUHS), Jaipur for practical examination of First MBBS (Batch 2019-20) Practical and Viva-voce examination March 2021. J. L. N. Medical College, Ajmer (Rajasthan), 22nd – 25th March 2021.
2. External examiner for Practical Examinations of B.Sc. MLT Part I and II (Supplementary) Exam Oct – 2020. Dr. S. N. Medical College, Jodhpur, 18th December 2020.

Membership/Post in Journal or Society or Association

1. Professional Member; American Association of Clinical Chemistry (AACC) (2020-21).
2. Member; Divisions of Mass Spectrometry & Separation Science, AACC (2020-21).
3. Member; Divisions of Proteomics and Metabolomics, AACC (2020-21).

National/ International Conferences attended:

1. Science Leadership Workshop. Central University of Punjab, Bathinda (India), 22nd - 28th June 2020.
2. Webinar on Competency Based Medical Education (CBME)-Concepts and Challenges. MEU, KS Hegde Medical Academy, NITTE, Mangalore (India), 29th June 2020. (Online)
3. International Congress of Diabetes and Metabolism (ICDM) 2020, Seoul, Korea, 18th -19th September 2020. (Online)
4. Australasian Association of Clinical Biochemistry and Laboratory Medicine's (AACB) 2020 Virtual Scientific Conference, 27th-28th Oct 2020, Sydney, Australia. (Online)
5. Successfully completed the Basic Course in Biomedical Research, AUG-DEC 2020 by NPTEL Online Certification (March 2021) with score of 88%. (Online)

Name of Faculty : Dr. Prasenjit Mitra

Designation : Assistant Professor

Membership/Post in Journal or Society or Association

1. Fellow; American Association of Clinical Chemistry (FAACC) Academy, 2020

2. Fellow; Association of Clinical Scientists, USA (FACSc), 2020
3. Member; International Federation of Clinical Chemistry (IFCC) Taskforce on Global eLearning/eAcademy (TF-GEL) (2021-present)
4. Member; Congress and Conference Committee, Asia Pacific Federation of Clinical Biochemistry and Laboratory Medicine (APFCB) (2020-present)
5. Member; Royal Society of Biology (MRSB), 2020
6. Member; Institute of Science and Technology, UK (MIScT), 2020 (Membership ID T16509)
7. Member; Biochemical Society/Portland Press Early-Career Researcher (ECR) Taskforce (2020-present)
8. Joint Secretary; Association of Clinical Biochemists of India (ACBI) Executive Council (2019-present)
9. Coordinator; ACBI Webinar (2020-present)
10. Corresponding Member; IFCC- Committee on Clinical Laboratory Management C-CLM (2019-present)

Name of Faculty : Dr. Maithili Karpaga Selvi. N

Designation : Assistant Professor

Papers Presented:

1. Poster presented in virtual National Conference on Traditional medicine - challenges & opportunities. 19th – 20th March 2021, Department of Pharmacology, AIIMS Jodhpur. (Online)

Research Project:

As Principal Investigator

1. Genetic predisposition to methylglyoxal (MGO) toxicity and its association with targeted metabolites and glyco-oxidative stress in diabetic nephropathy DST-SERB (File Number: EEQ/2020/000081).
2. Preventive effect of Boerhaviadiffusa extract in Cisplatin (CSP) induced nephrotoxicity in Wistar Rats.

National/ International Conferences attended:

1. Virtual National Conference on Traditional medicine - challenges & opportunities. 19th - 20th March 2021, Department of Pharmacology, AIIMS Jodhpur. (Online)

Membership/Post in Journal or Society or Association

1. Editorial board member; Journal of pharmaceutical negative results (2020-2021)
2. Editorial board member; Journal of Young Pharmacists (2020-2021)
3. National M.Sc Medical Teachers Association (NMMTA) (2020/LM/RJ/BIOC/408)

Any other information

1. Completed online training on IQC, EQAS and SIX-SIGMA organised by 360 Diagnostic and Health Services Pvt Ltd. from 11th and 12th April 2020
2. Completed online “Basic Course in Biomedical Research” conducted by the ICMR (NIE) from March to June 2020.

Name of Faculty : Dr. Kamla Kant Shukla

Designation : Associate Professor (Trauma & Emergency)

Department of Burns and Plastic Surgery

S.No.	Name	Designation
1	Dr. Prakash Chandra Kala	Associate Professor
2	Dr. Pawan Kumar Dixit	Assistant Professor
3	Dr. Deepti Katrolia	Assistant Professor
4	Dr. Aniket Dave	Assistant Professor (Trauma & Emergency)

About the Department :

Burns and Plastic surgery department has been actively involved with patient care, academic and research activities. Currently, the department has four faculties and six academic senior residents.

Department has been actively involved in undergraduate teaching through online classes because of the Covid-19 pandemic. It has been the constant focus to increase the awareness and understanding of Plastic surgery among medical students. Department has a structured academic protocol for postgraduate students. Postgraduate teaching encompasses seminars, journal clubs, and case presentations. Regular assessment and feedback are conducted to reinforce learning and keep the postgraduate students motivated. Our postgraduate students have attended online webinars and classes in collaboration with different institutes. This year, the first batch of MCH. students appeared in final exams who showed exemplary performances and won accolades from external examiners.

Department has been actively involved in research and publications. The number of publications from the department has inflated remarkably in recent years. Many research articles are under consideration in notable journals. Thesis research projects of postgraduate residents are running in the department. Faculties have submitted projects to intramural and extramural funding agencies for grants. They are members of prestigious associations and hold positions in scientific bodies.

Due to the covid-19 pandemic regular clinical work was affected, but significant work has been done for the reconstruction of cancer and traumatic defects. Numbers of microsurgical reconstruction or free flaps have significantly increased even in times as challenging as the covid-19 pandemic. A one-year fellowship in microsurgery has been proposed for those who have completed MCH plastic surgery. The department is on the path to becoming a center of excellence in microsurgical reconstructions, hand surgeries, brachial plexus surgeries, and other reconstructive procedures. AIIMS Jodhpur has been among the top choice institute for postgraduate training for MCH Plastic Surgery. Department has also been on the forefront on patient education. Public awareness programs have been organized through online webinars to create awareness in the masses.

Compiled list of Publications of the department:

Papers

Pubmed Indexed:

1. Sahu R, Kala PC, Dixit PK, Katrolia D, Chakraborty S, Suresh K. Finger pulp reconstruction with Thenar flap: Aesthetic and functional outcome. Chinese Journal of Traumatology. 23(5); October 2020: 307-310.
2. Kala PC, Dixit PK, COVIDSurg Collaborative, GlobalSurg Collaborative. SARS-CoV-2 vaccination modelling for safe surgery to save lives: data from an international prospective cohort study. Br J Surg. 2021 Mar 24;znab101.

3. Kala PC, Dixit PK, COVIDSurg Collaborative, GlobalSurg Collaborative. Timing of surgery following SARS-CoV-2 infection: an international prospective cohort study. *Anaesthesia* 2021.

Non-Pubmed Indexed:

1. Syal R, Chander S, Kala PC, Suresh K, Chhabra S. Mending the after-effects of simulation-based cross-skill airway training during COVID-19 pandemic: The “real” plastic surgery. *Indian Anaesth Forum* 2021;22:113-4.
2. Vishnoi JR, Sasidhar A, Kala P. et al. Primary Synovial Sarcoma of the Anterior Chest Wall: a Rare Entity at Unusual Location—Case Report. *SN Compr. Clin. Med.* 3, 1066–1070 (2021).

Any other information:

1. Department organized public awareness lecture to commemorate National Plastic Surgery Day on 15th July. The program was done virtually through online platform because of COVID-19 pandemic.

Name of Faculty : Dr. Prakash Chandra Kala

Designation : Associate Professor

Research Project:

Ongoing:

As Co-Investigator

1. Implication of increased uses of technology on awareness about plastic surgery in medical undergraduates. Non-funded project
2. The functional and aesthetic outcome of groin/abdomen and PIA flap: a comparative study. Non-funded project
3. Multidisciplinary approach to the diabetic foot in special clinic. Non-funded project
4. Use of mobile health application to train primary health center staff in acute management of burn injury patients in jodhpur, Rajasthan. Non-funded project

Examinership

1. M.CH Plastic Surgery. AIIMS Rishikesh, 23rd march 2021
2. M.CH Plastic Surgery. Gujarat University, 7th October 2020

Membership/Post in Journal or Society or Association

1. Reviewer; Indian journal of surgical oncology

National/ International Conferences attended:

1. Basic Research Methodology and Thesis Writing in Physiology: webinar series, Department of Physiology, AIIMS Jodhpur, 17th -23rd August 2020. (Online)
2. Biostatistics. Science-Tech Institute, Lucknow, 21st -27th February 2021.

Name of Faculty : Dr. Pawan Kumar Dixit

Designation : Assistant Professor

Sessions Chaired:

1. Panel discussion. Digital Dermal Regeneration Meet, 23rd March 2021. (Online)

Research Project:

Ongoing:

As Principal Investigator

1. Vascular basis of expandable forearm muscles for proximal and distal based muscle flaps. Intramural project funded, AIIMS Jodhpur
2. Implication of increased uses of technology on awareness about plastic surgery in medical undergraduates. Non-funded project
3. The functional and aesthetic outcome of groin/abdomen and PIA flap: a comparative study. Non-funded project

National/ International Conferences attended

1. Nerve transfers in Brachial Plexus injuries. AFMC, Pune, 27th June 2020. (Online)
2. Basic Research Methodology and Thesis Writing in Physiology: webinar series. Department of Physiology, AIIMS Jodhpur, 17th -23rd August 2020. (Online)
3. Basic course in research methodology. ICMR, August - December 2020. (Online)
4. Ganga Diabetic foot course:virtual event. Ganga Medical Center and Hospitals, Coimbatore, 7th February 2021. (Online)

Name of Faculty : Dr. Deepti Katrolia

Designation : Assistant Professor

Research Project:

Ongoing:

As Co-Investigator

1. Implication of increased uses of technology on awareness about plastic surgery in medical undergraduates. Non-funded project.
2. The functional and aesthetic outcome of groin/abdomen and PIA flap: a comparative study. Non-funded project.

National/ International Conferences attended:

1. Ganga Hand and Microsurgery Operative Course 2020. Ganga Hospital Coimbatore (Virtual live workshop), 11th - 12th July 2020. (Online)
2. Ganga Diabetic Foot Course 2021 organized by Ganga Hospital Coimbatore: Virtual live workshop, 7th Feb 2021. (Online)
3. ISAPS Symposium 2021. Aesthetic Plastic Surgeons society of India, 9th- 13th February 2021. (Online)

Name of Faculty : Dr. Aniket Dave

Designation : Assistant Professor (Trauma & Emergency)

Department of Cardiology

S.No.	Name	Designation
1	Dr.Surender Deora	Associate Professor
2	Dr. Atul Kaushik	Assistant Professor
3.	Dr. Rahul Choudhary	Associate Professor (Trauma & Emergency)

About the Department:

The Department of Cardiology is running its OPD and services and catering to patients with cardiovascular diseases during the pandemic with optimal utilization of the telemedicine and physical consultation services. The invasive cardiac procedures like Coronary angiography, angioplasty, and structural heart interventions are performed regularly and have advanced since the successful installation of two Cath lab machines in the department. The department has also started its pacemaker program after the installation of these two Cath labs. The department has also started to deliver required care to critical cardiac patients through CCU which has been started since December 2020 with 10 CCU beds with state-of-the-art monitors and other supportive equipment. Noninvasive cardiac services like ECG, Echocardiography, TMT, Holter monitoring, ABPM is present in the departmental OPD complex. The Department also has a point of care machine for evaluation of Troponin and NT-Pro BNP which is very important in the diagnosis of various cardiac diseases. The Department is also running specialty clinics like the Pediatric Cardiology clinic and Heart failure clinic on weekly basis. All emergency cardiac procedures like primary angioplasty, temporary pacing, pericardiocentesis, etc. are performed after initial clinical evaluation in Emergency Department.



The department is also being involved in academic activities with the teaching of undergraduates and active participation in regular CGR and CPC being conducted in the Institute. The Department also running a DM training program with currently two candidates pursuing the course. The first candidate has completed his academic degree for DM. The department is also involved in the teaching of students of the School of Public Health and College of Nursing.

The department is involved in research activities with the publication of original articles, review articles, chapters in cardiology updates, and interesting case reports. Also, the research is undergoing various cardiac disorders in collaboration with other Institutes.

The department has procured two Catheterisation Labs(one Bi-plane and one single plane) for expansion and have been installed successfully. Newer and advanced imaging modalities like IVUS, OCT, and IFR have been installed, and cases have been done using these modalities.

Compiled list of Publications of the department:

Pubmed Indexed (Papers):

1. Deora S. Transradial versus transfemoral approach in STEMI: Choice is with the operator. *Indian Heart J.* 2020 Jul-Aug;72(4):327-328.
2. Deora S, Garg P, Gehlot R. Aortic coarctation presenting as dysphagia: a clinical and surgical challenge. *Asian Cardiovasc Thorac Ann.* 2020 Nov;28(9):615-617
3. Deora S, Bhardwaj P, Garg MK. COVID-19 pandemic: Clinical management protocols for cardiac disease patients at teaching institute in Western Rajasthan. *J Family Med Prim Care.* 2020 May 31;9(5):2186-2187
4. Deora S, Bhatia PK. Comment on: Anesthesiologists and job satisfaction in cardiac cath lab: Do we need guidelines? *Ann Card Anaesth.* 2020 Jul-Sep;23(3):374-375
5. Yadav R, Deora S, Yadav G. Air pollution and its impact on cardiovascular health - It's time to act fast! *Indian Heart J.* 2021 Jan-Feb;73(1):1-6.
6. Garg MK, Deora S. 'Indian Dyslipidaemia': A unique challenge. *Natl Med J India.* 2020 May-Jun;33(3):129-13.
7. Mathur D, Deora S, Kaushik A, Bhardwaj P, Singh K. Awareness, medication adherence, and diet pattern among hypertensive patients attending teaching institution in western Rajasthan, India. *J Family Med Prim Care.* 2020 May 31;9(5):2342-2349
8. Sharma JB, Deora S, Choudhary R, Kaushik A. Diagnostic utility of mitral annular displacement by speckle tracking echocardiography in predicting significant coronary artery disease in suspected chronic stable angina pectoris. *Echocardiography.* 2020 Dec;37(12):2010-2017.
9. Sharma JB, Deora S, Choudhary R, Kaushik A. Comparison of mitral annular displacement and global longitudinal strain imaging for predicting significant coronary atherosclerotic disease in patients of chronic stable angina pectoris. *Int J Cardiovasc Imaging.* 2021 Mar;37(3):861-870
10. Sharma JB, Deora S, Choudhary R, Kaushik A. Diagnosing anomalous circumflex origin by 3D echocardiography. *J Echocardiogr.* 2020 May 15. doi:10.1007/s12574-020-00472-
11. Sharma JB, Deora S, Choudhary R, Kaushik A. Anomalous LCx draining into the lung: a bizarre presentation of Takayasu arteritis. *Int J Cardiovasc Imaging.* 2020 Aug;36(8):1427-1428.
12. Choudhary R, Deora S. P2Y12 Inhibitor-Based Monotherapy: Optimal Duration and Ideal Agent. *J Am Coll Cardiol.* 2020;76(10):1273-1274
13. Choudhary R, Kaushik A, Sharma JB. COVID-19 pandemic and stent thrombosis in a post percutaneous coronary intervention patient-a case report highlighting the selection of P2Y12 inhibitor. *Cardiovasc Diagn Ther* 2020;10(4):898-901. DOI: 10.21037/cdt-20-485
14. Choudhary R, Mathur R, Sharma JB, Sanghvi S, Deora S, Kaushik A. Impact of Covid-19 outbreak on clinical presentation of patients admitted for acute heart failure in India. *Am J Emerg Med.* 2021 Jan;39:162–3. doi: 10.1016/j.ajem.2020.10.025. Epub 2020 Oct 16. PMID: PMC7563576.
15. Choudhary R, Singh K, Choudhary D, Kumar Gautam D, Mathur R, Deora S, Kaushik A, Bharat Sharma J. Patterns of care and mortality outcomes in patients admitted with acute coronary syndrome during coronavirus disease 2019 pandemic in India. *Coron Artery Dis.* 2021 Jan 18. doi:10.1097/MCA.0000000000001011
16. Choudhary R, Bohra GK, Kumar D. Hydroxychloroquine with or without Azithromycin in Covid-19. *N Engl J Med.* 2020 Dec 2;383(27):10.

17. Choudhary R, Kumari V. Aspirin versus P2Y12 inhibitor-based monotherapy after percutaneous coronary intervention. *Am Heart J.* 2020 Dec;230:99.
18. Choudhary R, Kumari V. COVID-19 and preterm birth - Authors' reply. *Lancet Glob Health.* 2020 Nov 20:S2214-109X(20)30458-7.
19. Kumari V, Mehta K, Choudhary R. COVID-19 outbreak and decreased hospitalisation of pregnant women in labour. *Lancet Glob Health.* 2020 Sep;8(9):e11116-e11117.
20. Kaushik A, Deora S, Choudhary R. Ticagrelor and Aspirin or Aspirin Alone in Acute Ischemic Stroke or TIA. *N Engl J Med.* 2020 Oct 22;383(17):1692-1693.
21. Kaushik A, Patel S, Dubey K. Digital cardiovascular care in COVID-19 pandemic: A potential alternative? *J Card Surg.* 2020 Dec;35(12):3545-3550.
22. Kaushik A, Patel S, Dubey K. COVID-19 and nuclear cardiology: Introducing the "forward" virtual visit. *J Card Surg.* 2021 Feb;36(2):783
23. Kaushik A, Kapoor A, Dabaghao P, Khanna R, Kumar S, Garg N, Tewari S, Goel PK, Sinha A. Use of strain, strain rate, tissue velocity imaging, and endothelial function for early detection of cardiovascular involvement in young diabetics. *Ann PediatrCardiol.* 2021 Jan-Mar;14(1):1-9.
24. Patel S, Kaushik A, Sharma AK. Prioritizing cardiovascular surgical care in COVID-19 pandemic: Shall we operate or defer? *J Card Surg.* 2020; 1–5.
25. Singh S, Mandal S, Chugh A, Deora S, Jain G, Khan A, Chugh VK. Clinical Post-operative Bleeding During Minor Oral Surgical Procedure and In Vitro Platelet Aggregation in Patients on Aspirin Therapy: Are they Coherent? *J Maxillofac Oral Surg.* 2021 Mar;20(1):132-137.

Non-Pubmed Indexed:

1. Atul K, Sharma JB, Surendra P, Choudhary R. Identifying "crossed aorta sign" in anomalous single origin of coronary arteries, *IHJ Cardiovascular Case Reports (CVCR)*, 2021 Jan; 5(1):62-65.
2. Kaushik A, Patel S, Sharma JB, Choudhary R. 2020. Catheter Induced Dissection of Right Coronary Artery during Percutaneous Coronary Intervention: A Case Report. *Cardiology and Angiology: An International Journal.* 2020; 9(4) (Oct. 2020): 34-37.

Workshops/ Conferences Organized:

1. Virtual Public lecture on World Heart Day. 29th Sep 2020. (Online)

Name of Faculty : Dr. Surender Deora

Designation: Associate Professor

Books/Chapters

1. Deora S, Goswami KC. Cardiogenic Shock: Current Trends in Classification and Management. *Cardiology Update 2020*, Cardiological Society of India. Evangal Publication: Page No.369-375

Sessions Chaired:

1. Faculty, Panelist. International Webinar on Digitally transforming the future of global public health, Jodhpur School of Public Health, 11th July 2020. (Online)
2. Faculty, Chairperson. Pulmonary Hypertension, Webinar of Cardiological Society of India – Rajasthan Branch, 09th July 2020. (Online)

Symposium Speaker

1. Heart Failure Therapy - Managing the drug cocktail, Knowledge Forum, 27th September 2020. (Online)

Research Project:

Ongoing:

As Principal Investigator:

1. WHF COVID-19 and Cardiovascular Disease Survey – World Heart Federation (WHF), Geneva, Switzerland.
2. Assessment of the diameter of distal radial artery and radial artery using ultrasound in patients of coronary artery disease undergoing percutaneous diagnostic or therapeutic intervention.
3. AIIMS Jodhpur Heart Failure Registry

As Co-Investigator

1. To assess the cardiac remodeling in patients undergoing surgical or percutaneous management for mitral stenosis with the application of speckle tracking echocardiography
2. The pattern of ambulatory blood pressure monitoring values among resident medical doctors and its correlation with serum melatonin, cortisol, and hs CRP levels.
3. Clinical presentation, Management & Outcomes of Heart Failure Patients in India-The Indian Heart Failure (HF) Registry Study-The Acute Heart Failure Registry in India – CURE-HF Study. (Delayed due to COVID)

Completed:

As Principal Investigator:

1. AIIMS Jodhpur Heart Failure Registry (AJHFR) - Prevalence of anemia and iron deficiency in heart failure female patients.

As Co-Investigator:

1. Patterns of care and mortality outcomes in patients admitted with acute coronary syndrome during coronavirus disease 2019 pandemic in India

Examinership

1. DM Cardiology, MDM Hospital, Dr SN Medical College, 10th Oct 2020
2. DM Cardiology, Gujarat University, Ahmedabad, 06th Feb 2021

Membership/Post in Journal or Society or Association

1. Assistant editor; Indian Heart Journal

National/ International Conferences attended:

1. Best of ACC cardiovascular Medicine. 24th-26th July 2020. (Online)
2. 7th Annual Conference of Heart Failure Association of India. 12th-14th Feb 2021. (Online)

Name of Faculty : Dr. Atul Kaushik

Designation : Assistant Professor

Papers Presented:

1. Percutaneous Coronary intervention for bifurcation lesions in patients with Acute Coronary Syndrome. American heart Association Annual conference, 2020. 13th-17th November 2020. (Online)

Symposium Speaker:

1. Precautions for cardiac patients during COVID-19. Collaboration with AIIMS, Delhi, and SGPGI, Lucknow. 29th September 2020. (Online)

Research Project:

Ongoing:

As Principal Investigator:

1. The pattern of ambulatory blood pressure monitoring values among resident medical doctors and its correlation with serum melatonin, cortisol and hs CRP levels.

As Co-Investigator

1. Role of Femoral Intima-media thickness in risk prediction of coronary artery disease, its association with markers of inflammation and atherosclerosis, and its role in accessing severity of coronary artery disease.
2. Prospective, observational study to assess the prevalence of complications in Cardiac surgical patients after early removal of chest drains.

Completed:

As Principal Investigator:

1. Trends of acute myocardial infarction during COVID-19 pandemic- A single-center observational study.

As Co-Investigator:

1. Patterns of care and mortality outcomes in patients admitted with acute coronary syndrome during coronavirus disease 2019 pandemic in India.

Membership/Post in Journal or Society or Association

1. Fellow; European Society of Cardiology (FESC).
2. Life Member; Cardiological Society of India (CSI).

National/ International Conferences attended:

1. Reviewer; Abstract committee for European Society of Cardiology Annual Congress, 2021.

Name of Faculty : Dr. Rahul Choudhary
Designation : Associate Professor (Trauma & Emergency)

Department of Cardio-Thoracic and Vascular Surgery

S.No.	Name	Designation
1	Dr. Alok Kumar Sharma	Associate Professor
2	Dr. Surendra Patel	Associate Professor
3	Dr. Anupam Das	Assistant Professor
4	Dr. Danishwar Meena	Assistant Professor

About the Department:

Cardio-Thoracic & Vascular Surgery is an area of surgery that specialized to work for Vascular, Thoracic, and Cardiac malformations or acquired diseases. Along with the exponential growth of AIIMS, Jodhpur, the Department of Cardio-Thoracic & Vascular Surgery has also come up in a distinguished manner in areas of teaching, research, and the patient care. Department has grown further with the addition of two new faculties. Department also started using its designated, Modular and Integrated OT on VI floor of D&T block. The Department of Cardio-Thoracic & Vascular Surgery at AIIMS, Jodhpur is presently involved in the diagnosis and management of Cardiac, Thoracic, and vascular cases. Cardiac cases include Valvular heart disease, coronary artery disease, congenital heart disease, and cardiac tumors. Vascular cases include surgery of the Aorta and Peripheral arterial disease. Emergency vascular surgeries are performed in acute limb ischemia due to Trauma and/or due to embolus. Thoracic surgeries include diseases of Lung, Pleural and Mediastinal structures and tumors of the Lung, Mediastinum, and Chest wall. Department has witnessed steep fall in the numbers of the OPD patients as well as operations due to ongoing COVID-19 pandemic.

We have catered a total of 713 patients, including 227 new patients in its Physical OPD in the year 2020-21. We had provided consultation to total 480 patients via Telemedicine. IPD admission were 109 patients. We have operated a total of 113 patients, including 61 open heart surgery cases, 33 vascular surgical cases, four thoracic surgical cases, and 15 others cases in 2020-21. We had mortality of four patients out of which two were cardiac and two were vascular surgery cases. The Department of Cardio-Thoracic & Vascular Surgery has allotted a total of 20 IPD beds from January, 2021, 12 for the male patients, and eight for female patients which were, later in the year, converted into COVID ICU beds. We were conducting telemedicine and physical OPD services five days a week and Elective Surgery five days a week. As pandemic forced us to differ all routine surgeries, we were operated only emergent or urgent surgeries in late part of the period. We were performing one major surgery on our operation theatre (OT) day and emergency surgery on an emergency basis in emergency OT. The Department also provides assistance to other departments in operation when any assistance is required for vascular injury/reconstruction or in thoracic surgery.

The Department has always been at the forefront in undergraduate teaching and is regularly conducting lectures and active participation in regular CGR and CPC being conducted in the Institute. This year our department has started M.Ch. Cardiothoracic and Vascular Surgery program and first student joined in July 2020 session. The PG students are also being posted in clinics of the department on a rotational basis.

Compiled list of Publications of the department

Pubmed indexed

- Patel S, Kaushik A, Sharma AK. Prioritizing cardiovascular surgical care in COVID-19 pandemic: Shall we operate or defer?. J Card Surg. 2020;10.1111/jocs.14864.

2. Patel S, Sharma AK, Meena D, Garg PK, Tiwari S, Ghosh TS. Extracranial carotid artery pseudoaneurysm due to Mycobacterium tuberculosis. Asian CardiovascThorac Ann. 2020;28(5):279–81.
3. Sharma AK, Patel S, Meena D, et al. Large sternal exostoses presenting as stridor: A surgical and anesthetic challenge. J Card Surg. 2020;10.1111/jocs.14770.
4. Garg PK, Patel S, Sharma AK, Khera PS. Retrograde radial arteriovenous fistula, post coronary artery intervention. J Card Surg. 2020;10.1111/jocs.14869.
5. Chaudhry R, Khullar S, Arif N, Sagar T, Meena D, Chowdhury UK. Clostridioides difficile from intracardiac vegetation. Anaerobe. Feb 2021;e 69: 102350.

Non-Pubmedindexed

1. Meena SP, Patel S, Rodha M, Lodha M. Non-Traumatic pseudoaneurysm of femoral artery a rare presentation. International Journal of Medical Science and Diagnosis Research (IJMSDR). April : 2020 ; 4 (4): 5-7
2. Kaushik A, Patel S, Sharma JB, Choudhary R. Catheter Induced Dissection of Right Coronary Artery during Percutaneous Coronary Intervention: A Case Report. Cardiology and Angiology: An International Journal. 2020; 9(4): 34-7.
3. Kaushik A, Sharma JB, Patel S, Choudhary R. Identifying “crossed aorta sign” in anomalous single origin of coronary arteries. IHJ Cardiovascular Case Reports (CVCR). 2021.

Eminent Visitors:

1. Prof. Dr Raj Kumar Yadav, Senior Professor and Head of Department, Department of Cardiothoracic and Vascular Surgery, SMS Medical college, Jaipur

Name of Faculty : Dr. Alok Kumar Sharma

Designation : Associate Professor

Research Project:

Ongoing:

Chief Investigator:

1. A quantitative assessment of changes in inflammatory cytokines in patients undergoing cardiac surgeries with allogenic and autologous blood transfusion. Intramural project

Co-Investigator:

1. Evaluation of Electrocardiographic Parameters and Serum Biomarkers in patients with Hypertrophic Cardiomyopathy. Intramural project
2. Role of Femoral Intima-media Thickness in risk prediction of Coronary artery disease, its association with markers of inflammation and atherosclerosis and its role in accessing severity of coronary artery disease.
3. Prospective, Observational study to assess the prevalence of complications in Cardiac surgical patients after early removal of chest drains.
4. Knowledge, attitude and practices among cardiac surgical patients towards COVID-19 and accessibility of medical care facilities during pandemic outbreak.

Examinership

1. M.Ch (CTVS). SMS Medical College, Jaipur, 17th October 2020.

National/ International Conferences attended:

1. 67th Annual Conference of Indian Association of Cardiovascular Thoracic Surgeons (IACTSCON): A Virtual Symposium, 26th -28th February 2021. (Online)
2. Annual Meeting. Society of Thoracic Surgeons (STS) 2020. 29th -30th January 2021. (Online)
3. Seminars and masterclasses conducted every weekend by Indian Association of Cardiovascular Thoracic Surgeons (IACTS), June 2020- November 2020. (Online)
4. 9th International Aortic Summit. 12th-13th December 2020. (Online)
5. Attended online seminars and masterclasses conducted every weekend by IACTS for five months
6. Workshop held by MGRSBY for implementation of scheme

Name of Faculty : Dr. Surendra Patel

Designation : Associate Professor

Research Project:

Ongoing:

As Principal Investigator

1. Role of Femoral Intima-media Thickness in risk prediction of coronary artery disease, its association with markers of inflammation and atherosclerosis and its role in accessing severity of coronary artery disease.
2. Prospective, Observational study to assess the prevalence of complications in Cardiac surgical patients after early removal of chest drains.

As co-investigators

1. A quantitative assessment of changes in inflammatory cytokines in patients undergoing cardiac surgeries with allogenic and autologous blood transfusion.
2. Pattern of Ambulatory blood pressure monitoring values among resident medical doctors and its correlation with serum melatonin, cortisol and hs CRP levels.
3. Knowledge, attitude and practices among cardiac surgical patients towards COVID-19 and accessibility of medical care facilities during pandemic outbreak.
4. Trends of Acute Myocardial infarction during COVID-19 Pandemic- A single centre observational study.
5. Experience of thoracic trauma at AIIMS, Jodhpur.

National/ International Conferences attended:

1. 67th Annual Conference of Indian Association of Cardiovascular Thoracic Surgeons (IACTSCON): A Virtual Symposium, 26th -28th February 2021. (Online)
2. Seminars and masterclasses conducted every weekend by Indian Association of Cardiovascular Thoracic Surgeons (IACTS), June 2020- November 2020. (Online)
3. 9th International Aortic Summit. 12th-13th December 2020. (Online)

Name of Faculty : Dr. Anupam Das

Designation : Assistant Professor

Membership/Post in Journal or Society or Association :

1. Member; European Board of Cardiothoracic Surgery, Windsor, UK

National/ International Conferences attended:

1. 67th Annual Conference of Indian Association of Cardiovascular Thoracic Surgeons: A Virtual Symposium. (Online)

Name of Faculty : Dr. Danishwar Meena

Designation : Assistant Professor

Research Project:

Ongoing:

As Principal Investigator

1. Knowledge, attitude and practices among cardiac surgical patients towards COVID-19 and accessibility of medical care facilities during pandemic outbreak.

National/ International Conferences attended:

1. 67th Annual Conference of Indian Association of Cardiovascular Thoracic Surgeons: A Virtual Symposium. (Online)

Department of Community Medicine & Family Medicine

S. No.	Name	Designation
1.	Dr. Pankaja Ravi Raghav	Professor & Head
2.	Dr. Pankaj Bhardwaj	Additional Professor
3.	Dr. Neeti Rustagi	Additional Professor
4.	Dr. Srikanth Srinivasan	Associate Professor
5.	Dr. Manoj Kumar Gupta	Associate Professor
6.	Dr. Naveen K.H	Associate Professor
7.	Dr. Prem Prakash Sharma	Associate Professor
8.	Dr. Akhil Dhanesh Goel	Associate Professor
9.	Dr. Prasanna Thirunavukkarasu	Associate Professor
10.	Dr. Suman Saurabh	Assistant Professor

About the Department:

Teaching and Training: The Department of Community Medicine and Family Medicine is engaged in training postgraduate students for clinical skills, teaching skills, leadership, conducting research and administrative skills through various PG activities. The training for clinical skills is provided to undergraduates at health centres under the supervision of faculty members. The department runs "Family Health Advisory Services (FHAS)" to study disease related factors and environment in the family and community. The department is involved in teaching full course in Biostatistics to Postgraduate students (MSc-Nursing) in AIIMS Jodhpur and support for teaching whole course of Biostatistics to Postgraduate MD (Ayurved) students in Dr. Sarvepalli Radhakrishnan Rajasthan Ayurved University, Jodhpur. Due to Covid -19 situation, on line classes were held.

Patient Care: The patient care services is being provided by the department in rural and urban Jodhpur area through the following four centres:

- (i) Urban Health Training Centre, (Shree Swami Prabhutanand Government Hospital), Pratap Nagar
- (ii) Centre for Rural Health AIIMS (CRHA), Dhawa,
- (iii) Centre for Rural Health AIIMS (CRHA), Keru
- (iv) Centre for Rural Health AIIMS (CRHA), Dhundhara.

During the year of COVID 19, a total of 29867 patients were seen through as well as telemedicine and physically (Dhawa 6410 Pratap Nagar 11516 Keru- 6519 Dhundhera 5422). The department provides regular Immunization services, breastfeeding, complementary feeding & counseling to mothers of under-2 Children.

Health Education: The department emphasis the activities related to health education in the form of Lectures, street play, Quiz, etc for creating public awareness. The department had organized various activities in the rural and urban centres near to Jodhpur as under.

- World AIDS Day was celebrated on 1st Dec 2020 in Dhundhara, Dhawa and Keru centres. Health talks were delivered for causes & prevention of AIDS in batches of twenty patients while maintaining COVID-19 preventive measures. IEC material was displayed in the OPD. The theme of the day was "Ending the HIV/AIDS Epidemic: Resilience & Impact".
- Health talk was provided to the patients on International Day of Persons with Disabilities emphasizing on challenges faced by patients with disabilities and relevant government policies and schemes to

address their issues. Posters prepared by PG Students against stigma towards people with disability were displayed about the support needed for persons with disability.

- World Leprosy Day was observed - 30th January, 2021 with the inauguration of Leprosy SPARSH Awareness Campaign in all the centres. Our team along with the CHC Dhundhara team under MOIC Dr. G R Dhaiya carried out various awareness activities to mark this occasion. A pledge was carried out not to discriminate amongst the person suffering from leprosy. Frontline health care workers were trained for identifying a suspect case and to enable them in availing a proper and complete treatment. The theme for this year was: "Beat Leprosy, End Stigma and advocate for Mental Wellbeing". Healthcare workers and patients were made aware of the disease, its mode of spread, treatment and the stigma persisting through a health talk.
- World Cancer Day was celebrated on 4th February 2021 in all the centres. IEC material prepared by doctors was displayed to educate the people visiting the hospital. The IEC materials contained information pertaining to early sign and symptoms of common cancers, risk factors, diagnosis and availability of screening services and management.
- National Deworming Day was also observed on 04th Feb 2021 UHTC Pratap Nagar, At the Anganwadi centre near UHTC Pratap Nagar, health education was given regarding the benefits of Deworming children, why children should be dewormed and impact of worm infections on a child's health. Albendazole tablets were also distributed.
- Measles Immunisation Day was observed on 10th Feb 2021. A health awareness session was conducted by the residents and interns.
- World Hearing Day was observed on 3rd March 2021 by delivering health talk by residents using IEC materials. Interns conducted role play in Pratap Nagar Hospital on hearing disability and possible preventive and curative services. health education was imparted and importance of hygiene in preventing hearing losses due to infections was explained. The information regarding early sign and symptoms of hearing related disabilities were explained to them with help of IEC materials in groups of 3-4 persons maintaining social distance.
- Glaucoma Awareness Week was observed from 7th to 13th March 2021, Glaucoma Awareness activities were conducted at CRHA Keru on 12th March 2021. On this occasion a puppet show, skit and health talk were conducted on prevention of blindness due to glaucoma through early detection and management, general eye care and preventive measures were emphasized. The session was also attended by village Sarpanch, ANMs.
- Measles Immunization Day was observed on 16th March 2021, Health talk was delivered at PNC ward of CRHA Keru regarding the disease and importance of Immunization. Team also advised to get all the children vaccinated according to the schedule at correct time to avoid the occurrence of Vaccine preventable diseases.
- World TB Day was observed on 24th March 2021. Though the activities were carried out over a week from 20th March 2021 till 25th March at CRHA Keru. Health talk session, one-to-one counselling and skit for general population were imparted at CRHA Keru. Poster-making competition on Tuberculosis were organized for school going students at Government senior secondary school in Keru, to educate about TB as a public health problem. All the posters prepared by students were displayed in school premises to encourage the students. Prize distribution ceremony for the poster competition was organized at Govt senior secondary school to felicitate the winners.
- World TB day was celebrated on 24th March 2021, a health education talk in all the centres for Anganwadi workers and helpers was made. Importance of early sputum testing and prevention of transmission of TB in family was explained. Information regarding National TB Elimination Programme, adherence to treatment and benefits of completing DOTS, sputum disposal, importance of good diet in TB was explained. IEC materials prepared by Residents was displayed. On the eve of this day ie on 23rd March role play was also done in Dhawa in which ICDS supervisor also participated in the

session. This event was also covered by the media. This media coverage received wide publicity across Rajasthan through television channels which is available through the following link: <https://www.facebook.com/watch/?v=447509063137993>

Compiled list of Publications of the department

Publications

Pubmed Indexed:

1. Mathur P, Kulothungan V, Leburu S, Krishnan A, Chaturvedi HK, Salve HR, Amarchand R, Nongkynrih B, Kumar PG, K S VU, Ramakrishnan L, Laxmaiah A, Boruah M, Kumar S, Patro BK, Raghav PR, Rajkumar P, Sarma PS, Sharma R, Tambe M, Thankappan KR, Arlappa N, Mahanta TG, Joshi RP, Rustagi N, Gupta S, Behera BK, Shelke SC, Galhotra A, Bhuyan PJ, Pakhare AP, Kumar D, Topno RK, Gupta MK, Trivedi AV, Garg S. National noncommunicable disease monitoring survey (NNMS) in India: Estimating risk factor prevalence in adult population. *PLoS One*. 2021 Mar 2;16(3):e0246712.
2. Morya AK, Gowdar J, Kaushal A, Makwana N, Biswas S, Raj P, Hegde S, Velis G, Padua W, Nazm N, Jeganathan S, Choudhary S, Parashar N, Sharma B, Raghav P. Evaluating the Viability of a Smartphone-Based Annotation Tool for Faster and Accurate Image Labelling for Artificial Intelligence in Diabetic Retinopathy. *Clin Ophthalmol*. 2021 Mar 8;15:1023-1039.
3. Singh G, Jaiswal A, Goel AD, Raghav P. Opium Usage and Risk of Head and Neck Cancer: A Systematic Review and Meta-Analysis. *Asian Pac J Cancer Prev*. 2021 Mar 1;22(3):661-670.
4. Rustagi N, Jaiswal A, Kelly D, Dutt N, Sinha A, Raghav P. Measuring medical graduate behavioral intention for administering on-site care to road traffic accident victims: Development and validation of a questionnaire. *Indian J Public Health*. 2021 Jan-Mar;65(1):39-44.
5. Gautam V, Rustagi N, Mittal A, Patel M, Shafi S, Thirunavukkarasu P, Raghav P. Health literacy, preventive COVID 19 behaviour and adherence to chronic disease treatment during lockdown among patients registered at primary health facility in urban Jodhpur, Rajasthan. *Diabetes Metab Syndr*. 2021 Jan-Feb;15(1):205-211.
6. Krishnan A, Gupta V, Nongkynrih B, Kumar R, Kaur R, Malhotra S, Salve HR, Narayan V, Gupta A, Raghav P as a part of MINErVA Network. Mortality in India established through verbal autopsies (MINErVA): Strengthening national mortality surveillance system in India. *J Glob Health*. 2020 Dec;10(2):020431.
7. N Rustagi, P Raghav, N Dutt, A Sinha, M S Rodha, Assessing continuum of trauma care for road accident victim in Jodhpur, Rajasthan, *European Journal of Public Health*. 2020; 30(5)
8. P Raghav, M K Gupta, N Rustagi, N Mishra, S Garg, Systems approach for assessment of maternal deaths in Rajasthan: A feasibility study. *European Journal of Public Health*. 2020; 30 (5).
9. Gupta MK, Gautam V, Raghav P, Choudhary Y, Ladha N. Predictors of depression and dementia among elderly people in rural Jodhpur. *Asian J Psychiatr*. 2020 Dec; 54:102419.
10. Raghav P, Jaiswal A, Gupta MK, Rajavel S, Dhupar D. Sociodemographic Profile of Workers in the Mining Industry of Jodhpur District in Rajasthan, India. *Indian J Occup Environ Med*. 2020 May-Aug;24(2):91-95.
11. Jaiswal A, Manchanda S, Gautam V, Goel AD, Aneja J, Raghav PR. Burden of internet addiction, social anxiety and social phobia among University students, India. *J Family Med Prim Care*. 2020 Jul 30;9(7):3607-3612.
12. Gupta MK, Raghav P, Gautam V, Bhardwaj P, Rustagi N, Naveen KH, Gothwal M. Steering the predictors to improve the knowledge and utilization of partograph by skilled birth attendants: An intervention study. *J Family Med Prim Care*. 2020 Jun 30;9(6):3082-3087.

13. Rajavel S, Raghav P, Gupta MK, Muralidhar V. Silico-tuberculosis, silicosis and other respiratory morbidities among sandstone mine workers in Rajasthan- a cross-sectional study. *PLoS One*. 2020 Apr 16;15(4):e0230574.
14. Saurabh S, Verma MK, Gautam V, Kumar N, Jain V, Goel AD, Gupta MK, Sharma PP, Bhardwaj P, Singh K, Nag VL, Garg MK, Misra S. Tobacco, alcohol use and other risk factors for developing symptomatic COVID-19 vs asymptomatic SARS-CoV-2 infection: a case-control study from western Rajasthan, India. *Trans R Soc Trop Med Hyg*. 2021, 10.1093/trstmh/traa172. Pub Med.
15. Gupta MK, Bhardwaj P, Goel AD, Saurabh S, Misra S. Trends of Epidemiological and Demographic Indicators of COVID-19 in India. *J Infect Dev Ctries*. 2021 May 31;15(5):618-624.
16. Chauhan NK, Shadrach BJ, Garg MK, Bhatia P, Bhardwaj P, Gupta MK, Dutt N, Jalandra RN, Garg P, Nag VL, Sharma P, Bohra GK, Kumar D, Elhence PA, Banerjee M, Mathur D, Purohit AHL, Gadepalli R, Sureka B, Misra S. Predictors of Clinical Outcomes in Adult COVID-19 Patients Admitted to a Tertiary Care Hospital in India: an analytical cross-sectional study. *Acta Bio Medica Atenei Parmensis* 2021;92(1): DOI <https://doi.org/10.23750/abm.v92i1.10630>
17. Dutta S, Kaur RJ, Bhardwaj P, Charan J, Bist SKS, Detha MD, Kanchan T, Sharma P, Misra S. Household Transmission of COVID-19: A Cross-Sectional Study. *Infect Drug Resist*. 2020; 13: 4637-4642.
18. Kaur RJ, Charan J, Dutta S, Sharma P, Bhardwaj P, Sharma P, Lugova H, Krishnapillai A, Islam S, Haque M, Misra S. Favipiravir Use in COVID-19: Analysis of Suspected Adverse Drug Events Reported in the WHO Database *Infect Drug Resist*. 2020; 13: 4427-4438.
19. Charan J, Saxena D, Chaudhri M, Dutta S, Kaur R, Bhardwaj P. Opinion of patients seeking primary care, regarding prescription of generic drugs: A Cross-sectional study. *Journal of Family Medicine and Primary Care*. 2020; 9: 5725-5730.
20. Ladha N, Bhardwaj P, Charan J, Mitra P, Goyal JP, Sharma P, et al Association of Environmental Parameters with COVID-19 in Delhi, India. *Ind J Clin Biochem*. 2020; 35: 497-501
21. Charan J, Kaur R, Bhardwaj P, Kanchan T, Yadav D, Mitra P, et al. Snapshot of COVID-19 Related Clinical Trials in India. *Ind J Clin Biochem* 2020; 35: 418 – 422.
22. Kaur R, Charan J, Reljic T, Singh S, Bhardwaj P, Tsalatsanis A, Kumar A Relationship between clinical trials and disease burden of India: A cross-sectional study. *J Pharm Bioall Sci*. 2020; 12: 269-76.
23. Dutta S, Kaur RJ, Bhardwaj P, Charan J, Bist SKS, Detha MD, Kanchan T, Sharma P, Misra S. Household Transmission of COVID-19: A Cross-Sectional Study. *Infect Drug Resist*. 2020;13:4637-4642
24. Charan J, Bhardwaj P, Dutta S, Kaur R, Bist SK, Detha MD, Kanchan T, Yadav D, Mitra P, Sharma P Use of Complementary and Alternative Medicine (CAM) and Home Remedies by COVID-19 Patients: A Telephonic Survey *Indian J Clin Biochem* 2020. 31; 4:1-4.
25. Charan J, Kaur RJ, Bhardwaj P, Haque M, Sharma P, Misra S, Godman B. Rapid review of suspected adverse drug events due to remdesivir in the WHO database; findings and implications. *Expert Rev Clin Pharmacol*. 2021 Jan;14(1):95-103
26. Saurabh S, Kumar R, Gupta MK, Bhardwaj P, Nag VL, Garg MK, Misra S. Prolonged persistence of SARS-CoV-2 in the upper respiratory tract of asymptomatic infected individuals QJM: an international journal of medicine. 2020; 113:8: 556-60
27. Saurabh S, Bhardwaj P. Author's reply to correspondence regarding the article 'Prolonged persistence of SARS-CoV-2 in the upper respiratory tract of asymptomatic infected individuals'. *QJM an international journal of medicine*. 2021 Apr 27;114(2):140-141

28. Saurabh S, Verma MK, Gautam V, Kumar N, Goel AD, Gupta MK, Bhardwaj P, Misra S Transmission Dynamics of the COVID-19 Epidemic at the District Level in India: Prospective Observational Study *JMIR Public Health Surveill* 2020; 6:4. e22678m
29. Saurabh S, Kumar R, Kumar N, Bhardwaj P, Nag VL, Garg MK, Misra S. Dynamics of SARS-CoV-2 transmission among indian nationals evacuated from Iran. *Disaster Med Public Health Prep.* 2020 Oct 22:1-7. doi: 10.1017/dmp.2020.393.
30. Goel AD, Bhardwaj P, Gupta M, Kumar N, Jain V, Misra S, Saurabh S, Garg MK, Nag VL Swift contact tracing can prevent transmission- Case report of an early COVID-19 positive case. *J Infect Public Health.* 2020. 14:2, 260-262. doi: 10.1016/j.jiph.2020.12.022. Epub 2020 Dec 29.
31. Dabar Deepti, Yadav Vikas, Goel Akhil D, Mangal Abha, Prasad, Bhardwaj P, Singh Mahendra. Risk factors for undernutrition in under-five children living in a migrant populated area of South Delhi. *Journal of family medicine and primary care.* 2020; 09: 2022-2027.
32. Mathur D, Patel M, Vyas P, Kaushal R, Dash GC, Goel AD, Bhardwaj P, Gupta MK, Joshi NK. Revitalising community engagement and surveillance challenges for strengthening dengue control in Jodhpur, western Rajasthan, India - A mixed method study. *Journal of infection and public health* 2020; 13: 1755-1761.
33. Patel, Mamta; Bhardwaj P; Nebhinani, Naresh; Goel, Akhil Dhanesh; Patel, Kamlesh Prevalence of psychiatric disorders among older adults in Jodhpur and stakeholders perspective on responsive health system. *Journal of Family Medicine and Primary Care.* 2020; 9: 714-720.
34. Samaddar A, Gadepalli R, Nag VL, Misra S, Bhardwaj P, Singh P, Meena M, Sharma PP, Grover M, Kumar Garg M, Chauhan NK, Dutt N, Niwas R, Kumar D, Sharma P, Goel AD, Kumar Gupta M, Saurabh S, Rai S, Lawdiya C, Saini J, Singh D. Viral Ribonucleic Acid Shedding and Transmission Potential of Asymptomatic and Paucisymptomatic Coronavirus Disease 2019 Patients. *Open Forum Infect Dis.* 2020 Dec 8;8(1): ofaa599.
35. GRID study group (Mohapatra A, Gupta MK et.al). Combating the COVID-19 pandemic in resource-constrained setting: An account of India's initial response. *BMJ Global Health* 2020; 5: e003416
36. Setty NKH, Sukumar GM, Majgi SM, Goel AD, Sharma PP, Anand MB. Prevalence and factors associated with effective helmet use among motorcyclists in Mysuru City of Southern India. *Environ Health Prev Med.* 2020; 25: 47.
37. Naveen KH, Goel AD, Dwivedi S, Hassan MA. Adding life to years: Role of gender and social and family engagement in geriatric depression in rural areas of Northern India. *J Family Med Prim Care* 2020; 9:721-8.
38. Yadav G, Chambial S, Agrawal N, Gothwal M, Kathuria P, Singh P, Sharma P, Sharma PP. Blood lead levels in antenatal women and its association with iron deficiency anemia and adverse pregnancy outcomes. *J Family Med Prim Care* 2020; 9:3106-11.
39. Dwivedi R, Sharma C, Bhardwaj P, Singh K, Joshi N, Sharma PP. Effect of peer educator –PRAGATI (Peer Action for Group awareness through Intervention) on knowledge, attitude and practice of menstrual hygiene in adolescent school girls. *J Family Med Prim Care* 2020; 9: 3593-9.
40. Chauhan NK, Elhence P, Deokar K, Dutt N, Sharma PP, Kuwal A, Kumar S, Niwas R. Vascular Patterns on narrow band imaging (NBI) video bronchoscopy of lung cancer patients and its relationship with histology: an analytical cross-sectional study. *Adv Respir Med.* 2021; 89: 30-36.
41. Kaur R, Kant S, Goel AD, Bhatia H, Murry L. A quality improvement intervention to improve early initiation of breastfeeding among newborns delivered at a secondary level hospital in northern India. *Med J Armed Forces India.* 2021 Apr;77(2):230-236.

42. Sharma A, Vyas V, Goyal S, Bhatia P, Sethi P, Goel AD. Nasogastric tube insertion using conventional versus bubble technique for its confirmation in anesthetized patients: a prospective randomized study. *Braz J Anesthesiol.* 2021 Mar 22; S0104-0014(21)00099-3.
43. Bansal M, Kaur K, Gupta A, Goyal D, Girdhar N, Chopra V, Bhagat S, Goel AD. Prevalence of aspergillus skin hypersensitivity in allergic rhinitis. *Monaldi Arch Chest Dis.* 2021 Mar 9. doi: 10.4081/monaldi.2021.1416. Online ahead of print.
44. Yadav V, Dabar D, Goel AD, Bairwa M, Sood A, Prasad P, Agarwal SS, Nandeshwar S. Prevalence of Hypothyroidism in Pregnant Women in India: A Meta-Analysis of Observational Studies. *J Thyroid Res.* 2021 Feb 19; 2021:5515831.
45. Varshney VK, Sreesanth KS, Kombade SP, Soni SC, Kaur N, Goel AD, Nag VL. Bacterial flora in the bile: Clinical implications and sensitivity pattern from a tertiary care centre. *Indian J Med Microbiol.* 2021 Jan;39(1):30-35.
46. Yadav V, Jain A, Dabar D, Goel AD, Sood A, Joshi A, Agarwal SS, Nandeshwar S. A meta-analysis on the prevalence of depression in perimenopausal and postmenopausal women in India. *Asian J Psychiatr.* 2021 Mar;57: 102581.
47. Kaur R, Kalaivani M, Goel AD, Goswami AK, Nongkynrih B, Gupta SK. Burden of falls among elderly persons in India: A systematic review and meta-analysis. *Natl Med J India.* 2020 Jul-Aug;33(4):195-200.
48. Bansal Y, Maurya V, Aggarwal N, Tak V, Nag VL, Purohit A, Goel AD, Bohra GK, Singh K. Thrombocytopenia in malaria patients from an arid region of Western Rajasthan (India). *Trop Parasitol.* 2020 Jul-Dec;10(2):95-101.
49. Goswami D, Singh K, Bhardwaj P, Panda S, Goel A, Joshi N, Khichar S, Puri I. Economic Burden of Acute Stroke Care in Beneficiaries and Non-Beneficiaries under Social Security Schemes at Tertiary Care Hospitals of Western Rajasthan. *Ann Indian Acad Neurol.* 2020 Sep-Oct;23(5):661-665.
50. Kaushal R, Bhardwaj P, Goel AD, Shekhar S, Kumar P, Goyal JP. Prevalence of Asthma and Sleep-Related Breathing Disorder in School-Going Children. *Indian J Community Med.* 2020 Oct-Dec;45(4):539-542.
51. Bolia R, Goel Akhil, Srivastava A. Systematic Review and Meta-Analysis of Thiopurine Metabolite Levels and Biochemical Remission in Autoimmune Hepatitis *Ther Drug Monit.* 2020 Dec 17. doi: 10.1097/FTD.0000000000000848. Online ahead of print.
52. GRID COVID-19 Study Group. Combating the COVID-19 pandemic in a resource-constrained setting: insights from initial response in India. *BMJ Glob Health.* 2020 Nov;5(11): e003416.
53. Gupta N, Agrawal S, Goel AD, Ish P, Chakrabarti S, Suri JC. Profile of sleep disordered breathing in heart failure with preserved ejection fraction. *Monaldi Arch Chest Dis.* 2020 Nov 9;90(4).
54. Sood A, Goel A, Boda S, Mathur R. Prediction of significant OHSS by ovarian reserve and ovarian response - implications for elective freeze-all strategy. *Hum Fertil (Camb).* 2020 Aug 24:1-7.
55. Agrawal S, Goel AD, Gupta N, Lohiya A, Gonuguntla HK. Diagnostic utility of endobronchial ultrasound (EBUS) features in differentiating malignant and benign lymph nodes - A systematic review and meta-analysis *Respir Med.* 2020 Sep; 171:106097.
56. Dabar D, Yadav V, Goel AD, Mangal A, Prasad P, Singh M. Risk factors for undernutrition in under-five children living in a migrant populated area of South Delhi. *J Family Med Prim Care.* 2020 Apr 30;9(4):2022-2027.
57. Ish P, Agrawal S, Goel AD, Gupta N. Contact tracing: Unearthing key epidemiological features of COVID-19. *SAGE Open Med Case Rep.* 2020 Jun 24; 8:2050313X20933483.

58. Sureka B, Jha S, Rodha MS, Chaudhary R, Elhence P, Khera PS, Garg PK, Yadav T, Goel A. Combined hyperdense gallbladder wall-lumen sign: new computed tomography sign in acute gangrenous cholecystitis. *Pol J Radiol.* 2020 Apr 9; 85:e183-e187.
59. Agrawal S, Gupta N, Goel AD. Evidence Based Treatment of SARS-CoV2: A Narrative Review *Turk Thorac J.* 2020 May;21(3):221-222.
60. Lohiya A, Suliankatchi Abdulkader R, Rath RS, Jacob O, Chinnakali P, Goel AD, Agrawal S. Prevalence and patterns of drug resistant pulmonary tuberculosis in India-A systematic review and meta-analysis *J Glob Antimicrob Resist.* 2020 Sep; 22:308-316.
61. Rajan MB, Bhardwaj A, Singh S, Bains A, Thirunavukkarasu P, Kumar MP. Identification of novel step- up regimen of intralesional triamcinolone acetonide in scalp alopecia areata based on a double- blind randomized controlled trial. *Dermatologic Therapy.* 2021; 34: e14555.
62. Saurabh S, Yadav RK. Re-calibration of insecticide measuring containers could prevent underdosing of insecticide during Indoor Residual Spraying (IRS) for visceral leishmaniasis (kala-azar) elimination in India. *Trans R Soc Trop Med Hyg* 2020; 114(7): 549-552.
63. Saurabh S. Time for a village-level strategy for the elimination of kala-azar (visceral leishmaniasis) in India: analysis of potential kala-azar outbreak situation in 2018. *Tropical Doctor.* 2021; 51(1):84-91.
64. Saurabh S, Vohra C. What should be the criteria for determining asymptomatic status in COVID- 19. *QJM.* 2021 Jan 24: hcab002.
65. Saurabh S, Roy P, Pandey D et al. Changing clinico-epidemiology of Post-kala-azar Dermal Leishmaniasis (PKDL) in India: results of a survey in 4 endemic states. *J Vector Borne Dis.* 2020;57(2):161-4.
66. Jain J, Saurabh S, Kumar P, Verma MK, Goel AD, Gupta MK, Bhardwaj P, Raghav PR. COVID-19 vaccine hesitancy among medical students in India. *Epidemiol Infect.* 2021 May 20;149: e132.

Non-Pubmed Indexed:

1. Nanjundaswamy BL, Surendran KAK, Sathish S , Setty NKH, Chandrakumar L. Changing trends in sexually transmitted diseases during a seven year period- A retrospective study in STD clinic of a tertiary care hospital. *IP Indian J Clin Exp Dermatol* 2020;6(1):35-40.
2. Dutta S, Kaur R, Haque M, Bhardwaj P, Saxena D, Rahman NAA, Lugova H, Jahan D, Islam S, Chowdhury TS, Charan J Terminated Interventional Trials in the Clinical Trial Registry of India Database: An Analysis to Evaluate the Reasons for Termination. *Open Access Journal of Clinical Trials.* 2020.12. 61-70.

Workshops/ Conferences Organized

1. Online Interactive CME on “National Statistics Day”. AIIMS Jodhpur. 29th June 2020. (Online)
2. A capacity building programme for high level officials, administrators, doctors, and counsellors in three major areas related to COVID-19. Under Indian Technical and Economic Cooperation Programme, Ministry of External Affairs, Government of India and AIIMS Jodhpur. 22nd, 25th and 26th June 2020.
3. COVID-19 Patient Management Training Program. AIIMS Jodhpur, 4th -18th August 2020.
4. Webinar and Interactive Session on “Psychological Wellbeing of Health Care Workers”. AIIMS Jodhpur. 14th August 2020. (Online)
5. Series of Webinar on Therapeutic Diets 2020. AIIMS Jodhpur, 30th September 2020 -7th November 2020. (Online)

6. Webinar and Panel Discussion on "Yoga and COVID-19 Pandemic". AIIMS Jodhpur, 27th August 2020. (Online)
7. Training of Trainer (ToT) Screening of Common Cancers for Medical Officers from Govt. of Rajasthan. AIIMS Jodhpur, 24th-28th August 2020; 27th January- 5th February 2021; 15th -19th February 2021 and 22nd - 26th March 2021.
8. Chemical, Biological, Radiological, Nuclear, and Explosives (CBRNE) course (IGNOU Learner Study Centre). AIIMS, Jodhpur. (Session 2020-2021).
9. Pre-conference CME in IAPSMCON 2021 on " Hands on Mentorship for Journal Club presentation skills for young Public Health professionals". PGI Chandigarh, 17th March 2021. (Online)

Eminent Visitors:

1. Prof RM Pandey, Prof & Head Dept. of Biostatistics and Prof SK Nair, Prof & Head, Dept. of Biostatistics, JIPMER, Puducherry presented during Online Interactive CME on "National Statistics Day on 29th June 2020" at AIIMS Jodhpur.
2. Prof AM Kadri, Department of Community Medicine, BJ Medical College, Ahmedabad.

Name of Faculty: Dr. (Mrs.) Pankaja Raghav

Designation: Professor and Head

Books/Chapters:

1. Raghav P, Gupta MK. Occupational Health. In IAPSM Textbook of Community Medicine 2nd ed., Kadari AM, India, JAYPEE publisher 2019.

Papers Presented:

1. Assessment of awareness of COVID-19 and quality of life among silica-exposed workers and their families of Jodhpur in COVID-19 setting. 48th Annual National IAPSM Conference 2021, March 2021, PGIMER Chandigarh.
2. Systems approach for assessment of maternal deaths in Rajasthan: A feasibility study, 16th World Congress on Public Health (WCPH 2020), 12th -16th October 2020, Rome, Italy. (Online)
3. Presented e-poster titled "Assessment of health status and exploring health seeking behavior among silica-exposed workers and their families of Jodhpur during COVID-19 Pandemic- A mixed methods approach" held online at PGIMER Chandigarh, India. (Online)
4. Harimadhav V, Raghav P. Assessment of occupational health risk and safety related practices of industry workers in Jodhpur. 71st National Conference of Indian Association of Occupational Health, Virtual OCCUCON 2021, 13th -14th March 2021. (Online)
5. Jaiswal A, Raghav P. Effect of opium and other addictive drugs usage in the rural population of Western India. 48th Annual National IAPSM Conference 2021, March 2021, PGIMER Chandigarh.
6. Mittal A, Rustagi N, Raghav P, Prasanna T. Determinants of tobacco use in school going adolescents of urban jodhpur: theory of planned behavior based study. 48th Annual National IAPSM Conference 2021, March 2021, PGIMER Chandigarh
7. Tanvir T, Gupta MK, Raghav P, Goel AD. Empowerment and Engagement of Adolescent Girls Regarding Reproductive Health in Rural Jodhpur: An intervention study. 48th Annual National IAPSM Conference, March 2021, PGIMER Chandigarh.
8. Mittal A, Rustagi N, Raghav P, Prasanna T. Determinants of tobacco use in school going adolescents of urban jodhpur: theory of planned behavior based study. 48th Annual National IAPSM Conference 2021, March 2021, PGIMER Chandigarh.

9. Sridevi G, Singh G, Gupta MK, Goel AD, Bhardwaj P, Raghav P. Status of musculoskeletal disease among the health care personnel: A Systematic Review. 48th Annual National IAPSM Conference 2021, March 2021, PGIMER Chandigarh.
10. Viswanathan H, Raghav P, Sharma PP. Epidemic Preparedness of Primary and Secondary Level Government Healthcare Facilities in Jodhpur. 48th Annual National IAPSM Conference 2021, March 2021, PGIMER Chandigarh.
11. Gupta M, Raghav P, Saurabh S, Singh G. Quality of life and health status of inhabitants in and around mines: A review. 48th Annual National IAPSM Conference 2021, March 2021, PGIMER Chandigarh.
12. Rehana V R, Prasanna T, Raghav P. What is the Foot Health Risk Profile of Women with Diabetes in Urban Jodhpur? 48th Annual National IAPSM Conference 2021, March 2021, PGIMER Chandigarh.
13. Singh G, Jaiswal A, Raghav P, Rustagi N. An ambispective community-based survival study of common cancers in rural Jodhpur, Rajasthan. 48th Annual National IAPSM Conference 2021, March 2021, PGIMER Chandigarh.
14. Singh G, Raghav P, Rustagi N. Health seeking behaviour among cancer patients using GIS in rural Jodhpur: A mixed methods study. 48th Annual National IAPSM Conference 2021, March 2021, PGIMER Chandigarh.
15. Mittal A, Rustagi N, Raghav P, Prasanna T. Effectiveness of theory of planned behavior based cancer prevention education in improving dietary practices of school going adolescents: School based cluster randomized intervention study. 48th Annual National IAPSM Conference 2021, March 2021, PGIMER Chandigarh.
16. Pritish Baskar T B, Raghav P, Naveen K H. Assessment of Frailty Index and Falls Risk among Urban Elderly of Jodhpur - A Cross-sectional Study. 48th Annual National IAPSM Conference 2021, March 2021, PGIMER Chandigarh.
17. Pritish Baskaran T B, Gupta MK, Raghav P, Naveen K H. Exploring Frailty and its Domains - A Bibliometric Analysis of the Literature. 48th Annual National IAPSM Conference 2021, March 2021, PGIMER Chandigarh.

Sessions Chaired:

1. National Conference of Epidemiology Foundation of India (EFICON-2020), AIIMS, Rishikesh, 19th - 20th December 2020.

Invited Lectures:

1. Workshop on "Early Detection of silicosis and its management" for workers and supervisors exposed to silica sand, 5th - 7th October 2020. (Online)

Symposium Speaker:

1. Webinar on COVID-19 Pandemic- An Uninvited Guest. Poornima College of Engineering, Jaipur, 18th May 2020. (Online)
2. Webinar on Interventions to Strengthen the Rajasthan Policy on Pneumoconiosis. 27th March 2021. (Online)
3. Webinar on Cervical cancer strategies for prevention and control. Dubai, 20th February 2021. (Online)

Resource Faculty:

1. Resource person webinar on addressing covid 19 changing perspectives. 14th August 2020

2. Plenary session. Nutrition challenges of working mothers, National Conference on Nutrition and Health, Department of Community Medicine and Family Medicine, AIIMS Mangalagiri, 13th September 2020.
3. Invited as expert on COVID- 19 on DD National & Printed Media.

Research Project:

Ongoing:

As Principal Investigator

1. Systems approach for assessment of Maternal deaths in Rajasthan: a feasibility study. Funded by ICMR.
2. Evaluation of the effectiveness of the National Health Mission (NHM) policy of mainstreaming and co-locating AYUSH within Primary Health Care. Extramural funding
3. Comparative Assessment of various models of Mobile Medical Unit for provision of service in remote and under-served areas. Extramural funding
4. Community Behavior and its determinants in relation to Malaria prevention and control in Rajasthan. Extramural funding

As Co-Investigator:

1. Evaluating and strengthening pre-hospital trauma care systems for mitigating burden of road traffic accidents in Jodhpur. Rajasthan, Extramural funding
2. Screening of Non-Communicable Diseases Risk among Tuberculosis patients of Jodhpur- An Exploratory Pilot Study. Extramural funding
3. Burden of Silicosis and Silico-Tuberculosis in rural community predominantly engaged in dust generating occupations. Extramural funding
4. To study the utilization of Outpatient services in rural and urban health centres covered by Department of Community Medicine & Family Medicine, AIIMS Jodhpur. Extramural funding
5. Symptoms of depression in adolescents with asthma: a reason for non-adherence? Intramural funding
6. Evaluating and strengthening pre-hospital trauma care systems for mitigating burden of road traffic accidents in Jodhpur. Rajasthan- Extramural funding
7. Opportunistic screening of Diabetes Mellitus and Hypertension at the Outpatient Departments of health Centres of Department of Community Medicine & Family Medicine, AIIMS, Jodhpur. Intramural funding
8. To study the utilization of Outpatient services in rural and urban health centres covered by Department of Community Medicine & Family Medicine, AIIMS Jodhpur. Intramural funding
9. Evaluating and strengthening pre- hospital trauma care systems for mitigating burden of road traffic accidents in Jodhpur, Rajasthan. Funded by ICMR

Completed:

As Principal Investigator

1. Survey for Monitoring the National Non Communicable Diseases Target 2017-2018- funded by Govt. of India. Extramural funding
2. Risk factors for Chronic Obstructive Pulmonary Disease (COPD) among women not exposed to tobacco smoke: a case control study. Intramural funding
3. Impact of implementation of the healthy workforce model (Integration of Occupational Health Services in Primary Health Care) to improve preventive measures of Silicosis among workers exposed to silica sand in mines of rural Jodhpur. Intramural funding

Examinership:

1. MBBS examination, S N Medical College, Jodhpur
2. MD examination, S N Medical College, Jodhpur

Membership/Post in Journal or Society or Association

1. Member; Institute Body, AIIMS Madurai

National/ International Conferences attended:

1. 16th World Congress 2020: on Public Health (WCPH 2020). Rome, Italy, 12th -16th October 2020. (Online)
2. On the occasion of International Human Rights Day, Online consultation on "Mining Business and Human Rights: Concerns and Way Ahead". 10th December 2020. (Online)
3. Annual National conference of Indian Association of Preventive and Social Medicine IAPSMCON 2021. PGIMER, Chandigarh, 18th -21st March 2021

Additional Trainings:

1. Participated in workshop on qualitative methods in health research. Foundation for Diffusion of Innovations, 22nd -26th May 2020.
2. Infection Prevention and Control for Novel Corona Virus (COVID-19). WHO health Emergencies Programme, 15th July 2020
3. GIS for Health. IIT, Mumbai, October 2020.
4. National Board examination at New Delhi. 10th -12th March 2021 as expert for DNB examination.

Name of Faculty: Dr. Pankaj Bhardwaj

Designation: Additional Professor

Books/Chapters in book:

1. Containment strategies to prevent spread in different societies and cultures. The Coronavirus Pandemic and the Future: Virology, Epidemiology, Translational Toxicology and Therapeutics. Editors: Michael D Waters, Alok Dhawan, Tim Marrs, Diana Anderson, Stafford Warren, Claude L Hughes. Print ISBN: 978-1-83916-306-7. ePub eISBN: 978-1-83916-365-4.
2. Effective health education, Patient education, Health behavior change. The Coronavirus Pandemic and the Future: Virology, Epidemiology, Translational Toxicology and Therapeutics. Editors: Michael D Waters, Alok Dhawan, Tim Marrs, Diana Anderson, Stafford Warren, Claude L Hughes. Print ISBN: 978-1-83916-306-7. ePub eISBN: 978-1-83916-365-4

Resource Faculty:

1. Webinar series 'Managing COVID-19 pandemic: Experiences and Best Practices of India'. International Public Health Management Development Program (IPHMDP): a flagship Program of Ministry of External Affairs, Government of India under Indian Technical Economic Cooperation (ITEC) Scheme. Department of Community Medicine & School of Public Health, PGIMER, Chandigarh, 27th April-1st May 2020, 11th - 15th May 2020 and 18th May 2020. (Online)
2. Training Program Infection Prevention and Control, Biomedical Waste Management in COVID-19 pandemic situation. AIIMS Jodhpur, 24th June 2020.

3. Online Course Series for Nurses on Research Methodology (Total 7 days course). CNRS and National Institute of Nursing Education, PGIMER, Chandigarh collaboratively, 18th – 23rd August 2020. (Online)
4. Workshop on setting up a cancer registry by Tata Memorial Centre Mumbai. 14th – 19th September 2020.
5. Introduction to Go.Data – Field data collection, chains of transmission and contact follow-up. World Health Organization. 21st September 2020.
6. ISC-FICCI Sanitation Awards and the India Sanitation Conclave: Post Pandemic Preparedness – A WASH Response. 26th November 2020.
7. Annual Scientific National Conference of Epidemiological Association of India (EFICON 2020) – HYBRID (physical & virtual). 19th -20th December 2020.
8. Symposia on Post- COVID non-communicable diseases & new strain of novel coronavirus: Public Health Implications & Research Directions. ICMR-NIIRNCD Jodhpur, NIIRNCD campus, 12th January 2021.
9. Online International Public Health Management Development Program (E-IPHMDP), 14th March 2021. (Online)
10. Online-International Public Health Management Development Program (IPHMDP), 22nd - 26th March 2021. (Online)
11. IAPSM Young Leaders' National Conclave. 25th - 27th March 2021. (Online)
12. Online Workshop “Operational Research for Detect Treat Prevent Build toward TB elimination”. 27th March 2021. (Online)
13. Coordinator & Resource faculty. CBRNE course, IGNOU, year 2021.
14. Training of Trainer (ToT) Screening of Common Cancers for the Medical Officers, AIIMS Jodhpur in 2020, 2021

Research Projects:

Ongoing:

As Principal Investigator

1. A phase III, randomized, multi-center, double blind, placebo controlled, study to evaluate efficacy, safety and immunogenicity of Novel Corona Virus -2019- nCov vaccine candidate of M/s Cadila Healthcare Limited.
2. National Clinical Registry COVID-19. ICMR funding
3. Risk factors for SARS-CoV-2 infection among health care workers in India: A Case Control Study”. WHO funding
4. Introduction of the WHO ICOPE (Integrated Care of Older Persons) model of assessment, care and referral of older persons in a low resource rural-tribal primary care setting in India: WHO ACMERI funding

As Co-Investigator

1. Determinants of Mortality due to COVID in India. ICMR funding
2. WHO Solidarity Trial for COVID-19 ICMR-WHO Implementation in India for the International Randomized Trial of Additional treatment for COVID-19 in Hospitalized patients who are receiving the local standard of care. WHO ICMR funding
3. World Heart Federation COVID-19 and Cardiovascular Disease Survey. WHF, Geneva, Switzerland.

Completed:**As Principal Investigator**

1. Evaluation and efficacy and Safety of Ayurveda Intervention (Ayush-64) add-on therapy for patients with COVID-19 infection (Stage I) – An open labelled, Parallel Group, randomized controlled clinical trial. Funded by AYUSH
2. A Combined model study to investigate the challenges faced by Front line health managers at district level in this time of Pandemic of COVID-19-Multicentric approach: ICMR funding
3. Study of perception and attitude of health worker engaged in management of COVID-19. Non Funded
4. Enhanced testing, tracing and tracking strategy (ETTTS) for effective containment of COVID -19 in Jodhpur. Non Funded
5. Home Vs Facility base isolation and quarantine in Jodhpur during COVID-19 pandemic: An Exploratory study. Non Funded
6. Assessment oral health status of symptomatic COVID-19 patients in a dedicated COVID facility in Jodhpur Rajasthan: A cross sectional study. Non Funded

Examinership

1. Practical examination as an External Examiner for MD – Community Medicine (PSM), Sardar Patel Medical College & Associated Group of P.B.M. Hospitals, Bikaner, 30th June 2020.
2. Oral and Practical examination as an External Examiner for M.D. (Community Medicine) D.T. M. & H. at Rajendra Institute of Medical Sciences, Ranchi, 3rd -4th July 2020. (Online)
3. Doctoral (PhD) Viva-Voice Examination of Ms. Anupriya Singh Department of Community Medicine as an external examiner at Banaras Hindu University, 23rd June 2020. (Online)

Workshops/ Conferences Organised

1. Capacity building programme for high level officials, administrators, doctors, and counsellors in three major areas related to COVID-19. Under Indian Technical and Economic Cooperation Programme Ministry of External Affairs Government of India and AIIMS Jodhpur, 22nd, 25th and 26th June 2020.
2. COVID-19 Patient Management Training Program at AIIMS Jodhpur, 4th – 18th Aug 2020.
3. Webinar and Interactive Session on Psychological Wellbeing of Health Care Workers. AIIMS Jodhpur, 14th August 2020.
4. Series of Webinar on Therapeutic Diets. AIIMS Jodhpur, 30th September- 7th Nov 2020. (Online)
5. Webinar and Panel Discussion on Yoga and COVID-19 Pandemic. AIIMS Jodhpur, 27th August 2020. (Online)
6. Training of Trainer (ToT) Screening of Common Cancers for Medical Officer from Govt. of Rajasthan. AIIMS Jodhpur. August 2020 to March 2021.
7. Chemical, Biological, Radiological, Nuclear, and Explosives (CBRNE) course (IGNOU Learner Study Centre), at AIIMS, Jodhpur. 2nd - 3rd March 2021.

National/ International Conferences attended

1. Online Webinar on Digital Health - Advancing Healthcare Through Artificial Intelligence Across Sweden and India, jointly organized by Vinnova and Department of Biotechnology, 5th May 2020. (Online)
2. Online Sensitization workshop regarding Covid-19. Dept. of Community Medicine & Family medicine AIIMS, Gorakhpur, 30th May 2020. (Online)
3. Online meeting with the TAG members and PHRI team, 3rd -5th June 2020. (Online)

4. CME titled Statistics in Health Research. National Statistics Day, 29th June 2020. (Online)
5. Online International Symposium on Science and ethics of vaccine development against COVID. ICMR, New Delhi, 30th July 2020. (Online)
6. Virtual launch: India-Sweden Healthcare Innovation Centre Website and the first Innovation Challenge . 10th -11th August 2020. (Online)
7. Online Training on National Clinical Registry for COVID-19. ICMR, New Delhi.21st August 2020. (Online)
8. Orientation meeting for establishing a robust surveillance system. AIIMS Jodhpur, 22nd August 2020.
9. Online Joint meeting with Scientific Group and Regulatory Group of NTTLs. PGIMER Chandigarh, 4th February 2021.(Online)
10. Meeting of Hospital Infection Control Committee. AIIMS Jodhpur, 17th February 2021.
11. Webinar on Public Consultation in EIA. Centre for Science and Environment (CSE), 17th February 2021. (Online)
12. Webinar on Water for Public Health. National Institute of Hydrology (NIH), 7th March 2021. (Online)
13. 1st National Platform on Vaccine Confidence. Child Health Foundation.24thMarch 2021. (Online)

Name of Faculty : Dr. Neeti Rustagi

Designation : Additional Professor

Papers Presented:

1. Rustagi N, Raghav P, Dutt N, Sinha A, Rodha MS. E- Poster on Assessing continuum of trauma care for road accident victims in Jodhpur, Rajasthan. 16th World Congress of Public Health, 12th -16th October 2020. (Online)
2. Raghav P, Gupta MK, Rustagi N, Mishra NC, Garg S. Systems Approach for Assessment of Maternal Deaths in Rajasthan: A Feasibility Study in 16th World Congress of Public Health, 12th - 16th October 2020. (Online)
3. Shaima AJ, Rustagi N, Saurabh S. Prevalence of respiratory morbidities among biomass fuel users and utilization of Pradhan Mantri Ujjwala Yojana in rural Jodhpur in IAPSMCON 2021, PGI Chandigarh, 19th - 21st March 2021.

Invited Lectures

1. Online training regarding Science behind COVID 19 appropriate behavior and hand hygiene. 13th March 2020. (Online)
2. Issues and Challenges in responding to the Epidemic COVID-19. Rajasthan State Institute of Public Administration, Jodhpur, August 2020.

Resource Faculty:

1. International Public Health Management Development Program (IPHMDP)' and 'Basics of Tobacco Control" online courses by PGIMER Chandigarh on 11th November 2020 (Online)
2. M.Sc. Public Health Programme, University of Limerick, Ireland June-July 2020. (Online)

Research Projects:

Ongoing:

As Principal Investigator

1. COACH (community oriented action and caring hands) approach for promoting end of life care in Jodhpur, Rajasthan through participatory research methodology. Approved by ICMR
2. Use of mobile health (mhealth) applications to train primary health center staff in acute management of burn and injury patients in Jodhpur, Rajasthan: A Community based trial. Approved by ICMR.

As Co-Investigator

1. Systems approach for assessment of Maternal deaths in Rajasthan: a feasibility study. Extramural funding
2. Comparative Assessment of various models of Mobile Medical Units for provision of service in remote and under-served areas. Extramural funding
3. Community Behavior and its determinants in relation to Malaria prevention and control in Rajasthan. Extramural funding
4. Treatment compliance among chronic disease patients during ongoing COVID-19 pandemic in urban Jodhpur. Non -funded
5. Assessment health literacy among chronic disease patients residing in Urban Jodhpur: A cross sectional study. Non -funded
6. Pilot study to test LEAP project in the field which could help in implementing a better adolescent program. Non -funded

Completed

As Principal Investigator

1. Evaluating and strengthening pre-hospital trauma care system for mitigating burden of road traffic accidents in Jodhpur, Rajasthan: Community based intervention trial. Extramural funding ICMR

As Co-Investigator

1. Impact of Implementation of Healthy workforce model (Integration of Occupational Health services in Primary Health Care) to improve preventive measures of Silicosis among workers exposed to silica sand in mines of Rural Jodhpur. Intramural funding

Examinership

1. Advisor for Rajasthan Public Service commission for Community Medicine interview of Assistant Professor. RPSC, 12th March 2021.

Workshops/ Conferences Organized

1. Pre-conference CME on Hands on Mentorship for Journal Club presentation skills for young Public Health professionals. IAPSMCON 2021, PGI Chandigarh, 17th March 2021.

Name of Faculty : Dr. Srikanth Srinivasan

Designation : Associate Professor

Resource Faculty:

1. Cancer Screening Training Program in AIIMS, Jodhpur, 15th February 2021 & 22nd March 2021.

Research Project:

Ongoing:

As Co-Investigator

1. Hydroxychloroquine Prophylaxis for COVID-19 infection among healthcare workers: A proof of concept, observational study. ICMR, Multicentric Study
2. Chronic comorbidities and COVID19: A cross sectional study to assess the drug utilization pattern and the outcome in COVID patients with chronic complications. Intramural Project, AIIMS Jodhpur.
3. Effect of tele yoga on burnout, mental health and immune markers of health care workers involved in COVID-19 duty: a pilot randomized controlled trial. Intramural Project, AIIMS Jodhpur.
4. Community behaviour and its determinants in relation to malaria prevention and control in Rajasthan. *Malaria* Elimination Research Alliance (*MERA*) India, Multicentric Study.
5. Opportunities, Strategies, & Challenges while using Telemedicine for Palliative Care of Cancer Patients during COVID-19: A Pilot study. Intramural Project, AIIMS Jodhpur.

Examinership

1. Internal Examiner for 3rd Professional MBBS Practical examination. AIIMS, Jodhpur, December 2020.
2. Internal Examiner for 3rd Professional MBBS (Suppl.) Practical examination. AIIMS, Jodhpur, February 2021.
3. External Examiner for Final MBBS Part I (Suppl.) examination. SP Medical College, Bikaner, December 2020.
4. External Examiner for Question Paper Setting for MPH Final Theory Exam. AIIMS Rishikesh, July 2020.
5. External Examiner, MD Thesis Evaluation. KIIT University, Bhubaneswar, January 2021.
6. Question Paper Setting for MBBS - CMFM Theory Exam. AIIMS Rishikesh, March 2021.

Membership/Post in Journal or Society or Association

1. Associate Expert; Biostatistics Consortium, India
2. Reviewer; Journal of Palliative Medicine – Palliative Medicine Reports
3. Reviewer; Clinical Epidemiology and Global Health
4. Reviewer; Journal of the Indian Academy of Geriatrics

National / International Conferences attended

1. 48th National Annual conference of Indian Association of Preventive and Social Medicine. PGIMER, Chandigarh, 19th -21st March 2021.
2. Workshop on Setting up a Cancer Registry. Tata Memorial Centre, Mumbai, 14th-19th September 2020.
3. Training on Epidemic Preparedness and Management. NIHFWS, MOHFW, 21st-25th September 2020.
4. Introductory Course on Evidence Based Medicine. AIIMS Jodhpur, 14th -22nd December 2020.

Name of Faculty : Dr. Manoj Kumar Gupta

Designation : Associate Professor

Books/Chapters

1. Raghav P, Gupta MK. Occupational Health. In IAPSM Textbook of Community Medicine 2nd ed., Kadari AM, India, JAYPEE publisher 2019.

- Saurabh S, Gupta M.K., Bhardwaj P. Effective health education, patient education, health behaviour change. In: The Coronavirus Pandemic and the Future: Virology, Epidemiology, Translational Toxicology and Therapeutics, Ed. Michael D Waters, Alok Dhawan, Tim Marrs, Diana Anderson, Stafford Warren, Claude L Hughes. UK, Royal Society of Chemistry 2021.

Papers Presented

- Tanvir T, Gupta MK, Raghav P, Goel AD. Empowerment and Engagement of Adolescent Girls Regarding reproductive health in rural jodhpur: An intervention study. 48th National Conference of IAPSM, PGI Chandigarh, 19th - 21st March 2021.
- Yadav S, Bhardwaj P, Goel AD, Gupta MK, Srinivasan S. Adherence of Isoniazid preventive therapy among paediatric contacts of microbiologically confirmed Tuberculosis cases: A Review. 48th National Conference of IAPSM, PGI Chandigarh, 19th - 21st March 2021.
- Sridevi G, Gupta MK, Goel AD, Bhardwaj P, Srikanth S. Status of musculoskeletal disease among the health care personnel: A systematic review. 48th National Conference of IAPSM, PGI Chandigarh, 19th - 21st March 2021.
- Aswathy SR, Bhardwaj P, Goel AD, Gupta MK, Srinivasan S. Prevalence and types of Anemia among geriatric woman in india - A systematic review. 48th National Conference of IAPSM, PGI Chandigarh, 19th - 21st March 2021.
- Singh G, Goel AD, Raghav P. Family-centered health education intervention for Improving Iron Folic acid adherence and Anemia reduction among antenatal mothers in rural jodhpur: A Quasi-Experimental Study. 48th National Conference of IAPSM, PGI Chandigarh, 19th - 21st March 2021.
- Raghav P, Gupta MK, Rustagi N, Mishra NC, Garg S. Systems Approach for Assessment of Maternal Deaths in Rajasthan: A Feasibility Study. 16th World Congress on Public Health 2020.

Resource Faculty

- Resource faculty for the webinar on Awareness about personal Hygiene and Sanitations. ISRO, 11th Feburary, 2021. (Online)
- Resource faculty for CBRNE course. IGNOU, 2021. (Online)
- Resource person for Training of Trainer (ToT) Screening of Common Cancers for the Medical Officers, AIIMS Jodhpur, 2020, 2021.
- Member of 14th Common Review Mission (CRM) for Rajasthan in 2020

Research Projects:

Ongoing:

As Co-Investigator

- A phase III, randomized, multi-centre, double blind, placebo controlled, study to evaluate efficacy, safety and immunogenicity of Novel Corona Virus -2019-nCov vaccine candidate of M/s Cadila Healthcare Limited. Funded by Zydus Research Centre
- Adverse Events Following COVID-19 Immunization among health care workers.
- Awareness and attitude of healthcare workers about COVID-19 vaccination in Western India: An Institution based survey
- Risk factors for SARS COV-2 infection among healthcare workers in India: A case control study (WHO Unity study)
- Integrated Community Based Palliative Home Care of Chronic Debilitated Patients – A novice approach in Jodhpur. Funded by ICMR
- COVID-19 National Clinical Registry India. Funded by ICMR
- Clinical Outcomes of COVID-19 Patients with high Quantiferon-TB GOLD (IGRA) levels.

8. Systems Approach for Assessment of Maternal Deaths in Rajasthan: A Feasibility Study. Funded by ICMR

Completed

As Principal Investigator

1. Opportunistic screening of Diabetes Mellitus and Hypertension at the Outpatient departments of health centres of department of Community Medicine & Family Medicine, AIIMS Jodhpur
2. Assessment of Psychosocial Status and Quality of Life of Adolescent Girls in Rural Area of Jodhpur

As Co-Investigator

1. Impact of implementation of the healthy workforce model (Integration of Occupational Health Services in Primary Health Care) to improve preventive measures of Silicosis among workers exposed to silica sand in unorganized sectors of rural Jodhpur
2. Effectiveness of Mask in preventing COVID19 infection and its transmissibility: Feasibility and Challenges
3. Artificial Intelligence to predict COVID-19
4. A Combined model study to investigate the challenges faced by Frontline health managers at district level in this time of Pandemic of COVID-19: Multicentric approach. Funded by ICMR
5. Contact Tracing for COVID-19 in Jodhpur district
6. Home vs Facility based isolation & quarantine in Jodhpur during COVID-19 pandemic: An exploratory study. Funded by State government, Jodhpur
7. Viral Ribonucleic Acid Shedding and Transmission Potential of Asymptomatic and Paucisymptomatic Coronavirus Disease 2019 Patients. Funded by AIIMS Jodhpur
8. Status of Sero-positivity among asymptomatic front-line workers during the lockdown period due to COVID-19 pandemic in Jodhpur. Funded by AIIMS Jodhpur
9. Study of perception and attitude of family members of health workers engaged in management of COVID-19. Funded by AIIMS Jodhpur

National/ International Conferences attended:

1. 48th National Conference of IAPSM. PGI Chandigarh, 19th - 21st March 2021.

Name of Faculty : Dr. Naveen K. H.

Designation : Associate Professor

Papers Presented

1. Pritish B, Pankaja R, Naveen K H. Frailty Index and Falls Risk among Elderly Population of Urban Jodhpur: A Community-based Cross-Sectional Study. E poster presentation by Dr Pritish Baskaran (PG student). 48th Annual National conference of IAPSM, PGIMER, Chandigarh, 19th - 21st March 2021.
2. Pritish B, Manoj KG, Pankaja R, Naveen K H, Akhil DG. Exploring Frailty and its Domains - A Bibliometric Analysis of the Literature. E poster presentation by Dr Pritish Baskaran (PG student). 48th Annual National conference of IAPSM, PGIMER, Chandigarh, 19th- 21st March 2021.

Research Projects:

Ongoing:

As Principal Investigator

1. Effect of tele yoga on burnout, mental health and immune markers of Health Care Workers involved in COVID-19 duty: a pilot randomized controlled trial.

2. Mental health, adherence to medication and personality among diabetes and hypertension patients attending health centers of department of community medicine and family medicine: a cross sectional study

As Co-Investigator

1. A randomized, double blind, placebo controlled, multi-centric, trial to determine the therapeutic efficacy of Ayush medicine NOQ19 in treatment of symptomatic COVID-19 patients along with standard allopathic treatment.
2. Assessment of urinary carcinogens level and urine cytology among industry and non-industry workers in Jodhpur. Funding agency-ICMR, Collaborating Institute- CSIR-Indian Institute of Toxicology Research, Lucknow.
3. Emerging drug resistance in community-acquired urinary tract infection and molecular insights into dynamics of resistance traits in Indian isolates- A multi-centric cross-sectional study.
4. Profile and treatment outcome of patients presenting with urethritis at AIIMS, Jodhpur: A prospective study.

Completed:

As Principal Investigator

1. Symptoms of depression in adolescents with asthma: a reason for non-adherence?

As Co-Investigator

1. To study the utilization of out patient's services in rural and urban health centres covered by Department of Community Medicine and Family Welfare, AIIMS, Jodhpur

Workshops/ Conferences Organized

1. Coordinator for webinar on "Yoga and Covid 19 Pandemic". AIIMS, Jodhpur, 27th August 2020. (Online)

Name of Faculty : Dr. Prem Prakash Sharma

Designation : Associate Professor

Sessions Chaired:

1. Technical session. International conference on History and development of Mathematics (ICHDM 2020), Department of Mathematics, Maharishi Dayanand University Rohtak, 22nd Dec. 2020. (Online)

Resource Faculty:

1. Resource person for online teaching Biostatistics to Undergraduate & Post graduate (MD Ayurved) students. Dr. Sarvepalli Radhakrishnan Ayurveda University, Kadwad, Jodhpur, Rajasthan (19 classes for PG and 6 Classes for UG), 2020-21. (Online)
2. Resource person for online teaching Biostatistics to M.Sc (Nursing) students. College of Nursing, AIIMS, Jodhpur (08 classes). (Online)
3. Resource person during the workshops conducted by Dean (Academics) for Orientation Program for PG students. AIIMS, Jodhpur. 5th - 13th Oct 2020 and another from 16th - 24th March 2021. The session on "Sample Size calculation and Sampling Techniques" was taken on 12th Oct 2020 and 23rd March 2021.

Research Project:

Completed:

As Principal Investigator

1. To Study utilization of outpatient services in rural and urban health centers covered by department of community medicine and family medicine. Intramural Project funded by AIIMS, Jodhpur.

As Co-Investigator

1. Blood lead levels in antenatal women and its association with iron deficiency anemia and adverse pregnancy outcomes.
2. Effect of peer educator –PRAGATI (Peer Action for Group awareness through Intervention) on knowledge, attitude and practice of menstrual hygiene in adolescent school girls.
3. Prevalence and factors associated with effective helmet use among motorcyclists in Mysuru city of southern India.
4. Viral RNA shedding and Transmission potential of Asymptomatic and Pauci-symptomatic COVID-19 patients.
5. Tobacco, alcohol and other risk factors for developing symptomatic COVID-19 vs asymptomatic SARS-CoV-2 infection: a case control study from western Rajasthan, India.
6. Vascular Patterns on narrow band imaging (NBI) video bronchoscopy of lung cancer patients and its relationship with histology: an analytical cross-sectional study.
7. Flipping to Empower Adolescents for sexual and reproductive health
8. Association of Body Mass Index with Gestational Diabetes Mellitus: a prospective cohort study.
9. Empowering Scheduled Castes through Guided Meditation.

Membership/Post in Journal or Society or Association:

1. Reviewer; Manuscript in June 2020 for the journal “Demography India” for publication. Demography India is an Official Journal of Indian Association for the Study of Population (IASP).

National/ International Conferences attended:

1. Attended International conference on History and development of Mathematics (ICHDM 2020). Department of Mathematics, Maharishi Dayanand University Rohtak, 22nd Dec 2020. (Online)
2. Presented a Lecture on Sustainable development goals during Online Interactive CME on National Statistics Day, AIIMS Jodhpur, 29th June 2020. (Online)

Workshops/ Conferences Organized

1. Organized Online Interactive CME on National Statistics Day. AIIMS Jodhpur, 29th June 2020. (Online)

Name of Faculty : Dr. Akhil Dhanesh Goel

Designation : Associate Professor

Books/Chapters in book :

1. Bhardwaj P, Goel AD. General Epidemiology of Infectious Diseases and its Prevention and Control. In IAPSM's Textbook of Community Medicine, Editor-in-Chief AM Kadri, 2nd edition, Jaypee 2021: pp 223–234

2. Kaur R, Goel AD. Child Health. In IAPSM's Textbook of Community Medicine, Editor-in-chief AM Kadri, 2nd edition, Jaypee 2021: pp 617–638

Resource Faculty:

1. Resource Faculty for Infection prevention and Control practices during COVID-19 for doctors, nursing officers and hospital administrators at AIIMS Jodhpur, Rajasthan and Bihar states and SAARC countries in 2020 & 2021.
2. Resource faculty for Post Graduate Certificate in Medical Management of disasters programme (PGCMDM) – CBRNE. IGNOU in 2020-21.
3. Resource Faculty for Certificate in Healthcare Waste Management (CHCWM) IGNOU, 7th June 2021.
4. Resource Faculty for Workshop on Introductory Course on Evidence Based Medicine. Research Cell, AIIMS Jodhpur, 14th -22nd December 2020.
5. Resource person for Training of Trainer (ToT) Screening of Common Cancers for the Medical Officers, AIIMS Jodhpur in 2020, 2021.
6. Resource faculty at NTEP sensitization on topic "Research and Grants in Tuberculosis" on 16th March 2021
7. Resource faculty for orientation lectures for newly joined Post graduate students 5th - 13th Oct 2020 and 16th - 24th March 2021.
8. Resource person for Introductory Course on Evidence Based Medicine for faculty members scheduled from 14th December - 22nd December 2020.

Research Projects:

Ongoing:

As Principal Investigator

1. Quantiferon-TB GOLD (IGRA) levels and Clinical Outcomes in COVID-19 Patients. Intramural Project

As Co-Investigator

1. A phase III, randomized, multi-centre, double blind, placebo controlled, study to evaluate efficacy, safety and immunogenicity of Novel Corona Virus -2019-nCov vaccine candidate of M/s Cadila Healthcare Limited
2. Adverse Events Following COVID-19 Immunization among health care workers
3. Awareness and attitude of healthcare workers about COVID-19 vaccination in western India: an Institution based survey
4. Risk factors for SARS COV-2 infection among healthcare workers in India: a case control study (WHO Unity study)
5. COVID-19 National Clinical Registry India
6. A Combined model study to investigate the challenges faced by Frontline health managers at district level in this time of Pandemic of COVID-19: Multicentric approach
7. Contact Tracing for COVID-19 cases in Jodhpur district
8. Home vs Facility based isolation & quarantine in Jodhpur during COVID-19 pandemic: An exploratory study
9. Viral Ribonucleic Acid Shedding and Transmission Potential of Asymptomatic and Paucisymptomatic Coronavirus Disease 2019 Patients
10. Status of Sero-positivity among asymptomatic front-line workers during the lockdown period due to COVID-19 pandemic in Jodhpur

National/ International Conferences attended:

1. Participated in Introduction to Go. Data – Field data collection, chains of transmission and contact follow-up. World Health Organization, 21st September 2020.
2. Workshop on setting up a cancer registry”, Tata Memorial Centre Mumbai, 14th - 19th September 2020
3. Participated in Online Systematic Review Sensitization Workshop in the Context of COVID-19. Government Medical College, Manjeri, Kerala, 30th -31st March 2021. (Online)
4. Participated in 8th Anemia Research Consortium Meeting organised by National Centre of Excellence and Advanced Research on Anemia Control (NCEAR-A), Centre for Community Medicine (CCM), All India Institute of Medical Sciences (AIIMS), New Delhi – 110029

Name of Faculty : Dr. Prasanna T

Designation : Associate Professor

Resource Faculty:

1. Hands on Mentorship for Journal club Presentation Skills for young Public Health Professionals. IAPSMCON 2021, PGIMER, Chandigarh, 17th March 2021 (Online)
2. Screening of Common Cancers under NPCDCS for Rajasthan Govt Medical Officers. AIIMS Jodhpur, January to June 2021.
3. Resource faculty for orientation lectures for newly joined Post graduate students 5th - 13th Oct 2020 and 16th - 24th March 2021.
4. Invited as ‘Authorised Assessors’ for accreditation under Baby Friendly Hospital Initiative-India National Resource Centre”, Breastfeeding Promotion Network of India and Ministry of Health and Family Welfare, March 2021

Research Projects:

Ongoing:

As Co-Investigator

1. Community Behavior and its determinants in relation to Malaria prevention and control in Rajasthan. ICMR MERA

Name of Faculty : Dr. Suman Saurabh

Designation : Assistant Professor

Books/Chapters

1. Saurabh S, Gupta MK, Bhardwaj P. Effective health education, patient education, health behaviour change. In: The Coronavirus Pandemic and the Future. Michael D Waters, Alok Dhawan, Tim Marrs, Diana Anderson, Stafford Warren, Claude L Hughes (editors),1st edition, London, Royal Society of Chemistry 2021; chapter 38.

Papers Presented:

1. Saurabh S, Shafi S, Verma MK, Kumar N, Gupta MK, Bhardwaj P, Sharma P. Symptoms and comorbidities as risk factors for COVID-19 mortality in western Rajasthan, India. Indian Association of Preventive and Social Medicine Conference 2021; 19th -21st March 2021, PGI, Chandigarh.

Research Projects:

Ongoing:

As Principal Investigator

1. Assessment of active drug safety monitoring (aDSM) and treatment compliance among patients on all oral longer MDR tuberculosis regimen in Jodhpur, India. Funded by National TB Elimination Programme (NTEP)- Operational Research (OR) programme

As Co-Investigator

1. National COVID-19 Registry. ICMR, New Delhi, NIMS, New Delhi.
2. WHO Unity study. WHO India. Amrita Institute of Medical Sciences, Kochi.
3. COVID-19 vaccine effectiveness study. ICMR, New Delhi. ICMR – national Institute of Epidemiology, Chennai.
4. Effectiveness of Awake Self-proning strategy in COVID-19: An open-labelled randomized controlled trial
5. Online survey of dermatology practices during COVID-19 pandemic
6. COVID-19 Sero-positivity among non-medical frontline office staff from two cities in Rajasthan, India

Completed:

As Principal Investigator

1. Assessment of active drug safety monitoring (aDSM) and treatment compliance among patients on all oral longer MDR tuberculosis regimen in Jodhpur, India. Funded project approved by State NTEP Operational research committee
2. Artificial Intelligence powered triaging tool for COVID-19 using cough sounds and symptoms amongst acute respiratory syndrome cases at Jodhpur, India
3. Risk factors for developing symptomatic COVID-19 as compared to asymptomatic SARS-CoV2 infection in Jodhpur, India
4. Estimation of serial interval of COVID-19 and duration of persistence of SARS-CoV-2 in the upper respiratory tract of infected individuals in Jodhpur, India
5. Dynamics of SARS-CoV-2 transmission among evacuees quarantined at Jaisalmer, India
6. Awareness and attitudes regarding COVID-19 vaccination among undergraduate medical students in India
7. Awareness and attitudes regarding extra-curricular research among undergraduate medical students in India

National/ International Conferences attended:

1. Indian Association of Preventive and Social Medicine Conference 2021, 19th -21st March 2021, PGIMER, Chandigarh.

Any other information:

Glimpses of various programs/activities done by department:



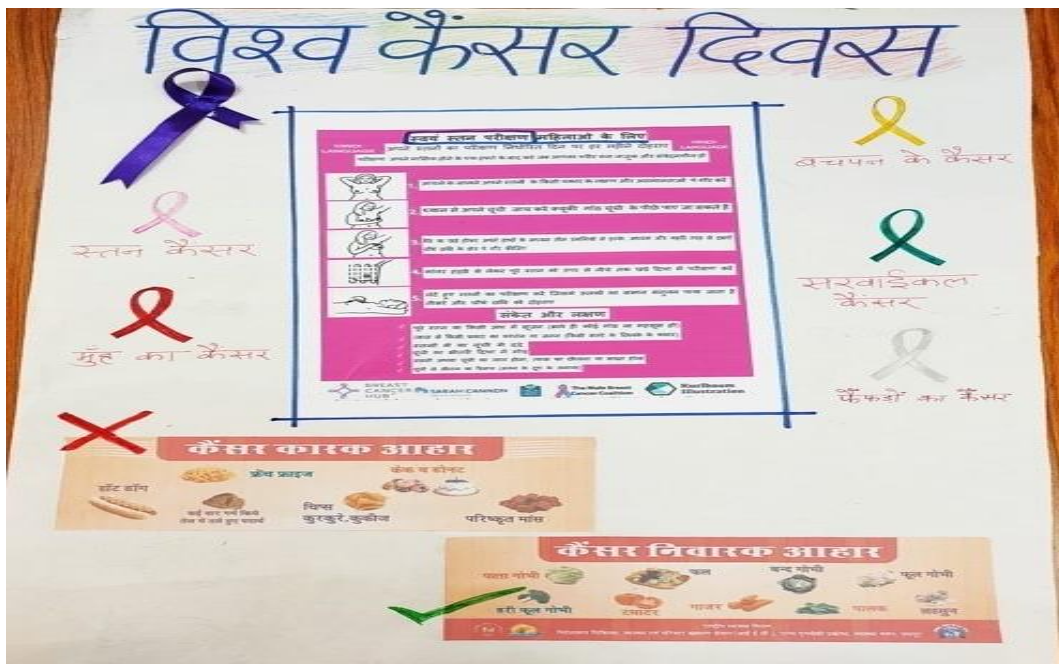
Health Talk on World Hearing Day



Health care workers of CRHA Dhawa and Dept. of CMFM, AIIMS Jodhpur
celebration of international disability day



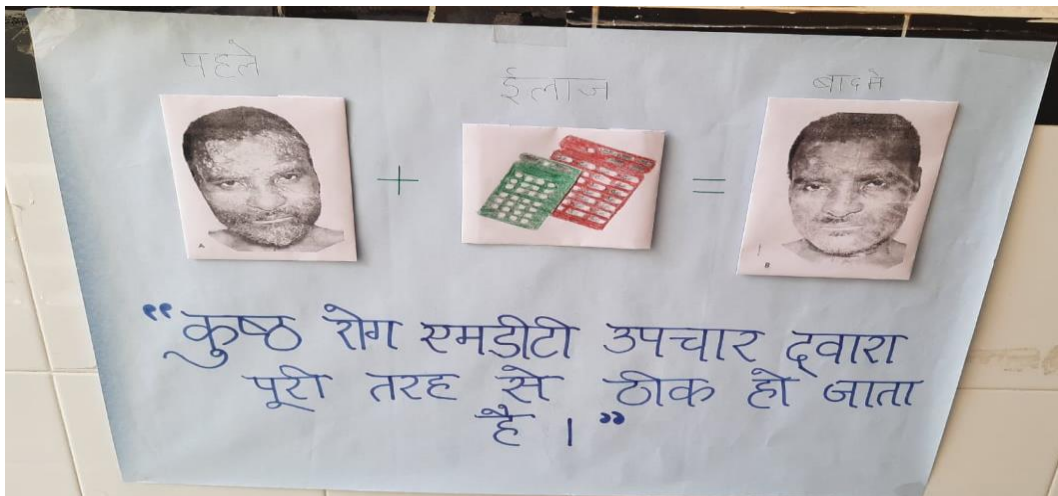
Health talk at Anganwadi centre



IEC Material on cancer prevention prepared by Interns



PG resident delivering Health talk and explaining the poster to patients



IEC materials prepared by interns on Leprosy



Awareness programme on leprosy



Pledge by AIIMS team and staff



Residents imparting Training to ASHAs and AWWs



Group counselling for patients and accompanying family members attending OPD



Health talk being conducted by Residents and interns with IEC materials



Role play by residents of Dept of CMFM

Department of Dentistry

S.No.	Name	Designation
1	Dr. Pravin Kumar	Professor & Head
2	Dr. Vinay Kumar Chugh	Additional Professor
3	Dr. Ankita Chugh	Additional Professor
4	Dr. Kirti Chaudhry Dutt	Additional Professor

About the Department :

Department of Dentistry has a running Master of Dental Surgery (MDS) program in the specialties of Conservative Dentistry and Endodontics, Oral and Maxillofacial Surgery and Orthodontics and Dentofacial Orthopaedics with a yearly intake of two students in each of the specialty. In this year, in the specialties of Orthodontics & Oral and maxillofacial Surgery two batches of students appeared in the PG exam and successfully completed their degrees of MDS. New treatment modalities were added to the spectrum of clinical care in endodontics division with introduction of Ceramic Inlays along with Gold Inlays and use of magnification and illumination in regular practice. Post Graduate programme in Endodontics and Conservative Dentistry commenced from July 2020. The department has ten state-of-the-art fully automatic electrically operated dental chairs with all attachments. During the current year five more Dental chairs were purchased and are now in the process of installation. Three-dimensional treatment planning of surgical orthodontic cases is being done with the help of advanced 3D Virtual treatment planning software.

The Department has seen approximately 7024 new patients in the out-patient department from 1st April 2020 to 31st March 2021. Approximately 2162 intraoral X-rays and panoramic radiographs, 248 root canal treatment (RCTs), 17 Endodontic surgical Procedures, 33 All ceramic crowns, 790 restorations and oral prophylaxis, 860 minor oral surgical procedures, 48 dental implants, 61 new orthodontic patients and 131 major surgical procedures have been performed in the above mentioned period. Our IPD procedures include major surgical procedures such as trauma, oral submucous fibrosis, oral cancers, TMJ ankylosis, benign pathologies (cyst, tumors and infections), and orthognathic surgeries. Distraction Osteogenesis has also been added to the spectrum of surgeries.

Compiled list of Publications of the Department

Papers

Pubmed Indexed:

1. Chugh A et al. COVIDSurg Collaborative, GlobalSurg Collaborative. SARS-CoV-2 vaccination modelling for safe surgery to save lives: data from an international prospective cohort study. *Br J Surg.* 2021 Mar 24;znab101.
2. Chugh A et al. COVIDSurg Collaborative; GlobalSurg Collaborative. Timing of surgery following SARS-CoV-2 infection: an international prospective cohort study. *Anaesthesia.* 2021;76(6):748-758.
3. Chugh A, Kaur A, Kumar Patnana A, Kumar P, Chugh VK. Unisystem langerhans cell histiocytosis in maxillofacial region in pediatrics: comprehensive and systematic review. *Oral Maxillofac Surg.* 2021 Feb 16. doi: 10.1007/s10006-021-00949-9. Epub ahead of print.
4. A Chugh, Y Mittal, S Khatana, A Mishra, S Bhattacharya, J Nigam. Primary Oral Mucosal melanoma: Case Series and Review of Literature. *J Maxillofac Oral Surg* 2021; :1-7.

5. Singh S, Khera D, Chugh A. BCG vaccination protection against COVID-19: correspondence. *Ind J Ped.* 2021;88: 943–944.
6. Singh S, Chugh VK, Chugh A. A systematic review and meta-analysis of randomized clinical trials comparing rotary canal instrumentation techniques with manual instrumentation techniques in primary teeth. *Int Endod J* 2020;53(9):1307-1308
7. Kaur A, Chugh A, Kumar P. Dual support technique for paediatric palatal fracture "1.5mm transmucosal titanium plates along with acrylic splint backing" *BMJ Case Rep.* 2020 Nov 30;13(11):e233738.
8. Chugh A, Kaur A, Kohli A, Kumar P. Oral and maxillofacial minor surgery practice post COVID 2019 pandemic: An insight. *Ann Maxillofac Surg* 2020;10(2), 439- 43.
9. Patnana AK, Chugh A, Chugh VK, Kumar P, Rao V, Vanga N, Singh S. The prevalence of traumatic dental injuries in deciduous teeth: A systematic review and meta-analysis. *Dent Traumatol.* 2020 Dec 1. Epub ahead of print. PMID: 33289328.
10. M Sidhu, Chugh VK, Dmello K, Mehta A, Chugh A, Tandon P. Evaluation of stress pattern caused by mini-implant in mandibular bone with different angulations and retraction forces. *Turk J Orthod* 2020;33 (3):150-156.
11. Chugh A, Patnana AK, Kumar P, Chugh VK, Khera D, Singh S. Critical analysis of methodological quality of systematic reviews and meta-analysis of antibiotics in third molar surgeries using AMSTAR 2. *J Oral Biol Craniofac Res* 2020;10:441-449.
12. Chugh VK, Patnana AK, Chugh A, Kumar P, Wadhwa P, Singh S. Clinical differences of hand and rotary instrumentations during biomechanical preparation in primary teeth. A systematic review and meta-analysis. *Int J Paediatr Dent.* 2021 ;31(1):131-142.
13. Singh S, Mandal S, Chugh A. et al. Clinical post-operative bleeding during minor oral surgical procedure and in vitro platelet aggregation in patients on aspirin therapy: Are they coherent? *J Maxillofac. Oral Surg* 2021;20: 132–137.
14. Chugh A., Khatana, S. & Bhandari, R. A Novel Buccal Shield to Prevent Cheek Biting in Post-surgical OSMF Patients. *J. Maxillofac. Oral Surg.* 2021; 20: 325–327.
15. Chugh A, Mishra K, Sahu KK, Mittal Y, Chugh VK. Role of structured rehabilitation protocol in postsurgical cases of restricted mouth opening. *Indian J Dent Res* 2020;31:350-3.
16. Patnana AK, Chugh VK, Chugh A. An unusual variation of radicular dentin dysplasia: A rare case report with review of literature. *Indian J Dent Res.* 2020 ;31(5):807-812.
17. Chugh A, Srivastava I, Khatana S, Nalwa A, Bharti JN. Case series of adenomatoid odontogenic tumour of jaws with variations in presentation. *BMJ Case Rep.* 2020;13(1):e229358.
18. Patnana AK, Chugh A, Chugh VK, Kumar P. The incidence of nickel-titanium endodontic hand file fractures: A 7-year retrospective study in a tertiary care hospital. *J Conserv Dent* 2020; 23:21-5.
19. Chaudhry K, Patana AK, Sharma PP, Khatana S. Impact of Oral Submucous Fibrosis on quality of life: A multifactorial assessment. *J Maxfac Oral Surg* 2020; 19:251-6
20. Behl M, Patana AK, Chaudhry K. Evaluation of three different Bleaching agents in Permanent and primary teeth: An in vitro study. *Int J Clin Pediatr Dent* 2020;13:130-5.
21. Chaudhry K, Khatana S, Kumar S, Kaur A, Gigi PG. 2.5% EMLA versus 2 % Lignocaine and adrenaline injection in small oral mucosal biopsies: A parallel group randomized controlled trials. *J Maxillofac Oral Surg* 2020; 4:1-9.
22. Bali RK, Chaudhry K. Maxillofacial surgery and COVID-19, The Pandemic!! – Editorial. *J Maxillofac Oral Surg* 2020; 11:1-3.

Workshops/ Conferences Organized

1. Participated in Training of Trainer (TOT) Screening of Common Cancers for the Medical Officers – 8 sessions, Oral and Maxillofacial Surgery Section, Department of Dentistry

Eminent Visitors:

1. Dr. Pradeep Tandon, Prof. & Head, Department of Orthodontics, Faculty of Dental Sciences, KGMU Lucknow.
2. Dr. Divya Mehrotra, Prof, Department of Oral and Maxillofacial Surgery, Faculty of Dental Sciences, KGMU, Lucknow
3. Dr. T.P Chaturvedi, Prof & Head, Department of Orthodontics, Faculty of Dental Sciences, BHU, Varanasi.
4. Dr. Naresh Mehra, Prof & Head, Department of Oral and Maxillofacial Surgery, Faculty of Dental Sciences, BHU, Varanasi.

Any other information:

1. Organized Diagnostic and Awareness camp in Pindwara, Sirohi district with Tribal project on account of OMFS day, 13th Feb 2021

Name of Faculty : Dr. Pravin Kumar

Designation : Professor and Head

Invited Lectures

1. Guest lecture “Evolving trends and perspectives in Endodontic surgery”, 2nd National online webinar, occasion of silver jubilee year, Dr. ZA Dental College and Hospital, AMU Aligarh.19th July 2020

Research Project:

Ongoing:

As Principal Investigator

1. Kumar P, Ram Prakash, Chaudhry K, Efficiency of Cold Atmospheric Pressure (CAP) plasma Jet for smear layer removal in intra-radicular dentin when compared with two other chelating agents used as a final rinse – A scanning electron microscopic evaluation.
2. Kumar P, Ram Prakash, Kombade SP, Chugh A. An in-vitro analysis to evaluate the disinfection effectiveness of Cold Atmospheric Pressure (CAP) plasma Jet in Enterococcus Faecalis infected root canals.
3. Kumar P, Chugh A, Patnana AK. A modified explanation for caries prevalence score in Cariogram for Indian population – A cross sectional study.

As Co-Investigator

1. Evaluation of efficacy of PRF and various bone graft materials in surgical healing of palatal defects of endodontic origin. Extramural CSIR project.
2. Clinical, ultra-sonographic and electromyographic evaluation of prognostic factors in oral submucous fibrosis patients.
3. Efficacy of topical 0.02% Mitomycin in Improving Healing in Oral Submucous Fibrous Bands and Reconstruction with Buccal Fat Pad-a Split Mouth Pilot Study:
4. Minimal Clinically Important Difference of Mouth Opening in Oral Submucous Fibrosis Patients.
5. Oral Health in COVID-19 Patients:-A Descriptive Cross Sectional Study.
6. Effect of Delayed Appointment in Orthodontic Patients due to COVID-19 Pandemic:An Observational Study.

Completed:

As Principal Investigator

1. A retrospective analysis of efficacy of single visit root canal treatment during COVID-19 pandemic in a tertiary care hospital

As Co-Investigator

1. Kumar P, Chugh A, Rathore K. Knowledge, attitude and practices of parents towards importance of Primary teeth- A Questionnaire Survey in a tertiary care centre
2. Kumar P, Chugh A, Bhandhari R. Survey for awareness and willingness of patients of different age groups (20-35 yrs, 36-50 yrs, >51yrs) for implant treatment of missing teeth visiting a tertiary care centre, AIIMS Jodhpur

Membership/Post in Journal or Society or Association:

1. Reviewer; The PubMed Indexed Journal Indian Journal of Dental Sciences
2. Reviewer; Journal of Oral Biology and Craniofacial Research
3. Reviewer; Journal of Conservative Dentistry

National/ International Conferences attended:

1. Participated in the 12th IFEA World Endodontic Online Congress, September 2020.(Online)

Others:

1. Two students as co-supervisor in the MEDTECH PhD program. (IIT JDH)

Name of Faculty: Dr. Vinay Kumar Chugh

Designation: Additional Professor

Papers Presented:

1. Surgical-orthodontic treatment of a patient with a severe skeletal Class III jaw relationship with congenitally missing lower lateral incisor. The Virtual 9th International Orthodontic Congress, 12th APOC, Japan 4th-6thOctober 2020. (Online)
2. Prevalence of sella turcica bridging in subjects with developmental dental anomalies: a retrospective study. The Virtual 9th International Orthodontic Congress, 12th APOC, Japan 4th-6th October 2020. (Online)

Sessions Chaired:

1. Panel Judge, Scientific Session, Orthobite 2020-Virtual Orthodontic Conference, Indian Orthodontic Society, 4th-6th December 2020. (Online)

Invited Lectures

1. Biomechanics in Orthodontics. Masterclass in Orthodontics, Online Webinar Series, Rajasthan Orthodontic Study Group, Jaipur, 12thApril 2020. (Online)

Research Project:

Ongoing:

As Principal Investigator

1. Effectiveness of fixed and removable orthodontic appliances in anterior cross-bite correction during mixed dentition period - A Randomized Controlled Trial.

2. Evaluation of success of two orthodontic retainer wires on maxillary and mandibular arch retention over a 12-month period - A Randomized Controlled Trial.

Completed:

As Principal Investigator

1. The effects of delayed appointment in orthodontic patients due to COVID-19 pandemic: An observational study.

As Co-Investigator

1. Methylmethacrylate inter-facet and inter-vertebral body spacers in Cranio-Vertebral junction (CVJ) and various spine surgeries.

Examinership

1. MDS Orthodontics Internal Examiner. AIIMS Jodhpur, December 2020.

Membership/Post in Journal or Society or Association

1. Member; World Federation of Orthodontics.
2. Section Editor; Journal of Oral Biology and Craniofacial Research

National/ International Conferences attended:

1. Fundamental of Biomechanics. Dr. Gustavo Gameiro, University of Rio Grande do Sul, Brazil, 7th June 2020. (Online)
2. Orthodontic Biomechanics: First Principles and Clinical Applications of V Bends. Online Webinar, Dr. Madhur Upadhyay University of Connecticut Health Centre, USA, 9th June 2020. (Online)
3. KSIR Fabrication. Illuminati Series Webinar, Dr. Varun Kalra University of Pittsburgh, USA, 12th Sept 2020. (Online)
4. The Biomechanics Core. Dr. Birte Melson, Aarhus University, Denmark, 5th-6th Mar 2021. (Online)

Name of Faculty: Dr. Ankita Chugh

Designation: Additional Professor

Invited Lectures

1. Reviewers Workshop. Howdo editors look at your paper, Craniofacial Research Academy, 4th June 2020
2. Primary management of Trauma patients. OMFS day celebration, RAJAOMSI, 13thFeb 2021
3. Invited Lectures (4) and Class coordinator for Online BDS curriculum an Initiative. Women Maxillofacial Network, May- September 2020.
4. Talk on Awareness about OMFS for PHC/CHC doctors of Jodhpur in collaboration with School of Public Health AIIMS Jodhpur, 13thFeb 2021. (Online)

Resource Faculty:

1. Surgical device development Course.Faculty for OMFS, MMT program in collaboration with IIT Jodhpur

2. Coordinator for panel on “Complications in Midface trauma”. National AOMSI Virtual Masterclass, Association of maxillofacial Surgeons of India (AOMSI), 16th -20th March 2021

Research Project:

Ongoing:

As Principal Investigator

1. Efficacy of topical 0.02% Mitomycin in improving healing in oral submucous fibrosis patients after surgical release of fibrous bands and reconstruction with buccal fat pad- A split mouth pilot study
2. Clinical, ultrasonographic and electromyographic evaluation of prognostic factors in oral submucous fibrosis patients

As Co-Investigator

1. Patient reported distress and problems of oral cancer survivors in Rajasthan- A mixed method cross sectional study – Multi Centric study.
2. Evaluation of accuracy of orbital patient specific implants: A multi centric study – Submitted to DST
3. Tele-presence and Tele-action System for Robot Assisted Dentistry – In Collaboration with IIT Jodhpur, TU Delft- A multi- centric project- Submitted for Approval.

Completed:

As Principal Investigator

1. Evaluation of temporomandibular disorder (TMD) in medical professionals and their correlation with psychoemotional stress. A region-based study
2. Evaluation of awareness of local population of Western Rajasthan for oral cancer
3. Evaluating the Endodontic success of three different intracanal medicaments- A randomized controlled trial
4. Evaluation of manual and rotatory instrumentation for bio-mechanical preparation in permanent teeth- A randomized control trial
5. Evaluation of file fracture in root canal treatment in a tertiary Hospital.

As Co-Investigator

1. Kumar P, Chugh A, Rathore K. Knowledge, attitude and practices of parents towards importance of Primary teeth- A Questionnaire Survey in a tertiary care centre
2. Kumar P, Chugh A, Bhandhari R. Survey for awareness and willingness of patients of different age groups (20-35 yrs, 36-50 yrs, &>51yrs) for implant treatment of missing teeth visiting a tertiary care centre, AIIMS Jodhpur

Scientific Awards/Patents

1. Selected as Faculty for ATLS India. ATLS Provider Course, AIIMS Jodhpur March 2020

Examinership

1. MDS OMFS Internal Examiner, AIIMS Jodhpur, December 2020

Membership/Post in Journal or Society or Association

1. Section Editor; Orthognathic Surgery in Journal of Oral Biology and Craniofacial Research by Elsevier

National/ International Conferences attended:

1. Organizing team member and compered for 1st Global conference of WMN, 1st Aug 2020
2. National AOMSI Virtual Masterclass. Association of maxillofacial Surgeons of India (AOMSI), 16th - 20th March 2021. (Online)

Name of Faculty : Dr. Kirti Chaudhry

Designation: Additional Professor

Research Project:

Ongoing:

As Principal Investigator

1. Evaluating the concentrations of heavy metals in Oral Sub mucous fibrosis and oral cancer patients using serum and saliva as diagnostic mediums. AIIMS Jodhpur

Completed

As Principal Investigator

1. Oral health in covid-19 patients: a descriptive cross-sectional study.
2. Minimal Clinically Important Difference (MCID) of mouth opening in Oral Submucous Fibrosis patients.
3. Comparison of knowledge of Post Extraction Instructions and Risk factors between Dry socket and healthy socket patients: A cross sectional study.
4. Pain control during pulpectomy in Irreversible Pulpitis: A randomized parallel double blinded study.
5. The effect of oral rehabilitation under general anaesthesia on oral health related quality of life in Children – A prospective clinical trial
6. Six assisted improvement in reducing time to emergency root canal therapy in outpatient department of Dentistry.

Examinership

1. Oral and Maxillofacial Surgery. AIIMS Jodhpur. 9th - 12th December, 17th- 18th December
2. Oral and Maxillofacial Surgery. AIIMS Jodhpur. 3rd- 6th May, 19th- 20th May

Membership/Post in Journal or Society or Association:

1. Life Member; Membership number: 1334, Association of maxillofacial Surgeons of India (AOMSI)

Department of Dermatology, Venereology and Leprology

S.No.	Name	Designation
1	Dr. Abhishek Bhardwaj	Additional Professor and Head
2	Dr. Saurabh Singh	Associate Professor
3.	Dr. Anil Budania	Associate Professor
4.	Dr. Anupama Bains	Assistant Professor
5.	Dr. Suman Patra	Assistant Professor

About the Department:

The year 2020-21 will always hold a prominent place in the history of mankind when a major disruptor called COVID-19 pandemic happened.

Despite the pandemic, the department of Dermatology, Venereology and Leprology, continued unabated in its journey to become a center for excellence in patient care, teaching and research.

After the lockdown, our department continued to serve the underserved by managing patients first via tele-dermatology and thereafter in a hybrid mode wherein patients were seen in the physical OPD mode also.

The departments' first Post Graduate Examination was organized online and the first two Post Graduate students came out with flying colours, scrutinized by examiners from leading Institutes of National Importance.

The department has presently 15 post graduate students. In spite of the pandemic the PG teaching programme remained virtual yet comprehensive with Seminars, Journal Club, SR classes and online Dermatopathology sessions.

The Postgraduates continue to earn multiple accolades for the institution. They won many awards in poster and paper presentation. The senior residents are also contributing by writing papers and contributing to research.

The undergraduate teaching program went online with lectures and clinical teaching. The department embraced this form of teaching wholeheartedly and the efforts were appreciated by our Undergraduate students as well.

Research output increased manifold as can be made out by as many as 53 publications that are attributable to the members of the department. The department continues to conduct multiple research projects. Extra and Intra- Mural projects, besides non-funded research projects are being taken up for addressing knowledge-gaps of our specialty.

A major achievement of the department was to co-host the virtual state-level conference the 41st e-CUTICON Rajasthan. Prominent speakers, both national and International came on this platform to address a nation-wide audience. The conference was well received by one and all. Additionally, the department celebrated World Vitiligo day by organizing a Virtual CME. While other events were celebrated by displaying IEC posters on the respective days.

Another feather in the cap was the department winning 2 out of 3 awards in Regional ACAD chronicles for the state, this event is organized at the national level by Indian Association of Dermatologists, Venereologists & Leprologists. Thus the departments' footprint was acknowledged nationally in this tumultuous year.

Compiled list of Publications of the department**Papers****Pubmed Indexed:**

1. BandhalaRajan M, Kumar-M P, Bhardwaj A. The trend of cutaneous lesions during COVID-19 pandemic: lessons from a meta-analysis and systematic review. *Int J Dermatol*. 2020 Sep 16. doi: 10.1111/ijd.15154. Epub ahead of print. PMID: 32936462.
2. Bhardwaj A, Sharma C, Rajan M B. Simple solutions for fogging of spectacles on wearing surgical masks. *J Am AcadDermatol*. 2020 Aug 14:S0190-9622(20)32432-4. doi: 10.1016/j.jaad.2020.08.041. Epub ahead of print. PMID: 32805291; PMCID: PMC7427617.
3. Pathania YS, Bhardwaj A. Treatment of severe pemphigus vulgaris during COVID-19 pandemic. *J Dermatolog Treat*. 2020 Aug 4:1. doi: 10.1080/09546634.2020.1801971. Epub ahead of print. PMID: 32723116.
4. Rathod S, Suneetha S, Narang T, Bhardwaj A, Gupta SK, Kamoji SG, Ashwini PK, Pradhan S, Rather SP, Patnaik S, Shankar V, Jandhyala S, Rao PN, Dogra S. Management of Leprosy in the Context of COVID-19 Pandemic: Recommendations by SIG Leprosy (IADVL Academy). *Indian Dermatol Online J*. 2020 May 10;11(3):345-348.
5. Singh K, Srivastav S, Bhardwaj A, Dixit A, Misra S. Medical Education During the COVID-19 Pandemic: A Single Institution Experience. *Indian Pediatr*. 2020 Jul 15;57(7):678-679.
6. Sharma C, Singh P, Arora IK, Bhardwaj A, Saini A, Gothwal M, Jhirwal M. Assessment of understanding about human papilloma virus vaccination among undergraduate medical students in a developing country: Perspective from India. *J Family Med Prim Care*. 2020 Aug 25;9(8):4311-4316.
7. Rajan M B, Bhardwaj A, Khera S, Rajagopal V. Pigmented aqua-exacerbated symmetrical acral hyperkeratosis: Washing shows its true colour. *Indian Dermatol Online J* [Epub ahead of print] [cited 2020 Nov 20]
8. Singh S, Passi S. A 4-year multicentric experience of intravenous cannula-based intralesional radiofrequency ablation as an effective and safe office procedure for common cutaneous nodules. *Indian J DermatolVenereolLeprol*. 2021 Mar 2:1-3. doi: 10.25259/IJDVL_565_19. Epub ahead of print. PMID: 33666038.
9. Singh S, Rajagopal S V, Kour N, Rao M, Rao R. Platelet-rich-plasma injection and becaplermin gel as effective dressing adjuvants for treating chronic non-healing ulcers in patients with junctional epidermolysis bullosa. *J Am AcadDermatol*2020;S0190-9622(20)30844-6.
10. Ansari F, Singh S. Azathioprine in combination with methotrexate may not be a good therapeutic alternative in severe and recalcitrant forms of alopecia areata. *J EurAcadDermatolVenereol*. 2020 Dec;34(12):e814-e815.
11. Mudugal R, Beniwal R, Singh S, Khera S. Violaceous Papules and Nodules Over the Umbilicus: The Harbinger of Occult Intra-Abdominal Malignancy. *Indian Dermatol Online J*. 2020 Sep 19;11(5):852-853.
12. Singh S, Rajan M B, Bains A, Elhence P. Olopatadine eye drops are effective topical treatment for cutaneous mastocytomas: A novel treatment. *DermatolTher*. 2020 Nov;33(6):e14045.
13. Rajagopal Srinivasan V, Singh S, Bharti JN, Vedant D. Terbinafine-induced DRESS syndrome mimicking eosinophilic cellulitis. *J EurAcadDermatolVenereol*. 2021 Feb;35(2):e145-e147.
14. Singh S, Singh S, Thangaswamy A, Thangaraju P, Varthya SB. Efficacy and safety of Risankizumab in moderate to severe psoriasis: A systematic review and meta-analysis. *DermatolTher*. 2021 Jan;34(1):e14487.
15. Rajan M B, Bhardwaj A, Singh S, Budania A, Bains A, Thirunavukkarasu P, Kumar-M P. Identification of novel step-up regimen of intralesional triamcinolone acetonide in scalp alopecia areata based on a double-blind randomized controlled trial. *DermatolTher*. 2021 Jan;34(1):e14555.

16. Rajan M B, Bhardwaj A, Singh S. Luer-lock cap for tackling acne scar subcision-related blood spill. *J Am Acad Dermatol.* 2021 Jan 10:S0190-9622(21)00142-0. doi: 10.1016/j.jaad.2020.12.084
17. Elhence P, Vedant D, Singh S, Pareek P. An unusual nodular tumour of the penile shaft with clinicopathologic and immunohistochemical correlation. *Turk Patoloji Dergisi.* 2021 Jan. DOI: 10.5146/tjpath.2021.01534
18. Pathania YS, Budania A. Artificial intelligence in dermatology: "unsupervised" versus "supervised" machine learning. *Int J Dermatol.* 2021;60:e28-e29.
19. Pathania YS, Budania A. Hypertrophic scar revealing an underlying primary chancre. *Int J STD AIDS.* 2021;32:213-214. PMID: 33323067.
20. Pathania YS, Budania A. Chrome ulcers: an occupational hazard. *J Eur Acad Dermatol Venereol.* 2020 ;34:e180-e182. PMID: 31811776.
21. Rajan MB, Budania A, Vishwajeet V. Drawstring papules in an Indian woman. *Br J Dermatol.* 2020;183:e3. PMID: 32253758.
22. Pathania YS, Budania A. Visual Dermatology: Facial Idiopathic Granulomas With Regressive Evolution (FIGURE). *J Cutan Med Surg.* 2020; 10:1203475420943261. PMID: 32776798.
23. Mudugal R, Budania A, Elhence P, Tyagi N. Psoriasiform plaques on the dorsa of the feet responding to zinc supplementation. *Clin Exp Dermatol.* 2021 ;46:195-198. PMID: 32875610.
24. Pathania YS, Budania A. Comment on "Children with chronic urticaria can be effectively controlled with up dosing second-generation antihistamines". *J Am Acad Dermatol.* 2020 ;83:e363-e364. PMID: 32622147.
25. Ahmed S, Tiwari S, Yadav T, Khera PS, Garg P, Sureka B, Budania A, Singh S. Parry Romberg syndrome: Imaging features in 4 consecutive cases and review of literature. *J Clin Neurosci.* 2020 ;76:249-253. PMID: 32317188.
26. Pathania YS, Rajagopal S V, Bharti JN, Budania A. Unilateral Acral Keratotic Papules and Punctate Pits: Challenge. *Am J Dermatopathol.* 2021;43:e30-e31. PMID: 33337666.
27. Pathania YS, Rajagopal S V, Bharti JN, Budania A. Unilateral Acral Keratotic Papules and Punctate Pits: Answer. *Am J Dermatopathol.* 2021;43:228. PMID: 33595229.
28. Pathania YS, Rao M, Budania A. Drug reaction with eosinophilia and systemic symptoms (DRESS) syndrome: An unusual presentation with multiple follicular papules. *Indian Dermatol Online J [Epub ahead of print]* Available from: <https://www.idoj.in/preprintarticle.asp?id=295453>
29. Bains A, Vishwajeet V. Visual Dermatology: Solitary Ulcerated Plaque Over a Scar. *J Cutan Med Surg.* 2020 May 21:1203475420929019. doi: 10.1177/1203475420929019. Epub ahead of print. PMID: 32436750.
30. Bains A, Singh S, Dutt N, Asfahan S, Vedant D, Nalwa A. Medicopsisromeroi infection presenting as disseminated nodules and sinuses in a patient with chronic rheumatoid arthritis. *J Eur Acad Dermatol Venereol.* 2021 Jan;35(1):e70-e72.
31. Bains A, Rajagopal SV, Rao M. DRESS Syndrome Secondary to Spironolactone with Atypical Presentation. *Indian Dermatol Online J.* 2020 Sep 19;11(6):1022-1023.
32. Bains A, Tyagi N. Scrotal plaques as a predominant presentation in a case of secondary syphilis. *Indian J Dermatol Venereol Leprol.* 2021 Mar-Apr;87(2):252-254.
33. Bains A, Rajagopal S V, Lahoria U. Dermoscopy of salt and pepper pigmentation. *Indian Dermatol Online J [Epub ahead of print]* [cited 2021 Apr 7]. Available from: <https://www.idoj.in/preprintarticle.asp?id=295449>
34. Lahoria U, Bains A, Vedant D. Visual Dermatology: Hemorrhagic Bulla in Oral Cavity. *J Cutan Med Surg.* 2020 Sep/Oct;24(5):519.
35. Rajagopal S V, Bains A, Vedant D. Indurated yellowish-orange colored plaques over forearm in a middle-aged female. *Int J Dermatol.* 2020 Sep 2. doi: 10.1111/ijd.15161. Epub ahead of print. PMID: 32880918.

36. Rajan MB, Bains A, Vedant D. Dermoscopy of Acrokeratosis Verruciformis of Hopf. *Indian Dermatol Online J.* 2020 Sep 28;12(2):374-375.
37. Pathania YS, Mudugal R, Bains A, Elhence P. Nodular swelling over finger in a middle-aged female. *Int J Dermatol.* 2020 Oct 27. doi: 10.1111/ijd.15260. Epub ahead of print. PMID: 33107029.
38. Sirka CS, Sahu K, Hallur V, Rout AN, Bains A. Pleomorphic and Widespread Lesions of Phaeohyphomycosis in a Leprosy Patient on Corticosteroid. *Indian Dermatol Online J.* 2021 Mar 2;12(2):319-323.
39. Ansari F, Bains A, Budania A, Bhardwaj A. Recurrent oral vesicles in a female child with allogenic bone marrow transplantation. *Pediatr Dermatol.* 2021 Mar;38(2):487-489.
40. Verma KK, Patra S, Bhari N. Is weekly azathioprine pulse effective and safe in dermatological conditions? *Dermatol Ther.* 2021 Jan;34(1):e14513
41. Patra S, Kaur M, Gupta S. Intralesional radiofrequency with a thin hypodermic needle in the management of papular acne scars. *J Am Acad Dermatol.* 2021 Jun;84(6):e259-e260.
42. Kaur M, Patra S, Asati DP, Sharma T, Prasad S. Lucio phenomenon in a patient of lepromatous leprosy from India. *Indian J Dermatol Venereol Leprol.* 2021 Jan-Feb;87(1):67-70
43. Patra S, Senthilnathan G, Ramam M, Arava S, Bhari N. Linezolid: A novel treatment option for the treatment of a non-responsive case of actinomycotic mycetoma. *Indian J Dermatol Venereol Leprol.* 2021 May-Jun;87(3):455
44. Gupta A, Kaur M, Patra S, Khunger N, Gupta S. Evidence-based Surgical Management of Post-acne Scarring in Skin of Color. *J Cutan Aesthet Surg.* 2020 Apr-Jun;13(2):124-141.
45. Sahni MK, Chaurasia JK, Patra S. Circumscribed Area of Leukotrichia over Plexiform Neurofibroma: An Important Clue or Mere Coincidence? *Indian Dermatol Online J.* 2020 Sep 19;11(5):831-832.
46. Jain S, Patra S, Choudhary S, Kaur M. An easy way to make blisters in suction blister grafting of vitiligo with Hijama therapy cups. *J Am Acad Dermatol.* 2020 May 23;S0190-9622(20)30974-9
47. Patra S, Agarwal S, Sharma VK, Ramam M. Solitary hard plaque on scalp with pustules: An unusual case of secondary osteoma cutis. *Indian J Dermatol Venereol Leprol.* 2020 May-Jun;86(3):329-330.
48. Sutar R, Patra S, Siddiqui F, Diwan S, Rajan A. A rare case report of Lilliputian and Brobdingnagian hallucinations in a case of pemphigus vulgaris. *Indian J Psychiatry.* 2020 Jul-Aug;62(4):435-436.
49. Kaur M, Asati DP, Khurana U, Patra S. Unilateral lymphoedema of lower limb: an unusual presenting feature of hidden tuberculosis verrucosa cutis of foot. *BMJ Case Rep.* 2020 Nov 3;13(11):e236587.
50. Patra S, Kaur M, Sharma VK. Stepwise treatment of primary focal hyperhidrosis with aluminum chloride hexahydrate lotion (20%) and oral glycopyrrolate: a retrospective study from a tertiary care center. *Dermatol Ther.* 2020 Nov;33(6):e13914.
51. Patra S, Agrawal A, Chaurasia J, Rupla R. A Slow Growing Firm Swelling over Proximal Nail Fold with Nail Dystrophy. *Indian Dermatol Online J.* 2020 Sep 28;12(2):366-367.
52. Kaur M, Ramam M, Patra S, Khurana U, Asati DP. Large erythematous annular plaques on the trunk with painful palmoplantar nodules. *Clin Exp Dermatol.* 2020 Dec;45(8):1087-1090.
53. Gupta P, Asati DP, Patra S. An itchy rash over a foot: Dermoscopy clinched the diagnosis. *Indian Dermatol Online J* [Epub ahead of print] [cited 2021 Jun 26]

Non-Pubmed Indexed:

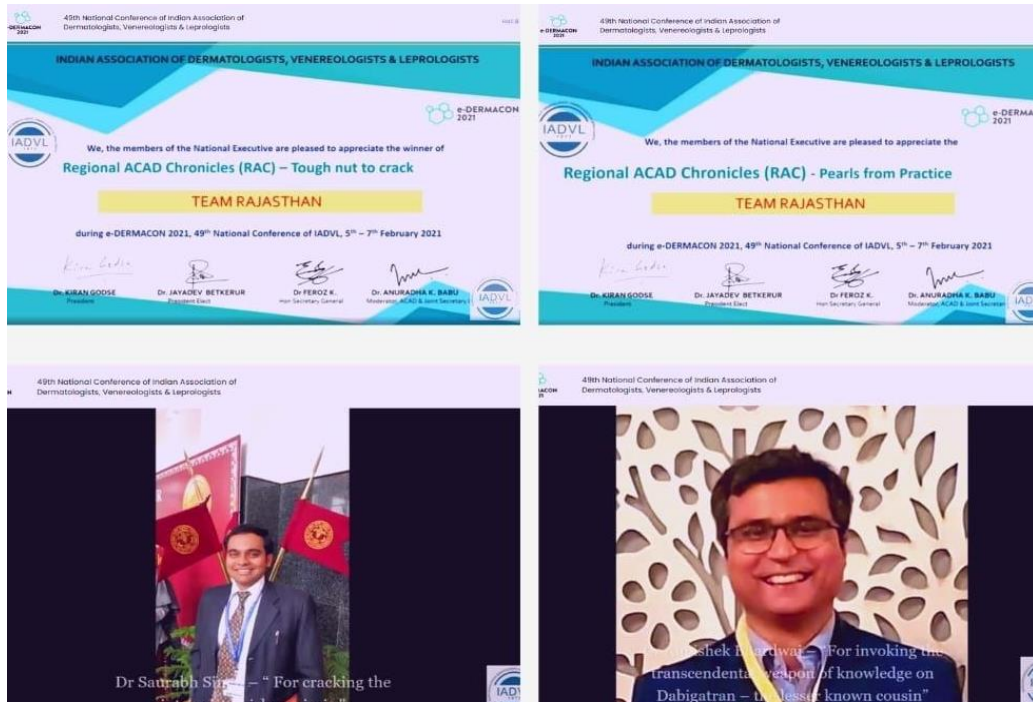
1. Patra S, Rupla R, Narula S, Asati DP. Response to intravenous immunoglobulin in a patient of drug reaction eosinophilia systemic symptom syndrome with renal involvement complicated by steroid-induced avascular necrosis of femur. *Indian J Drugs Dermatol* 2020;6:88-90

Workshops/ Conferences Organized

1. e CUTICON. 41st Annual Conference of Rajasthan State branch of IADVL, AIIMS, Jodhpur & Dr. SNMC, Jodhpur, 19th-20th December 2020

Any other information:

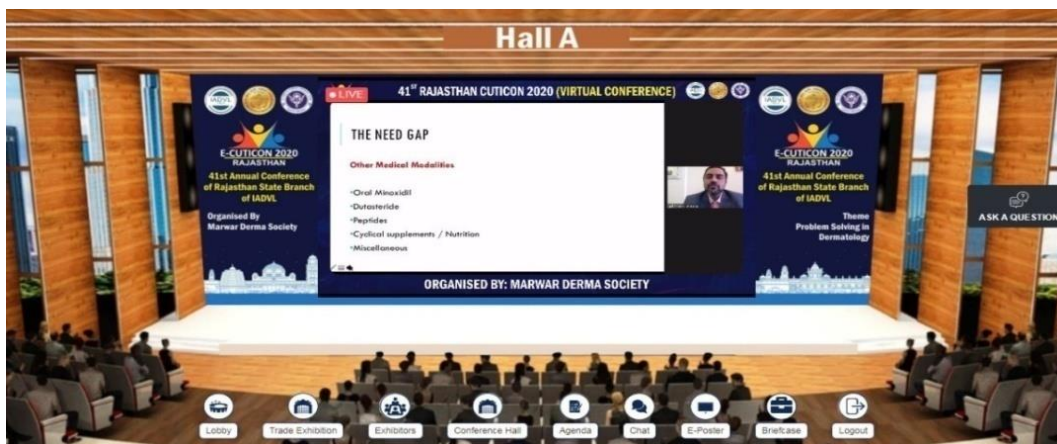
1. At the 49th e-DERMACON 2020, organized by Indian Association of Dermatologists, Venereologists & Leprologists and held online on 5th-7th February 2021, Dr. Abhishek Bhardwaj and Dr. Saurabh Singh were recognized as the best presentations nationwide through the year, in categories “Pearls from Practice” and “Tough nut to crack” respectively.



Two best presentations awards secured by the Faculty at the national level conference

2. The Department of Dermatology, Venereology and Leprology, AIIMS Jodhpur and Dr SN Medical college Jodhpur organized a virtual conference e-CUTICON (41st Annual Conference of Rajasthan state branch of IADVL) on 19th & 20th December 2020. The conference was attended in online mode by delegates from Rajasthan and all over the country. Theme of the conference was “Problem solving in dermatology”. The conference was structured into two days and two virtual halls A and B. The event featured lectures, case-based panel discussions and question-answer session for the delegates. Eminent international and national speakers delivered talks on recent updates on various dermatological diseases and shared their clinical experience regarding how to solve cases which are challenging in terms of diagnosis and treatment. On day 1 (19th December 2020) talks and panel-based discussions were organized on following topics: utility of dermoscopy and dermatopathology in challenging cases and vasculitis. There was a session dedicated to dermatosurgery which focused on minimally invasive modalities in hair problems and various tips and tricks in dermatosurgery. On day 2 (20th December 2020) topics discussed were Tofacitinib in dermatology, approach to management in facial melanoses, vitiligo surgery and Lasers. There was also a session on leprosy and neglected tropical diseases which highlighted management of challenging cases in leprosy and tuberculosis. Session on allergic disorders, biologics in atopic dermatitis and immunobullous disorders were discussed. There were free paper, award paper sessions poster presentation for postgraduate students.

Dr Esther Freeman, Director (MGH Global Health Dermatology) and Associate Professor of Dermatology at Harvard Medical School, enlightened the delegates on COVID-19 pandemic and its impact on Dermatology. All these sessions helped in learning many new aspects related to dermatology and opened new ideas for research.

Snapshot from 41st Rajasthan e-CUTICONMany knowledge-gaps were addressed during 41st Rajasthan e-CUTICON

Name of Faculty : Dr. Abhishek Bhardwaj
Designation : Additional Professor and Head

Sessions Chaired:

1. Web-based CME on Leprosy. IADVL, Gujarat State Branch, 16th August 2020

Invited Lectures:

1. How I manage Livedoid Vasculopathy. 49th e-DERMACON 2020, Indian Association of Dermatologists, Venereologists&Leprologists (IADVL), 5th-7th February 2021. (Online)
2. Alopecia areata- Past, Present and Future. PGNAR, Dermatologists Consortium of India, 23rd February 2021. (Online)
3. Diagnosis and D/D of Leprosy.DERMANAR, Indian Association of Dermatologists, Venereologists&Leprologists, IADVL TELANGANA, 11th Jan 2021. (Online)
4. Panel discussion on "4 R's of Leprosy". 49th e-DERMACON 2020, Indian Association of Dermatologists, Venereologists&Leprologists (IADVL), 5th-7th February 2021. (Online)
5. Panel discussion on "Difficult to manage cases in Leprosy". Virtual International CUTICON UP-UK 2020, Indian Association of Dermatologists, Venereologists&Leprologists IADVL UP & UK, 17th-18th October 2020. (Online)

6. Panel discussion on "Management of Hansen's disease- Updates". CME on 'World Leprosy Day', AIIMS Gorakhpur, 29th January 2021. (Online)

Resource Faculty:

1. Chairperson of Scientific Committee. 41st Rajasthan CUTICON, 19th-20th December 2020 (Online)
2. Member of Special Interest Group (SIG- Leprosy). Indian Association of Dermatologists, Venereologists&Leprologists (IADVL), 17th-18th October 2020. (Online)

Research Projects:

Ongoing

Chief Investigator:

1. Correlation of cutaneous hyperandrogenism with Anti Mullerian Hormone levels and polycystic ovarian morphology (PCOM) in females. Intra mural project

Co-Investigator:

1. Improving quality of Medical Education through evaluation of multiple thematic opportunities in instructional methods and assessment created during COVID-19 Pandemic.
2. Online Microteaching comparison of two methods for faculty teaching skills during COVID-19 and Post COVID-19.
3. Need assessment regarding Telemedicine among indigenous population of District Sirohi.
4. Study of Knowledge, Attitude and practice about COVID-19 among Tribal healers in District Sirohi.

Examinership

1. Internal Examiner for Post Graduate Exam. AIIMS, Jodhpur, June 2020
2. External examiner. Rabindranath Tagore Medical College, Udaipur, June 2020
3. External examiner. Dr. Sampooranand Medical College, Jodhpur, Nov 2020
4. External examiner. ERAS Medical College, Lucknow, Aug 2020
5. Thesis examiner. Dr. Sampooranand Medical College, Jodhpur, March 2020
6. Internal Examiner of Dermatology for MBBS. AIIMS, Jodhpur
7. Paper setter for MBBS students. AIIMS, Rishikesh

Membership/ Post in Journal or Society or Association :

1. Member; Special Interest group (SIG-Leprosy) of Indian Association of Dermatologists, Venereologists&Leprologists (IADVL)
2. Joint Vice-President; IADVL (Rajasthan state branch)
3. Vice-President; Marwar Derma Society
4. Reviewer; Dermatology Therapy
5. Reviewer; Cutaneous Medicine and Surgery

National/ International Conferences attended:

1. 41st CUTICON RAJASTHAN, organized by AIIMS, Jodhpur & Dr. SNMC, Jodhpur under aegis of Indian Association of Dermatologists, Venereologists&Leprologists (Rajasthan Branch), 19th-20th December 2020. (Online)

2. 49th e-DERMACON 2020, organized by Indian Association of Dermatologists, Venereologists & Leprologists, 5th-7th February 2021. (Online)
3. Virtual International CUTICON UP-UK 2020, organized by UP & UK IADVL, 17th-18th October 2020. (Online)

Any other information:

1. Awarded the best presentation on “Pearls from Practice” in Regional ACAD Chronicles at 49th e-DERMACON 2020.
2. Judge at AC Parikh session at CUTICON Maharashtra 2020
3. Organized IEC activity for public awareness on National Leprosy day

Name of Faculty: Dr. Saurabh Singh

Designation: Associate Professor

Invited Lectures

1. Speaker on “Approach to slide viewing and basic tissue reaction patterns” and slide discussion on “Benign appendageal tumors”, Dermatopathology CME, AIIMS Bhopal, 21st -22nd July 2020. (Online)
2. Panelist on Dermavaarta Rajasthan titled “Skin failure and erythroderma”, IADVL Rajasthan, 19th August 2020. (Online)
3. Panelist on “Pigmentary disorders”, jointly organised by IADVL SIG Pigmentary disorders and IADVL Rajasthan, 13th September 2020.
4. Speaker on “Nail spotters”. PGCON, IADVL-Academy, 19th September 2020. (Online)
5. Video lecture on “CPC cases: Psoriasiform tissue reaction pattern” as an online teaching module for our national body IADVL, uploaded on iadvl.org.
6. Speaker on 2 topics on “Vitiligo surgery: In-vivo non-cultured epidermal cell suspension” and “Autologous fat grafting for facial acne scars”, 9th DASIL World Congress Virtual, November 2020. (Online)
7. Speaker on “Interesting clinicopathologic cases in appendageal diseases”, E-Dermacon, 5th- 7th Feb 202. (Online)

Resource Faculty:

1. Organizing secretary. 41st e-CUTICON Rajasthan, 19th-20th December 2020.
2. Hall manager. Virtual ACSICON, Dec 2020

Research Projects:

Ongoing:

As Principal Investigator

1. Small nodular basal cell carcinomas may be safely excised with minimal tumor free margin: a brief institutional experience.
2. Retrospective analysis of autologous fat grafting in patients with atrophic acne scars.

As Co-investigator

1. Application of new tools for molecular diagnosis and surveillance of post kala azar dermal leishmaniasis and cutaneous leishmaniasis in India. Chief investigator for the Jodhpur site. ICMR multicentric research project.

Completed**As Principal Investigator**

1. A retrospective study of mycetoma cases: an institutional experience from western India.
2. Minimal erythema dose testing with NBUVB in local population of western Rajasthan.

Examinership

1. MD Dermatology final exam AIIMS Jodhpur. Internal examiner, June 2020.
2. Thesis examination external expert. SNMC Jodhpur, Feb 2021.
3. MD Dermatology Theory exam setting Examiner. AIIMS Rishikesh, Dec 2020.
4. DNB Dermatology practical exam setter. NBE (Delhi), Feb 2021.

Membership/ Post in Journal or Society or Association :

1. Executive Editor; Dermatology Point of Care content, Elsevier India
2. Joint Secretary; IADVL- Rajasthan State Branch
3. Minister; Marwar Derma Society
4. Executive Committee member; Dermatopathology Society of India

National/ International Conferences attended:

1. Dermatopathology CME, AIIMS Bhopal, 21st -22nd July 2020. (Online)
2. Dermavaarta Rajasthan titled "Skin failure and erythroderma", IADVL Rajasthan, 19th August 2020.
3. Pigmentary disorders, IADVL SIG Pigmentary disorders and IADVL Rajasthan, 13th September 2020.
4. PGCON, IADVL-Academy, 19th September 2020. (Online)
5. 9th DASIL World Congress (Virtual), November 2020. (Online)
6. E-Dermacon, 5th- 7th Feb 2021. (Online)

Workshops/ Conferences Organized:

1. Organizing Secretary; virtual CME on World Vitiligo Day, June 2020
2. Organizing Secretary; IADVL Rajasthan CUTICON (virtual), December 2020.
3. Academy member and organizing committee member; ACISCON (virtual), Dec 2020.

Any other information:

1. Awarded the best presentation on "Toughnut to crack" in Regional ACAD Chronicles at 49th e-DERMACON 2020.
2. Nodal Officer for Dermatology at ART centre, AIIMS, Jodhpur
3. Newsletter :IADVL SIG Dermatopathology Newsletter November 2020. Total 3 write ups:
 - Lichen planus- a better half !? : POEM
 - Ulcerated papule on face: beacon to underlying duodenal adenocarcinoma (UtkristLahoria, Saurabh Singh, RanjanaBeniwal, Meenakshi Rao, Uma Nahar): Case report
 - Dermatopathology MCQs Quiz (AfrozAlam, Saurabh Singh): Quiz

Name of Faculty : Dr. Anil Budania**Designation: Associate Professor****Research Project:****Ongoing:****As Principal Investigator**

1. Clinical profile of urethritis and cervicitis and molecular characterization of the causative organisms.

Completed:

As Principal Investigator

1. A split scalp and face study to evaluate the effects of Platelet Rich Plasma (PRP) prepared and activated by two different methods in androgenetic alopecia and periorbital hyperpigmentation.

National/ International Conferences attended:

1. One week Online Training Program. Statistical Data Analysis for Biomedical Research, Science Tech Institute, Lucknow, 21st – 27th December 2020. (Online)
2. e CUTICON. Annual State Level Conference of Indian Association of Dermatologists, Venereologists&Leprologists. as Member Scientific Committee,Jodhpur, 19th - 20th December 2020. (Online)
3. Workshop on Epi-Info software learning. National Institute of health & Family Welfare, 23rd -25th November 2020.
4. e-CODFICON. 10th Annual Conference of Contact & Occupational Dermatoses Forum of India, 08th November 2020. (Online)
5. Webinar on “Introduction to Cochrane Library”, 21st October 2020. (Online)
6. e-ASTICON. First National e Conference of Indian Association for the Study of Sexually Transmitted Diseases & AIDS, 13th September 2020. (Online)

Name of Faculty : Dr. Anupama Bains

Designation: Assistant Professor

Research Project:

Ongoing:

As Co-Investigator:

1. Retrospective analysis of autologous fat grafting in patients with atrophic acne scars. Non funded

Completed:

As Principal Investigator

1. A survey of treatment practices among dermatologists during the COVID-19 pandemic. Non funded

As Co-Investigator

1. A retrospective study of mycetoma cases: an institutional experience from western India. Non funded
2. Small nodular basal cell carcinomas may be safely excised with minimal tumor free margin: a brief institutional experience. Non funded

Membership/Post in Journal or Society or Association :

1. Board Member;Marwar Derma Society
2. Reviewer; Clinical and Experimental dermatology.

National/ International Conferences attended:

1. Training module on “Dermoscopy”. IADVL Academy, 16th June 2020. (Online)
2. Training module in “Follicular occlusion disorders and Rosacea”, IADVL Academy, 4th September 2020. (Online)

3. One week online training program on Biostatistics for medical professionals. Science Tech Institute, Lucknow, Uttar Pradesh, 2nd-8th November 2020 (Online)
4. Webinar on "Hormonal and Metabolic aspects of acne". IADVL, 28th June 2020. (Online)
5. LASER-E Workshop. LASER hair reduction, IADVL, 19th July 2020. (Online)
6. National e-Conference of Indian association for the study of Sexually transmitted diseases and AIDS, e-ASTICON 2020, IASSTD & AIDS, 13th September 2020. (Online)
7. Post graduate conference, PGCON 2020, IADVL, 19th- 20th September 2020. (Online)
8. Pediatric Dermatology conference, E-PEDDERMACON 2020, IADVL, 26th July 2020. (Online)
9. e-Workshop on "Introduction, indications, standard method of preparation and innovations in the technique for the preparation of PRP", IADVL, 23rd August 2020. (Online)
10. Workshop "Research Methodology/How to publish-workshop", IADVL Academy, 1st November 2020. (Online)
11. IADVL National Vitiligo-e symposium, IADVL Academy, 21st June 2020. (Online)
12. 41st Annual Conference of Rajasthan State branch of IADVL, Marwar Derma Society, 19th -20th December 2020. (Online)
13. Virtual 8th Mid Annual National conference of IADVL, MID DERMACON 2020, IADVL, 29th- 30th August 2020. (Online)
14. Webinar (CME) on "Neglected Tropical diseases", by IADVL Academy and IADVL Delhi state branch, 27th September 2020.
15. Virtual annual conference of Dermatopathology Society of India, CMC Vellore, 15th-16th Jan 2021.

Any other information:

1. Member of scientific committee for 41st Annual Conference of Rajasthan State branch of IADVL (CUTICON) held on 19th -20th December 2020
2. Nodal officer for vaccine preventable diseases (VPD) surveillance programme.

Name of Faculty : Dr. Suman Patra

Designation: Assistant Professor

(Joined on 11th Jan 2021)

Examinership:

1. Paper setter for MBBS students, AIIMS, Rishikesh

Membership/Post in Journal or Society or Association :

1. Member; International Society of Pediatric Dermatology
2. Member; Special Interest Group (SIG- Dermatosurgery) of Indian Association of Dermatologists, Venereologists & Leprologists (IADVL)

Any other information:

1. Judge at e-poster session of 41st CUTICON RAJASTHAN
2. Quiz Master at state level IADVL GSK for Orissa-Chhattisgarh region
3. Quiz Master at Dermatopathology workshop at AIIMS, Bhopal.

Department of Diagnostic and Interventional Radiology

S.No.	Name	Designation
1	Dr.Pushpinder SinghKhera	Additional Professor and Head
2	Dr.Binit Sureka	Associate Professor
3	Dr.Pawan Kumar Garg	Associate Professor
4	Dr.Taruna Yadav	Associate Professor
5	Dr.Sarbesh Tiwari	Assistant Professor
6	Dr. Rengarajan Rajagopal	Assistant Professor

About the Department

The department provides highenddiagnostic and intervention services and is offering services in Radiography, Ultrasound, Mammography, dual-source dual-energy Computed tomography (CT) and 3-Tesla Magnetic resonance imaging (MRI).The new dual source dual energy CT scanner was installed in month of January 2021, in the for emergency and trauma wing of the hospital. This is one of state-of-art machines with advanced acquisition technology for acquiring scans with low contrast doses and dual energy.

The department is in process of installation of a new 3 Tesla magnetic resonance scanner with advanced technology such as compressed sensing. This will further increase the number of advancedimaging as well as help in therapeutic procedures.

The interventional set up comprises of aBiplane DSA machine with advanced interventional tools. The intervention lab is one of finest labs in the country catering to both vascular and non-vascular procedures. The period of Corona pandemic presented with unique challenges such as acute ischemic stroke in young patients during the active or convalescence stage of the disease. The Interventional Radiology team performed many vascular procedures on Corona positive patients on an emergency basis. The period of Corona pandemic also saw the department providing diagnostic services to COVID patients with HRCT thorax and bedside point of care ultrasound being the main modalities.

Advanced cardiac MR imaging is being done for adults and children with complex cardiac disorders.

The number of complex neurointerventional procedures have seen a steady increase in the past year.

Interventional services for acute aortic emergencies have been started in the current year with four such cases done in the initial few months of 2021.

With commencement of Gastroenterology services in AIIMS the past year has seen an increase in abdominal vascular interventions such as TIPS/DIPS(Transjugular/Direct Intrahepatic Portosystemic Shunt), hepatic vein recanalization and Trans Jugular Liver Biopsies.

Apart from these the various vascular interventional procedures done in the department include a wide spectrum namely intracranial aneurysm coiling, carotid artery stenting, pre-operative embolization for vascular tumors, embolization for bronchial arteries, gastrointestinal bleeders, post-partum hemorrhage etc., TACEfor hepatocellular carcinomas, interventions for portal hypertension namely TIPSand BRTO,various interventions for peripheral arterial disease such as aorto-iliac and peripheral arterial angioplasties and stenting and thrombolysis for critical limb ischemia, sclerotherapy for vascular malformations and various image guided pain management procedures.

During the current year, total 4 students completed fellowship courses in Vascular and interventional Radiology, Abdominal Radiology, Neuroradiology and Thoracic Radiology. Fellowships have been started in Pediatric radiology in the year 2020.Our fellow Dr Suvinay Saxena received third prize in online quiz

during Second Annual National Virtual Conference of the Society of Chest Imaging and Interventions (SCII-CON - 2020) on 26th-27th Sept. 2020.

The department runs outdoor services, specialized clinic (for peripheral vascular diseases) and inpatient services thereby making it one of the very few of its kind in India. This enables the fellows and residents to be well versed with clinical management of the patients.

With the COVID19 pandemic, the academic activities of the department were continued online using virtual meeting platforms. The Residents and Fellows of department participated in various virtual national and international conferences and CMEs.

Compiled list of Publications of the department:

Publications:

1. Sureka B, Jha S, Yadav A, Varshney V, Soni S, Vishnoi JR, Yadav T, Garg PK, Khera PS, Misra S. MDCT evaluation of pancreatic contour variations in head, neck, body and tail: surgical and radiological significance. *Surgical and Radiologic Anatomy*. 2021 Mar 18:1-8.
2. Sureka B, Garg MK, Misra S. Cleaning and Disinfection of CT Equipment During the Coronavirus Disease (COVID-19) Pandemic. *AJR Am J Roentgenol*. 2021 Jan;216(1):W9.
3. Sureka B, Misra S. N95 respirator or triple layer surgical mask: Radiologist perspective. *Indian J Radiol Imaging*. 2021 Jan;31(Suppl 1):S198-S203.
4. Sureka B, Garg PK, Khera PS, Sinha A, Misra S. Rationalizing personal protective equipment (PPE) in radiology in the time of COVID-19. *The Indian Journal of Radiology & Imaging*. 2021 Jan;31(Suppl 1):S204.
5. Sureka B, Tiwari S, Garg PK, Yadav T, Khera PS, Tak V, Misra S. COVID-19 pandemic: Cleaning and disinfection—What should the radiologist know?. *The Indian Journal of Radiology & Imaging*. 2021 Jan;31(Suppl 1):S207.
6. Sureka B, Jha S, Rodha MS, Chaudhary R, Elhence P, Khera PS, Garg PK, Yadav T, Goel A. Combined hyperdense gallbladder wall-lumen sign: new computed tomography sign in acute gangrenous cholecystitis. *Polish Journal of Radiology*. 2020;85:e183.
7. Sureka B, Sinha A, Tak V, Garg MK, Bhatia PK, Bhardwaj P, Nag VL, Dutt N, Elhence A, Bhaskar S, Bishnoi A, Chauhan N, Bishnoi NR, Misra S. Customized personal protective equipment (PPE): Solution to conservation and management of supplies during the coronavirus disease 2019 (COVID-19) pandemic. *J Family Med Prim Care*. 2020 May 31;9(5):2180-2182.
8. Sureka B, Garg MK, Misra S. N95 respirator and surgical mask in the pandemic of COVID-19. *Ann Thorac Med*. 2020 Oct-Dec;15(4):247-248.
9. Sureka B, Rai B, Varshney V, Nag VL, Garg MK, Garg PK, Yadav T, Khera PS, Goel A. Quantitative diffusion-weighted magnetic resonance imaging for prediction of early infection in pancreatic collections: Results of a pilot study. *Saudi J Gastroenterol*. 2020 Jan-Feb;26(1):20-25.
10. Sureka B., Vishwajeet V., Elhence P., Varshney V., Yadav T. Microcystic pancreatic ductal adenocarcinoma: Myth or reality? *Indian Journal of Medical and Paediatric Oncology*. 2020;41(5), 731.
11. Garg PK, Khera PS, Saxena S, Sureka B, Garg MK, Nag VL, Purohit A, Dutt N, Tiwari S, Yadav T, Singh S, Misra S. Chest-X-ray-Based Scoring, Total Leukocyte Count, and Neutrophil-to-Lymphocyte Ratio for Prediction of COVID-19 in Patients with Severe Acute Respiratory Illness. *Turkish Thoracic Journal*. 2021 Mar;22(2):130.

12. Garg PK, Khera PS, Pathak M, Mirza G, Saxena R, Yadav T. Arterio-Duodenal Fistula: A Rare Complication of Laparoscopic Choledochal Cyst Excision. *Journal of Indian Association of Pediatric Surgeons*. 2021 Jan 1;26(1):57.
13. Garg PK, Tiwari S, Babu S, Rodha MS, Meena SP, Khera PS. Preoperative Percutaneous Glue Embolisation of Giant Chest Wall Arteriovenous Malformation. *Indian Journal of Surgery*. 2020 Dec;82(6):1161-4.
14. Garg P, Patel S, Sharma A, Khera P. Retrograde radial arteriovenous fistula, post coronary artery intervention. *Authorea Preprints*. 2020 Jun 13.
15. Yadav T, Mirza G, Khera PS, Garg P. Macrodystrophia lipomatosa with fibrolipomatous hamartoma of medial plantar nerve and lipomatosis of thigh. *Sudanese Journal of Paediatrics*. 2020;20(1):62.
16. Yadav T, Saxena S, Dutt N, Garg P, Khera P. Vanishing aneurysms in Behcet's disease-A case series. *Monaldi Archives for Chest Disease*. 2021 Feb 2;91(1).
17. Yadav T, Shaikh M, Panda S, Khera P. Temporal encephalocele into transverse sinus in an adult with partial seizures: MRI evaluation of a rare site of brain herniation. *Indian J Radiol Imaging*. 2020 Oct-Dec;30(4):517-520.
18. Tiwari S, Garg PK, Khera PS, Babu S, Sureka B, Yadav T. Cerebral Proliferative Angiopathy: An Uncommon and Misdiagnosed Entity. *Journal of Clinical Interventional Radiology ISVIR*. 2020 Aug;4(02):107-10.
19. Tiwari S, Garg PK, Patavardhan P, Chauhan NK, Bhaskar S, Khera PS. Pseudo-subarachnoid Hemorrhage in a Patient with Acute on Chronic Respiratory Failure. *Annals of Indian Academy of Neurology*. 2020 Sep 1;23(5):706.
20. Tiwari S, Garg PK, Khera PS, Santhosh B, Yadav T, Sureka B. Delayed Spontaneous Thrombosis of Neglected Direct Carotid-Cavernous Fistula: A Case Report. *Neurointervention*. 2020 Jul 1;15(2):96.
21. Tiwari S, Yadav T, Pamnani J, Mathew JM, Elhence P, Praneeth K, Vedant D, Khera PS, Garg P, Vyas V. Diffuse leptomeningeal glioneuronal tumor: a unique leptomeningeal tumor entity. *World neurosurgery*. 2020;135:297-300.
22. Tiwari S, Yadav T, Pamnani J, Shukla K, Rao M, Gosal JS, Garg P, Khera PS. Primary spinal epidural extraosseous Ewing's Sarcoma with brachial plexus infiltration. *Asian Journal of Neurosurgery*. 2020 Oct 1;15(4):1068.
23. Jain S, Sharma V, Patro SK, Khera P, Yadav T, Tiwari S, Kaushal D, Soni K, Goyal A. Correlation of cochlear nerve cross-sectional area and auditory performance after cochlear implantation in prelingual children with bilateral profound hearing loss. *Int J Pediatr Otorhinolaryngol*. 2020 Oct;137:110173.
24. Sharma S, Dixit SG, Khera PS, Garg PK, Nayyar AK, Ghatak S. Moyamoya disease in a 29-year-old female of Indian Origin. *Journal of the Anatomical Society of India*. 2020 Jul 1;69(3):182.
25. Chawla S, Sureka B, Varshney VK, Nayar R, Sreesanth KS. A Rare Complication of Feeding Jejunostomy: Murky Waters of the Surgeons. *Cureus*. 2021 Jan 27;13(1):e12945.
26. Jha S, Sureka B, Khera PS. Differential Diagnosis of IgG4-Related Sclerosing Cholangitis. *AJR Am J Roentgenol*. 2020 Aug;215(2):W23.
27. Mittal A, Jayappa M, Sureka B, Singh K. Incidental chronic kidney disease in an obese child with high myopia: Questions. *Pediatr Nephrol*. 2020 Oct 6. doi: 10.1007/s00467-020-04783-1. Epub ahead of print. PMID: 33025204.
28. Gupta D, Vishwajeet V, Pandey H, Singh M, Sureka B, Elhence P. Epithelioid angiomyolipoma with tumor thrombus in IVC and right atrium. *Autops Case Rep*. 2020 Sep 2;10(4):e2020190.

29. Mittal A, Singh AP, Sureka B, Singh K, Pareek P, Misra S. Telemedicine during COVID-19 crisis in resource poor districts near Indo-Pak border of western Rajasthan. *J Family Med Prim Care*. 2020 Jul 30;9(7):3789-3790.
30. Solanki V, Singh P, Sharma C, Ghuman N, Sureka B, Shekhar S, Gothwal M, Yadav G. Predicting Malignancy in Adnexal Masses by the International Ovarian Tumor Analysis-Simple Rules. *J Midlife Health*. 2020 Oct-Dec;11(4):217-223.
31. Elhence A, Sureka B, Garg MK, Bhardwaj P, Kanchan T, Sinha A, Bhatia PK, Nag VL, Kothari N, Dutt N, Bhaskar S, Tak V, Bishnoi NR, Misra S. Preparing for a COVID-19 pandemic: Redefining roles of multidisciplinary team in a large tertiary hospital in Rajasthan. *J Family Med Prim Care*. 2020 Nov 30;9(11):5439-5444.
32. Niwas R, S AS, Garg MK, Nag VL, Bhatia PK, Dutt N, Chauhan N, Charan J, Asfahan S, Sharma P, Bhardwaj P, Banerjee M, Garg P, Sureka B, Bohra GK, Gopalakrishnan M, Misra S. Clinical outcome, viral response and safety profile of chloroquine in COVID-19 patients - initial experience. *Adv Respir Med*. 2020;88(6):515-519.
33. Deora S, Garg P, Gehlot R. Aortic coarctation presenting as dysphagia: a clinical and surgical challenge. *Asian Cardiovascular and Thoracic Annals*. 2020 Nov;28(9):615-7.
34. Badkur M, Lodha M, Garg P, Acharya N, Kollanur C, Prakash S. Simultaneous primary testicular and laryngeal non-Hodgkin lymphoma in a 56 year old male-A rare presentation. *International Journal of Medical Reviews & Case Reports*. 2021;5(1):72-6.
35. Shedge R, Kanchan T, Garg PK, Dixit SG, Warriar V, Khera P, Krishan K. Computed tomographic analysis of medial clavicular epiphyseal fusion for age estimation in Indian population. *Legal Medicine*. 2020 Sep 1;46:101735.
36. Varshney VK, Suman S, Garg PK, Soni SC, Khera PS. Management options for post-esophagectomy chylothorax. *Surgery Today*. 2020 Sep 17:1-8.
37. Lodha M, Badkur M, Garg P, Puranik A, Chaudhary R, Rodha MS, Prakash S. Does laparoscopic hernia repair affect the vascularity of testis?. *Journal of Family Medicine and Primary Care*. 2020 May;9(5):2465.
38. Chauhan NK, Shadrach BJ, Garg MK, Bhatia P, Bhardwaj P, Gupta MK, Dutt N, Jalandra RN, Garg P, Nag VL, Sharma P, Bohra GK, Kumar D, Elhence PA, Banerjee M, Mathur D, Purohit AH, Gadepalli R, Sureka B, Misra S. Predictors of Clinical Outcomes in Adult COVID-19 Patients Admitted to a Tertiary Care Hospital in India: an analytical cross-sectional study: Predictors of clinical outcomes in COVID-19. *Acta Biomed [Internet]*. [cited 2021 Jun. 26];92(3):e2021024.
39. Rodha MS, Meena SP, Soni SC, Garg PK, Cardoz AV. Unpredictable Outcome of Large Traumatic Oesophageal Injury: An Experience and Challenges. *Journal of Clinical & Diagnostic Research*. 2021 Mar 1;15(3).
40. Mishra S, Ghatak S, Singh P, Agrawal D, Garg P. Transverse cerebellar diameter: a reliable predictor of gestational age. *African Health Sciences*. 2020 Dec 16;20(4):1927-32.
41. Elhence A, Gahlot N, Gupta A, Garg P. Internal pudendal artery injury following an open book pelvic fracture: A Case Report. *Malaysian Orthopaedic Journal*. 2020 Nov;14(3):180.
42. Varshney VK, Sreesanth KS, Gupta M, Garg PK. Laparoscopic retrieval of impacted and broken dormia basket using a novel approach. *Journal of minimal access surgery*. 2020 Oct;16(4):415.
43. Sharma AK, Patel S, Meena D, Sahu RK, Goyal A, Garg PK, Kumar M. Large sternal exostoses presenting as stridor: A surgical and anesthetic challenge. *Journal of Cardiac Surgery*. 2020 Sep;35(9):2388-91.

44. Goyal K, Varshney VK, Hussain S, Garg PK, Bhargava N. Endoscopic Biliary Stenting for Portal Biliopathy Perforating Paracholedochal Collateral: A Rare Complication. *Journal of Digestive Endoscopy*. 2020 Sep;11(03):235-7.
45. Yadav P, Kumar A, Mathur R, Garg P, Gopalakrishnan M, Garg MK. Tubelight Adrenals in Diabetic Ketoacidosis. *Clinical Practice and Cases in Emergency Medicine*. 2020 Aug;4(3):482.
46. Patel S, Sharma AK, Meena D, Garg PK, Tiwari S, Ghosh TS. Extracranial carotid artery pseudoaneurysm due to Mycobacterium tuberculosis. *Asian Cardiovascular and Thoracic Annals*. 2020 Jun;28(5):279-81.
47. Khera S, Elhence P, Bagga N, Garg P, Choudhary R. Sialolipoma of Parotid Gland: a Lesser Known Entity. *Indian Journal of Surgery*. 2020;82(1):90-2.
48. Kaur N, Varshney VK, Kombade SP, Yadav T, Suman S, Garg PK, Nag VL. Splenic abscess owing to Salmonella Typhi: An uncommon presentation. *Japanese Journal of Infectious Diseases*. 2020:JJID-2020.
49. Varshney VK, Yadav T, Elhence P, Sureka B. Preoperative diagnosis of pancreatic schwannoma – Myth or reality. *J Cancer Res Ther*. 2020 Dec;16:S222-S226.
50. Kumar M, Rao M, Elhence P, Kaushal D, Yadav T. Schwannoma of head-and-neck region: A clinical chameleon - Report of two cases occurring at rare sites with unusual clinical manifestations. *J Oral Maxillofac Pathol*. 2020 Jan-Apr;24(1):164-167.
51. Aneja J, Varshney V, Ks S, Singhai K, Yadav T. Clozapine Triggering Cecal Volvulus in a Patient With Malrotation and Schizophrenia: Side Effect That Needs Emphasis. *Cureus*. 2020 May 5;12(5):e7971.
52. Varshney B, Elhence P, Soni S, Varshney VK, Yadav T, Saha S. Gallbladder Tuberculosis Presenting as Obstructive Jaundice. *ACG Case Rep J*. 2020 Jun 25;7(6):e00414.
53. Varshney B, Bharti JN, Varshney VK, Yadav T. Mixed neuroendocrine-non-neuroendocrine neoplasms (MiNEN) of pancreas: a rare entity-worth to note. *BMJ Case Rep*. 2020 Apr 27;13(4):e234855.
54. Soni S, Varshney V, Swami A, Sreesanth KS, Yadav T, Garg P. Minimal Invasive Esophagectomy: Feasibility in esophageal carcinoma with Inferior vena cava anomaly. *The Annals of Thoracic Surgery*. 2021 Mar 2.
55. Soni S, Swami A, Yadav T, Sreesanth KS, Varshney VK. Postcholecystectomy Duodenal Injury: Role of Conservative Management. *Cureus*. 2020 Oct 24;12(10):e11144.
56. Agarwal N, Shekhar S, Goyal M, Singh P, Yadav T. Successful outcome in a rare case of live post-term ovarian pregnancy. *J Obstet Gynaecol Res*. 2020 Oct.
57. Gupta D, Gupta A, Nalwa A, Yadav T, Chaudhary R, Rao M. Cytopathologic findings in histiocytic sarcoma of thyroid mimicking as anaplastic carcinoma: A report of a rare case with review of literature. *Diagn Cytopathol*. 2020 Dec 5.
58. Bharti S, Bharti J, N, Sinha A, Yadav T: Common and Rare Histological Variants of Hepatoblastoma in Children: A Pathological Diagnosis and Review of the Literature. *Gastrointest Tumors* 2021;8:41-46.
59. Vyas V, Khera D, Didel S, Yadav T, Singh K. Hypoparathyroidism precipitated by mumps: An unusual temporal association. *Indian Pediatr Case Rep* 2021;1:33-5
60. Saxena S, Yadav T, Khera PS, Jha S. Simplifying the complicated heel-an emergency imaging approach to calcaneal fractures. *Emerg Radiol*. 2021 Jan 25.

61. Sarangi S., Khera S., Elhence P.A., Meena S.P, Yadav T, Madhubala. Pilomatrical Carcinoma of the Scalp in a Setting of Pilomatricoma and Trichilemmal Cysts—a Rare Entity. *Indian J Surg* 83, 318–320 (2021).
62. Jain S, Yadav T, Kumar P, Goyal JP. Recurrent croup in a young child: look beyond airways disease. *BMJ Case Rep.* 2021 Feb 22;14(2):e236605.
63. Swami A, Yadav T, Varshney VK, Sreesanth KS, Dixit SG. Hepatic Arterial Variations & Its Implication During Pancreatic Cancer Surgeries. *J Gastrointest Cancer.* 2021 Feb 22.
64. Bharti JN, Choudhary GR, Madduri VK, Yadav T. Mucinous tubular and spindle cell carcinoma: A difficult diagnosis. *Urol Ann* 2021;13:180-2
65. Ahmed S, Tiwari S, Yadav T, Khera PS, Garg P, Sureka B, Budania A, Singh S. Parry Romberg syndrome: Imaging features in 4 consecutive cases and review of literature. *Journal of Clinical Neuroscience.* 2020 Apr 18.
66. Khera D, Didel S, Mittal A, Tiwari S, Garg P. Intracerebral Haemorrhage in an Adolescent With COVID-19 With Acute Kidney Injury: Is the Virus to Blame?. *Cureus.* 2021 Mar 30;13(3).
67. Gosal JS, Tiwari S, Garg M, Bhaskar S, Jha DK. Letter to “Diffuse leptomeningeal glioneuronal tumour (DLGNT) with hydrocephalus as an initial symptom: a case-based update”. *Child's Nervous System.* 2020 Jul;36(7):1341.
68. Wildman J, Baker MR, Price DA, Tiwari S, Kumar H, Rice GI, Crow YJ, Thomas RH. Clinical Reasoning: A 25-year-old woman with recurrent episodes of collapse and loss of consciousness. *Neurology.* 2020 Jun 2;94(22):994-9.
69. Kulanthaivelu K, Lanka V, Chandran C, Nandeesh BN, Tiwari S, Mahadevan A, Prasad C, Saini J, Bhat MD, Chakrabarti D, Pruthi N. Microcystic Meningiomas: MRI- Pathologic Correlation. *Journal of Neuroimaging.* 2020 Sep;30(5):704-18.
70. Sharma S, Panda S, Tiwari S, Patel A, Jain V. Chronic encephalopathy and locked-in state due to scrub typhus related CNS vasculitis. *Journal of Neuroimmunology.* 2020 Sep 15;346:577303.
71. Meena DS, Kumar D, Gopalakrishnan M, Bohra GK, Midha N, Vijayvargiya P, Tiwari S. Purulent pericarditis in a patient with community-acquired methicillin-resistant *Staphylococcus aureus*: a case report with mini-review. *Germes.* 2020 Sep;10(4):249.
72. Gosal JS, Shukla K, Praneeth K, Tiwari S, Garg M, Bhaskar S, Elhence P, Jha DK, Khera S. Coexistent pituitary adenoma and frontal convexity meningioma with frontal sinus invasion: a rare association. *Surgical Neurology International.* 2020;11.
73. Gosal JS, Garg M, Tiwari S, Das KK, Jha DK. White epidermoid: an important radiological mimic of the dermoid. *Child's Nervous System.* 2021 Mar;37(3):737-8.
74. Vijayvergia P, Vijayan N, Midha NK, Kumar D, Gopalakrishnan M, Tiwari S, Garg MK. Methicillin-Sensitive *Staphylococcus Aureus* Pyogenic Iliopsoas Abscesses: A case series from Jodhpur, India. *Infectious Disorders Drug Targets.* 2020 Nov 3.
75. Kumar N, Gosal JS, Tiwari S, Garg M, Bhaskar S, Jha DK. Craniovertebral junction anomaly with kissing carotids. *Surgical Neurology International.* 2020;11.
76. Patel A, Panda S, Tiwari S. De-novo Bibrachial Choreo-Dystonic Attacks due to Sudden Dopaminergic Load. *Clinical Neurology and Neurosurgery.*:106479.
77. Sharma S, Ruparelia J, Bhaskar S, Tiwari S, Nag VL, Panda S. Acute Fulminant Cerebellitis in Paediatric COVID-19 Infection-rare, yet a potentially treatable clinical entity. *Pediatric Neurology.* 2021 Mar 26.
78. Mahal S, Tiwari S, Yadav T, Khera PS. Looking deep into cerebral venous system: Is that a pathology or just a normal variant?. *European Congress of Radiology* 2020.

79. Babu AA, Padmanabhan A, Khera PS, Sonwalkar H. Better safe than sorry: Interventional radiology should be prepared for the coronavirus disease 2019 pandemic. *Journal of Clinical Interventional Radiology ISVIR*. 2020 Apr;4(01):38-41.
80. Saxena R, Pathak M, Shukla R, Sinha A, Elhence P, Bharti JN, Khera P. Bronchial Carcinoid Tumour as a Rare Cause of Cushing's Syndrome in Children: A Case Report and Review of Literature. *Journal of clinical research in pediatric endocrinology*. 2020 Dec;12(4):340.
81. Saxena S, Khera P, Rai B, Gonnade N. Story of a superfluous muscle accessory soleus muscle sprain: Imaging and diagnostic approach!. *Indian Journal of Medical Sciences*. 2020:1-4.
82. Patra A, Gibikote S, Khera PS, Kalra N, Keshava SN. Publication Parameters for Medical Faculty Promotions: A Survey on the Medical Council of India Amendment 2019 with Review of Literature. *Annals of the National Academy of Medical Sciences (India)*. 2021 Feb 1.
83. Jhirwal M, Singh P, Sharma C, Khera P. Herlyn-Werner-Wunderlich (HWW) syndrome with kyphoscoliosis: a rare urogenital anomaly in a teenage girl. *BMJ Case Reports CP*. 2021 Mar 1;14(3):e238688.
84. Vishwajeet V, Soni S, Elhence P, Khera PS. Giant lipoma of descending colon masquerading as a colonic malignancy. *BMJ Case Reports CP*. 2021 Feb 1;14(2):e237517.

Name of Faculty : Dr. Pushpinder S Khera
Designation: Additional Professor and Head

Invited Lectures

1. IR management of non-chylous pleural effusions and thoracic collections. Society for Chest Imaging and Interventions. 23rd September 2020. (Online)
2. Cases in Emergency Radiology: my best and worst Cases-Gastrointestinal bleeds. 7th Annual Conference of the Society for Emergency Radiology. 6th-7thNov 2020. (Online)
3. Basics of chest radiograph.IRIA ICRI. Wednesday Webinars for Post Graduate students, 25th Nov 2020.
4. Interventional Radiology: a casebased approach. National Board of Examinations, 04-02-2021 (Online)

Resource Faculty:

1. Conducted the mock live PG teaching session. IRIA, Kochi, 3rd July 2020.
2. Faculty for conducting a quiz. 2nd Annual National Conference of the Society of Chest Imaging and Intervention (SCII-CON 2020), 26th – 27thSeptember 2020.
3. Faculty participant in the Post graduate refresher course. Department of Radiology, Christian Medical College, Vellore, Tamil Nadu, 8th - 9th Jan 2021. (Online)

Papers/E-poster Presented:

1. Sethumadhavan S, Garg P, Tiwari S, Khera PS, Sureka B, Yadav T. Uncommon complication during onyx embolisation of cerebral AVM. *ISVIR(Indian Society of Vascular and Interventional Radiology) Virtual Midterm CME*, 18th Oct 2020. (Online)

2. Ghosh T, Garg P, Tiwari S, Khera PS, Patel S, Sharma A, Sureka B, Yadav T. Cascade of complications following carotid body tumor excision “Anything that can go wrong; Will go wrong”. ISVIR Virtual Midterm CME, 18th Oct 2020.
3. Sethumadhavan S, Ghosh T, Garg P, Tiwari S, Khera PS. An uncommon complication of a common endovascular procedure. PAIRS(Pan Arab Interventional Radiology Society) annual online conference,26th -27thFebruary 2021. (Online)
4. Saicharan, Garg P, Tiwari S, Khera PS, Garg M. Endovascular and percutaneous embolization– A savior in aggressive vertebral hemangioma. PAIRS 2021, 26th- 27thFebruary 2021. (Online)
5. Ghosh T, Garg P, Khera PS, Tiwari S, Sureka B, Yadav T. Fluoroscopy guided Balloon Dilatation for esophageal stricture: Preliminary experience. ISPR(Indian Society of Pediatric Radiology), Oct 2020.

Research Project:

Ongoing:

Principal Investigator

1. A phase IV Drug Trial on “Safety and Efficacy of Lipiodol® Ultra Fluid in Association with Surgical Glues during Vascular Embolization”. Extramural Project
2. Multicentric Trial on “Clinical Trial of the Content-based Image Retrieval-based Computer Aided Diagnosis (CBIR-CAD) for lung nodules andILD patterns” at IIT Kharagpur, AIIMS Jodhpur, SGPGI Lucknow and IIT Patna (Submitted to Ministry of Electronics and Informative Technology, India). Extramural Project
3. Safety and Efficacy of Transarterial Chemoembolization with Lipiodol® in the treatment of inoperable Hepatocellular Carcinoma (HCC) in Indian Patients, Phase IV Clinical Trial. Extramural Project

Co-Principal Investigator

1. To assess the various imaging features of Covid-19 on Computed Tomography (CT) scan in moderate or severely symptomatic patients. Non-funded Project
2. Convolutional Neural Network based Model with Transfer Learning approach for detection of COVID-19 using Chest X-Rays. Non-funded Project
3. Retrospective data charting of Chest X-ray and Hemogram for prediction of Covid-19 in patients presenting with clinical features of SARI (Severe acute respiratory infection). Non-funded Project

Membership/Post in Journal or Society or Association

1. Life Member; Indian Radiological and Imaging Association
2. Life Member; Indian Society of vascular and Interventional Radiology (ISVIR)
3. Life Member; Society for Chest Imaging and Interventions in India(SCII)
4. Corresponding member; European Society of Radiology (ESR)
5. Member; Cardiovascular and Interventional Society of Europe (CIRSE)
6. Section Editor; Journal of Clinical Interventional Radiology

National/ International Conferences attended

1. 2nd Annual National Conference of the Society of Chest Imaging and Intervention (SCII-CON 2020), 26th – 27thSeptember 2020. (Online)

2. Indian Society of vascular and Interventional Radiology (ISVIR) Virtual Midterm CME 18, Oct 2020. (Online)
3. Indian Society of Paediatric Radiology (ISPR), Oct 2020. (Online)

Name of Faculty: Dr. Binit Sureka,
Designation : Associate Professor

Invited Lectures

1. Imaging Approach in Obstructive Jaundice. National Board of Examinations, 25th March 2021. (Online)
2. How to survive COVID challenge. IRIA-ICRI E-symposium, 30th August 2020 (Online)
3. Pancreatic Incidentalomas. Gujarat State Chapter of IRIA 28th August 2020. (Online)
4. LIRADS. IRIA-ICRI IREP, 24th October 2020. (Online)
5. Chronic Pancreatitis vs Pancreatic Carcinoma. IRIA-ICRI IREP, 28th October 2020. (Online)

Research Project:

Ongoing:

Chief Investigator:

1. Can CT and MRI determine the origin of Periapillary carcinomas: determine the key imaging features

Co-Investigator:

1. Maternal and neonatal outcome and multidisciplinary management of placenta accrete spectrum within a single tertiary centre
2. Endothelial dysfunction in children with CKD – associating circulating endothelial cells and markers of mineral bone disease with endothelial function and atherosclerosis

Scientific Awards/Patents:

1. Patent filed and approved for Mobile Aerosol Restriction Box for COVID-19 (MARB) -Official Journal of the Patent Office 26/2020 page-24036 – 26th June 2020
2. Certificate of Merit. For the Best poster- CT update on Gastric cancer, European Society of Gastrointestinal & Abdominal Radiology, 19th-22nd May 2020 (Online)
3. Awarded Dr. Diwan Chand Aggarwal Memorial Oration 2022. (will be awarded) on 74th Annual Conference of IRIA, Bengaluru, January 2022
4. Competitive paper (top 3) selected for Dr. Ashok Mukherjee Award. To be presented on 74th Annual Conference of IRIA, Bengaluru, January 2022

Examinership

1. External examiner for Certificate course for Radiodiagnosis practical examination. R.N.T. Medical College, Udaipur, November 2020
2. External examiner for Certificate course for Radiodiagnosis practical examination. Dr S.N. Medical College, Jodhpur, December 2020
3. Internal examiner MD Radiodiagnosis, AIIMS Jodhpur, November 2020

4. Contributed MCQs for National Board of Examinations, New Delhi PG Exit (virtual)
5. Contributed MCQs for National Board of Examinations, New Delhi MBBS Exit (virtual)
6. Practical Examiner for DNB Radiodiagnosis. August 2020

Membership/Post in Journal or Society or Association

1. Fellow; European Society of Gastrointestinal & Abdominal Radiology (ESGAR)
2. Fellowship; Indian College of Radiology & Imaging (FICR)

National/ International Conferences attended:

1. Liver Imaging Workshop. European Society of Gastrointestinal and Abdominal Radiology. 10th-11thSeptember 2020. (Online)
2. Pancreatic Imaging Workshop. European Society of Gastrointestinal and Abdominal Radiology. 15th-16th October 2020. (Online)
3. Annual Meeting. ESAGR. 19th-22nd May 2020. (Online)

Name of Faculty : Dr. Pawan K Garg

Designation : Associate Professor

Invited Lectures

1. Approach to ILD. IRIA ICRI. Wednesday Webinars, 25thNovember 2020

Resource Faculty

1. Radiology Mock Exam for postgraduates under KREST and IRIA Kochi. 10thAugust 2020
2. Faculty for conducting a quiz during the 2nd Annual National Conference of the Society of Chest Imaging and Intervention (SCII-CON 2020), 26th -27thSeptember 2020.
3. Faculty for case discussion for Society of Chest Imaging and Intervention (SCII)-ILD course. 2ndOct 2020.

Papers/E-poster Presented:

1. Sethumadhavan S, Garg P, Tiwari S, Khera PS, Sureka B, Yadav T. Uncommon complication during onyx embolization of cerebral AVM. ISVIR Virtual Midterm CME. 18thOct 2020. (Online)
2. Ghosh T, Garg P, Tiwari S, Khera PS, Patel S, Sharma A, Sureka B, Yadav T. Cascade of complications following carotid body tumor excision "Anything that can go wrong; Will go wrong. ISVIR Virtual Midterm CME, 18th Oct 2020. (Online)
3. Sethumadhavan S, Ghosh T, Garg P, Tiwari S, Khera PS. An uncommon complication of a common endovascular procedure. PAIRS 2021, 26th -27thFebruary 2021. (Online)
4. Saicharan, Garg P, Tiwari S, Khera PS, Garg M. Endovascular and percutaneous embolization– A savior in aggressive vertebral hemangioma. PAIRS 2021, 26th -27th February 2021. (Online)
5. Ghosh T, Garg P, Khera PS, Tiwari S, Sureka B, Yadav T. Fluoroscopy guided Balloon Dilatation for esophageal stricture: Preliminary experience. ISPR, Oct 2020. (Online)

Research Project:

Ongoing:

Co-investigator

1. A phase IV Drug Trial on “Safety and Efficacy of Lipiodol® Ultra Fluid in Association with Surgical Glues during Vascular Embolization. Extramural Project.
2. Multicentric Trial on “Clinical Trial of the Content-based Image Retrieval-based Computer Aided Diagnosis (CBIR-CAD) for lung nodules and ILD patterns” at IIT Kharagpur, AIIMS Jodhpur, SGPGI Lucknow and IIT Patna (Submitted to Ministry of Electronics and Informative Technology, India). Extramural Project
3. Safety and Efficacy of Transarterial Chemoembolization with Lipiodol® in the treatment of inoperable Hepatocellular Carcinoma (HCC) in Indian Patients, Phase IV Clinical Trial. Extramural Project

As Principal Investigator

1. To assess the various imaging features of Covid-19 on Computed Tomography (CT) scan in moderate or severely symptomatic patients. Non-funded Project
2. Convolutional Neural Network based Model with Transfer Learning approach for detection of COVID-19 using Chest X-Rays. Non-funded Project
3. Retrospective data charting of Chest X-ray and Hemogram for prediction of Covid-19 in patients presenting with clinical features of SARI (Severe acute respiratory infection). Non-funded Project

Scientific Awards/Patents

1. First prize for presentation by Sreenath Sethumadhavan, Pawan Garg, Sarbesh Tiwari, Pushpinder S Khera, Binit Sureka, Taruna Yadav. “Uncommon Complication During Onyx Embolization of Cerebral AVM”. ISVIR Virtual Midterm CME, 18th Oct 2020. (Online)

Membership/Post in Journal or Society or Association

1. Corresponding member; European Society of Radiology (ESR)
2. Annual membership; Cardiovascular and Interventional Society of Europe (CIRSE).

National/ International Conferences attended:

1. 2nd Annual National Conference of the Society of Chest Imaging and Intervention (SCII-CON 2020), 26th – 27th September 2020. (Online)
2. Indian Society of vascular and Interventional Radiology (ISVIR) Virtual Midterm CME 18, Oct 2020. (Online)
3. Pan Arab Interventional Radiology Society (PAIRS) Annual Congress online on 26th -27th February 2021. (Online)
4. Indian Society of Paediatric Radiology (ISPR), Oct 2020.

Name of Faculty : Dr. Taruna Yadav

Designation : Associate Professor

Invited Lectures:

1. Invited as faculty to give multiple lectures for “Training of trainer (ToT)” screening of common cancers programme for the medical officers. AIIMS Jodhpur. Conducted 6 sessions since January 2021 on

17/1/2021, 29/1/2021, 3/2/2021, 17/2/2021, 3/3/2021, 24/3/2021. Topics were “Screening mammography” and “Role of ultrasound and MRI in breast imaging”.

2. To conduct a KREST “Mock exam” for MD radiodiagnosis students. Under the banner of IRIA. 21st August 2021
3. Approach to mediastinal pathologies. ICRI/IRIA. 24th Nov 2020
4. Congenital lung anomalies. ISPR meets IRIA/ICRI synergy series 2, ICRI/IRIA, 7th March 2021.
5. Imaging of malignant pancreatic lesions - What we need to know as radiologists. ICRI/IRIA, 27th March 2021.

E-posters presentation:

1. Multifaceted imaging in the diagnosis of Congenital Lung lesions. Second Annual National virtual Conference of the Society of Chest Imaging and Interventions (SCII-CON - 2020), 26th-27th September 2020. (Online)
2. Ultrasound - a beating pulse in emergency. ESGAR 2021, 18th September, 2021. (Online)
3. Classic Case - “Mineralizing Microangiopathy with Basal Ganglia Infarct”. 13th April 2020, AJNR website. (Online)
4. Comparative analysis of arterial spin labelling and dynamic contrast perfusion imaging for quantitative perfusion measurements of brain tumors”. ECR 2021, 3rd-7th 2021. (Online)
5. Imaging approach to non-traumatic acute abdominal emergencies in children: From Radiograph to Advanced imaging. 3rd-7th March 2021, ECR 2021. (Online)
6. Complications of pediatric osteomyelitis”. 18th annual national conference of Indian society of paediatric radiology, 11th October 2020. (Online)
7. Magnetic resonance imaging insight in pediatric hydrocephalous - a pictorial review. 18th annual national conference of Indian society of paediatric radiology, 11th October 2020. (Online)
8. Fluoroscopy guided balloon dilatation for esophageal stricture by interventional radiologists. 18th annual national conference of Indian society of paediatric radiology, 11th October 2020. (Online)
9. Correlation of urethral ratio and bladder wall thickness with cystoscopic findings in posterior urethral valve patients to assess residual valves. Indian association of pediatric surgeons annual conference (IAPSCON) 2020. 11th October 2020. (Online)
10. A complex bilobed choledochal cyst excision: a technical challenge. 16th Annual Conference of Paediatric Endoscopic Surgeons of India, PESICON 2021, 19th-21st March 2021. (Online)
11. Thoracoscopic excision of ganglioneuroma in ROHHAD syndrome. 16th Annual Conference of Paediatric Endoscopic Surgeons of India, PESICON 2021, 19th-21st March 2021. (Online)
12. Thoracoscopic lobectomy for congenital lobar emphysema in a child 16th Annual Conference of Paediatric Endoscopic Surgeons of India, PESICON 2021, 19th-21st March 2021. (Online)
13. Encephalocraniocutaneous lipomatosis (ECCL): A rare neurophakomatoses, ISNR 2020, 31st July - 2nd August 2020. (Online)
14. Leptomeningeal melanosis masquerading as Pseudo-SAH, ISNR 2020, 31st July - 2nd August 2020. (Online)

Oral presentation:

1. Transarterial and percutaneous embolization - a saviour in aggressive vertebral hemangiomas. Pan Arab Interventional Radiology Society (PAIRS) Annual Congress online on 26th -27th February 2021. (Online)

2. Retained detachable tip microcatheter during onyx embolization of brain AVM. ISVIR mid-term CME 2020. October 2020. (Online)
3. Cascade of complications following carotid body tumor excision “Anything that can go wrong; will go wrong”. ISVIR mid-term CME 2020. October 2020. (Online)

Research Project:

Ongoing

Chief Investigator:

1. Retrospective analysis of anatomical variations of neck vessels on CT in cases of aberrant subclavian artery
2. Retrospective study of association between anomalous pancreaticobiliary junction (APBJ) and choledochal cysts on MRCP

Co-Investigator

1. Chest X-ray based scoring, Total Leucocyte Count, and Neutrophil to Lymphocyte Ratio for prediction of COVID19 in Severe Acute Respiratory Illness patients.
2. Retrospective evaluation of neuroimaging in patients with COVID 19.

Membership/Post in Journal or Society or Association

1. Life member; Indian Society of chest imaging and interventions (SCII)
2. Corresponding member; European Society of Radiology (ESR)
3. Corresponding member; Korean society of radiology (KSR).

National/ International Conferences attended:

1. Eighth International conference of Society for Pediatric Interventional Radiology (SPIR), 22nd - 30th October 2020.
2. 18th National annual conference of Indian society of pediatric radiology (ISPR), 11th October 2020. (Online)
3. Second Annual National virtual Conference of the Society of Chest Imaging and Interventions (SCII-CON - 2020), 26th -27th September 2020. (Online)

Name of Faculty: Dr. Sarbesh Tiwari

Designation: Assistant Professor

Papers presented

1. Sethumadhavan S, Garg P, Tiwari S, Khera PS, Sureka B, Yadav T. Uncommon complication during onyx embolisation of cerebral AVM. ISVIR(Indian Society of Vascular and Interventional Radiology) Virtual Midterm CME, 18th Oct 2020. (Online)
2. Ghosh T, Garg P, Tiwari S, Khera PS, Patel S, Sharma A, Sureka B, Yadav T. Cascade of complications following carotid body tumor excision “Anything that can go wrong; Will go wrong”. ISVIR Virtual Midterm CME, 18th Oct 2020. (Online)
3. Presented three educational exhibits (Taruna Yadav, Pushpinder Singh Khera, Pawan Kumar Garg, Sarbesh Tiwari, Binit Sureka). 22nd annual conference of Indian society of neuro radiology (ISNR) 2020, 16th - 18th October 2020. (Online)
4. Sethumadhavan S, Ghosh T, Garg P, Tiwari S, Khera PS. An uncommon complication of a common endovascular procedure. PAIRS 2021, 26th -27th February 2021. (Online)

5. Saicharan, Garg P, Tiwari S, Khera PS, Garg M. Endovascular and percutaneous embolization– A savior in aggressive vertebral hemangioma. PAIRS 2021, 26th -27th February 2021. (Online)
6. Ghosh T, Garg P, Khera PS, Tiwari S, Sureka B, Yadav T. Fluoroscopy guided Balloon Dilatation for esophageal stricture: Preliminary experience. ISPR, Oct 2020. (Online)

Invited Lectures:

1. Speaker at “KREST PG webinar” – Radiology Mock Exam for the Post graduate students. 24th July 2020.(Online)
2. Moderated “KREST PG Webinar 42”- Medulloblastoma and genetic subtypes. 26th October 2020.(Online)
3. Moderated “KREST PG Webinar 44”- Radiology Anatomy of paranasal sinus. 09th November 2020.(Online)
4. Faculty Speaker “Neuroimaging and endovascular management of intracranial AVM”.IRIA-ICRI Webinar, 27thSeptember 2020.(Online)

Research Project:

Ongoing

As Principal Investigator

1. Retrospective evaluation of neuroimaging findings in patients admitted for Covid-19

As Co-Investigator

1. Multiphase computed tomography angiography and computed tomography perfusion in evaluation of patients with acute ischemic stroke.
2. Clinico-radiological profile and therapeutic outcome of superficial vascular malformation
3. Non-contrast computed tomography markers for predicting hematoma expansion in spontaneous intracerebral hemorrhage.
4. Pre-operative differentiation of high-grade glioma from solitary metastases of brain by clinical, radiological and haematological parameters: an observational study.
5. Comparative study of tc-99m GHA-SPECT-CT, F-18-FDG PET-CT and MRI in imaging of primary brain tumors.
6. Retrospective study evaluating MRI &CT findings done for neurological manifestations in COVID-19 affected patients.

Completed:

As Co-Investigator

1. Role of magnetic resonance imaging and magnetic resonance venography in evaluation of cerebral venous thrombosis.
2. Comparative analysis of arterial spin Labeling and dynamic susceptibility Contrast perfusion imaging in brain neoplasms.

Name of Faculty : Dr. Rengarajan Rajagopal

Designation : Assistant Professor

(January to March 2021)

Scientific Awards/ Patents

1. Diploma in European Board of Interventional Radiology, January 2021

Membership/Post in Journal or Society or Association

1. Member; Cardiovascular and Interventional Radiological Society of Europe
2. Member; European Society of Radiology
3. Member; Indian Association of Cardiac Imaging
4. Member; Indian Society of Vascular and Interventional Radiology
5. Member; Society of Image Guided Therapies

Department of Endocrinology and Metabolism

S.No.	Name	Designation
1	Dr. M. K. Garg	Professor & Head
2	Dr. Madhukar Mittal	Additional professor
3	Dr. Ravindra Shukla	Associate Professor
4	Dr. Ayan Roy	Assistant Professor

About the Department:

The Department of Endocrinology and Metabolism started in May 2016 as a referral centre for Endocrine and Metabolic disorders in Western Rajasthan. The disorders treated include diabetes, thyroid disorders, obesity, osteoporosis and other disorders of bone and mineral metabolism, disorders of growth, pubertal development and sexual differentiation, pituitary-adrenal disorders and other metabolic and syndromic diseases.

The Department runs Endocrine and Diabetes Clinic with comprehensive management of various Endocrine disorders including Diabetes mellitus on Monday, Tuesday, Wednesday and Friday. On Thursday patients of Thyroid disorders are seen. The department runs specialty Pituitary clinic 2 to 5 pm on Wednesday.

There is indoor facility where dynamic tests like, HDDDST, water deprivation test, Saline infusion tests, glucagon stimulation test, Growth hormone stimulation tests are done. These tests required patients to be referred to AIIMS Delhi earlier. With acquiring of the state-of-art Hologic DEXA machine in January 2021, the Bone and Osteoporotic services of the department have been greatly strengthened.

Also with the joining of new faculty, Dr Ayan Roy as Assistant Professor, the department has expanded its clinical services. The Covid-19 pandemic has brought its challenges and the department has used online telemedicine and other innovative means to meet and successfully handle these situations & continue to provide effective clinical care to patients.

In future with aim of comprehensive diabetes care, diabetes foot care clinic with focus on high-risk diabetes foot and secondary preventive facilities will be started. There is plan to develop integrated nutrition for diabetes and obesity management.

There is long term aim to establish leadership both in clinical and cutting edge basic research in arenas of metabolism, pituitary and bone disorders. There is aim to establish dedicated Type 1 Diabetes clinic, Pediatric Endocrinology clinic covering pubertal and growth disorders, Obesity Clinic and Reproductive Endocrinology Clinic. The department aims to expand its base and scope with interdepartmental coordination and collaboration. Thyroid ultrasound with Fine Needle Aspiration, autonomic function testing in diabetes patients, diabetic foot care lab, advanced hormonal assay lab including dynamic endocrinology testing, Diabetes Technology (including CGMS, RTGS, nonprick glucometers) lab would help in developing a department providing adequate teaching facilities for DM students, patient care and research.

Compiled list of Publications of the department:

Papers

Pubmed Indexed:

- Garg MK, Mittal M. Structural and Functional Consequences of Hypercortisolism on Brain: Are the Brain and Psycho-neuro-cognitive Manifestations Reversible? Indian J Endocrinol Metab. 2020 Nov-Dec;24(6):507-508.

- Shukla R, Ganeshani M, Agarwal M, Jangir R, Kandel G, Sankanagoudar S, Srivastava S. Dehydroepiandrosteronesulphate (DHEAS) levels predict high risk of rheumatoid arthritis (RA) in subclinical hypothyroidism. PLoS One. 2021 Feb 16;16(2):e0246195.
- Kaushal D, Aneja J, Shukla R. Acute Psychosis Consequent to Total Thyroidectomy: An Etiological Conundrum. Cureus. 2020; 10:7759/cureus.9244.
- Shukla R, Khasbage S, Garg MK, Singh S. Duloxetine-induced hypertensive urgency in type 2 diabetes mellitus with diabetic neuropathy. Indian J Pharmacol 2020;52:213-5

Non-Pubmed Indexed:

- Shukla R, Mishra D. Internet usage may improve quality of life (QoL) in Type 1 diabetes mellitus patients. JDiabMetabolCompli .2020; 01: 06.
- Ahuja S, Kaur A, Singh V, Saxena S, Mittal M, Kumar M, Mahdi AA, Saxena S. Impact of Differential Pattern of apparent Diffusion Coefficient (ADC) of Orbital tissues in Thyroid associated Orbitopathy (TAO). WrlidJ AdvHlthcar Res. 2020 4(3):225-228.
- Mittal M, Gupta P, Chaudhary GR, Garg MK. Hypercalcemia in Pheochromocytoma: From MEN to VHL. J Endo Soc. 2021; 5 (1): A997-A998.

Name of Faculty : Dr. Madhukar Mittal

Designation : Additional Professor

Papers Presented:

- Mittal M, Gupta P, Chaudhary GR, Garg MK. Hypercalcemia in Pheochromocytoma: From MEN to VHL. Annual Conference of the Endocrine Society, US ENDO Online 2020, 8th -22nd June 2020. (Online).
- Ganakumar V, Mittal M, Singh S, Kaushal D, Garg MK. Hyperparathyroidism and hypercoagulability in the setting of Renal dysfunction: an enigma. Indian Society of Bone and Mineral Research (ISBMR), 30th October – 1st November 2020. (Online)
- Patra S, Mittal M, Shukla R, Singh AK, Gupta N, Garg MK. Spectrum of 21-hydroxylase deficiency congenital adrenal hyperplasia from tertiary care Centres in India. Annual Conference of Endocrine Society of India – Endocrinology Week Virtual Conclave, 16th – 22nd November 2020. (Online)
- Rastogi P, Patra S, Mittal M, Soni S, Varshney VK, Shukla R, Garg MK. Auto-immune Hypoglycemia: Double Trouble in Insulin Autoimmune Syndrome or Hirata Disease. Annual Conference of Endocrine Society of India – Endocrinology Week Virtual Conclave, 16th – 22nd November 2020. (Online)
- Ganakumar V, Mittal M, Pandey H, Garg MK. Management of Graves disease: Looking beyond thionamides in a catch-22 situation. Annual Conference of Endocrine Society of India – Endocrinology Week Virtual Conclave; 16th – 22nd November 2020. (Online)

Invited Lectures

- Gut microbiota in Pathophysiology of Diabetes. RAJ-RSSDICON; 27th-28th February 2021. (Online)
- The Adrenal Angle: Hormonal insights of Hypertension. International Georgians Alumni Seminars. 6th March 2021. (Online)

Symposium Speaker

- Diabetic Dyslipidemia: "What is New?". Lipid Association of India – Lipid Academy Interface, 13th July 2020. (Online)

2. Indian Innovation in Endocrinology: Pituitary Medicine. Voice of Endocrinology, 13th September 2020. (Online)

Resource Faculty:

1. Panel Discussion - Diabetes in 2021: New Insights. Rajasthan Endocrine Affiliate Dialogues. 19th December 2020. (Online)

Research Project:

Ongoing:

As Co-Principal Investigator

1. Development and clinical validation of markers for a point of care diagnostic kit for diabetic nephropathy. Funded by BIRAC (DBT), CSIR-IITR Lucknow

Scientific Awards/Patents

1. Fellow of the American College of Endocrinology. American Association of Clinical Endocrinology, 7th May 2020.

Examinership

1. DM Exit Exam. Srinagar, Sher-I-Kashmir Institute of Medical Sciences (SKIMS), 15th-16th September 2020. (Online via Skype)
2. DM Exit Exam. Jaipur, SMS Medical College, October 2020.

Membership/Post in Journal or Society or Association :

1. Vice President; Endocrine Society of India Rajasthan Affiliate 2020

National/ International Conferences attended:

1. Annual Conference of the Endocrine Society (US ENDO Online 2020); 8th-22nd June 2020. (Online)
2. Annual Conference of Endocrine Society of India – Endocrinology Week Virtual Conclave; 16th - 22nd November 2020. (Online)

Name of Faculty : Dr. Ravindra Shukla

Designation : Associate Professor

Research Project

1. Beta cells in gut producing insulin using e. coli (BIGPIE). A consortium of 21 researchers across 15 universities (in seven different countries) around the world to make conceptual note of a project to make insulin secreting gut probiotics. The principal Investigator is based out of IISER Bhopal BIGPIE project. DBT sponsored till now, bagged Gold Medal in iGEM Competition, Boston 2020
2. Indo-Sweden Healthcare Innovation Centre / 2020 Challenge : As one of the of AIIMS Jodhpur Teams in collaboration with HxRx Automation Ltd. to make AI based Diabetes Self-Management Education (DSME) Modules. Final Round held on 9th Nov 2020
3. Tribal Health Initiative: Collaboration between Ministry of Tribal Affairs and AIIMS Jodhpur at Abu Road CHC
4. Effect of tele-yoga on health care professionals.
5. Autonomic Function in Young Diabetics.

6. Validation of self-care agency of children with type 1 DM.

Papers Presented:

1. Shukla R, Varshney V, Soni SC. Inter-disciplinary endocrinology: Intraoperative use of real time continuous glucose monitoring (rt-CGM) to predict complete insulinoma removal. Indian J EndocrMetab. 2020;24: 452-505. First Prize in Free Paper (Oral) presentation

Sessions Chaired:

1. Dr Kamlesh Khunti (CVOT appraisal) and Dr Vivian Fonseca (Role of Pioglitazone) at MMS Ahuja Hall. 48th Annual Meeting of Research Society for the Study of Diabetes in India (RSSDI), 26th - 29th Nov 2020. (Online)
2. Thyroid Dysmetabolism - 2nd Annual Knowledge Forum 2020 Digital Conference, 26th - 27th September 2020. (Online)

Name of Faculty : Dr. Ayan Roy
Designation : Assistant Professor

Papers Presented:

1. Comparison of islet cell function, incretin axis and insulin resistance among impaired glucose control, impaired fasting glucose, and normal healthy controls. ESI-AV Gandhi Award function, 20th March 2021. (Online)

Invited Lectures

1. Interpretation of growth charts. Endocrine society of Bengal as a part of expert electronic enrichment programme (4E) in Endocrinology. 27th March 2021. (Online)

Scientific Awards/Patents

1. ESI-AV Gandhi award in Diabetes and Metabolic disease category-2021. Award given to the best DM thesis for each disease category. Endocrine society of India. 20th March 2021. (Online)

Department of Forensic Medicine and Toxicology

S.No.	Name	Designation
1	Dr. Puneet Setia	Additional Professor & Head
2	Dr. Tanuj Kanchan	Additional Professor
3	Dr. Raghvendra Singh Shekhawat	Associate Professor
4	Dr. Vikas Meshram	Associate Professor

About the Department:

At AIIMS, Jodhpur, the department of Forensic Medicine and Toxicology is actively engaged in teaching and training students pursuing MBBS and B.Sc. nursing degrees. Undergraduate and postgraduate students visit the Regional Forensic Science Laboratory (RFSL) in Jodhpur on a regular basis to get a better knowledge of the integrated approach to criminal investigation. Nine postgraduates and two PhD students are currently enrolled in the department. The department is unique in that interns are expected to complete ten days of obligatory posting. The mortuary facility is fully operational, and autopsy reports are produced using in-house software. 125 medicolegal autopsies were performed last year. Additionally, the department provides crime scene inspections when requested by law enforcement authorities. The department runs a 24-hour Clinical Forensic Medicine facility inside the Emergency and Trauma premises. 464 medico-legal cases were handled by the department last year. Clinical services also offer extensive support for sexual assault survivors. The department has developed a reputation as a reference centre for providing professional advice on matters referred by the police, state commissions, and honorable courts. Faculty members serve on Medical Boards charged with the responsibility of evaluating disability.

The department was actively involved in the dignified management of the dead bodies during the COVID-19 outbreak in cooperation with the district and state-level authorities. Last year the 737 covid positive/suspect dead bodies were released following the guidelines. The department has also been a part of the training of the health care workers in context to the infection control practices.

The department has made great strides in the area of research. Currently, the department is engaged in eight intramural and two extramural projects. The faculty members of the department published their work in PubMed-indexed journals (45 in no) as well as non-PubMed-indexed journals (10 in no.) articles last year.

Compiled list of Publications of the department:

Papers

Pubmed Indexed:

- Roy D, Tomo S, Purohit P and Setia P (2021) Microbiome in Death and Beyond: Current Vistas and Future Trends. *Front. Ecol. Evol.* 9:630397. doi: 10.3389/fevo.2021.630397
- Roy D, Modi A, Khokhar M, Goyal M, Sharma S, Purohit P, et al. Growth Differentiation Factor-15 as a candidate biomarker in gynecologic malignancies: A meta-analysis. medRxiv. 2021:2020.07.07.20148221.
- Saranghi S, Khera S, Vishwajeet V, Meshram V, Setia P, Malik A. A rare presentation of Sinonasal Undifferentiated Carcinoma with brain metastasis and para-aortic mass. *Autops Case Rep.* 2020;10(4):e2020222.
- Khokhar M, Roy D, Purohit P, Goyal M, Setia P. Viricidal treatments for prevention of coronavirus infection. *Pathogens and Global Health.* 2020;114(7):349-59.

5. Facciorusso A, Del Prete V, Buccino VR, Purohit P, Setia P, Muscatiello N. Diagnostic yield of Franseen and Fork-Tip biopsy needles for endoscopic ultrasound-guided tissue acquisition: a meta-analysis. *Endoscopy international open*. 2019 Oct;7(10):E1221-30.
6. Ateriya N, Saraf A, Kanchan T, Meshram VP, Singh Shekhawat R, Setia P. Filicide-suicide: An unusual variant of dyadic death. *Med Leg J*. 2019 Mar;87(1):44-46.
7. Shrestha R, Krishan K, Kanchan T. Workplace safety concerns in medico-legal death investigations related to COVID-19. *J Infect Dev Ctries*. 2021;15(2):247-253.
8. Parekh U, Kanchan T, Krishan K. Inexplicable COVID-19! Would pathological autopsy be the panacea? *ActaBiomedica* 2021; 92(1):e2021175.
9. Krishan K, Kanchan T. COVID-19 and the need for stringent rules on data sharing. *ActaBiomedica* 2021; 92(1):e2021174.
10. Shedge R, Kanchan T, Kushwaha KPS, Krishan K. Ultrasonographic evaluation of the wrist and elbow joints: A pilot study to explore a non-invasive technique for age estimation. *Med Sci Law*. 2021;61(1):14-22.
11. Shrestha R, Krishan K, Kanchan T. Dignity and rights of the dead and their families: A compromise in the time of coronavirus disease 2019. *Med Sci Law*. 2021;61(1):58-60.
12. Shekhawat RS, Meshram VP, Kanchan T, Misra S. Privacy and patient confidentiality in times of Covid-19. *Med Leg J*. 2020;88(4):229-230.
13. Mukhra R, Krishan K, Kanchan T. Possible modes of transmission of Novel coronavirus SARS-CoV-2: a review. *ActaBiomedica* 2020; 91(3): e2020036.
14. Krishan K, Kanchan T. Aerosol and surface persistence: Novel SARS-CoV-2 versus other coronaviruses. *J Infect Dev Ctries* 2020;14 (7): 748-749.
15. Kanchan T, Saraf A, Krishan K, Misra S. The advantage of virtopsy during the COVID-19 pandemic. *Medico-Legal J* 2020; 88(1S):55-56.
16. Kanchan T, Shrestha R, Krishan K. Post-Mortem Ultrasonography: A safer alternative to autopsies in COVID-19 deaths, *J Ultrasound* 2020; 31:1-2
17. Mukhra R, Krishan K, Kanchan T. COVID-19 sets off mass migration in India. *Archives Med Res* 2020;51(7);736-738,
18. Krishan K, Kanchan T. Lockdown is an effective 'vaccine' against COVID-19: A message from India. *J Infect Dev Ctries*. 2020;14 (6):545-546.
19. Krishan K, Kanchan T. Novel coronavirus (SARS-CoV-2) resistance in African populations: A cause worth exploring, *ActaBiomedica* 2020; 91(3): e2020023.
20. Mukhra R, Krishan K, Kanchan T. Agony of the laborers and daily wagers during the COVID-19 induced lockdown in India, *ActaBiomedica* 2020;91(4):e2020141,
21. Jain V, Kanchan T, Krishan K. Exploring the emergence of vertical transmission of SARS-CoV-2: A Rapid Review, *ActaBiomedica* 2020;91(4):e2020129.
22. Elhence A, Sureka B, Garg MK, Bhardwaj P, Kanchan T, Sinha A, Bhatia PK, Nag VL, Kothari N, Dutt N, Bhaskar S, Tak V, Bishnoi NR, Misra S. Preparing for a COVID-19 pandemic: Redefining roles of multidisciplinary team in a large tertiary hospital in Rajasthan. *J Family Med Prim Care*. 2020;9(11):5439-5444.
23. Charan J, Bhardwaj P, Dutta S, Kaur R, Bist SK, Detha MD, Kanchan T, Yadav D, Mitra P, Sharma P. Use of Complementary and Alternative Medicine (CAM) and Home Remedies by COVID-19 Patients: A Telephonic Survey. *Indian J ClinBiochem*. 2020;36(1):1-4.
24. Dutta S, Kaur RJ, Bhardwaj P, Charan J, Bist SKS, Detha MD, Kanchan T, Sharma P, Misra S. Household Transmission of COVID-19: A Cross-Sectional Study. *Infect Drug Resist*. 2020 Dec 23;13:4637-4642.

25. Shedge R, Kanchan T, Garg PK, Dixit SG, Warriar V, Khera P, Krishan K. Computed tomographic analysis of medial clavicular epiphyseal fusion for age estimation in Indian population, *Legal Med* 2020;46: 101735
26. Shrestha R, Krishan K, Kanchan T. Medico-legal encounters of 2015 Nepal Earthquake - Path traversed and the road ahead. *Forensic SciInt* 2020;313, 110339.
27. Mukhra R, Krishan K, Nirenberg MS, Ansert E, Kanchan T. Comparative analysis of static and dynamic bare footprint dimensions in a north Indian population. *Forensic SciInt* 2020;308, 110169
28. Nirenberg MS, Ansert E, Krishan K, Kanchan T. Two-Dimensional Metric Comparisons between Dynamic Bare Footprints and Insole Foot Impressions- Forensic Implications. *Science & Justice*. 2020;60(2):145-150.
29. Rani D, Krishan K, Sahani R, Baryah N, Kanchan T. Evaluation of morphological characteristics of the human ear in young adults, *The Journal of Craniofacial Surgery* 2020;31(6):1692-1698.
30. Chatterjee PM, Krishan K, Singh RK, Kanchan T. Sex estimation from femur in a Central Indian population by discriminant function analysis, *Med Sci Law* 2020;60(2):112-121.
31. Kaur P, Krishan K, Sharma SK, Kanchan T. Facial Recognition Algorithms - A literature review, *Med Sci Law* 2020;60(2):131-139.
32. Charan J, Kaur R, Bhardwaj P, Kanchan T, Mitra P, Yadav D, Sharma P, Misra S. Snapshot of COVID-19 Related Clinical Trials in India. *Indian J ClinBiochem*. 2020;35(4):1-5.
33. Kanchan T, Saraf A, Krishan K, Misra S. The advantages of virtopsy during the Covid-19 pandemic. *Med Leg J*. 2020;88(1_suppl):55-56.
34. Jadav D, Gorchiya A, Shekhawat RS, Kanchan T. Traumatic inguinal hernia: An uncommonly reported entity. *Med Sci Law*. 2020;60(4):319-322.
35. Akbar N J M, Shekhawat RS, Gorchiya A, Meshram VP, Bharti JN. Forensic implications of pituitary macroadenoma: An autopsy case report. *J Forensic Leg Med*. 2020;73:101991.
36. Shekhawat RS, Meshram VP, Kanchan T, Misra S. Privacy and patient confidentiality in times of Covid-19. *Med Leg J*. 2020 ;88(4):229-230.
37. Kanchan T, Shekhawat RS, Shetty BSK, Jayaram L, Meshram VP. Fatal captive tiger attack - A case report with review of literature. *J Forensic Leg Med*. 2021;78:102100.
38. Shekhawat R, Meshram V. Acrodynia. 2020 Jul 5. In: *StatPearls* [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 Jan-. PMID: 32644540.
39. Meshram V, Kanchan T, Shekhawat R. Management of the dead during COVID-19 outbreak: Practices and perceptions of forensic practitioners from India. *Med Sci Law*. (Accepted for publication)
40. Jadav D, Gorchiya A, Shekhawat RS, Kanchan T. Traumatic inguinal hernia: An uncommonly reported entity. *Medicine, Science and the Law*. 2020;60(4):319-22
41. Akbar N J M, Shekhawat RS, Gorchiya A, Meshram VP, Bharti JN. Forensic implications of pituitary macroadenoma: An autopsy case report. *J Forensic Leg Med*. 2020;73:101991.
42. Shekhawat RS, Meshram VP, Kanchan T, Misra S. Privacy and patient confidentiality in times of Covid-19. *Med Leg J*. 2020;88(4):229-230.
43. Sarangi S, Khera S, Vishwajeet V, Meshram V, Setia P, Malik A. A rare presentation of Sinonasal Undifferentiated Carcinoma with brain metastasis and para-aortic mass. *Autops Case Rep*. 2020;10(4):e2020222.
44. Kanchan T, Shekhawat RS, Shetty BSK, Jayaram L, Meshram VP. Fatal captive tiger attack - A case report with review of literature. *J Forensic Leg Med*. 2021;78:102100.
45. Khartade HK, Meshram VP, Tumram NK, Parchake MB, Pathak HM. Fatal Aspiration of Barium Sulfate in a Case of Myasthenia Gravis: A Case Report and Review of Literature. *J Forensic Sci*. 2020;65(4):1350-1353.

Non pubmed Indexed:

1. Ateriya N, Saraf A, Meshram V P, Setia P, Kanchan T, Shekhawat R S. Medico-legal Audit: An essential yet ignored aspect of healthcare in India. J Indian Acad Forensic Med. 2019;41(1):53-56.
2. Ateriya N, Saraf A, Shedge R, Kanchan T, Setia P, Shekhawat R S. Techniques in Forensic Cytology: The road ahead. J Indian Acad Forensic Med. 2019;41(1):63-70.
3. Shedge R, Kanchan T, Cunningham C, Krishan K. Differential development of the ribs – Exploring the unexplored. J Indian Acad Forensic Med 2021;43(1):97-98.
4. Meshram VP, Shekhawat RS, Kanchan T. Forensic wound age estimation: Exploring newer approaches. J Indian Acad Forensic Med 2021;43(1):1-2.
5. Kanchan T, Shekhawat RS, Meshram VP, Misra S. Surge of ethical conundrums during the ongoing COVID-19 pandemic. J Indian Acad Forensic Med 2020;42(4):240-242.
6. Kanchan T, Meshram VP, Shekhawat RS, Misra S. Healthcare workers and COVID-19 pandemic: A fight amidst fear of burnout. J Indian Acad Forensic Med 2020;42(3):153-154.
7. Kanchan T, Meshram VP, Shekhawat RS, Misra S. Disinfection and biomedical waste management: Mortuary practices during COVID-19. J Indian Acad Forensic Med 2020;42(2):77-79.
8. Baryah N, Krishan K, Kanchan T. Bibliometrics and Scientometrics: Evaluating the research. J Indian Acad Forensic Med 2020;42(2):150-152.
9. Verma R, Krishan K, Rani D, Kumar A, Sharma V, Shrestha R, Kanchan T. Estimation of Sex in Forensic Examinations using Logistic Regression and Likelihood Ratios, Forensic SciInt: Reports 2020;2:100118.
10. Kanchan T, Ateriya N, MeshramV. Disinfection and biomedical waste management: Mortuary practices during COVID-19. J Indian Acad Forensic Med. 2021; 42(2):77-79
11. Kanchan T, Meshram V, Shekhawat R, MisraS. Healthcare workers and COVID-19 pandemic: A fight amidst fear of burnout. J Indian Acad Forensic Med. 2021;42(3):153-154
12. Kanchan T, Shekhawat R, Meshram V, MisraS. Surge of ethical conundrums during the ongoing COVID-19 pandemic. J Indian Acad Forensic Med. 2021;42(4):240-42
13. Kanchan T, Ateriya N, Meshram V. Disinfection and biomedical waste management: Mortuary practices during COVID-19. J Indian Acad Forensic Med. 2019;42(2):77-79.
14. Kanchan T, Meshram V, Shekhawat RS, Misra S. Healthcare workers and COVID-19 pandemic: A fight amidst fear of burnout. J Indian Acad Forensic Med. 2019;42(3):153-54.
15. Kanchan T, Shekhawat RS, Meshram V, Misra S. Surge of ethical conundrums during the ongoing COVID-19 pandemic. J Indian Acad Forensic Med. 2019;42(4):240-42.

Name of Faculty : Dr. Puneet Setia

Designation : Additional Professor& Head

Books/Chapters

1. Medicolegal aspects in Pediatrics. In:IAP Textbook of Pediatric & Neonatal Emergencies,Santosh T Soans and Nitin Chawla,1 stEdition,New Delhi and London, Jaypee Brothers Medical Publishers 2020;1-4.

Research Project:**Ongoing:****As Principal Investigator**

1. An observation study analysing the post mortem interval in human cadavers using autophagy protein. Funded by Indian Council of Medical Research, April 2019 (Appx. ₹ 17 lacs)

2. Predictive value of progression of various stages of depression to suicide by epigenetic modification of FKBP 5 gene. Funded by Indian Council of Medical Research, February 2020 (Appx. ₹ 23 lacs)

Name of Faculty : Dr. Tanuj Kanchan

Designation : Additional Professor

Books/Chapters

1. Shedge R, Krishan K, Warriar V, Kanchan T. Postmortem Changes. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2020.
2. Shrestha R, Krishan K, Kanchan T. Abrasion. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2020.
3. Shrestha R, Kanchan T, Krishan K. Simulation Training and Skill Assessment in Disaster Medicine. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2020.
4. Rani D, Shrestha R, Kanchan T, Krishan K. Short Stature. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2020.
5. Shrestha R, Kanchan T, Krishan K. Gunshot Wounds Forensic Pathology. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2020.

Papers Presented:

1. Kanchan T. Demirjian's dental age estimation using third molars - A systematic review. 73rd Annual Scientific Meeting of the American Academy of Forensic Sciences, 15th-19th February 2021. (Online)
2. Kanchan T. Skeletal age estimation from pubic symphysis: A systematic review of the Suchey-Brooks method. 73rd Annual Scientific Meeting of the American Academy of Forensic Sciences, 15th - 19th February 2021. (Online)

Sessions Chaired:

1. 42nd Annual Conference of the Indian Academy of Forensic Medicine; 22nd – 24th January 2021, SCB Medical College, Cuttack.

Invited Lectures

1. Selection of Journal, AICTE Sponsored Faculty Development Programme, Phase I; 12th January 2021, MCOPS, MAHE, Manipal.
2. Selection of Journal, AICTE Sponsored Faculty Development Programme, Phase II; 2nd February 2021, MCOPS, MAHE, Manipal.
3. Process of body donation, 1st hybrid CME on medico-legal issues in dead body donation, 13th February 2021, AIIMS, Bathinda.

Sessions Chaired

1. Scientific session. 42nd Annual Conference of the Indian Academy of Forensic Medicine, SCB Medical College, Cuttack, 23rd January 2021.

Research Project:

Ongoing:

As Principal Investigator

1. Age estimation using developmental stages of teeth – A radiological investigation in North Western population.
2. Sex Estimation from Dental Pulp Cytology: A Time-based study

Completed:

As Principal Investigator

1. Characterization of organ specific microRNA expression in human tissues: A pilot study. Intramural project
2. Dental age estimation using third molar maturation: A Systematic Review
3. Skeletal age estimation from pubic symphysis: A systematic review of the Suchey-Brooks method

Examinership

1. Second MBBS University Practical examinations. Dr. SN Medical College, Jodhpur, Rajasthan, 28th November 2020.

Membership/Post in Journal or Society or Association :

1. Member; Asian Council of Science Editors (ACSE)

National/ International Conferences attended:

1. 73rd Annual Scientific Meeting of the American Academy of Forensic Sciences, 15th -19th February 2021. (Online)
2. 42nd Annual Conference of the Indian Academy of Forensic Medicine, SCB Medical College, Cuttak, 22nd – 24th January 2021.

Name of Faculty : Dr. Raghvendra Singh Shekhawat

Designation : Associate Professor

Books/Chapter

1. Shekhawat R, Meshram V. Acrodynia. 2020 Jul 5. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 Jan. PMID: 32644540.

Research Project:

Completed

As Principal Investigator

1. Immunohistochemical and histological characterization of mast cells in deaths associated with fatal asphyxia. Intramural project

As Co-Investigator

1. Exploring the role of immunohistochemistry in estimation of wound age. Intramural project
2. Knowledge, Attitude and Practices about dead body management during COVID-19 outbreak among Forensic Medicine experts in India. Non-funded

Membership/Post in Journal or Society or Association:

1. Member editorial team; Journal of Indian Academy of Forensic Medicine.

National/ International Conferences attended:

1. 42nd Annual National Conference of Indian Academy of Forensic Medicine. Forensic Medicon 2021. SCB Medical College Cuttack, 22nd-24th Jan 2021.

Name of Faculty : Dr. Vikas Meshram
Designation : Associate Professor

Books/Chapter

1. Shekhawat R, Meshram V. Acrodynia. 2020 Jul 5. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 Jan-. PMID: 32644540.

Research Project:

Completed

As Principal Investigator

1. Exploring the role of immunohistochemistry in estimation of wound age. Intramural project
2. Knowledge, Attitude and Practices about dead body management during COVID-19 outbreak among Forensic Medicine experts in India. Non-funded

As Co-Investigator

1. Immunohistochemical and histological characterization of mast cells in deaths associated with fatal asphyxia. Intramural project

Membership/Post in Journal or Society or Association:

1. Member editorial team; Journal of Indian Academy of Forensic Medicine.

National/ International Conferences attended:

1. 42nd Annual National Conference of Indian Academy of Forensic Medicine "Forensic Medicon 2021. SCB Medical College, Cuttack, 22nd-24th Jan 2021.
2. 1st Hybrid CME on Medicolegal Issues in Dead Body Donation. All India Institute of Medical Sciences, Bathinda. 13thFeb 2021.

Department of General Medicine

S.No.	Name	Designation
1	Dr. M. K. Garg	Professor & Head
2	Dr. Gopal Krishna Bohra	Associate Professor
3	Dr. Bharat Kumar	Assistant Professor
4	Dr. Maya Gopalakrishnan	Assistant Professor
5	Dr. Naresh Kr. Midha	Assistant Professor
6	Dr. Deepak Kumar	Assistant Professor
7	Dr. Satyendra Khichar	Assistant Professor
8	Dr. Durga Shankar Meena	Assistant Professor
9	Dr. Amit Kumar Rohila	Assistant Professor (Trauma & Emergency)

About The Department

Internal medicine is the foundation of all the medical super specialties. The Department of General Medicine of AIIMS Jodhpur is an important link for all specialties in the hospital. It is managed by a capable group of Faculties, Senior Residents, and Post-Graduate trainees.

Department of General Medicine is one of the most engaged department of AIIMS Jodhpur. It provides services to a wide coverage area involving whole of Western Rajasthan and even beyond.

The Department provides outdoor as well indoor services, critical care services and emergency medicine services to provide better patient care. Department has given tremendous efforts in COVID19 pandemic management. We are providing an excellent patient care for COVID patients from one and half year. Department has been involved in COVID19 pandemic preparedness and SOP training program for health care workers.

Department is running specialty clinics of Rheumatology, Infectious diseases, & Hematology to provide a better approach, treatment, and care to the chronic and complicated cases.

Apart from striving to provide best patient care, Department of General Medicine is also actively involved in regular academic activities for teaching of undergraduates and post-graduate students. We are daily providing postgraduate teaching in the form of journal clubs, case presentations, seminars, and faculty classes in collaboration with other departments. Our department is also effectively participating in the integrated teaching of undergraduates held every Saturday. It is one of the most dynamic department in the Institute for teaching, patient care and research.

Department has published various research papers in renowned and indexed journals and reported various unusual and interesting cases in last one year. The department believes that the success is due to the quality of the clinical care we provide to patients. The aim of our team is to establish a best department in the patient care, teaching and clinical research.

Published Papers

Pubmed Indexed

1. Sanchetee P, Sanchetee P, Garg MK. Effect of jain fasting on anthropometric, clinical, and biochemical parameters. *Indian J Endocr Metab* 2020; 24:187-90.
2. Meena DS, Bohra GK, Garg MK, Purohit A, Kumar D, Tripathi S, Hypercalcemic encephalopathy as an initial Presentation of multiple myeloma. *Case Reports in Emergency Medicine*. Volume 2020, Article ID 4746865, <https://doi.org/10.1155/2020/4746865>

3. Meena M, Yadav S, Goapakrishnan M, Bohra GS, Garg MK. Cryptogenic occupational tetanus: A Case report FROM Rajasthan. *Indian J Occup Environ Med.* 2020; 24:36-8.
4. Tripathi S, Bhati R, Gopalakrishnan M, Bohra GK, Tiwari S, Panda S, et al. Clinical profile and outcome of patients with Crimean Congo Hemorrhagic Fever: A hospital based observational study from Rajasthan, India. *Trans R Soc Trop Med Hyg.* 2020 Sep 1;114(9):643-649.
5. Meena D, Kumar D, Bohra G K, et al. A 52-Year-Old Female with Multiple Swellings in Both Hands: Idiopathic Calcinosis Cutis. *Cureus* 12(3): e7471. doi:10.7759/cureus.7471
6. Meena DS, Kumar D, Bohra GK, Garg MK, Midha N, Yadav T, Yadav P. Concurrent Methicillin-resistant *Staphylococcus aureus* septicemia and thyroid abscess in a young male with Dengue. *Infect Disord Drug Targets.* 2020 Mar 12. doi: 10.2174/1871526520666200312160701.
7. Meena DS, Kumar D, Bohra GK, Garg MK, Yadav P, Sharma A et al. Pulmonary Nocardiosis with Aspergillosis in a patient with COPD: A rare co-infection. *ID Cases*, e00766, 2020
8. Yadav P, Kumar D, Bohra GK, Garg MK. Triple A syndrome (Allgrove syndrome) – A journey from clinical symptoms to a syndrome. *J Family Med Prim Care* 2020; 9:2531-4.
9. Sureka B, Sinha A, Tak V, Garg MK, Bhatia PK, Bhardwaj P, et al. Customized personal protective equipment (PPE): Solution to conservation and management of supplies during the coronavirus disease 2019 (COVID-19) pandemic. *J Family Med Prim Care* 2020; 9:2180-2.
10. Deora S, Bhardwaj P, Garg MK. COVID-19 pandemic: Clinical management protocols for cardiac disease patients at teaching institute in Western Rajasthan. *J Family Med Prim Care* 2020; 9:2186-7.
11. Khichar S, Midha N, Bohra GK, Kumar D, Gopalakrishnan M, Kumar B et al. Health care resource management and pandemic preparedness for COVID-19: A single centre experience from Jodhpur, India. *Int J Health Policy Manag* 2020, 9(11), 1–3.
12. Prakrati S, Garg MK, Gopalakrishnan M, Garg P. Tubelight Adrenals in Diabetic Ketoacidosis. *Clin Pract Cases Emerg Med.* 2020;4(3):482-484.
13. Saurabh S, Kumar R, Gupta MK, Bhardwaj P, Nag VL, Garg MK, Misra S. Prolonged persistence of SARS-CoV-2 in the upper respiratory tract of asymptomatic infected individuals. *QJM: An International Journal of Medicine* 2020; 113:556-560.
14. Khichar S, Gopalakrishnan M, Bohra GK, Garg MK, Misra S. 'Greet with NAMASTE, Bye-Bye Handshake': A Behavioural Change Campaign for Infection Prevention in the Emergency Department from Jodhpur, India *Emerg Med J* 2020;37:571.
15. Abhilasha, Mitra P, Suri S, Goyal T, Misra R, Singh K, Garg MK, Misra S, Sharma P. Association of Comorbidities with Coronavirus Disease 2019: A Review. *Ann Natl Acad Med Sci (India)* 2020; 00:1–9.
16. Shukla R, Khasbage S, Garg MK, Singh S. Duloxetine Induced Hypertensive emergency in Type 2 Diabetes mellitus with diabetic neuropathic patient. *Indian Journal of Pharmacology* 2020;52 (3), 213.
17. Ghosh A, Ray S, Garg MK, Chowdhary S, Mukhopadhyay. The role of infrared dermal thermometry in the management of neuropathic diabetic foot ulcers. *Diabetes Medicine*.2020. <https://doi.org/10.1111/dme.14368>.
18. Kumar B, Yadav P, Nadeem M, Garg MK. An atypical presentation of multiple myeloma in a young patient with pathological fracture. *J Family Med Prim Care.* 2020 Jun 30;9(6):3154-3156.
19. Sureka B, Garg MK, Misra S. N95 respirator and surgical mask in the pandemic of COVID-19. *Ann Thorac Med* 2020; 15:247-8.
20. Saurabh S, Kumar R, Kumar N, Bhardwaj P, Nag VL, Garg MK, Misra S. Dynamics of SARS-CoV-2 transmission among Indian nationals evacuated from Iran. *Disaster Medicine and Public Health Preparedness.* 1-20

21. Asfahan S, Gopalakrishnan M, Dutt N, Niwas R, Chawla G, Agarwal M, Garg MK. Using a simple open-source automated machine learning algorithm to forecast COVID-19 spread: A modelling study. *Advances in respiratory medicine* October 2020 DOI: 10.5603/ARM.a2020.0156.
22. Agarwal A, Mukherjee A, Kumar G, Chatterjee P, Bhatnagar T, Malhotra P; PLACID Trial Collaborators. Convalescent plasma in the management of moderate covid-19 in adults in India: open label phase II multicentre randomised controlled trial (PLACID Trial). *BMJ*. 2020 Oct 22;371. doi: 10.1136/bmj.m3939.
23. Kumar D, Meena DS, Garg MK, Misra S. Super-spreader resurgence in COVID-19: Past encounters and future repercussion. *J Family Med Prim Care* 2020; 9:5404-5.
24. Garg MK, Gopalakrishnan M, Yadav P, Misra S. Endocrine involvement in COVID-19: mechanisms, clinical features, and implications for care. *Indian J Endocrinol Metab*. 2020; 24:381-6.
25. Niwas R, Shahul AS, Garg MK, Nag VK, Bhatia PK, Dutt N et al. Clinical outcome, viral response, and safety profile of chloroquine in COVID-19 patients — initial experience. *Adv Respir Med*. 2020; 88: 1–5.
26. Elhence A, Sureka B, Garg MK, Bhardwaj P, Kanchan T, Sinha A et al. preparing for a COVID-19 pandemic: Redefining roles of multidisciplinary team in a large tertiary hospital in Rajasthan. *J Family Med Prim Care* 2020; 9:5439-44.
27. Sureka B, Garg MK, Misra S. Cleaning and Disinfection of CT Equipment During the Coronavirus Disease (COVID-19) Pandemic. *AJR Am J Roentgenol*. 2021 Jan;216(1): W9.
28. Garg MK, Mittal M. Structural and functional consequences of hypercortisolism on brain: Are the brain and psycho-neuro-cognitive manifestations reversible? *Indian J Endocr Metab* 2020; 24:507-8.
29. Midha N, Ahari K Gopalakrishnan M, Garg MK, Bohra GK. Risk factors and treatment outcome in the patients of amoebic liver abscess: A prospective study from Rajasthan, India. *International Journal of Infectious Diseases*. 2020;101: 419-420.
30. Saurabh S, Verma MK, Gautam V, Kumar N, Jain V, Goel AD, Gupta MK, Sharma PP, Bhardwaj P, Singh K, Nag VL, Garg MK, Misra Tobacco, alcohol use and other risk factors for developing symptomatic COVID-19 vs asymptomatic SARS-CoV-2 infection: a case-control study from western Rajasthan, India. *S. Trans R Soc Trop Med Hyg*. 2021 Jan 14: traal72.
31. Gopalakrishnan M, Garg MK. The power of subjectivity in competency-based assessment. *J Postgrad Med*. 2021 Jan-Mar;67(1):57-58.
32. WHO Solidarity Trial Consortium, Pan H, Peto R, Henao-Restrepo AM, Preziosi MP, Sathiyamoorthy V, Abdool Karim Q, Repurposed Antiviral Drugs for Covid-19 - Interim WHO Solidarity Trial Results. *N Engl J Med*. 2021 Feb 11;384(6):497-511.
33. Banavathu T, Tripathi S, Sukhadiya P, Ahari K, Shankar Meena D, Kumar Garg M. Thyrotoxic Periodic Paralysis with Thyroid Storm as the First presentation of Graves' disease; a Case Report. *Arch Acad Emerg Med*. 2021; 9(1): e19.
34. Suri S, Mitra P, Abhilasha A, Saxena I, Garg MK, Bohra GK, Sharma P. Role of interleukin-2 and interleukin-18 in newly diagnosed type 2 diabetes mellitus. *J Basic Clin Physiol Pharmacol*. 2021 Mar 15. doi: 10.1515/jbcpp-2020-0272.
35. Bohra GK, Kumar D, Garg MK. COVID-19 and Infectious Disease Speciality - A necessity of Time in India. *Infect Disord Drug Targets*. 2021 Mar 2. doi: 10.2174/1871526521666210302155650.
36. Goel AD, Bhardwaj P, Gupta M, Kumar N, Jain V, Misra S, Saurabh S, Garg MK, Nag VL Swift contact tracing can prevent transmission-Case report of an early COVID-19 positive case. *J Infect Public Health*. 2021 Feb;14(2):260-262.
37. Samantaray S, Nag VL, Rawat P, Misra S, Aggarwal A, Khan S, et al. Demographic Profile of COVID-19 Cases: An Early Analysis of the Local Outbreak in a "Hotspot District" of Western Rajasthan in India. *Asia Pac J Public Health*. 2021 Jan;33(1):138-140.

38. Garg PK, Khera P, Saxena S, Surekha S, Garg MK, Nag VL et al. Chest-X-ray-Based Scoring, Total Leukocyte Count, and Neutrophil-to-Lymphocyte Ratio for Prediction of COVID-19 in Patients with Severe Acute Respiratory Illness. *Turk Toraks Dergisi* 2021;22(2):130-136.
39. Ambwani S, Misra A, Midha N, Kumar B, Singh V. A prospective, cross-sectional study on Prescribing Pattern of Drugs and the incidence of potentially inappropriate medications in Geriatrics Population at a Tertiary Care Teaching Hospital in Western India. *Asia Pac J Med Toxicol* 2020; 9(4):136-141.
40. Vijayvergia P, Vijayan N, Midha NK et al. Methicillin-sensitive Staphylococcus aureus pyogenic iliopsoas abscesses: a case series from Jodhpur, India. *Infect Disorder Drug Targets* 2020. doi:10.2174/1871526520999201103192948.
41. Gopalakrishnan M, Yadav P, Mathur R, Midha N, Garg MK. Venom-Induced Consumption Coagulopathy Unresponsive to Antivenom After *Echis carinatus* sochureki Envenoming. March 2021 *Wilderness and Environmental Medicine* 32(1). doi: 10.1016/j.wem.2021.01.004.
42. Bhati R, Sirohi P, Sejo B, Kumar B, Bohra G.K. et all; Prevalence of Asymptomatic Cryptococcal Antigenemia and Association with Follow-up Risk of Cryptococcal Meningitis and Mortality among HIV Infected Patients in Northwest India: A Prospective Cohort Study August 2020; *Current HIV Research* 18(1); doi: 10.2174/1570162X18666200827113816.
43. Meena DS, Kumar D, Bohra GK, Midha N. Gefitinib induced severe hyponatremia: A case report. *J Oncol Pharm Pract.* 2020 Apr, 27(3):711-715.
44. Kumar D, Bishnoi S, Meena DS, Bohra GK, Midha N et all. Evaluation of Clinical Profile, Diagnostic Tests, And Prognosis of Cryptococcal Meningitis in HIV Infected Patients in Western India. *Infect Disord Drug Targets.* 2020 May.
45. Kumar B, Das MP, Misra AK. A cross-sectional study of association of serostatus and extra-articular manifestations in patients with rheumatoid arthritis in a teaching hospital. *J Family Med Prim Care* 2020; 9:2789-93.
46. Sahay RR, Dhandore S, Yadav PD, et al. Detection of African genotype in Hyalomma tick pools during Crimean Congo haemorrhagic fever outbreak, Rajasthan, India, 2019. *Virus Res.* 2020; 286:198046.
47. Bhattacharya S, Krishnamurthy A, Gopalakrishnan M, et al. Endocrine and Metabolic Manifestations of Snakebite Envenoming. *Am J Trop Med Hyg.* 2020;103(4):1388-1396.
48. Panda S, Sharma S, Bajpai N, Gopalakrishnan M, Kombade SP, Nag VL. A Rare Fatal Cause of Acute Areflexic Quadriplegia in the Tropics. *Neurol India.* 2020;68(5):1196-1200. doi:10.4103/0028-3886.299153.
49. Purohit AH, Sarangi S, Kumar D, Bohra GK, Saha S, Pandey H. Is priapism a common presentation of chronic myeloid leukemia in an adolescent patient. *Cardiovasc Hematol Disord Drug Targets.* 2021;31.
50. Purohit AHL, Bharti S, Kumar D, Bohra GK, Khichar S. Pseudothrombocytosis in a Case of Beta-thalassaemia Intermedia Masquerading as Myeloproliferative Neoplasm. *Curr Med Imaging.* 2021;10.
51. Gupta A, Yadav P, Kumar D. COVID-19 and Neurology - An Emerging Association. *Infect Disord Drug Targets.* 2021; 18.
52. Choudhary R, Bohra GK, Kumar D. Hydroxychloroquine with or without Azithromycin in Covid-19. *N Engl J Med.* 2020; 2.
53. Sakthivadivel V, Naveenraj P, Kachhwaha A, Kumar D, Anne PB, Elhence P, et al. Concurrent acute myositis, and Guillain-Barre syndrome in Cytomegalovirus infection – a rare case report. *BMC Infect Dis.*2020; 768.
54. Sarangi S, Arjun, Kumar D, Purohit A. Histoplasma capsulatum in the Peripheral Blood Smear: A Rare Occurrence. *Indian J Hematol Blood Transfus.* 2020.

Workshops/ Conferences Organized

1) Inauguration of Jodhpur Chapter of CIDS (Clinical Infectious Diseases Society of India) on 17th March 2021.

The department successfully started Jodhpur Chapter of CIDS (Clinical Infectious Diseases Society of India) under the guidance of Dr. O. C. Abraham, Professor and HOD, Department of Internal Medicine & Infectious diseases, President of CIDS with Dr. Senthur Nambi P. Secretary of CIDS and Dr. Arvind Mathur, former Principal Dr. S. N. Medical College Jodhpur. This Scientific session was chaired by Dr. Sanjeev Misra, Honourable director of AIIMS Jodhpur, Dr. Arvind Mathur, ex-principal Dr. S. N. Medical College Jodhpur, Dr. Kuldeep Singh, Dean (academics) and Dr. M.K.Garg, HOD of the Medicine department.



Director's address during inauguration ceremony of Jodhpur Chapter of CIDS



Faculty and delegates during the inaugural ceremony



Faculty and delegates during the inaugural ceremony

Name of Faculty: Dr. Mahendra Kumar Garg
Designation: Professor and Head

Books/Chapters

1. Chawla R, Madhu SV, Makkar BM, Ghosh S, Saboo B, Kalra S and RSSDI Consensus group. RSSDI-ESI clinical practice recommendations for the management of type 2 diabetes mellitus 2020. Indian J Endocr Metab 2020; 24:1-122. Jan 2020.
2. Khichar S, Midha S, Garg MK. et al. Human resource management, preparedness, and outcomes. In: The Coronavirus Pandemic and the Future, Royal Society of Chemistry. 19 Feb 2021.
3. Maya Gopalakrishnan, Bharat Kumar, Prakrati Yadav, M K Garg. COVID-19 endocrinopathies: implications for care. In: The Coronavirus Pandemic and the Future. The Coronavirus Pandemic and the Future, Royal Society of Chemistry. 19 Feb 2021.

Symposium Speaker

1. COVID-19 and Hyperglycemia: UPDA Ki Pathshala. October 2020. (Online)
2. Speaker in Webinar training of SAARC countries for Managing the human resources, Handling the COVID Pandemic – under Indian Technical and Economic Cooperation Program, Ministry of External Affairs, Government of India. 22 June 2020. (Online)

Examinership

1. MD (General Medicine) Examination. PGI Chandigarh, March 2021
2. MD (General Medicine) Examination. Dr.S.N. Medical College Jodhpur, Sep 2020

National/ International Conferences attended

1. North-eastern Diabetes Society Conference. Virtual organised by Tripura Chapter, 19th -20th December 2020. (Online)
2. Uttar Pradesh Diabetes Association Conference. October 2020. (Online)
3. Conference on Tribal Medicine. 19th March 2021. (Online)

Name of Faculty: Dr. Gopal Krishana Bohra
Designation: Associate Professor

Books/Chapters

1. Vaswani S, Bohra G.K., Kumar D, Purohit A; COVID-19 and coagulopathy; The Coronavirus Pandemic and the Future; Royal Society of Chemistry. 19th Feb 2021.
2. Kumar D, Mangalia R. Bohra G.K. et al; COVID-19 pharmacotherapy: present and future; The Coronavirus Pandemic and the Future; Royal Society of Chemistry. 19th Feb 2021.

Symposium Speaker

1. Managing the human resources, Handling the COVID Pandemic. Webinar training of SAARC countries. Under Indian Technical and Economic Cooperation Program, Ministry of External Affairs, Government of India, 22nd June 2020. (Online)
2. Managing the human resources, Handling the COVID Pandemic. Webinar training of State Medical Colleges of Rajasthan, 22nd -27th May 2020. (Online)

Papers Presented:

1. Concurrent tuberculosis and Cryptococcal infections in immunocompetent patients: two case report. MYCOCON 2020. 26th – 28th March 2021. (Online)
2. Lipid Profile in Chronic Hepatitis B Infection” – A Cross-sectional Study from a Tertiary care Centre in Western India. CIDSCON 2020, 23rd November 2020. (Online)
3. Evaluation of Procoagulant & Anticoagulant activity in COVID-19. HAEMATOCON 2020, 22nd November 2020. (Online)
4. An Unusual Case of Chronic Myeloid Leukemia in An Adolescent Patient Presented with Priapism. HAEMATOCON 2020, 21st November 2020. (Online)
5. Evaluation of Bone Marrow Findings of COVID-19 By Minimally Invasive Autopsies: A Single Tertiary Care Centre Experience from India. HAEMATOCON 2020. 20th November 2020. (Online)

Research Project:**Ongoing****As Principal Investigator**

1. Clinico-microbiological profile and risk factor assessment in patients with multidrug resistant gram-negative bacterial blood stream infection.
2. Clinico-microbiological profile and risk factor assessment in patients with multidrug resistant gram-positive bacterial blood stream infection.
3. A Composite study of Coagulation Milieu in COVID-19 from India – A cross sectional observational study.
4. Clinical profile of patients with chronic liver disease and precipitating factors in hepatic encephalopathy

As Co-Investigator

1. Long Term follow-up of patients recovered from COVID-19 – A prospective Cohort study.
2. Effect of Chronic Hepatitis B infection on Lipid Profile
3. Clinical features, Radiological findings, and treatment outcome in patients with pulmonary nocardiosis
4. Long term follow-up of patients recovered from COVID-19- A prospective cohort study.
5. Clinical features and mortality in first 500 COVID-19 Suspect SARI cases from Western Rajasthan, India.
6. Diagnostic utility of testing saliva samples for detection of SARS-CoV-2: Testing saliva samples for detecting SARS-CoV-2.

Examinership

1. External examiner for MD Examination. Dr. S. N. Medical College Jodhpur, September 2020
2. External examiner for MBBS course. AIIMS Rishikesh. February 2021

National/ International Conferences attended:

1. MYCOCON 2021 Conference and 4th Master Class. 26th – 28th March 2021. (Online)
2. CIDS Webinar on “All about COVID Vaccines”. 22nd January 2021. (Online)
3. CIDSCON 2020 Conference. 21st – 29th November 2020. (Online)
4. ESCMID Conference on Corona virus 2020, 23rd – 25th September 2020. (Online)
5. CIDS Webinar Series on COVID 19 management. 11th – 16th April 2020. (Online)

Name of Faculty: Dr. Bharat Kumar

Designation: Assistant Professor

Books/Chapters

1. Maya Gopalakrishnan, Bharat Kumar, Prakrati Yadav, M K Garg. COVID-19 endocrinopathies: implications for care. In: The Coronavirus Pandemic and the Future ; Royal Society of Chemistry. 19thFeb 2021.

Research Projects:

Ongoing

As Principal Investigator

1. A study of assessment of Thyroid, Adrenal and Prolactin function in COVID-19 patients in a tertiary care hospital
2. Study of attitude and behaviour of health care workers towards the patients in emergency department during COVID -19 pandemic
3. A study of Metabolic Syndrome and its association with Inflammatory Markers & Insulin Resistance in school going children in Western Rajasthan.

As Co-investigator

1. Assessment of Adrenal function in patients with acute febrile illness in a tertiary care centre
2. Clinical profile, risk factors and treatment outcome in the patients of amoebic liver abscess: a study from Rajasthan, India.
3. To study the prevalence of hyponatremia in acute cerebro-vascular disease and its effect on functional outcome
4. A randomized, double blind, placebo controlled, multi-centric, trial to determine the therapeutic efficacy of AYUSH medicine NOQ19 in treatment of symptomatic COVID-19 patients along with standard allopathic treatment.

Membership/Post in Journal or Society or Association

1. Member; American College of Physicians (ACP Number: 03990258)

National/ International Conferences attended:

1. 48th Annual Conference of Research Society for Study of Diabetes in India - RSSDI 2020, 26th – 29thNovember 2020 (Online)
2. 72nd edition of the Annual Conference of Cardiology Society of India, CSI 2020, 10th – 13thDecember 2020. (Online)
3. 3rd Cardiac Summit 2020. 28th – 29thNovember 2020. (Online)
4. Hypertension Expert Conclave (HyECon 2020). 31stOctober – 1stNovember 2020.
5. Cardiology Updates 2020.AIIMS Jodhpur. Sep 2020

Name of Faculty : Dr. Maya Gopalakrishnan

Designation : Assistant Professor

Symposium Speaker:

1. Managing the human resources, Handling the COVID Pandemic. Webinar training of SAARC countries. Under Indian Technical and Economic Cooperation Program, Ministry of External Affairs, Government of India. 22nd June 2020.(Online)
2. 2.Managing the human resources, Handling the COVID Pandemic. Webinar training of State Medical Colleges of Rajasthan, 22nd-27thMay 2020.(Online)

Resource Faculty:

1. Invitee (as technical expert) to national level meeting lead by MSF, India to discuss strategies for prevention and management of snakebites in India, September 2020.

Research Project:

Ongoing:

As Principal Investigator

1. Clinical effectiveness and patient related outcomes of "Treat to target" strategy in patients of Rheumatoid arthritis patients at AIIMS Jodhpur: A prospective interventional study. Intramural project
2. Digitalizing Rheumatology: Telemedicine for rheumatology care of rheumatology patients
3. Effectiveness of Awake Self Prone strategy in COVID-19: An open-labelled randomized controlled trial
4. Effect of COVID-19 and containment strategy in snakebite envenoming: A multicentre study Extramural Project
5. Clinical profile and outcomes of poisoning patients in AIIMS Jodhpur

As Co-Investigator

1. Pilot study on seropositivity for scrub typhus among cases of acute febrile illness at a tertiary care centre in Western India. (Under ethical review)

Completed projects:

As Co-Investigator:

1. GBS consortium and the study "Impact of COVID19 on the frequency, spectrum and outcomes of Guillain-Barre Syndrome in India: A Multicentre Ambispective Cohort Study. Led by AIIMS Delhi.

Scientific Awards/Patents

1. Awarded prestigious MERCS Grant (Medical education in resource constrained Settings) grant for 2020. For proposal titled "Exploring empathy, advocacy, and neglect in the context of neglected tropical diseases: A mixed methods study from India.Association of Medical Education in Europe (AMEE), 14thApril 2020.

Examinership

1. Internal Examiner for Medicine Final MBBS examination. AIIMS Jodhpur. February 2021 (Additional batch)

Membership/Post in Journal or Society or Association :

1. Inaugural steering committee member; Snakebite Research Network, India, February 2021

National/ International Conferences attended:

1. Conflict, Conservation, Coexistence National conference organized by Centre for Wilderness Medicine and Emergency Medicine, Kasturba Medical College, Mangalore, March 2021
2. (b). National Snakebite Conference. Amrita Institute of Medical Sciences, Kochi. December 2020) and Clinical toxicology Conference, Bangladesh society of tropical and Infectious disease, December 2020
3. AMEE medical education conference 2020, August 2020.

Others:

1. Delivered training on preparedness for COVID-19 to health care administrators from SAARC member states under Government of India Initiative in COVID-19 and Indian Technical and Economic Cooperation (ITEC) on assigned topics of management and discharge guidelines. June 2020
2. Conducted two training sessions on “Assessment in Medical education” and “How to set MCQs, frame short and long answers”. Faculty development program for All India Institute of Medical Sciences, Rajkot. January 2021

Name of Faculty: Dr. Naresh Kumar Midha

Designation: Assistant Professor

Books/Chapters

1. Khichar S, Midha S, Garg MK. et al Human resource management, preparedness, and outcomes. In: The Coronavirus Pandemic and the Future; Royal Society of Chemistry. 19th Feb 2021

Symposium Speaker

1. Presented DASH diet in Hypertensive patients. Awareness about Non-Communicable Diseases. School of Public Health, AIIMS Jodhpur, 10th Oct 2020.

Resource Faculty

1. Resource faculty for National Tuberculosis elimination program, AIIMS Jodhpur. 16th – 23rd March 2021.

Research Project

Ongoing:

As Principal Investigator

1. Clinical profile, risk factors and treatment outcome in the patients of liver abscess: a study from Rajasthan, India.

As Co-Investigator

1. To analyse the significance of Ret-Hb as a tool for diagnosis and treatment response in the patients with Iron deficiency anaemia.
2. Clinical effectiveness and patient related outcomes of “Treat to target” strategy in patients of Rheumatoid arthritis patients at AIIMS Jodhpur: A prospective interventional study (Intramural proposal)
3. Prospective observational study of ambulatory blood pressure monitoring in resident doctors and its correlation with serum melatonin, cortisol and HsCRP levels.

4. Effect of Tele-yoga on burnout, mental health and immune markers of Healthcare Workers involved in COVID-19 pandemic: a pilot randomized controlled trial.
5. Multidisciplinary approach of diabetic foot in special clinic.
6. ICMR national stroke registry program.
7. A randomized, double blind, placebo controlled, multi-centric, trial to determine the therapeutic efficacy of AYUSH medicine NOQ19 in treatment of symptomatic COVID-19 patients along with standard allopathic treatment.

Completed Projects

1. Effectiveness of AYUSH 64 ayurvedic drug in the patients of COVID-19 with milder severity.
2. Clinical profile, risk factors and treatment outcome in the patients of liver abscess: a study from Rajasthan, India.

Membership/Post in Journal or Society or Association :

1. Member; Royal Society of Tropical Medicine and Hygiene.

National/ International Conferences attended

1. MYCOCON 2020. 26th – 28th March 2021. (Online)
2. Challenges in young hypertension. Virtual CME, 14th March 2021. (Online)
3. INDIA HEART SYMPOSIA 2020, Web based CME, 17th October 2020. (Online)
4. Cardiology Updates 2020, 19th -20th Sep 2020. (Online)
5. Virtual BPCON 2020. 19th – 21st June 2020. (Online)

Name of Faculty : Dr. Deepak Kumar

Designation : Assistant Professor

Books/Chapters

1. Gupta A, Kumar D, Neurocysticercosis - Clinician Recap. In: Medicine Update of API 2021. 19th Nov 2020.
2. Vaswani S, Bohra GK, Kumar D, Purohit A. COVID-19 and coagulopathy. In: The Coronavirus Pandemic and the Future; Royal Society of Chemistry. 19th Feb 2021
3. Kumar D, Mangalia R. et al. COVID-19 pharmacotherapy: Present and future. In: The Coronavirus Pandemic and the Future; Royal Society of Chemistry. 19th Feb 2021

Papers Presented:

1. Concurrent tuberculosis and Cryptococcal infections in immunocompetent patients: two case report. MYCOCON 2020, 26th – 28th March 2021.
2. Lipid Profile in Chronic Hepatitis B Infection” – A Cross-sectional Study from a Tertiary care Centre in Western India. CIDSCON 2020, 23rd November 2020. (Online)
3. Evaluation of Procoagulant & Anticoagulant activity in COVID-19. HAEMATOCON 2020, 22nd November 2020. (Online)
4. An Unusual Case of Chronic Myeloid Leukemia in An Adolescent Patient Presented with Priapism. HAEMATOCON 2020, 21st November 2020. (Online)

5. Evaluation of Bone Marrow Findings of COVID-19 By Minimally Invasive Autopsies: A Single Tertiary Care Centre Experience from India. HAEMATOCOCN 2020, 20th November 2020. (Online)

Research Project:

Ongoing:

As Principal Investigator

1. Long Term follow-up of patients recovered from COVID-19 – A prospective Cohort study.
2. Effect of Chronic Hepatitis B infection on Lipid Profile
3. Clinical features, Radiological findings, and treatment outcome in patients with pulmonary nocardiosis

As Co-Investigator

1. The study of prevalence of idiopathic CD4 T-cell lymphocytopenia in HIV negative patients with disseminated infections.
2. Evaluation of role of novel biomarkers serum fibroblast growth factor 21 (FGF-21) level and neutrophil parameters {neutrophil-granularity-intensity (NEUT-GI) and neutrophil-reactivity-intensity (NEUT-RI)} in diagnosis and prognosis in sepsis.
3. Clinico-microbiological profile and risk factor assessment in patients with multidrug resistant gram-negative bacterial blood stream infection.
4. Clinico-microbiological profile and risk factor assessment in patients with multidrug resistant gram-positive bacterial blood stream infection.
5. Long term follow-up of patients recovered from COVID-19- A prospective cohort study.
6. National Clinical Registry of COVID-19. Extra-Mural project
7. Predictors of Clinical Outcomes in Adult COVID-19 Patients Admitted to a Tertiary Care Hospital in Western India.
8. A Composite study of Coagulation Milieu in COVID-19 from India – A cross sectional observational study.
9. Evaluation of pathological findings of COVID-19 by minimally invasive autopsies: A single tertiary care center experience from India.
10. Clinical features and mortality in first 500 COVID-19 Suspect SARI cases from Western Rajasthan, India.
11. Diagnostic utility of testing saliva samples for detection of SARS-CoV-2: Testing saliva samples for detecting SARS-CoV-2.
12. Viral RNA Shedding and Transmission Potential of Asymptomatic and Pauci-symptomatic COVID-19 Patients.

Examinership

1. External examiner for MBBS. S.P. Medical College, Jodhpur, 5th – 8th March 2021.

Membership/Post in Journal or Society or Association :

1. Member; Infectious disease society of America
2. Member; Clinical Infectious Disease Society of India
3. Member; European Society of Microbiology and Infectious Disease

National/ International Conferences attended:

1. MYCOCON 2021 Conference and 4th Master Class, 26th – 28th March 2021. (Online)
2. CIDS Webinar on “All about COVID Vaccines”, 22nd January 2021. (Online)

3. CIDSCON 2020 Conference, 21st – 29th November 2020. (Online)
4. ESCMID Conference on Corona virus 2020, 23rd – 25th September 2020. (Online)
5. CIDS Webinar Series on COVID 19 management, 11th – 16th April 2020. (Online)

Name of Faculty: Dr. Satyendra Khichar

Designation: Assistant Professor

Books/Chapters

1. Khichar S, Midha S, Garg MK. et al. Human resource management, preparedness, and outcomes, In: The Coronavirus Pandemic and the Future; Royal Society of Chemistry. 19th Feb 2021.

Resource Faculty

1. Resource faculty for National Tuberculosis elimination program, AIIMS Jodhpur. 16th-23rd March 2021.
2. Resource faculty for webinar on Diet for obesity. School of Public health, AIIMS Jodhpur. 17th October 2020

Research Project:

Ongoing:

As Principal Investigator

1. Prevalence of Vitamin D deficiency in school going children in Western Rajasthan- A cross sectional observational study. Intramural funding

As Co-Investigator

1. Clinical profile and outcome of patients with acute poisoning in AIIMS Jodhpur
2. Effectiveness of Awake Self Prone strategy in COVID-19: An open-labelled randomized controlled trial
3. Outcome of COVID-19 patients on anti- hypertensive drugs

Examinership

1. External examiner for university exam of General medicine. Dr S. N. Medical college, Jodhpur, 7th – 9th March 2021.

National/ International Conferences attended:

1. 4th International Diabetes Experts conclave. IDEC 2020, 3rd – 5th Sep 2020.
2. RSSDI Update 2020, 26th – 29th November 2020.

Name of Faculty: - Dr. Durga Shankar Meena

Designation: Assistant Professor

Papers Presented:

1. Lipid Profile in Chronic Hepatitis B Infection” – A Cross-sectional Study from a Tertiary care Centre in Western India. CIDSCON 2020. 23rd November 2020 (Online)

Research Project:

Ongoing:

As Co-Investigator

1. Effect of Chronic Hepatitis B infection on Lipid Profile
2. Clinical features, Radiological findings, and treatment outcome in patients with pulmonary nocardiosis
3. Comparison of clinical profile and outcome of RT-PCR positive and negative Covid-19 patients
4. Incidence and risk factor Assessment in Multi Drug Resistance Gram Negative Blood Stream infection and Antibiotic Prescription Practices in AIIMS Jodhpur-A retrospective Study
5. Outpatient Treatment with Anti-coronavirus Immunoglobulin (OTAC): A Randomised control Trial.

Membership/Post in Journal or Society or Association :

1. Member; Infectious disease society of America
2. Member; Clinical Infectious Disease Society of India

National/ International Conferences attended:

1. MYCOCON 2021 Conference and 4th Master Class, 26th - 28th March 2021 (Online)
2. CIDS Webinar on All about COVID Vaccines, 22nd January 2021. (Online)
3. CIDSCON 2020 Conference, 21st- 29th November 2020. (Online)
4. CIDS WEBINAR ON COVID-19, 22nd May 2021. (Online)
5. RSSDI. 26th-29th November 2020. (Online)

Name of Faculty: Dr. Amit Kumar Rohila

Designation: Assistant Professor (Trauma & Emergency)

Department of General Surgery

S.No.	Name	Designation
1	Dr. Ashok Puranik	Professor & Head
2	Dr. Naveen Sharma	Professor
3	Dr. Ramkaran Chaudhary	Additional Professor
4	Dr. Mahendra Lodha	Associate Professor
5	Dr. Satya Prakash Meena	Assistant Professor
6	Dr. Mayank Badkur	Assistant Professor
7	Dr. Niladri Banerjee	Assistant Professor
8	Dr. Aditya Baksi	Assistant Professor
9	Dr. Mahaveer Singh Rodha	Additional Professor (Trauma & Emergency)

About the Department:

The Department of General Surgery is running to its fullest capacity with 80% bed occupancy. The clinical workload has also observed an increase of 25%. We are witnessing an upsurge and influx of large number of patient attendance in our elective and emergency admissions.

Faculty members of the Department have expertise in advanced laparoscopy and trauma care. Elective operation theatres are operational to their full capacity. Our emergency operation theatre has witnessed large number of life and limb saving surgeries and is usually running busy.

This year presented with unique challenge in the form of Covid-19 pandemic. Whole world witnessed major change in all aspect of life and medical profession is no exception to it. Our department has tried its best to acclimatize to these new scenarios and has performed best to the capacity to deliver maximum benefit to the patient and to the students.

Through telemedicine facility, our department has treated various new patients and followed up many patients to assess their condition so that needy patients can be prioritized, and proper treatment arrangement can be made through ongoing emergency services. Though elective operations were withheld for some time, patients were prioritized and accommodated for treatment depending on the severity and urgency of the disease. Malignant diseases (Breast, Thyroid, Gastrointestinal, soft tissue etc.) and life-saving surgeries were done to our full capacity. Pandemic-specific challenges were faced from front with confidence, some of our faculty and residents also got infected with Covid-19 but with consistent institutional support we tried to provide best surgical care to our patients.

This pandemic has also affected teaching pattern. Our institute has formulated a very student centric online teaching platform. Our faculty has tried to provide more interactive and practical knowledge along with lectures for Undergraduate surgery teaching, one of our core focus areas. Daily clinical teaching in OPD and in wards (Bed side clinical teaching) is being conducted regularly with covid appropriate behavior. Students and interns are also being exposed to many basic surgical skills.

Total 24 students are pursuing post-graduation in General Surgery at present. This year, the Department also conducted online post graduate teaching sessions like Seminars, symposium, Journal club and case presentations regularly and these sessions also involved senior residents working in our department. Post graduate examinations were also conducted on online platform and two batches of postgraduate students passed the examination with flying colors. Intradepartmental Quality Improvement Meetings and surgical audit were held to critically analyze the patient management to bring out strategies and quality care. This

year, our department started number of research projects covering great spectrum of patients and disease elements.

Our department is a board-certified exam center for DNB General Surgery examination and an approved site for ATLS provider course. This year, we also conducted DNB General Surgery examination on 25th March 2021 and two ATLS Course in March 2021.

Compiled list of Publications of the department

PubMed Indexed:

1. Lodha M, Badkur M, Garg P, Puranik A, Chaudhary R, Rodha MS, et al. Does laparoscopic hernia repair affect the vascularity of testis? *J Family Med Prim Care* 2020;9:2465-8.
2. Meena SP, Raj R, Puranik A, Kompally PV. Primary echinococcal cyst in Trapezius muscle: An unusual intermuscular hydatidosis and review of literature. *J Family Med Prim Care* 2020;9:5055-7.
3. Meena S P, Jhirwal M, Puranik A K, Sharma N, Rodha M S, Lodha M, Badkur M. Awareness and experience of health-care workers during coronavirus disease 2019 pandemic. *J Edu Health Promot* 2021, 10:110.
4. COVIDSurg Collaborative, GlobalSurg Collaborative, SARS-CoV-2 vaccination modelling for safe surgery to save lives: data from an international prospective cohort study, *British Journal of Surgery*, 2021;, znanb101, <https://doi.org/10.1093/bjs/znanb101>
5. Soni KD, Khajanchi M, Raykar N, Sarang B, O'Reilly GM, Dharap S, Cameron P, Sharma N, Howard T, Farrow N, Roy N. Does in-hospital trauma mortality in urban Indian academic centres differ between "office-hours" and "after-hours"? *J Crit Care*. 2021 Apr; 62:31-37.
6. Bhandarkar P, Patil P, Soni KD, O'Reilly GM, Dharap S, Mathew J, Sharma N, Sarang B, Gadgil A, Roy N; Australia-India Trauma System Collaboration. An Analysis of 30-Day in-Hospital Trauma Mortality in Four Urban University Hospitals Using the Australia India Trauma Registry. *World J Surg*. 2021 Feb;45(2):380-389.
7. Mitra B, Kumar V, O'Reilly G, Cameron P, Gupta A, Pandit AP, Soni KD, Kaushik G, Mathew J, Howard T, Fahey M, Stephenson M, Dharap S, Patel P, Thakor A, Sharma N, Walker T, Misra MC, Gruen RL, Fitzgerald MC; Australia-India Trauma System Collaboration. Prehospital notification of injured patients presenting to a trauma center in India: a prospective cohort study. *BMJ Open*. 2020 Jun 21;10(6):e033236.
8. Gupta, D, Gupta, A, Nalwa, A, Yadav, T, Chaudhary, R, Rao, M. Cytopathologic findings in histiocytic sarcoma of thyroid mimicking as anaplastic carcinoma: A report of a rare case with review of literature. *Diagnostic Cytopathology*. 2021; 49: E218– E221.
9. Purohit P, Roy D, Modi A, Choudhary R, Shukla R, Sharma P . Circulating and visceral adipose tissue miR-330-3p is associated with insulin resistance in Type II Diabetes Mellitus. *Metabolism*. 2021; 116: 154552.
10. Baksi A, Chatterjee S, Ray U, Nilima N, Firoz Khan W, Banerjee N. A randomized trial analyzing the effects of primary versus delayed primary closure of incision on wound healing in patients with hollow viscus perforation. *Turk J Surg*. 2020 Dec;36(4):327-332
11. Baksi A, Kaur S. Comment: Personal protective equipment uses in laparoscopy during COVID-19. *J Minim Access Surg*. 2021; 17(1):137-138.

Non-PubMed Indexed:

1. Lodha M, Badkur M, Puranik A, Chaudhary R, Rodha MS, Satya P, Kompally P. Knowledge of body mass index and its correlates among the patient at a tertiary care hospital. *Int J Res Med Sci*. 2020;8: 3924-7.

2. Badkur M, Baskaran S, Prakash S, Kishore L, Lodha M, Rodha M, et al. Traumatic retained hemothorax: is it time for video assisted thoracoscopic surgery. *Int Surg J* 2020;7(11):3880-84.
3. Kumar R, Puranik A, Meena S, Rodha M, Chaudhary R, Badkur M et al. Ultrasonic Dissection without Cystic Artery Clipping Versus Classical Electro-Dissection in Laparoscopic Cholecystectomy: A Randomized Control Trial. *Int J Surg Med.* 2021; 7(1): 10-15.
4. Meena S, Rodha M, Badkur M, Lodha M. Unusual location of subcutaneous dermoid cyst in breast: A case report", *IJMSIR.* 2020; 5(2):205-8.
5. Meena SP, Patel S, Rodha M S, Lodha M. Non-Traumatic Femoral Artery Pseudo-Aneurysm: A Rare Presentation. *IJMSTR* 2020; 4(4):05-07.
6. Jhirwal M, Meena SP. Uterocutaneous Fistula: A Rare Complication of B- Lynch Suture. *IJMSTR* 2020; 4:08-09.
7. Meena SP, Rodha MS, Badkur M, Lodha M. Unusual location of subcutaneous dermoid cyst in breast. *IJMSIR* 2020;5(2):205-8.
8. Sarangi S, Khera S, Elhence PA, Meena SP, Yadav T, Madhubala. Pilomatrical carcinoma of the scalp in a setting of pilomatricoma and Trichilemmal cyst- a Rare Entity. *Indian J Surg* 2020. doi: 10.1007/s12262-020-02166-2
9. Garg PK, Tiwari S, Babu S, Rodha MS, Meena SP, Khera PS. Preoperative percutaneous Glue of Giant Chest wall Arteriovenous Malformation. *Indian J Surg* 2020; 82 (6): 1161-1164
10. Rodha M, Meena SP, Kompally PV, Badkur M, Lodha M. Primary Malignant Melanoma of the Breast in the Axillary Tail of Spence: a Rare Case Report. *Indian J Surg* 2020. <https://doi.org/10.1007/s12262-020-02436-z>
11. Meena SP, Chaudhary R, Lal C, Kumar RR. Laparoscopic Removal of a Large Gastric Trichobezoar: A Novel Technique. *Indian J Surg* 2020; 1-3.
12. Rodha M S, Meena S P, Soni S C, Garg P K, Cardoz A V. Unpredictable Outcome of Large Traumatic Oesophageal Injury: An Experience and Challenges. *J Clin Diag Res.* 2021 Mar, Vol-15(3): PD09-PD10.
13. Sharma R, BT, Elhance P. Rodha MS, Surekha B. Eosinophilic solid and cystic renal cell carcinoma:from unclassified to classified, A case report. *Turk Patoloji Derg.* 2021 Apr 13. doi: 10.5146/tjpath.2021.01531. Epub ahead of print.
14. Rustogi N, Sinha A, Rodha MS, Dutt N. Assessing continuum of trauma care for road accident victim in Jodhpur, Rajasthan. *European Journal of Public Health* 2020; 30 (5): ckaa166.555.
15. Sinha A, Saxena R, Pathak M, Rodha MS. Conjoined Thoracopagus twins our experience of successful separation. Abstract. *Journal of Indian Association of Pediatric Surgeons* 2020; 25(7): 1-99.

Workshops/ Conferences Organized

1. ATLS Instructor course. ATLS India, AIIMS Jodhpur, 27th – 28th February 2021.
2. ATLS Provider course. ATLS India, AIIMS Jodhpur, 18th – 20th March 2021.

Eminent Visitors:

1. Dr Jagdish Menon, Head of the Department of Orthopedics, JIPMER, Puducherry, Tamil Nadu
2. Dr Dharman Jai Kumar Sharma, Senior Professor, RNT medical college, Udaipur
3. Dr Bharti Saraswat, Professor, Dr S N Medical College, Jodhpur
4. Dr Siddharth Verma, Professor, RNT Medical college, Udaipur

Name of Faculty : Dr. Ashok Puranik
Designation : Professor & Head

Books/Chapters

1. Badkur M, Puranik A, Ranjan R. Recent Advancements in Surgical Practice. In: "Advanced Research in Medical Science & Technology (Volume - 1)", Varsha Gupta (Editor), 1st edition, Delhi, Integrated Publications, 2020.

Symposium Speaker

1. Inadequate Uptake of Bariatric/ Metabolic Surgery in 2020: What are the causes and how to address them?. IFSCO-EC Congress 2020, 11th December 2020. (Online).

Research Project:

Ongoing:

As Co-Investigator

1. To study pneumomediastinum in chest trauma patients, Trauma center -AIIMS Jodhpur
2. Early Surgical treatment of chest trauma in AIIMS Jodhpur
3. Knowledge and attitude about Surgical safety checklist among surgical care practitioners of AIIMS, Jodhpur
4. Laparoscopic Port -site infections: characteristics and management'
5. Feasibility and outcome of conservative management of acute appendicitis in adults during COVID-2019 Pandemic.
6. Clinico-epidemiological study of admitted Patients in the Department of Surgery during COVID-2019 Pandemic
7. Fibrin glue application in pilonidal sinus: A Prospective observational study.
8. Awareness and experience of health care workers during COVID-19
9. Patient safety and outcome in laparoscopic appendectomy by residents: A retrospective study
10. Feasibility of same day discharge in laparoscopic cholecystectomy and inguinal hernioplasty A prospective observation study
11. Primary closure with negative suction drain versus delayed primary closure techniques in emergency laparotomy: A randomized controlled trail.

Examinership

1. MBBS Examination. AIIMS, Jodhpur. November 2020.
2. Master Surgery Examination. Armed Force Medical College, Pune. 2020
3. DNB Examination. AIIMS, Jodhpur. 25th March 2020.
4. M.Ch. Minimal Access Surgery & General Surgery. AIIMS, Delhi, May 2020.
5. Post of faculty (Professor), Department of General Surgery in AIIMS, Deoghar, 2021.
6. Post of faculty. Rajasthan Public Service commission, 17th -19th March 2021.

National/ International Conferences attended:

1. IFSCO-EC Congress 2020. 11th December 2020. (Online)
2. ASIRAJ-2020 Association of Surgeons of India, Rajasthan state chapter. The Web conference. 18th - 19th October 2020. (Online)
3. IV HTV International Executive Committee Meeting. 23rd November 2020. (Online)

4. AMASICON-2020. 15th Annual International Conference of Association of Minimal access surgeons of India. 20th -22nd November 2020. (Online)
5. John Hunter hospital Trauma Evening, NSW Institute of Trauma and injury Management. 3rd November 2020. (Online)
6. 80th Annual Conference of ASI (Virtual Asicon2020). 17th -19th December 2020. (Online)
7. Live Webinar of Parenteral Nutrition in Onco-Surgery Patients. 30th July 2020. (Online)

Name of Faculty : Dr. Naveen Sharma

Designation : Professor

Books/Chapters

1. Sharma N. Writing the Introduction: Justifying your research. In: How to Write Thesis and Thesis Protocol, Piyush Gupta, Navjeevan Singh (editors), 2nd edition, New Delhi, Jaypee, 2020.

Papers Presented:

Sessions Chaired:

1. Judge in competition papers, ASICON 2020, December 2020. (Online)
2. PG Master Classes 2021, UP ASI, 6th -7th Feb 2021, Department of Surgery, Institute of Medical Sciences, Banaras Hindu University, Varanasi.
3. Panelist, ISTAC Web Panel discussion on Chest Injuries. 6th September 2020. (Online)

Resource Faculty:

1. Faculty, LHMC PG Clinical Update, Jan 202. (Online)
2. Course Director, ATLS India, 2020, total 3 courses taught: 02 at AIIMS Jodhpur

Research Project:

Ongoing:

As Co-Investigator

1. To study pneumomediastinum in chest trauma patients, Trauma center -AIIMS Jodhpur
2. Early Surgical treatment of chest trauma in AIIMS Jodhpur
3. Knowledge and attitude about Surgical safety checklist among surgical care practitioners of AIIMS, Jodhpur
4. Rhomboid flap surgery for Pilonidal sinus disease: A retrospective study
5. COVID-19 infection among patients undergoing any elective integration in AIIMS, Jodhpur.
6. Laparoscopic Port -site infections: characteristics and management'
7. Feasibility and outcome of conservative management of acute appendicitis in adults during COVID-2019 Pandemic
8. Clinico-epidemiological study of admitted Patients in the Department of Surgery during COVID-2019 Pandemic
9. Fibrin glue application in pilonidal sinus: A Prospective observational study 2
10. Awareness and experience of health care workers during COVID-19
11. Patient safety and outcome in laparoscopic appendectomy by residents: A retrospective study
12. Feasibility of same day discharge in laparoscopic cholecystectomy and inguinal hernioplasty A prospective observation study

13. Primary closure with negative suction drain versus delayed primary closure techniques in emergency laparotomy: A randomized controlled trial.

Examinership

1. MBBS. AIIMS Jodhpur, December 2020
2. MBBS. AIIMS Jodhpur, Feb 2021
3. MBBS. BHU Varanasi, March 2021
4. MBBS Prepared MCQ based question paper. AIIMS Rishikesh, Dec 2020
5. M.S (Gen Surgery). AIIMS Jodhpur, May 2020
6. MS (Gen Surgery). AIIMS Jodhpur, December 2020
7. MS (Gen Surgery). MGUMST Jaipur, June 2020
8. MS (Gen Surgery). SMS Medical College Jaipur, May 2020
9. M.Ch. (Trauma Surgery) Prepared MCQ based question paper. AIIMS Rishikesh
10. DNB (Trauma Surgery). Ganga Hospital Coimbatore, October 2020

National/ International Conferences attended:

1. ASICON 2020, Association of Surgeons of India, December 2020 (Online)

Name of Faculty : Dr. Ramkaran Chaudhary

Designation : Additional Professor

Papers Presented:

1. Competitive paper presentation, ASIRAJ-2020, Annual conference of Association of Surgeons of India, Rajasthan state chapter, 18th -19th October 2020. (Online)
2. Competitive poster and free paper session, ASICON-2020, Annual conference of Association Surgeons of India, 17th- 19th December 2020. (Online).

Sessions Chaired:

1. Best Video Award session, AMASICON-2020, Annual Conference of Association of Minimal Access Surgeons of India, 20th -22nd November 2020. (Online)

Symposium Speaker:

1. Contaminated hernia surgery. Web CME, 25th August 2020 (Online)
2. Safety of Surgeon & Safe surgery during Covid Era: Recent Guidelines & Updates. Web CME- Association of Surgeons of India, Rajasthan state chapter, 20th September 2020. (Online)

Resource Faculty:

1. Course Faculty-ATLS Instructor course, ATLS India, 27th to 28th February 2021, AIIMS, Jodhpur.
2. Course Faculty-ATLS Provider course, ATLS India, 18th – 20th March 2021, AIIMS Jodhpur.
3. Course Faculty, ATLS Provider course, ATLS India, 24th – 26th March 2021, MGMUST, Jaipur.

Research Project:

Ongoing:

As Principal Investigator

1. Laparoscopic Port -site infections: Characteristics and management.

2. Feasibility and outcome of conservative management of acute appendicitis in adults during COVID-2019 Pandemic.

As Co-Investigator

1. To study pneumomediastinum in chest trauma patients, Trauma centre -AIIMS Jodhpur.
2. Early Surgical treatment of chest trauma in AIIMS Jodhpur.
3. Knowledge and attitude about surgical safety checklist among surgical care practitioners of AIIMS, Jodhpur.
4. Rhomboid flap surgery for Pilonidal sinus disease: A retrospective study.
5. Clinico-epidemiological study of admitted Patients in the Department of Surgery during COVID-2019 Pandemic.
6. Fibrin glue application in pilonidal sinus: A Prospective observational study Awareness and experience of health.

Completed:

As Principal Investigator

1. A study of efficacy of methylene blue and clinico-pathological factors associated with false negative Sentinel Lymph Node Biopsy (SLNB) in early breast cancer.

Examinership

1. MS (General Surgery). Dr. S. N. Medical college, Jodhpur, 29th – 30th June 2020.
2. MS (General Surgery). Dr. S. N. Medical college, Jodhpur, 16th August 2020.

National/ International Conferences attended:

1. ASI Regional Refresher Course (RRC), Association Surgeons of India, 7th – 12th September 2020. (Online)
2. ASIRAJ-2020, Association of Surgeons of India, Rajasthan state chapter, 18th -19th October 2020. (Online)
3. Virtual AMASICON-2020, Association of Minimal Access Surgeons of India, 20th -22nd November 2020. (Online)
4. Virtual ASICON-2020, Association Surgeons of India, 17th – 19th December 2020. (Online)
- 5.

Name of Faculty:Dr. Mahendra Lodha

Designation:Associate Professor

Papers Presented:

1. Barwar N, Lodha M, Thoracolumbar kyphosis in mucopolysaccharidosis: a case report. Association of spine surgeon of India annual conference, 29th -31st January 2021. (Online)
2. Shukla RK, Choudhary R, Lodha M, Rodha MS, Bajpai N, Purohit P, Sharma P, Garg MK. Human visceral adipose tissue(VAT) inflammation is not associated with perforine in type two diabetes mellitus(DM) subjects as compared with health controls. Annual meeting of endocrine society, Endocrine society, 20th -23rd March 2021. (Online)

Research Project:

Ongoing:

As Principal Investigator

1. Study of practice trends of groin hernia surgery in state of Rajasthan.
2. Significance of clinical test of groin hernia in today's era

As Co-Investigator

1. Rhomboid flap surgery for Pilonidal sinus disease: A retrospective study
2. Laparoscopic Port -site infections: characteristics and management.
3. Feasibility and outcome of conservative management of acute appendicitis in adults during COVID-2019 Pandemic.
4. Fibrin glue application in pilonidal sinus: A Prospective observational study
5. Awareness and experience of health care workers during COVID-19.
6. Patient safety and outcome in laparoscopic appendectomy by residents: A retrospective study.
7. Feasibility of same day discharge in laparoscopic cholecystectomy and inguinal hernioplasty: A prospective observation study.
8. Primary closure with negative suction drain versus delayed primary closure techniques in emergency laparotomy: A randomized controlled trial.

Examinership

1. BPT. KS Memorial Nursing college, Jodhpur, 20th March 2021.
2. BPT. Dr SN Medical College Jodhpur, 22nd March 2021.

Name of Faculty: Dr. Satya Prakash Meena
Designation: Assistant Professor

Research Project:

Ongoing:

As Principal Investigator

1. Fibrin glue application in pilonidal sinus: A prospective observational study, Intra mural project funded by AIIMS Jodhpur.
2. Feasibility of same day discharge in laparoscopic cholecystectomy and inguinal hernioplasty
3. Multidisciplinary approach of diabetic foot in special clinic
4. Primary closure with negative suction drain versus delayed primary closure techniques in emergency laparotomy: A randomized controlled trial

As Co-Investigator

1. Early surgical treatment of chest trauma in AIIMS Jodhpur.
2. Knowledge and attitude about "Surgical Safety Checklist" among surgical care practitioners of AIIMS Jodhpur.
3. COVID-19 infection among patients undergoing any elective intervention in AIIMS Jodhpur: An observational study.
4. Rhomboid flap surgery for pilonidal sinus disease: A retrospective study.
5. To study pneumo-mediastinum in chest trauma patients, Trauma center -AIIMS Jodhpur
6. Laparoscopic Port -site infections: characteristics and management
7. Feasibility and outcome of conservative management of acute appendicitis in adults during COVID-2019 Pandemic
8. Clinico-epidemiological study of admitted Patients in the Department of Surgery during COVID-2019 Pandemic.
9. Comparative study of open and laparoscopic ventral hernia repair: A prospective single Centre study at AIIMS Jodhpur.
10. Knowledge, attitude, practice, and behavior regarding breast cancer and its prevention among females coming to surgery OPD at AIIMS Jodhpur.

Completed:

As Principal Investigator

1. Patient's safety and outcome in laparoscopic appendectomy by residents: A retrospective study.
2. Awareness and experience of health care workers during COVID-19.

Scientific Awards/Patents

1. FALS-Colorectal Fellowship. IAGES Society, 2020.

Membership/Post in Journal or Society or Association

1. Reviewer; Journal of The Turkish German Gynecological Association.

National/ International Conferences attended:

1. KSELS 2020 & KAROS virtual Congress. Korean society of endoscopic and laparoscopic surgeons. 28th -29th Aug 2020. (Online)
2. ASIRAJ Web CME. Safety of surgeon & safe surgery during COVID Era: Recent guideline & updates, 20th Sept 2020. (Online)
3. ASICON 2020, 80th Annual Conference of the Association of Surgeons of India, ASI, 17th -19th Dec 2020. (Online)

Name of Faculty : Dr. Mayank Badkur

Designation : Assistant Professor

Books/Chapters: Accepted for Publication.

1. Badkur M, Puranik A, Ranjan R. Recent Advancements in Surgical Practice. In "Advanced Research in Medical Science & Technology (Volume - 1)", Varsha Gupta (editor), 1st Edition, Delhi, Integrated Publications, 2020.

Papers Presented:

1. Badkur M, Sumanth S, Ranjan R, Chaudhary R. In time management of a traumatic diaphragmatic hernia (e-Poster.) 15th Annual International Conference of Association of Minimal Access Surgeons of India AMASICON 2020, 20th - 22nd November 2020. (Online)

Invited Lectures

1. Lichtenstein inguinal hernia repair(Video based Faculty Lecture). Association of surgeon of India: National Skill Enhancement Program 2021, 3rd Feb 2021. (Online)

Resource Faculty:

1. Video based Faculty Lecture, Association of surgeon of India: National Skill Enhancement Program 2021, 3rd Feb 2021. (Online)

Research Project:

Ongoing:

As Principal Investigator

1. Comparative study of open and laparoscopic ventral hernia repair: A prospective single center study at AIIMS Jodhpur.

2. Road traffic accidents during Covid-19 pandemic: A multicenter retrospective analytical study.

As Co-Investigator

1. Early Surgical treatment of chest trauma in AIIMS Jodhpur
2. Knowledge and attitude about Surgical safety checklist among surgical care practitioners of AIIMS, Jodhpur.
3. Rhomboid flap surgery for Pilonidal sinus disease: A retrospective study.
4. Laparoscopic Port -site infections: characteristics and management.
5. Feasibility and outcome of conservative management of acute appendicitis in adults during COVID-2019 Pandemic.
6. Clinico-epidemiological study of admitted Patients in the Department of Surgery during COVID-2019 Pandemic.
7. Fibrin glue application in pilonidal sinus: A Prospective observational study.
8. Feasibility of same day discharge in laparoscopic cholecystectomy and inguinal hernioplasty: A prospective observation study.
9. Primary closure with negative suction drain versus delayed primary closure techniques in emergency laparotomy: A randomized controlled trial.

Completed:

As Principal Investigator:

1. Knowledge, Attitude, Practice and behavior regarding Breast Cancer and its Prevention among females coming to surgery OPD at AIIMS Jodhpur.
2. Attitude regarding the elective surgical procedure among patients in the Department of General Surgery in AIIMS Jodhpur during Covid 19 pandemic.

Membership/Post in Journal or Society or Association

1. Member; Clinical Robotic Surgery Association, India (CRSA)

National/ International Conferences attended:

1. 15th Annual International Conference of Association of Minimal Access Surgeons of India (AMASICON 2020), AMASI India, 20th- 22nd November 2020. (Online)
2. Biostatistics for medical professionals, Science Tech Institute, Lucknow, Uttar Pradesh, 02nd November 2020.
3. E - MISCON 2020 - SELSI SZ Conference, Dept. of Minimally Invasive Surgery, VPS Lakeshore Hospital and Verwandeln Institute, Kochi, 17th -18th July 2020. (Online)
4. OBESICON 5-Virtual Conference 2020. GEM Obesity & Diabetes Surgery Centre, Chennai, 12th July 2020. (Online)
5. Online Interactive CME: "Statistics in Health Research" on National Statistics Day, organized by School of Public Health. AIIMS Jodhpur. 29th June 2020. (Online)

Name of Faculty: Dr. Niladri Banerjee

Designation: Assistant Professor

Sessions Chaired:

1. Award Paper Session. TRAUMA 2020 Virtual, Indian Society of Trauma and Acute Care Surgery, 3rd - 5th December 2020, AIIMS, New Delhi (Online)

National/ International Conferences attended:

1. TRAUMA 2020 Virtual, Indian Society of Trauma and Acute Care Surgery; 3rd -5th December 2020, AIIMS, New Delhi (Online)

Name of Faculty: Dr. Aditya Baksi

Designation: Assistant Professor

National/ International Conferences attended:

1. 13th SELSICON – 12th IHSCON Joint National e-Conference. SELSI, October 2020. (Online)
2. IFSO-European Chapter 2020, IFSO, November 2020. (Online)
3. IAGES Bariatric Week, IAGES, 8th -14th February 2021. (Online)

Name of Faculty : Dr. Mahaveer Singh Rodha

Designation : Additional Professor (Trauma & Emergency)

Department of Gastroenterology

S.No.	Name	Designation
1	Dr. Ashish Agarwal	Assistant Professor

About the Department

The Department of Gastroenterology was started in February 2021 to manage the complex gastrointestinal disorders in this part of India. Our aim is to make the department a major referral centre for gastrointestinal and hepato-pancreato-biliary disorders patients not only from proximate cities but also from nearby states. We are offering up-to-date facility for comprehensive management of both benign and malignant Gastrointestinal & HPB disorders and providing comprehensive medical education and research. The planned expansion in terms of new services and infrastructure development are ongoing. Quality and safety of high order is maintained in patient care.

Our OPD is presently functional 5 days a week, in the A block, 1st floor of OPD Block (Room No.- 114-116). The comprehensive follow up records are maintained for regular follow up. Currently, due to COVID-19, the initial visit is via teleconsultation, following which, patients are advised to follow up in the OPD or teleconsultation depending upon the disease. Further, we are attending to all the patients referred to the Department of Gastroenterology from other departments.

Patients are admitted from the OPD and emergency under the Department of Medicine where they are followed by both Medicine as well as Gastroenterology Department. Patient is thoroughly evaluated and history & examination is prepared by the medicine resident as soon as the patient arrives. Printed discharge summary is handed over to all the patients. We are maintaining soft copies of all the data including discharge summary.

Endoscopy services are still being established at AIIMS Jodhpur. We are currently in the process of procuring diagnostic and therapeutic endoscopes and endoscopic ultrasound system. Currently, patients needing endoscopy are shifted to state run Government Hospital (Mathura Das Mathur Hospital) for the procedure. Patient is accompanied by a resident from the Department of Medicine.

Name of Faculty : Dr. Ashish Agarwal

Designation : Assistant Professor

Publications:

1. Dutta R, Iqbal A, Das P, Kumar J, Singh A, Mehtab W et al. Liver involvement in patients with coeliac disease: proof of causality using IgA/anti-TG2 colocalisation techniques. J ClinPathol. 2021 Mar 31; jclinpath-2020-206735.

Invited Lectures:

1. "How to screen for NAFLD at different levels of healthcare". National Webinar on Non-alcoholic Fatty Liver Disease (NAFLD): Population-level Strategies for Prevention. Jointly organized by Institute of Liver and Biliary Sciences, New Delhi and AIIMS Jodhpur

Department of Medical Oncology

S.No.	Name	Designation
1	Dr. Sandeep Kumar Bairwa	Assistant Professor

About the Department

The Department of Medical Oncology was started in February 2021 to manage the malignant disorders in this part of India. Our aim is to make the department a major referral center for solid and hematological malignant disorders patients not only from proximate cities but also from nearby states. We are offering up-to-date facility for comprehensive management of both solid and hematological malignancies and providing comprehensive medical education and research. The planned expansion in terms of new services and infrastructure development are ongoing. Quality and safety of high order is maintained in patient care.

Our OPD is presently functional 5 days a week, in the A block, 5th floor of OPD Block (Room No.- 513-516). The comprehensive follow-up records are maintained for regular follow up. Currently, due to COVID-19, the initial visit is via teleconsultation, following which, patients are advised to follow up in the OPD or teleconsultation depending upon the disease. Further, we are attending to all the patients referred to the Department of Medical Oncology/Hematology from other departments.

Patients are admitted from the OPD and emergency under the Department of Medical Oncology. Patient is thoroughly evaluated and history & examination is prepared by the integrated oncology resident as soon as the patient arrives. Printed discharge summary is handed over to all the patients. We are maintaining soft copies of all the data including discharge summary.

Chemotherapeutic interventions: Patients diagnosed with solid and hematological malignancies receive curative/palliative chemotherapy in daycare and indoor ward. Intensive chemotherapies are given in indoor wards only. Chemotoxicities are managed as indoor basis.

Name of Faculty: Dr. Sandeep Kumar Bairwa

Designation: Assistant Professor

National/ International Conferences attended:

1. British Medical Journal certified Palliative Care Course. March 2021. (Online)
2. Virtual Conference of The International Society of Pediatric Oncology. March 2021. (Online)

Department of Microbiology

S.No.	Name	Designation
1	Dr. Vijaya Lakshmi Nag	Professor & Head
2	Dr. Ashwini Aggarwal	Additional Professor
3	Dr. Ravisekhar Gadepalli	Additional Professor
4	Dr. VibhorTak	Associate Professor
5	Dr. Sarika Prabhakar Kombade	Assistant Professor
6	Dr. Vidhi Jain	Assistant Professor
7	Dr. Kumar S. Abhishek	Assistant Professor

About The Department:

Department of Microbiology has been providing laboratory services at par with all other national institutes, in the field of diagnostics, hospital infection control, research and various extra-curricular activities of this prestigious Institution, since 2013. The Department of Microbiology at AIIMS Jodhpur has various sections engaged in providing routine diagnostics, infection control, second line investigations and state-of-the art research. The department presently has 68 members comprising 7 Faculty, 10 SR, 14 JRs, 13 LTs, 5 attendants and various project & VRDL staff. We are actively engaged in teaching of undergraduate and postgraduate medical students and co-mentor DM infectious diseases curriculum for Post-MD candidates in microbiology, medicine and pediatrics.

The laboratory has been equipped with new automated instruments and molecular technologies, up-to-date with international norms. The various sub-sections of the departments are spread over three divisions: (1) The IPD lab with 24-hr services in Bacteriology, Mycology, Mycobacteriology, Parasitology, Virology, Serology, Anaerobic and Hospital Infection Control. We are the regional level reference center for Antimicrobial Resistance testing for Western India (2) The OPD lab provides NTEP diagnostics, STI reporting and ATT referral services from 9am-5pm for outpatients. (3) The Regional level Viral Research and Diagnostic Laboratory (R-VRDL) provides various serological and molecular investigations free of cost for Rubella, CMV, HSV I & II, Varicella, EBV, West Nile, HIV, Hepatitis A, B, C, E, Measles, Mumps, Dengue, Chikungunya, JE, Rabies, various Diarrheagenic viruses, Influenza and COVID-19.

Our institute is an apex institute of Western India with a well-developed Regional level Viral Research and Diagnostic Laboratory (R-VRDL). It was designated by ICMR as a center for COVID-19 testing from the community and public health sector of Jodhpur on March 18, 2020. The R-VRDL has mentored and validated more than 68 COVID testing centers across the state. R`VRDL also had given training for COVID testing to several private and government Laboratories. The BSL3 facility (under construction) aims to reduce the occupational exposure to pathogenic materials and will provide safe environment for early detection of high risk group of emerging infectious diseases. The RVRDL has tested 1,51,576 COVID -19 samples and more than 1,23,000 serological tests till 31st March 2021.

Total Operational (initiated independent testing) Laboratories reporting to ICMR, mentored by R`VRDL AIIMS Jodhpur for the states Gujarat and Rajasthan: (89 and 72)161. R`VRDL AIIMS Jodhpur has successfully trained 25 laboratories both private and government for RT-PCR testing and Conducting quality control programs for various laboratories under ICMR program.

Compiled list of Publications of the department –**PubMed Indexed:**

1. Sureka B, Nag VL, Garg MK, Tak V, Banerjee M, Bishnoi A, Misra S. Rational use of PPE and preventing PPE related skin damage. *Journal of Family Medicine and Primary Care*. 2021 Apr;10(4):1547.
2. Kombade SP, Abhishek KS, Mittal P, Sharma C, Singh P, Nag VL. Antifungal profile of vulvovaginal candidiasis in sexually active females from a tertiary care hospital of Western Rajasthan. *Journal of Family Medicine and Primary Care*. 2021 Jan;10(1):398.
3. Abhishek KS, Kombade SP, Gupta N, Tak V, Nag VL, Singh K, Agarwal N. Case series and mini review on *Elizabethkingia meningoseptica* a high alert organism causing meningitis in premature neonates from a tertiary care hospital of Western Rajasthan. *Infectious disorders drug targets*. 2021.
4. Abhishek KS, Shrimali T, Tak V, Nag VL, Banerjee S, Khera S. Primary pelvic echinococcosis though uncommon but not rare. *Trop Parasitol*. 2021 Jan-Jun;11(1):56-59.
5. Sharma S, Ruparelia J, Bhaskar S, Tiwari S, Nag VL, Panda S. Acute Fulminant Cerebellitis in Children with COVID-19 Infection: A Rare But Treatable Complication. *Pediatr Neurol*. 2021 Jun;119:45-47.
6. Nag VL, S. Kombade, A. Sharma, V. Tak, K. Priyadarshi The multidrug resistant profile of *Acinetobacter* spp. isolated from clinical samples in a tertiary care hospital from western Rajasthan, India. *Antimicrobial resistance / International Journal of Infectious Diseases* 101(S1) 2021; 8–119.
7. Saurabh S, Kumar R, Kumar N, Bhardwaj P, Nag VL, Garg MK, Misra S. Dynamics of SARS-CoV-2 Transmission Among Indian Nationals Evacuated From Iran. *Disaster Med Public Health Prep*. 2020 Oct 22:1-7.
8. Varshney VK, Sreesanth KS, Kombade SP, Soni SC, Kaur N, Goel AD, Nag VL. Bacterial flora in the bile: Clinical implications and sensitivity pattern from a tertiary care centre. *Indian J Med Microbiol*. 2021 Jan;39(1):30-35.
9. Goel AD, Bhardwaj P, Gupta M, Kumar N, Jain V, Misra S, Saurabh S, Garg MK, Nag VL. Swift contact tracing can prevent transmission-Case report of an early COVID-19 positive case. *J Infect Public Health*. 2021 Feb;14(2):260-262.
10. Kalita JM, Yedale K, Tak V, Nag VL, Kumar D, Bohra GK. Immune thrombocytopenia, *Strongyloides stercoralis* hyperinfection syndrome with coinfection of *Cryptosporidium*: A rare case. *Indian J Pathol Microbiol*. 2021 Jan-Mar;64(1):221-223.
11. Samaddar A, Gadepalli R, Nag VL, Misra S, Bhardwaj P, Singh P, Meena M, Sharma PP, Grover M, Kumar Garg M, Chauhan NK, Dutt N, Niwas R, Kumar D, Sharma P, Goel AD, Kumar Gupta M, Saurabh S, Rai S, Lawdiya C, Saini J, Singh D. Viral Ribonucleic Acid Shedding and Transmission Potential of Asymptomatic and Paucisymptomatic Coronavirus Disease 2019 Patients. *Open Forum Infect Dis*. 2020 Dec 8;8(1):ofaa599.
12. Saurabh S, Verma MK, Gautam V, Kumar N, Jain V, Goel AD, Gupta MK, Sharma PP, Bhardwaj P, Singh K, Nag VL, Garg MK, Misra S. Tobacco, alcohol use and other risk factors for developing symptomatic COVID-19 vs asymptomatic SARS-CoV-2 infection: a case-control study from western Rajasthan, India. *Trans R Soc Trop Med Hyg*. 2021 Jul 1;115(7):820-831.
13. Garg PK, Khera PS, Saxena S, Sureka B, Garg MK, Nag VL, Purohit A, Dutt N, Tiwari S, Yadav T, Singh S, Misra S. Chest-X-ray-Based Scoring, Total Leukocyte Count, and Neutrophil-to-Lymphocyte Ratio for Prediction of COVID-19 in Patients with Severe Acute Respiratory Illness. *Turk Thorac J*. 2021 Mar;22(2):130-136.

14. S Ambwani, VL Nag, S Kombade, V Tak, K Priyadarshi. Changing pattern of antimicrobial resistance in clinical isolates from pyogenic infections in tertiary care hospital at Western Rajasthan, India. *International Journal of Infectious Diseases*. 2020; 101. 79.
15. Samaddar A, Gadepalli R, Nag VL, Misra S. The Enigma of Low COVID-19 Fatality Rate in India. *Front Genet*. 2020 Jul 28;11:854.
16. Sureka B, Rai B, Varshney V, Nag VL, Garg MK, Garg PK, Yadav T, Khera PS, Goel A. Quantitative diffusion-weighted magnetic resonance imaging for prediction of early infection in pancreatic collections: Results of a pilot study. *Saudi J Gastroenterol*. 2020 Jan-Feb;26(1):20-25.
17. Kaur N, Varshney VK, Kombade SP, Yadav T, Suman S, Garg PK, Nag VL. Splenic Abscess Caused by Salmonella Typhi: an Uncommon Presentation. *Jpn J Infect Dis*. 2021 Mar 24;74(2):166-168.
18. Samantaray S, Nag VL, Rawat P, Misra S, Aggarwal A, Khan S, Gadepalli RS, Kombade SP, Deepak, Dutt N, Garg MK, Bharadwaj P, Manda B. Demographic Profile of COVID-19 Cases: An Early Analysis of the Local Outbreak in a "Hotspot District" of Western Rajasthan in India. *Asia Pac J Public Health*. 2021 Jan;33(1):138-140.
19. Tak V, Kolita JM, Nag VL, Bohra GK, Kumar D. Chronicle of migrant hyperinfective *Strongyloides stercoralis* larvae and associated bacteremia in a patient suffering from Idiopathic Thrombocytopenic Purpura. *Access Microbiology*. 2020; 2 (2): 170.
20. Shekhar S, Nag VL, Singh P, Kaushal R, Batra S, Chandra C. Rubella Seroprevalence among Indian Female Medical & Nursing Students at a Tertiary Care Teaching Institute & its Correlation with Socioeconomic Status. *Indian J Community Med*. 2020 Apr-Jun;45(2):246-247.
21. Mathur P, Malpiedi P, Walia K, Malhotra R, Srikantiah P, Katoch O, Katyal S, Khurana S, Misra MC, Gupta S, Kumar S, Sagar S, Vig N, Garg P, Kapil A, Sahu M, Chakrabarti A, Ray P, Biswal M, Taneja N, Rupali P, Chacko VB, Michael JS, Balaji V, Rodrigues C, Nag VL, Tak V, Venkatesh V, Mukhopadhyay C, Vandana KE, Varma M, Deotale V, Attal R, Padmaja K, Wattal C, Goel N, Bhattacharya S, Karuna T, Saigal S, Behera B, Singh S, Thirunarayan MA, Nath R, Ray R, Baveja S, Chandy M, Mukherjee S, Roy M, Goel G, Tripathy S, Misra S, Dey A, Mishra T, Raj H, Fomda B, Bashir G, Nazir S, Devi S, Devi KR, Singh LC, Das P, Bhargava A, Gaikwad U, Khandelwal N, Vaghela G, Sukharamwala T, Verma P, Lamba M, Jain S, Bhattacharyya P, Phukan A, Lyngdoh C, Sharma R, Gaiind R, Saksena R, Kapoor L, Gupta N, Sharma A, Ende DV, Velayudhan A, Siromany V, Laserson K, Guleria R. Surveillance of Healthcare-Associated Bloodstream and Urinary Tract Infections in a National Level Network of Indian Hospitals. *Infection Control & Hospital Epidemiology*. 2020; 41(S1) s398-s399.
22. Kalita JM, Aggarwal A, Yedale K, Gadepalli RS, Nag VL. A 5- year study of dengue seropositivity among suspected cases attending a teaching hospital of North- Western region of India. *Journal of Medical Virology*. June 2020; 1-6.
23. Elhence A, Sureka B, Garg MK, Bhardwaj P, Kanchan T, Sinha A, Bhatia PK, Nag VL, Kothari N, Dutt N, Bhaskar S, Tak V, Bishnoi NR, Misra S. Preparing for a COVID-19 pandemic: Redefining roles of multidisciplinary team in a large tertiary hospital in Rajasthan. *J Family Med Prim Care*. 2020 Nov 30;9(11):5439-5444.
24. Bansal Y, Tak V, Nag VL. *Streptococcus dysgalactiae* subspecies *dysgalactiae* as a cause of urinary tract infection in a diabetic woman: A case report and review of literature. *Microbiologia Medica*. 2020; 35(3)
25. Bansal Y, Maurya V, Aggarwal N, Tak V, Nag VL, Purohit A, Goel AD, Bohra GK, Singh K. Thrombocytopenia in malaria patients from an arid region of Western Rajasthan (India). *Trop Parasitol*. 2020 Jul-Dec;10(2):95-101.
26. Kalita JM, Nag VL, Yedale K. Spectrum of leprosy among suspected cases attending a teaching hospital in Western Rajasthan, India. *J Family Med Prim Care*. 2020 Jun 30;9(6):2781-2784.

27. Saurabh S, Kumar R, Gupta MK, Bhardwaj P, Nag VL, Garg MK, Misra S. Prolonged persistence of SARS-CoV-2 in the upper respiratory tract of asymptomatic infected individuals. QJM. 2020 Aug 1;113(8):556-560.
28. Tripathi S, Bhati R, Gopalakrishnan M, Bohra GK, Tiwari S, Panda S, Sahay RR, Yadav PD, Nag VL, Garg MK. Clinical profile and outcome of patients with Crimean Congo haemorrhagic fever: a hospital based observational study from Rajasthan, India. Trans R Soc Trop Med Hyg. 2020 09 1;114(9):643-649.
29. Murhekar M, Verma S, Singh K, Bavdekar A, Benakappa N, Santhanam S, Sapkal G, Viswanathan R, Singh MP, Nag VL, Naik S, Ashok M, Abraham AM, Shanmugasundaram D, Sabarinathan R, Verghese VP, George S, Sachdeva RK, Kolekar J, Manasa S, Ram J, Gupta M, Rohit MK, Kumar P, Gupta PC, Ratho RK, Munjal SK, Nehra U, Khera D, Gupta N, Kaushal N, Singh P, Gadepalli R, Vaid N, Kadam S, Shah S, Mahantesh S, Gowda VK, Haldar P, Aggarwal MK, Gupta N. Epidemiology of Congenital Rubella Syndrome (CRS) in India, 2016-18, based on data from sentinel surveillance. PLoS Negl Trop Dis. 2020 Feb 3;14(2):e0007982.
30. Singh S, Kombade SP, Khan S, Samaddar A, Kalita JM, Nag VL. An injection abscess due to *M. fortuitum*: A rare case report. J Family Med Prim Care. 2020 May 31;9(5):2573-2576.
31. Samaddar A, Grover M, Nag VL. Pathophysiology and Potential Therapeutic Candidates for COVID-19: A Poorly Understood Arena. Front Pharmacol. 2020 Sep 17;11.
32. Singh S, Sharma A, Nag VL. Bacterial pathogens from lower respiratory tract infections: A study from Western Rajasthan. J Family Med Prim Care. 2020 Mar 26;9(3):1407-1412.
33. Panda S, Sharma S, Bajpai N, Gopalakrishnan M, Kombade SP, Nag VL. A Rare Fatal Cause of Acute Areflexic Quadriplegia in the Tropics. Neurol India. 2020 Sep-Oct;68(5):1196-1200.
34. Sharma A, Kalita JM, Nag VL. Screening for Methicillin-resistant Staphylococcus aureus Carriage on the Hands of Healthcare Workers: An Assessment for Hand Hygiene Practices. Indian J Crit Care Med. 2019 Dec;23(12):590-592.
35. Samaddar A, Srivastava S, Khan S, Tak V, Sharma A, Nag VL, Bohra GK. Mycobacterium chelonae bacteraemia in a patient with myasthenia gravis receiving long-term steroid therapy. Access Microbiol. 2019 Oct 21;1(10):e000069.
36. "Repurposed Antiviral Drugs for Covid-19 - Interim WHO Solidarity Trial Results.". October 15, 2020; New England Journal of Medicine (NEJM), 2020.
37. Sureka B, Sinha A, Tak V, Garg MK, Bhatia PK, Bhardwaj P, Nag VL, Dutt N, Elhence A, Bhaskar S, Bishnoi A, Chauhan N, Bishnoi NR, Misra S. Customized personal protective equipment (PPE): Solution to conservation and management of supplies during the coronavirus disease 2019 (COVID-19) pandemic. J Family Med Prim Care. 2020 May 31;9(5):2180-2182.
38. Bansal Y, Priyadarshi K, Kombade SP, Nag VL. Diagnostic dilemma in a case of Salmonella Typhi sacroiliitis. J Clin Orthop Trauma. 2020 Jul;11(Suppl 4):S657-S659.
39. Meena DS, Kumar D, Bohra GK, Garg MK, Yadav P, Sharma A, et al. Pulmonary Nocardiosis with Aspergillosis in a patient with COPD: A rare co-infection. ID Cases. 2020;20:e00766. Published 2020 Apr 15.
40. Sharma A, Agarwal A. Evaluation of the performance of a novel sputum processing ReaSLR methodology for culture of sputum samples in solid and liquid media in comparison with modified Petroff's method. Indian J of Tuberculosis 2021; 68: 255-260.
41. Rao GG, Agarwal A, Batura D. Testing times in Coronavirus disease (COVID-19): A tale of two nations. Med J Armed Forces India 2020; 76(3): 243–249.
42. Sharma A, Agarwal A, Katoch CDS, Sen S, Gupta RM. Evaluation of a novel sputum processing ReaSLR methodology for improving sensitivity of smear microscopy in clinical samples. Med J Armed

- Forces India 2020, <https://doi.org/10.1016/j.mjafi.2020.05.010> (Article in Press- Available online 14 July 2020).
43. Singhal A, Sashindran VK, Agarwal A, Yadav AK, Kayastha S. Utility of B Cell Activating Factor (BAFF) and a Proliferation induced Ligand (APRIL) Cytokines as Markers of Response to Anti-Tubercular Therapy. *J Clinical and Diagnostic Research*. 2020, 14(5): OC01-OC04
 44. Meena DS, Kumar D, Bohra GK, Garg MK, Yadav P, Sharma A, et al. Pulmonary Nocardiosis with Aspergillosis in a patient with COPD: A rare co-infection. *ID Cases*. 2020;20:e00766. Published 2020 Apr 15. doi:10.1016/j.idcr.2020.e00766.
 45. Samaddar A, Gadepalli R, Nag VL, Misra S, Bhardwaj P, Singh P, Meena M, Sharma PP, Grover M, Kumar Garg M, Chauhan NK. Viral Ribonucleic Acid Shedding and Transmission Potential of Asymptomatic and Paucisymptomatic Coronavirus Disease 2019 Patients. In *Open forum infectious diseases*. 2021 Jan; 8(1): ofaa599). US: Oxford University Press.
 46. Chauhan NK, Shadrach BJ, Garg MK, Bhatia P, Bhardwaj P, Gupta MK, Dutt N, Jalandra RN, Garg P, Nag VL, Sharma P, Bohra GK, Kumar D, Elhence PA, Banerjee M, Mathur D, Purohit AHL, Gadepalli R, Sureka B, Misra S. "Predictors of Clinical Outcomes in Adult COVID-19 Patients Admitted to a Tertiary Care Hospital in India: an analytical cross-sectional study: Predictors of clinical outcomes in COVID-19. *Acta Biomedica Atenei Parmensis*(Accepted) 2020.
 47. Kalita J, Tak V, Nag VL, Bohra GK, Kumar D. Immune Thrombocytopenia, *Strongyloides stercoralis* Hyperinfection Syndrome with Coinfection of *Cryptosporidium*: A rare Case. *Indian J Pathol Microbiol*. 2021;64(1):221-223.
 48. Sureka B, Tiwari S, Garg PK, Yadav T, Khera PS, Tak V, Misra S. COVID-19 pandemic: Cleaning and disinfection—What should the radiologist know?. *The Indian Journal of Radiology & Imaging*. 2021 Jan;31(Suppl 1):S207.
 49. Sureka B, Sinha A, Tak V, Garg MK, Bhatia PK, Bhardwaj P, Nag VL, Dutt N, Elhence A, Bhaskar S, Bishnoi A, Chauhan N, Bishnoi NR, Misra S. Customized personal protective equipment (PPE): Solution to conservation and management of supplies during the coronavirus disease 2019 (COVID-19) pandemic. *J Family Med Prim Care*. 2020 May; 9(5): 2180–2182.
 50. Mathur P, Malpiedi P, Walia K et al. Surveillance of Healthcare-Associated Bloodstream and Urinary Tract Infections in a National Level Network of Indian Hospitals. *Infect Control Hosp Epidemiol*. 2020; 41(S1): S398-S399.
 51. Bansal Y, Maurya V, Agarwal N, Tak V, Nag V, Purohit A, Goel AD, Bohra GK, Singh K. Thrombocytopenia in Malaria patients from an arid region of western Rajasthan (India). *Tropical Parasitology*. 2020;10(2):95-101.
 52. Panda S, Sharma S, Bajpai N, Gopalakrishnan M, Kombade SP, Nag VL. A Rare Fatal Cause of Acute Areflexic Quadriplegia in the Tropics. *Neurology India*. 2020 Sep 1;68(5):1196.
 53. Singh S, Kombade SP, Khan S, Samaddar A, Kalita JM, Nag VL. An injection abscess due to *M. fortuitum*: A rare case report. *Journal of Family Medicine and Primary Care*. 2020 May;9(5):2573.
 54. Jain V, Kanchan T, Krishan K. Exploring the emergence of vertical transmission of SARS-CoV-2: A Rapid Review: Exploring the emergence of vertical transmission of SARS-CoV-2: *Acta Bio Med [Internet]*. 2020 Dec 22;91(4)
 55. Jain V, Kanchan T. Intrauterine vertical transmissibility of severe acute respiratory syndrome coronavirus 2: did we just miss the proof? *American Journal of Obstetrics & Gynecology MFM*. 2020 Nov 1;2(4):100228.
 56. Jain V, Kanchan T. Implications of SARS CoV-2 positivity in amniotic membranes for ophthalmologists. *Eye*. 2020 Jun 22:1.
 57. Sharma S, Panda S, Tiwari S, Patel A, Jain V. Chronic encephalopathy and locked-in state due to scrub typhus related CNS vasculitis. *Journal of Neuroimmunology*. 2020 Sep 15;346:577303.

Non-Pubmed Indexed:

1. Srivastava S, Jain V, Nag VL, Misra S, Singh K. Current Avenues for COVID-19 Serology. Annals of the National Academy of Medical Sciences (India). 2020 Jul 12.
2. G Ravisekhar, KS Abhishek, VL Nag. Chikungunya: Current Situation in India. J Clin Virol Res 2020; 11.
3. Priyadarshi K, Nag VL, Kombade SP, Gadepalli RS, Misra S, Singh K. Molecular Diagnosis of COVID-19: An Update. Ann Natl Acad Med Sci (India). 2020;3: 126-137.
4. Bhattacharjee M, Nag VL, Goyal JP, Tak V. Impact of antibiotic stewardship program on usage of higher range of antibiotics in patients of intensive care units in a tertiary care hospital, India. Int J Adv Med 2020;7:287-92.
5. Ravisekhar G, Abhishek KS, Nag VL. Chikungunya: Current Situation in India. J Clin Virol Res 2020; 1. 2020 Jun 27;1
6. Yedale K, Kalita JM and Gadepalli R. Transfusion Transmitted Infections in Patients with Haemophilia, a Study from Western Rajasthan, India. Haematol Int J. 2020, 4(3): 00065.
7. K Priyadarshi, VL Nag, SP Kombade, Gadepalli RS, S Misra, K Singh. Molecular Diagnosis of COVID-19: An Update and Review, Annals of the National Academy of Medical Sciences (India) 2020.
8. Bansal Y, Tak V, Nag VL. Streptococcus dysgalactiae subspecies dysgalactiae as a cause of urinary tract infection in a diabetic patient. Microbiologia Medica 2020;35(3).

Name of Faculty : Dr. Vijaya Lakshmi Nag
Designation : Professor & Head

Workshops/ Conferences Organized

1. Workshop on introductory course on evidence based medicine. AIIMS Jodhpur, 14th – 22nd December 2020. (Online)

Papers Presented:

1. Maurya A, Suryakant, Nag VL, TN Dhole. Changing trends of clinically significant NTM isolates from extra pul. case in India. Abstract ID-5924 , 30th April 2020
2. Nag VL. Predictors of Clinical Outcome in Adult COVID-19 patients admitted to a Tertiary care Hospital in India: An Analytical cross sectional study. Abstract 53/Pafe e2021024 Acta Bio Med.
3. Tewari S, Nag VL. Prevalence of WNV Infection in North Western Rajasthan, A Hospital Base Study. E-poster VIROCON 2020.(Online)

Invited Lectures

1. Identification of SARS-CoV-2 infection among healthcare workers and inpatients. Infection Prevention and Control (IPC). Global Webinar Series: Practical IPC considerations in the fight against COVID-19. CDC in collaboration with the World Health Organization (WHO), ECHO, and IPC professional societies (simultaneous translation in: spanish, russian, french, arabic, and portuguese), 11th June 2020. (Online)
2. Cholera to Corona Pandemic: My journey. XVII UP-UK, MICROCON 2021 (e-conference) Theme: "Epidemic Prone Infectious Diseases of Relevance in Current Scenario". Department of Microbiology, AIIMS, Rishikesh, 22nd-23rd March 2021.(Online)

3. Molecular Diagnosis of COVID-19. An update and Review, Combating with the pandemic COVID-19. A global health cancer Webinar. Jointly organized by NAMS New Delhi & AIIMS Delhi, AIIMS, Jodhpur & PGI Chandigarh. 12th July 2020. (Online)

Symposium Speaker

1. Stake holders meeting on diagnosis of cystic echinococcosis in human. XIV annual conference of IATP; TROPACON 2020, Chennai, Tamil Nadu. 29th Dec 2020. (Online)

Resource Faculty:

1. Panelist for "Hepatitis for Future" on world Hepatitis day 2020. Poornima University, Jodhpur School of Public Health (JSPH) India chain, 1st Aug 2020. (Online)

Research Project:

Ongoing:

As Principal Investigator

1. Viral load estimation & T cell counts in predicting severity of COVID-19. Intramural project, AIIMS Jodhpur.
2. A Pilot study to evaluate the detection of novel coronavirus SARS-Cov2 in salivary specimen for diagnosis of COVID-19, Intramural project, AIIMS Jodhpur.
3. Expansion of antimicrobial stewardship (AMSP) and infection control program (ICP) of ICMR in secondary care hospitals. Extramural funded, ICMR-Pfizer.
4. Seroepidemiology, maternal immune status and missed diagnosis of pertussis among young infants in India - a multicentric study. Extramural funded, DBT
5. Translation Research Team for Technology development. TDCRG (Technology Development Clinical Research Group). Extramural funded.

As Co-Investigator

1. Unique, simple and rapid method of RNA extraction to detect COVID-19 by RT-PCR. Intramural funded project, AIIMS Jodhpur
2. To assess the various imaging features of COVID 19 on computed tomography scan in moderate or severely symptomatic patients. Intramural non-funded, AIIMS Jodhpur
3. Incidence Risk Factor and outcome of cardiac involvement in COVID 19 infected patients. Intramural non-funded, AIIMS, Jodhpur
4. A study of assessment of thyroid adrenal and prolactin function in covid 19 patients in a tertiary care hospital. Intramural project, AIIMS, Jodhpur
5. Advanced photo catalytic Oxidation, conveyer (APCOC) System based on UV Light & Metal Oxide nanoapastocker developed by IIT Jodhpur. Extramural project, IIT Jodhpur
6. Outcome of COVID 19 patients on antihypertensive. Intramural non-funded, AIIMS Jodhpur
7. Predicting COVID-19 Morbidity and Mortality through Epidemiological modelling: A data Mining Approach. Intramural non-funded, AIIMS Jodhpur
8. Clinical Outcomes and Prediction of Severity in Adult COVID-19 patients admitted in tertiary care hospital in Western Rajasthan. Intramural non-funded, AIIMS, Jodhpur
9. Viral RNA Shedding and Transmission Potential of Asymptomatic and Paucisymptomatic COVID-19 infections. Load estimation & T Cell counts in predicting severity of COVID-19. Intramural project, AIIMS, Jodhpur

10. Evaluation of alteration in haemostatic and thrombotic milieu and its correlation with disease severity in COVID Patients. Intramural non-funded, AIIMS, Jodhpur
11. To study the role of Hydroxychloroquine alone or in combination with Azithromycin for prevention of inflammation and organ failure in patient suffering from COVID-19infection (NK1). Extramural project, SERB
12. Effectiveness of awake self proning strategy in COVID-19 An open labelled randomized controlled trail.Intramural non-funded, AIIMS, Jodhpur
13. Convolutional Neural Network, based Model with Transfer learning approach for detection on COVID-19 using Chest X Rays. Intramural non-funded, AIIMS Jodhpur
14. Cytokine Profile mapping for severity assessment of COVID-19. Intramural project, AIIMS Jodhpur
15. Analysis of Trace Elements Compliment Factors and Coagulation Profile in Clinical Outcome of COVID-19 patients a prospective case control study. Intramural project, AIIMS Jodhpur
16. Risk factors for developing Symptomatic COVID-19 as compared to asymptomatic SARS Cov 2 infection in Jodhpur.Intramural non-funded, AIIMS Jodhpur
17. Status of Sero positivity among asymptomatic front line workers, during the lockdown period die to COVID-219 pandemic in Jodhpur.Intramural project, AIIMS Jodhpur
18. A Study of Assessment of Thyroid, Adrenal and Prolactin Functions in COVID-19 Patient in a Tertiary Care Hospital. Intramural non-funded project, AIIMS Jodhpur
19. Effectiveness and suspected adverse effects of chloroquine/hydroxychloroquine in COVID -19 positive patients A prospective observational study. Intramural non-funded project. AIIMS Jodhpur.
20. Convolutional Neural Network, based Model with Transfer learning approach for detection on COVID-19 using Chest X Rays. Intramural project, AIIMS Jodhpur
21. An International randomised trial of additional treatment of COVID-19 in hospitalised patients who are all receiving the local standard of case, WHO COVID case project.Extramural project, WHO
22. Evaluation of Efficacy and Safety of Ayurveda Intervention (Ayush-64) add on therapy for patients with COVID-19 infection (Stage I)- An open labelled Parallel Group Randomized controlled clinical trial. Extramural project
23. Clinical characteristics and virological clearance among SARS CoV-2 infected patients in India- An observation study of COVID-19 patient hospitalised in the same area. Intramural project, AIIMS Jodhpur
24. Risk factors for SARS COV-2 Infection among health care workers in India- A case Central study. Extramural project, WHO
25. Molecular and serological techniques to detect DENV and CHIKV in suspected dengue virus syndrome patients: A pilot study. Intramural project, AIIMS Jodhpur

Scientific Awards/Patents

1. Member, Ethics and Medical registration Board, National Medical Commission. from 25th September 2020
2. Prof. U C Chaturvedi oration award -2021. XVII UP-UK Association of Medical Microbiologist Chapter of IAMM 2020-21.Oration topic: From Cholera epidemic (1993) to Corona pandemic (2020): Journey and realization of a Microbiologist. In recognition of an outstanding contributions to Microbiology.23rd March 2020
3. COVID Warrior: falicitation. On doctor's day by Satyamev Citizen Society, Jodhpur, 1st July 2020
4. A kit for RNA extraction to detect COVID-19 by RT-q PCR and methods thereof.The patent application no. is 202011020968, dated 19th May 2020

Examinership

1. MD Examiner Paper Setting 2020.KGMU Lucknow

2. MD Examiner Paper Setting 2020. AIIMS Delhi
3. MD Examiner Paper Setting 2020. AIIMS Jodhpur
4. MBBS Exam Paper Setter 2020. AIIMS Nagpur
5. Nursing Examiner 2020. Paper setter (MCQ)
6. MD Thesis Evaluation. AIIMS Raipur, Oct 2020
7. MD Examiner Paper setting, AIIMS Rishikesh 2020
8. Expert for selection of Faculty Microbiology, AIIMS Jodhpur, Oct. 2020
9. MD Examiner Thesis evaluation. AIIMS Raipur, 2020
10. MD Examiner. LHMC New Delhi, Delhi University – Thesis evaluator
11. MBBS Examiner 2020 batch. AIIMS Jodhpur
12. Subject Expert for PDCC. AIIMS, Jodhpur, Sept 2020
13. MD Examiner Paper setter. KGMU, Lucknow, 2021
14. MD Examiner Paper setting 2021. AIIMS Delhi
15. MD Examiner Thesis Evaluation 2021. AIIMS Delhi
16. MD Examiner Paper setting 202. AIIMS Rishikesh
17. National Board of Examination (NBE) question bank contribution for DNB 2020.

Membership/Post in Journal or Society or Association:

1. 1.Member; Ethics and Medical registration Board, National Medical Commission, from 25th September 2020.
2. President; Rajasthan Chapter of Indian Academy of Tropical Parasitology
3. Member; IAPEN – The Indian Association for Parenteral & Enteral Nutrition

Any other information:

1. Mentor; Early Career Fellowship, Wellcome Trust/DBT India Alliance, to Dr. Shankar Manoharan Assistant Professor, IIT Jodhpur on his Early Career Fellowship. On bioinformatics based analyses for identification of regulatory RNAs in *Klebsiella pneumoniae*
2. Principal Coordinator and Mentor for SARS Cov-2 RT-PCR Labs, Mentor Institute AIIMS, Jodhpur, for Rajasthan & Gujarat- Mentored RT-PCR Labs for SARS CoV-2 testing. Under ICMR.COVID Activities (Gujarat 118; Govt. 55, Pvt 63; Rajasthan: 78; Govt. 40, Pvt. 38).

National/ International Conferences attended:

1. XVII UP-UK, MICROCON 2021. (e-conference) Theme: “Epidemic Prone Infectious Diseases of Relevance in Current Scenario”. Department of Microbiology, AIIMS, Rishikesh, 22nd-23rd March 2021. (Online)
2. Stake holders meeting on diagnosis of cystic echinococcosis in humans. As a part of XIV annual conference of IATP, TROPACON 2020. 29th Dec 2020. (Online)
3. AMR Master Webinar. Antimicrobial Stewardship in Pandemic times: rate of diagnostic data surveillance, now & beyond. Real world Experience. 29th July 2020.
4. HAI/IPC project under CDC- Lab diagnosis of diphtheria & pertussis. CMC, Vellore Virtual training, 3rd-6th Aug 2020. (Online)

Name of Faculty : Dr. Anuradha Sharma

Designation: Professor

Papers Presented:

1. Multidrug-resistant pathogens: The ‘trojan horse’ for mortality in COVID-19 affected patients. Poster in CIDSCON 2020. (Online)

2. Profile of Candidemia from a tertiary care center of Western Rajasthan. Poster in Mycocon 2021. (Online)
3. Profile of Invasive Fungal Infections from tissue biopsy samples from a tertiary care center of Western Rajasthan. Poster in MICRO-D-CON 2021. (Online)

Research Projects:

Ongoing:

As Principal Investigator

1. Establishing a Network of labs for Fungal Diagnosis and Research Facility in India through the VRDL Network. Extramural funded. ICMR

As Co-Investigator

1. Hospital Based Sentinel Surveillance of *Streptococcus pneumoniae* and other invasive bacterial diseases (HBSSPIBD).
2. Global Health Research (NHS & Wellcome Trust) on Antimicrobial Resistance with Whole Genome Sequencing with CRL, KIMS, Bangalore.
3. ICMR Grant project on AMR (Antimicrobial Resistance) Surveillance.
4. ICMR Grant project on AMSP (Antimicrobial stewardship Program).
5. Burden of multidrug resistant neonatal sepsis in district hospital settings in India.

Completed:

As Principal Investigator

1. To survey healthcare workers (HCW) on awareness and challenges with the infection prevention and control (IPC) practices during COVID – 19 pandemic.
2. Multidrug-resistant pathogens: The 'trojan horse' for mortality in COVID-19 affected patients.

Scientific Awards/Patents

1. ISHAM Certification Course on Diagnostic Medical Mycology, August 2020

Examinership

1. Internal Examiner for M.D. Examination. AIIMS Jodhpur, December 2020

Membership/Post in Journal or Society or Association:

1. Executive Member; Western India of ISMM (Indian Society of Medical Mycology) 2020,
2. Member; IDSA, ISHAM, IAMM, APCRI, IBSC (IIT Jodhpur)

National/ International Conferences attended:

1. Scientific Writing and Research Ethics. India Alliance, 19th September 2020. (Online)
2. Several webinars of BD Masterclass. (Online)

Name of Faculty: Dr. Ashwini Agarwal

Designation: Additional Professor

Resource Faculty:

1. Biological warfare agents. Chemical Biological radiological Nuclear Explosive (CBRNE) course organized by IGNOU, 2nd- 3rd March 2021, AIIMS Jodhpur.

2. Biomarkers in sepsis and its role in infectious diseases, Master PHD Medical Technology candidates (MMT) course; 18th March 2021, AIIMS Jodhpur.

Any other information:

1. National TB Elimination Program (NTEP) Certification of Line probe assay (LPA) for FL and SL drugs in Rajasthan.

Research Project:

Ongoing:

As Principal Investigator

1. Validation of rapid antigen kits for SARS-CoV-2 diagnosis. Extramural funded, ICMR.
2. Establishing a Network of labs for Fungal Diagnosis and Research Facility in India through the VRDL Network. Extramural funded, ICMR

As Co-Investigator

1. Capacity Building and Strengthening of Hospital Infection Control to Detect and Prevent Antimicrobial Resistance in India. Extramural funded, CDC-ICMR, AIIMS New Delhi.
2. Vaccine preventable disease surveillance. Extramural funded, World Health Organization.

Scientific Awards/Patents

1. Commonwealth Professional Fellowship in Clinical Microbiology & Infectious Disease. London North West University Healthcare NHS Trust, London, 1st Mar 2020-12th May 2020.

Examinership

1. Internal Examiner, 2nd Professional M.B.B.S. Examination, AIIMS Jodhpur, 18th-20th Dec 2020.
2. Internal Examiner, 2nd Professional M.B.B.S. Supplementary Examination, AIIMS Jodhpur, 01st Mar 2021.

National/ International Conferences attended:

1. eMICROCON 2020. IAMM, 8th-10th Dec 2020. (Online)
2. Elek's immunoprecipitation technique for confirmation of *Corynebacterium diphtheria*. Department of Microbiology, CMC Vellore, 9th February 2021. (Online)

Name of Faculty : Dr. Ravisekar Gadepalli

Designation: Additional Professor

Resource Faculty:

1. Protocol Design and Introduction to Evidence Based Medicine for PG and PhD Students, AIIMS Jodhpur, 23rd - 24th September 2019.

Research Projects:

Ongoing:

As Principal Investigator

1. Unique, Simple and Rapid method of RNA extraction to detect COVID-19 by RT-q PCR. Intramural Project, AIIMS Jodhpur.

2. Viral RNA Shedding and Transmission Potential of Asymptomatic and Paucisymptomatic COVID-19 Infections. Intramural Project, AIIMS Jodhpur.
3. Molecular and serological techniques to detect DENV and CHIKV in suspected dengue-like syndrome patients: A pilot Study, Intramural project, AIIMS Jodhpur.

Scientific Awards/Patents

1. A kit for RNA extraction to detect COVID-19 by RT-qPCR and method thereof. Patent No: 202011020968, published on 26th June 2020

Examinership

1. External Examiner-2020.2nd professional MBBS Examination (RUHS, Rajasthan), Dr. S.N Medical College, Jodhpur.
2. Internal Examiner for PG (Microbiology) Examination 2017 batch. AIIMS, Jodhpur
3. Internal Examiner for BSc Nursing Examination 2019-20 batch. AIIMS, Jodhpur

Membership/Post in Journal or Society or Association

1. Assistant Dean; Recruitment Cell and Examination cell AIIMS, Jodhpur
2. Reviewer; Indian Journal of Medical Microbiology
3. Reviewer; Indian Journal of Physiology & Pharmacology
4. Reviewer; Journal of Clinical and Diagnostic Research
5. Reviewer; Journal of Research in Medical and Dental Science
6. Reviewer; Journal of Medical Virology
7. Reviewer; Journal of Infectious Disease in Developing Countries
8. Reviewer; Journal of Biochemei
9. Reviewer; Clinical Infectious Diseases (CID) (IDSA)
10. Reviewer; Open Forum for Infectious Diseases (OFID)
11. Reviewer; Journal of Medical Microbiology (JMM)
12. Reviewer; Platelets
13. Editorial Member; Journal of Mycology and Virology

Any other information:

1. Nodal Laboratory and person for the (H5N1 and H5N8) Laboratory preparedness for testing suspect human samples of avian influenza for the state of Rajasthan
2. Subject expert for 3rd Rajasthan Chapter for Indian Association Tropical Parasitology held on 5th and 6th April 2019, Jodhpur, Rajasthan
3. Deputed in Central Rapid Response team to Gujarat state (Ahmedabad) to support and facilitate implementation of preparedness measures for COVID-19 for a week from 23rd to 30th March 2020.

Name of Faculty : Dr. Vibhor Tak

Designation : Associate Professor

Papers Presented:

1. Beg N, Tak V, Nag VL. A pilot study on prevalence of nitrimdazole refractory human giardiasis from a tertiary care centre from Rajasthan India. AIIMS-ASM 2020, 7th-8th September 2020, India, AIIMS New Delhi & American Society of Microbiology. (Online)

2. Sharma K, Tak V, Nag V, Bhatia P, Kothari N. An Observational Study on Carbapenem Resistant Enterobacteriaceae (CRE) colonization and subsequent risk of infection in adult ICU patients. FIS/HIS Conference 2020, 9th-11th November 2020, UK based Federation Infection Society & Hospital Infection Control society UK. (Online)
3. Sharma K, Tak V, Nag V, Bhatia P, Kothari N. A Pilot Study on Carbapenem Resistant Enterobacteriaceae (CRE) colonization and subsequent risk of infection in adult ICU patients. E-MICROCON 2020, 8th-11th December 2020, Indian Association of Medical Microbiologists. (Online)

Research Project:

Ongoing:

As Principal Investigator

1. Emerging drug resistance in community-acquired urinary tract infection and molecular insights into dynamics of resistance traits in Indian isolates: A multi-centric cross sectional study. ICMR. AIIMS New Delhi.
2. Evaluation of antiviral activity of a natural phytoconstituents based mouthwash- BITS Pilani, Hyderabad Campus.

As Co-Investigator

1. Capacity building and strengthening of hospital infection control to detect and prevent antimicrobial resistance in India. CDC. AIIMS New Delhi- ICMR.
2. All India Institute of Medical Sciences Jodhpur: Regional center for antimicrobial resistance surveillance network. ICMR.
3. Initiating antimicrobial stewardship activities in hospitals in India- ICMR.
4. Expansion of antimicrobial stewardship (AMSP) and infection prevention and control program (ICP) of ICMR in secondary care hospitals. ICMR.

Completed:

As Co-Investigator:

1. Role of Inflammatory Marker, Atypical Bacterial Infection and Vitamin D3 Level in Recurrent Wheezing in Children under Five Years of Age: A Prospective Case Control Study. AIIMS Jodhpur.
2. Epidemiology of community and hospital acquired urinary tract infection of patients attending Urology OPD in AIIMS Jodhpur. AIIMS Jodhpur.

Examinership

1. DMLT. SN Medical College, Jodhpur, 9th August 2020
2. M.B.B.S. JLN Medical College, Ajmer, 17th-19th September 2020
3. M.B.B.S. SN Medical College, Jodhpur, 22nd-24th September 2020
4. M.B.B.S. Government Medical College, Kota, 25th-27th September 2020
5. M.B.B.S. Supplementary. SN Medical College, Jodhpur, 26th November 2020
6. M.B.B.S. Supplementary. Government Medical College, Kota, 28th November 2020

National/ International Conferences attended:

1. AIIMS-ASM 2020. 7th-8th September 2020. AIIMS New Delhi & American Society of Microbiology. (Online)

Name of Faculty : Dr. Sarika P. Kombade
Designation : Assistant Professor

Books/Chapters:

1. Kombade S, Kaur N. Pathogenicity Island in Salmonella. In: Salmonella-a challenge from Farm to Fork, Alexandre Lamas, Intech open Ltd. London, 2021; DOI:10.5772/intechopen.96443.

Papers Presented:

1. Poster –Kombade S, Nag VL. Multidrug resistance in Acinetobacter spp. In tertiary care hospital, western Rajasthan–IAMM e- MICROCON, December 2020. (Online).
2. Poster-Kundu A, Kombade S, Nag VL.To study the profile of aerobic and anaerobic isolates in deep seated infections in patients attending a tertiary care hospital in Western Rajasthan. IAMM e-MICROCON, December 2020. (Online)

Invited Lectures:

1. Bio-medical waste management in COVID-19 pandemic under Infection Control Prevention, Webinar on SAARC countries in COVID Pandemic. 25th June 2020, AIIMS Jodhpur. (Online)

Resource Faculty

1. Biologicalwarfare agents.Chemical Biological Radiological Nuclear Explosive (CBRNE) course organized by IGNOU, 2nd - 3rd March 2021, AIIMS Jodhpur.
2. Biomarkers in sepsis and its role in infectious diseases, Master PHD Medical Technology candidates (MMT) course, 18thMarch 2021, AIIMS Jodhpur.

Research Project:

Ongoing:

As Principal Investigator

1. Study of Clostridium difficile infection in patients with antibiotic associated diarrhoea in hospitalized patients in tertiary care center at AIIMS Jodhpur. AIIMS Jodhpur.
2. Impact of conducting hand hygiene audit in COVID-19 care locations of India—A large scale national multicentric study. Collaborating Institute: JIPMER Puducherry
3. A multi-centric study of the epidemiology, virulence determinants, antifungal resistance pattern and whole genome sequencing of Candida species causing recurrent vulvovaginal candidiasis. Collaborating Institute - AIIMS Delhi, Funding Agency-DBT-Application submitted

As Co-Investigator

1. Regional level Viral Research and Diagnostic Laboratory. DHR, ICMR.
2. Strengthening of laboratory capabilities of AIIMS Jodhpur for diagnosis & control of rabies in Rajasthan, India. NCDC.
3. Hospital based surveillance of Streptococcus pneumoniae and other invasive bacterial diseases. ICMR, New Delhi
4. Seroepidemiology, maternal immune status and missed diagnosis of pertussis among young infants in India-a multicentric study. DBT-ICMR- NIV

5. Effectiveness of Covaxin and Covishield vaccines against severe COVID-19 in India, 2021: Multicentric hospital based test-negative case control study. NIV-ICMR
6. Profile and treatment outcome of patients presenting with urethritis at AIIMS, Jodhpur: A Prospective Study.
7. Comparison of cervico-vaginal microflora in infertile vs asymptomatic healthy parous women.

Completed:

As Principal Investigator

1. Study of bacterial and fungal infections in patients with chronic suppurative otitis media in tertiary care hospital, Western Rajasthan.
2. Clinico-mycological profile of vulvovaginal candidiasis in a tertiary care hospital, western Rajasthan. STS project
3. A study to assess `Knowledge, attitude and practices of healthcare workers on use of personal protective equipment's in regards to COVID-19.

Membership/Post in Journal or Society or Association

1. Life Member; Society for Indian Human and Animal Mycologists
2. Life Member; Indian Academy of Tropical Parasitology.
3. Life Member; Indian Association of Mycoplasmaologist.
4. Annual Member of European Society of Clinical Microbiology & Infectious Disease (ESCMID) 2020-21.
5. Annual member; American Society for Microbiology 2021.

National/ International Conferences attended:

1. First Virtual IAMM, E- MICROCON 2020 Conference and CME Workshop. Sir Ganga Ram Hospital, New Delhi under Indian Association of Medical Microbiologists, 8th-11th December 2020. (Online)
2. International Webinar under Anaerobic Forum India on the theme of "Anaerobes: Microbes of the Millennium. All India Institute of Medical Sciences, New Delhi and American Society for Microbiology, 4th-5th March 2021. (Online)

Name of Faculty : Dr. Vidhi Jain
Designation : Assistant Professor

Papers Presented:

1. e-poster-cum-oral presentation. Jain V, Nare T, Sharma A, Agarwal A. Profiling fungal pathogens causing skin and soft tissue infections presenting to a tertiary care centre of Western Rajasthan. MYCOCON 2021 Virtual Conference, 4th Masterclass and International Virtual Conference of Fungal Infectious Study Forum (FISF), 26th -28th March 2021. (Online)

Invited Lectures

1. Lecture titled "Personal protective equipment for COVID-19: An Indian perspective", Infection prevention and control, Bio-medical waste management in COVID pandemic situation, Webinar for

SAARC countries, under the Indian Technical and Economic Cooperation Program, Ministry of External Affairs, Government of India. 25th June 2020. (Online)

Research Project:

Ongoing:

As Principal Investigator

1. Status of Sero-positivity among Asymptomatic Frontline Workers during the Lockdown Period due to COVID-19 Pandemic in Jodhpur. Intramural grant, AIIMS Jodhpur

As Co-Investigator

1. Emerging drug resistance in community-acquired urinary tract infection and molecular insights into dynamics of resistance traits in Indian isolates: A multi-centric cross-sectional study. Funding:ICMR
2. Expansion of antimicrobial stewardship (AMSP) and infection prevention and control program (ICP) of ICMR in secondary care hospitals. Funding: ICMR-Pfizer
3. Establishment of Consortium for One Health to address zoonotic and transboundary diseases in India, including the Northeast region. Department of Biotechnology, GoI
4. WHO Unity study: Assessment of risk factors for Coronavirus disease 2019 (COVID-19) in healthcare workers: protocol for a case-control study. Funding:WHO
5. Establishing a Network of labs for Fungal Diagnosis and Research Facility in India through the VRDL Network. ICMR

Completed:

As Principal Investigator

1. Assessment of Quality Improvement Initiatives for Infection Control in AIIMS Jodhpur. Non-funded

As Co-Investigator

1. A study to assess `Knowledge, attitude and practices of healthcare workers on use of personal protective equipment's in regards to COVID-19.

National/ International Conferences attended:

1. MYCOCON 2021 Virtual Conference. 4th Masterclass and International Virtual Conference of Fungal Infectious Study Forum (FISF). 26th -28th March 2021. (Online)
2. Workshop on Elek's immunoprecipitation technique for confirmation of Corynebacterium diphtheria. Department of Microbiology, CMC Vellore, 9th February 2021. (Online)
4. Virtual Micro-D-Con 12th Annual Conference of IAMM Delhi Chapter. 29th-30th January 2021. (Online)
5. Pre-conference CME "Zoonotic Diseases- Is the threat real" held during Virtual Micro-D-Con 12th Annual Conference of IAMM Delhi Chapter on 28th January 2021. (Online)
3. Preconference workshop of Micro-D-Con titled "Non-culture-based diagnosis of fungal infections", ILBS, New Delhi, 27th January 2021. (Online)
4. 10th Annual Conference of Clinical Infectious Diseases Society (CIDSCON 2020) held online from 21st- 29th November 2020. (Online)
5. Online NTEP training in Line probe assay for molecular detection of drug resistance in Mycobacterium tuberculosis for first and second line drugs, organized by National Tuberculosis Institute, Bangalore, 25th -30th August 2020. (Online)

6. Infection prevention and control, Bio-medical waste management in COVID pandemic situation, Webinar for SAARC countries, under the Indian Technical and Economic Cooperation Program, Ministry of External Affairs, Government of India, 25th June 2020. (Online)

Name of Faculty : Dr. Kumar S Abhishek
Designation: Assistant Professor
(DOJ: 25/01/2021)

Any other information:

Recognition:

1. The R-VRDL lab of AIIMS Jodhpur recognized as the Nodal Person Mentoring Institution for COVID - 19 testing for Rajasthan & Gujarat, Nodal Laboratory for the (H5N1 and H5N8) and designated for laboratory preparedness for testing suspect human samples of avian influenza for the state of Rajasthan. The Regional Level Viral Research & Diagnostic Laboratory (R-VRDL) mentored various smaller laboratories in setting up COVID-19 diagnostics in Rajasthan and Gujarat.



Faculty mentors and participants during R-VRDL mentoring sessions

The Regional Level Viral Research & Diagnostic Laboratory (R-VRDL) team provided quality control assessment of various labs for COVID-19 diagnostics in Rajasthan and Gujarat

The TB lab received certification for first and second line LPA (Line probe assay) under National tuberculosis elimination program (NTEP) awarded by National Tuberculosis Institute (NTI) Bangalore in February 2021.

Department of Neonatology

S.No.	Name	Designation
1	Dr. Arun Kumarendu Singh	Professor & Head
2	Dr. Neeraj Gupta	Additional Professor
3	Dr. S. Thanigainathan	Assistant Professor
4	Dr. Sushil Choudhary	Assistant Professor

About the Department

The Department of Neonatology is active in the area of developing and refining neonatal understanding, expanding knowledge with a questioning mind, believing in interdisciplinary approach, investing in research which could benefit the public health and impart a holistic learning which would help students to establish quality neonatal care across India. The department has been providing neonatal services right from its early years of inception and the department is running the DM (Neonatology) course successfully with the first batch of trainees passing out in 2021. We have four faculty members in the department. We are now having 24-bedded NICU which includes step down area, isolation room and COVID NICU. The department delivers 24 hours resuscitation care, delivery room care, inpatient and outpatient care. The Department of Neonatology has, well equipped neonatal intensive care unit (NICU), postnatal ward and follows up clinic for high-risk infants to ensure the post discharge continuum of care. Department is in the process of establishing Early Intervention Centre (EIC) and Comprehensive Lactation Management Centre (CLMC).

In the last one year the department delivered services to approximately 1700 inborn neonates. Around 324 neonates got admitted in NICU. Approximately 400 infants attended the 'high risk clinic' during the same time period. Our neonatal mortality rate ranges from 9 – 10 per 1000 live birth. The number of NICU beds have increased from six to 24 beds over the last 15 months. Most of the time (>95%), our NICU is running with 100% bed occupancy rate. The formal 'Neonatal Nursing Course' of one-year duration has been sanctioned and its first batch of nursing officers will be taken from Jan 2022 onwards. This will act as a catalyst in improving neonatal nursing care across nation. This will be a unique course which does not exist anywhere in our country till date. This is the referral center for western Rajasthan, receives sicker babies who require advanced neonatal care and complicated babies who require extensive evaluation and sophisticated investigations.

Compiled list of Publications of the department:

Papers

Pubmed Indexed:

- Mukherjee S, Bulsara JS, Das MK, Waratakar Y, Saha AK, Dubey S, Mehta P, Gupta B, Singh AK; for Indian Delayed Cord Clamp Study Group. Is Delaying Cord Clamping until Placenta Delivery Beneficial? Oxygen Saturation and Heart Rate Transition during the Initial 5 Minutes after Delivery in Indian Healthy Newborns. *Am J Perinatol.* 2020 Jun;37(7):738-744.
- Das M K, Seth S, Singh AK et al. Promoting family integrated early child development (during first 1000 days) in urban slums of India (fine child 3- 3- 1000): Study protocol.March 2020. *Journal of Advanced Nursing* 2020. DOI: 10.1111/jan.14384.

3. Gupta N, Bruschetti M, Chawla D. Fluid restriction in the management of transient tachypnea of the newborn. *Cochrane Database Syst Rev.* 2021 Feb 18;2:CD011466.
4. Chandrasekaran A, Deorari AK, Gupta N, Murki S, Sankar MJ, Sivanandan S. Noninvasive Respiratory Support for Newborns. *Journal of Neonatology.* 2020;34(3):118-152.
5. Sasidharan R, Gupta N, Toteja N, Yadav B. Diagnosing nail-patella syndrome: can it be so simple? *BMJ Case Rep.* 2021 Mar 10;14(3):e241833.
6. Thanigainathan S, Abiramalatha T. Early fortification of human milk versus late fortification to promote growth in preterm infants. *Cochrane Database of Systematic Reviews* 2020, Issue 7. Art. No.: CD013392..
7. Abiramalatha T, Thomas N, Thanigainathan S. High versus standard volume enteral feeds to promote growth in preterm or low birth weight infants. *Cochrane Database Syst Rev.* 2021 Mar 9;3(3):CD012413.
8. Thanigainathan S, Kaliyaperumal V, Sivanandan S. et al. Is SARS-CoV-2 Transmitted through breastfeeding? *Indian J Pediatr.* 2021; 88: 800-1.
9. Thangaraj, Abiramalatha & Ramaswamy, Viraraghavan vadakkencherry & Bandyopadhyay, Tapas & Pullattayil S., Abdul Kareem & Trevisanuto, Daniele, Thanigainathan,, Sivam, Roehr, Charles. Delivery room interventions for hypothermia in preterm neonates: A systematic review and network meta-analysis. *JAMA Pediatrics.* 2021; 10.1001/jamapediatrics.2021.0775.
10. Singh BK, Bandyopadhyay T, Choudhary SK. Clinico-epidemiological profile and outcomes of babies with neural tube defects in a tertiary care center in Northern India. *J Matern Fetal Neonatal Med.* 2021; 13:1-6.
11. Choudhary R, Choudhary SK, Sachdeva G. Phenomenal role of nitroglycerin in the treatment of neonatal digital gangrene. *Indian journal of pediatric Dermatology.* 2021; 22:162-4.

Name of Faculty: Dr. Arun Kumarendu Singh

Designation: Professor & HOD

Books/Chapters

1. Guiding Companion for Early Childhood Development (ECD) Call Center for MOHFW, GOI
2. Guidelines for Autistic Spectrum Diseases in children New Delhi, RBSK, MOHFW, India.
3. Guidelines for Attention Spectrum Disorder in children New Delhi, RBSK, MOHFW, India.
4. Cerebral Visual Impairment, Dr. Arun Singh, First, New Delhi, RBSK, MOHFW, India.
5. Comprehensive newborn screening, handbook for screening functional birth defects at all delivery points, Dr. Arun Singh, First, New Delhi, RBSK, MOHFW, India.

Invited Lectures

1. Covid: The facts and the mystery. Dr KC Chaudhuri Oration, Indian Academy of Pediatrics Webinar, 15th August 2020. (Online)
2. Managing Healthcare Crisis and Seeking Innovative Solutions. Centre for Innovations in Public Systems, Hyderabad, 15th April 2020. (Online)

Symposium Speaker

1. Shaping the future of life: Challenges of providing a Healthy Environment for children. Oration for International Health Conclave 2021, Dr. B.C. Roy Oration, Webinar Session, 7th March 2021. (Online)
2. Developing Neonatal Care in India. Guest speaker at AIIMS Kalyani, 10th March 2021.

3. Nature and Nurture: 1000 days- The critical period for emergence of Autism and Autistic Spectrum Disorders, AIIMS Bhubaneswar, 2020

Research Project:

Ongoing:

As Principal Investigator:

1. Mitochondrial dysfunction in children due to heat stress, a potential cause of acute encephalitis syndrome. AIIMS JODHPUR, ICMR. Collaborating Institute: SK Medical College Hospital, Muzaffarpur, Institute of Genomics & Integrated Biology, New Delhi and IIT Delhi.

Name of Faculty: Dr. Neeraj Gupta

Designation: Additional Professor

Books/Chapters

1. Sibai B, Wallace C and Gupta N. Preeclampsia and Related Conditions. In: Cloherty And Starks Manual Of Neonatal Care SAE, Eric C Eichenwald, Anne R Hansen, Camilia R Martin, Ann R Stark (ed.), Naveen Jain (SAE), 1st SAE, Wolters Kluwer 2020, 35-47.
2. Gupta N, Yadav B. Neonatal Ascites. In: IAP NNF Textbook of Neonatology, Ranjan Pejaver, Dr Rhishikesh Thakre (ed.), 1st edition, New Delhi, Jaypee Brothers Medical Publishers (P) Ltd. 2020, 177-185.
3. Vyas V, Gupta N. Neonatal Thyrotoxicosis. In: IAP NNF Textbook of Neonatology, Ranjan Pejaver, Dr Rhishikesh Thakre (ed.), 1st edition, New Delhi, Jaypee Brothers Medical Publishers (P) Ltd. 2020, 600-605

Papers Presented:

Author

1. Gupta N, Yadav B, Sasidharan R, Tak V, Sharma A, Singh AK, Nag V. Emergence of burkholderia cepacia complex sepsis among neonates: A retrospective cohort study. The 10th Congress of the World Federation of Pediatric Intensive and Critical Care Societies (WFPICCS 2020 Virtual Congress), 1st-4th Dec 2020. (Online)
2. Gupta N, Yadav B, Sasidharan R, Tak V, Sharma A, Singh AK, Nag V. Emergence of extensively drug-resistant (xdr) gram-negative sepsis among neonates: A retrospective cohort study. The 10th Congress of the World Federation of Pediatric Intensive and Critical Care Societies (WFPICCS 2020 Virtual Congress), 1st-4th Dec 2020. (Online)
3. Gupta N, Yadav B, Sasidharan R, Tak V, Sharma A, Singh AK, Nag V. Alarming rates of multi-drug resistant organisms and systemic fungal sepsis among outborn neonates: a hair-raising data from a tertiary care neonatal unit in western India. The 10th Congress of the World Federation of Pediatric Intensive and Critical Care Societies (WFPICCS 2020 Virtual Congress), 1st-4th Dec 2020. (Online)

Co-author

1. Yadav B, Gupta N, Sasidharan R, Purohit P, Singh A, Singh K, Sharma P. 800 IU/day versus 400 IU/day of oral vitamin D₃ supplementation in healthy, term breastfed infants: A randomized controlled trial. The 8th congress of European Academy of Pediatric Societies (EAPS), 16th- 20th October 2020, Barcelona. (Online)

2. Yadav B, Gupta N, Sasidharan R, Purohit P, Singh A, Singh K, Sharma P. 800 IU/day versus 400 IU/day of oral vitamin D₃ supplementation in healthy, term breastfed infants: A randomized controlled trial. IAP Neocon, 3rd -4th October 2020 (Online)
3. Yadav B, Gupta N, Sasidharan R, Sharma A, Nag VL, Singh AK, Singh K. Alarming rates of antimicrobial resistance among neonates: A hair-raising data from a tertiary care neonatal unit in Western India. The 8th congress of European Academy of Pediatric Societies (EAPS), Barcelona. 16th -20th October 2020. (Online)

Invited Lectures

1. Jury member for Oral paper Presentation. PG Paper Presentation, North Zone Pedicon, 2nd Sep 2020. (Online)
2. Perinatal Asphyxia. National Newborn Week, MOHFW, GOI, 21st November 2020. (Online)
3. Evidence of Use of CPAP. Preterm Course, National Neonatology Forum (NNF), 21st Oct 2021. (Online)
4. Perinatal Asphyxia. National Newborn Week, MOHFW, GOI, 21st November 2020. (Online)
5. Management of Perinatal Asphyxia. Raj Pedicon & North Zone E- Pedicon 2020, digital Indian Academy of Paediatrics (dIAP), 21st -22nd Nov 2020. (Online)
6. Care of LBW Infant Series (Three talks). Training for Enhancing Capacities for Neonatal Care (TECNeC), State NHM, Chhattisgarh & UNICEF, 11th -25th Feb 2021. (Online)
7. Management and Prevention of Neonatal Sepsis. Neonatology Master Classes: Series 1, Lucknow Neonatology Foundation & NARC, 28th March 2021. (Online)
8. Panel discussion on Critical Issues in Care of LBW infants. Digital Indian Academy of Pediatrics (dIAP), 6th Aug 2020. (Online).
9. Panel discussion on Perinatal Asphyxia. State Chapter of National Neonatology Forum, Maharashtra, 17th Oct 2020. (Online)

Resource Faculty:

1. Case Studies on Ventilation. Ventilation Workshop, National Neonatology forum (NNF), 24th -30th Dec 2020. (Online)

Research Project:

Ongoing:

As Principal Investigator

1. Outcome of infants born to COVID-19 positive mothers: A Prospective Cohort Study' Funded by AIIMS JDH & CSIR-IGIB
2. Iron Status in Healthy Term Breastfed Infants in Early Infancy: A Prospective Cohort Study. Funded by ICMR

As Co-Investigator

1. Burden of multi-drug resistant neonatal sepsis in district hospital settings in India. Funded by Bill & Melinda Gates foundation, AIIMS, Delhi.
2. Mitochondrial dysfunction in children due to heat stress: a potential cause for acute encephalitis syndrome.

Examinership

1. Third Professional Examination (Pediatrics) MBBS. Dr. S.N. Medical College, 19th -22nd April 2021

Any Other:

1. Appointed as one of the reviewer for 'Facility Based Neonatal Care' (FBNC) module by MOHFW, GOI, Dec 2020.
2. Appointed as one of the member of the Central Team to visit J K Lone Hospital and Medical College, Kota (Rajasthan) following media report of death of children, 12th Dec 2020.
3. Appointed Committee Member on Surfactant. Rajasthan Medical Services Corporation Limited (RMSCL), Rajasthan.

Name of Faculty : Dr. S. Thanigainathan

Designation : Assistant Professor

Books/Chapters

1. Thanigainathan S. Neonate Born to a Mother with Immune Thrombocytopenia. In: Textbook of Clinical Neonatology, Deorari A, First edition, New Delhi, Jaypee Brothers Medical Publishers (P) Ltd 2021: 400.

Invited Lectures

1. Optimizing nutrition in NICU. TN Neotalk. Dr. Mehta's multispecialty hospital, Chennai, 5th Jan 2021.

Resource Faculty:

1. Neonatal case presentation. TN Neotalk, Dr. Mehta's multispecialty hospital, Chennai, March 2021.

Research Project:

Ongoing:

As co-investigator

1. To study the effect of POCUS by neonatologist in management of neonatal shock in addition to conventional method – Before and After Trial. Funded by JIPMER, Puducherry
2. Administration of surfactant by modified InSurE Vs InSurE in preterm neonates with Respiratory Distress Syndrome – A Randomized Controlled Trial. Funded by JIPMER, Puducherry.
3. Anti- seizure medications for neonates with seizures – Systematic Review and Meta-analysis, Cochrane Neonatal Review.
4. Administration of surfactant by modified InSurE Vs
5. InSurE in preterm neonates with Respiratory Distress Syndrome – A Randomized
6. Controlled Trial
7. Administration of surfactant by modified InSurE Vs
8. InSurE in preterm neonates with Respiratory Distress Syndrome – A Randomized
9. Controlled Trial

Completed:

As Primary investigator

1. Stratified pooling strategy of donor human milk for improving nutritional quality for preterm enteral feeding – Descriptive study. JIPMER, Puducherry
2. Vertical transmission potential of COVID 19 infection and its fetal/neonatal outcome – Multi-centric Prospective observational study. JIPMER, Puducherry

As Co-investigator

1. The incidence of sepsis and its determinants among neonates admitted in level iii neonatal unit- a prospective observational study. JIPMER, Puducherry

Name of Faculty: Dr. Sushil Kumar Choudhary

Designation : Assistant Professor

Papers:

1. Singh BK, Bandyopadhyay T, Choudhary SK. Clinico-epidemiological profile and outcomes of babies with neural tube defects in a tertiary care center in Northern India. J Matern Fetal Neonatal Med. 2021; 13:1-6.
2. Choudhary R, Choudhary SK, Sachdeva G. Phenomenal role of nitroglycerin in the treatment of neonatal digital gangrene. Indian journal of pediatric Dermatology. 2021; 22:162-4.

Research Project:

Ongoing:

As Co-Investigator

1. Barriers and enablers to optimal breastfeeding practices in institutionalized recently delivered mothers during the COVID-19 pandemic (March – September 2020): India Country Office-World Health Organization. Ram Manohar Lohia Hospital New Delhi

Membership/Post in Journal or Society or Association

1. Member; National Neonatology forum

Department of Nephrology

S.No.	Name	Designation
1	Dr. Manish Chaturvedy	Additional Professor& Head
2	Dr. Nitin Kumar Bajpai	Associate Professor

About the Department:

The Department of Nephrology, at AIIMS Jodhpur serves as a tertiary-care center for providing treatment related to Kidney diseases. It provides services covering the gamut of clinical Nephrology including treating OPD patients, Inpatients, critical care Nephrology, acute kidney injury and patients of Chronic kidney disease. At present department is performing all nephrology procedures such as kidney biopsies, central venous catheterization both temporary and tunneled, Hemodialysis, continuous therapies, peritoneal dialysis both acute and CAPD. It is a recognized teaching center after the start of DM course since July 2018. Department started live related Renal Transplantation since August, 2019. AIIMS Jodhpur is the first centre to cater renal transplant facility in Western Rajasthan. The Department rendered its services for the management of patients with renal failure and post-transplant follow up during the SARS-CoV-2 pandemic with unbaiting services by providing teleconsultation for outpatient renal OPD patients, dialysis support both maintenance and continuous renal replacement therapy for critically ill patients.

Compiled list of Publications of the department:

Papers

Non Pubmed Indexed:

1. Singh J, Chaturvedy K, Chaturvedy M, et al. Comparison of low dose computed tomography with standard dose computed tomography for evaluation of urolithiasis. Int J Radio DiagImag2020; 3(4):92-97.

Name of Faculty : Dr. Manish Chaturvedy

Designation : Additional Professor& Head

Examinership

1. Examiner for recruitment exam for Assistant Professor Nephrology 2020. Rajasthan Public Service Commission, Ajmer (Rajasthan)

Membership/Post in Journal or Society or Association:

1. Executive Editor; Journal of The Indian Academy of Geriatrics
2. Member; International Society of Nephrology

Name of Faculty : Dr. Nitin Kumar Bajpai

Designation : Associate Professor

Membership/Post in Journal or Society or Association :

1. Member; International Society of Nephrology.
2. Member; American Society of Nephrology.
3. Member; European Renal Association.

Department of Neurology

S.No.	Name	Designation
1.	Dr Samhita Panda	Additional Professor & Head
2.	Dr Sucharita Anand	Assistant Professor (Contractual faculty)

About The Department:

The Department of Neurology has continued with the expansion of its academic program although outpatient and inpatient services were impaired due to the COVID pandemic. A new faculty member on contractual post, Dr. Sucharita Anand, joined the department on 8th January 2021. This year, four more candidates were inducted into the DM course in July 2020 and January 2021 taking the number of Academic Senior Residents to eight at the end of the year. Regular academic schedule including seminars, journal clubs, bedside presentations, Practice parameter/Approach sessions, neuroradiology sessions, neuropathology, neuropsychiatry and neurology-neurosurgery grand rounds were held regularly. Thesis protocols were submitted and work on the dissertations have been regularly updated. The outpatient and in-patient services were significantly affected by the ongoing COVID pandemic. However, telemedicine services were instituted in May 2021. Since then a total of 4596 new patients and 2446 old patients were seen in the OPD (inclusive of tele-neurology consultation and physically in OPD following COVID appropriate behavior). Around 366 patients were admitted in the wards for evaluation and management this year, a decrease of around 200 compared to the previous non-COVID year. Many patients have also been admitted from Emergency to the AICU as well as COVID wards and ICUs for various neurological problems. Strokes have been a major cause for admissions, especially in the COVID and post COVID scenario. A total of 252 stroke patients were admitted under Neurology alone of which 41 patients received intravenous thrombolysis and ten underwent mechanical thrombectomy in addition by the department of Diagnostic and Interventional Radiology. Nine patients underwent emergency decompressive craniectomies as a lifesaving procedure in stroke patients by the department of Neurosurgery. The Comprehensive Epilepsy Surgery Program at AIIMS, Jodhpur took a backseat due to COVID pandemic. Out of a total of 10 operated patients, 9 completed 1-year postoperative period and 8 are seizure free with Engel class I outcome. Botox injections for movement disorders were also given though services were curtailed due to COVID restrictions. Electrophysiology services have further expanded in the department providing services to both outpatients and inpatients amounting to total of 1392 tests. Up to 31st March 2021, 666 EEGs were done. In addition, 292 nerve conduction studies, 40 electromyography studies, 92 evoked potential studies and 18 repetitive nerve stimulation tests were done during the same period. Out of these, 234 bedside EEGs and 25 bedside nerve conduction studies were done. The non-invasive presurgical workup for drug resistant epilepsy included 10 video EEGs. The department was also involved in undergraduate and postgraduate teaching. Didactic lectures, integrated teaching sessions and unconventional learning classes were conducted for MBBS students in addition to clinical postings. Bedside classes were also taken for MD Medicine, Psychiatry and MCh Neurosurgery students posted in the department.

Publications from the Department of Neurology:**Pubmed Indexed:**

1. Gosal JS, Khatri D, Panda S, Bhaskar S, Das KK. Letter to the Editor: 'The Laughing Disease'-From Kuru to the Joker's Sinister Laugh and Madness. *World Neurosurg.* 2020 Aug;140:453-454. doi: 10.1016/j.wneu.2020.05.134. PMID: 32797971.
2. Vegda M, Panda S. Bupropion-Induced Dystonia in a Patient with Parkinson's Disease. *J Mov Disord.* 2020 Sep;13(3):241-243. doi: 10.14802/jmd.20046. Epub 2020 Aug 31. PMID: 32854484; PMCID: PMC7502294.
3. Sharma S, Panda S, Tiwari S, Patel A, Jain V. Chronic encephalopathy and locked-in state due to scrub typhus related CNS vasculitis. *J Neuroimmunol.* 2020 Jun 24;346:577303. doi: 10.1016/j.jneuroim.2020.577303. Epub ahead of print. PMID: 32615415.
4. Panda S, Sharma S, Bajpai N, Gopalakrishnan M, Kombade SP, Nag VL. A Rare Fatal Cause of Acute Areflexic Quadriplegia in the Tropics. *Neurol India.* 2020 Sep-Oct;68(5):1196-1200. doi: 10.4103/0028-3886.299153. PMID: 33109875.
5. Panda S. Peep into the future of GEN C-19: the domino effect. *Postgrad Med J.* 2021 Jul;97(1149):415-416. doi: 10.1136/postgradmedj-2020-139263. Epub 2020 Dec 11. PMID: 33310892.
6. Toteja N, Khera D, Panda S, Sasidharan R, Singh K. Discovery of Porphyria in a Postoperative Surgical Patient. *Indian J Pediatr.* 2021 Apr;88(4):412. doi: 10.1007/s12098-020-03631-2. Epub 2021 Jan 9. PMID: 33420636.
7. Khera D, Didel S, Panda S, Tiwari S, Singh K. Concurrent Longitudinally Extensive Transverse Myelitis and Guillain-Barré Syndrome in a Child Secondary to COVID-19 Infection: A Severe Neuroimmunologic Complication of COVID-19. *Pediatr Infect Dis J.* 2021 Jun 1;40(6):e236-e239. doi: 10.1097/INF.0000000000003124. PMID: 33902076.
8. Patel A, Panda S, Tiwari S. De-novo bibrachial choreo-dystonic attacks due to sudden dopaminergic load. *Clin Neurol Neurosurg.* 2021 Mar;202:106479. doi: 10.1016/j.clineuro.2021.106479. Epub 2021 Jan 8. PMID: 33493879.
9. Yadav T, Shaikh M, Panda S, Khera P. Temporal encephalocele into transverse sinus in an adult with partial seizures: MRI evaluation of a rare site of brain herniation. *Indian J Radiol Imaging.* 2020 Oct-Dec;30(4):517-520. doi: 10.4103/ijri.IJRI_503_19. Epub 2021 Jan 13. PMID: 33737785; PMCID: PMC7954164.
10. Goswami D, Singh K, Bhardwaj P, Panda S, Goel A, Joshi N, Khichar S, Puri I. Economic Burden of Acute Stroke Care in Beneficiaries and Non-Beneficiaries under Social Security Schemes at Tertiary Care Hospitals of Western Rajasthan. *Ann Indian Acad Neurol.* 2020 Sep-Oct;23(5):661-665. doi: 10.4103/aian.AIAN_393_19. Epub 2019 Dec 24. PMID: 33623268; PMCID: PMC7887485.
11. Sharma S, Ruparelia J, Bhaskar S, Tiwari S, Nag VL, Panda S. Acute Fulminant Cerebellitis in Children with COVID-19 Infection: A Rare But Treatable Complication. *Pediatr Neurol.* 2021 Jun;119:45-47. doi: 10.1016/j.pediatrneurol.2021.03.004. Epub 2021 Mar 26. PMID: 33894640; PMCID: PMC7997024.

Name Of Faculty: Dr. Samhita Panda
Designation: Additional Professor & Head

Books/Chapters:

1. Panda S, Jain S, Sanjiv Sharma, Tiwari S. Neurological manifestations in COVID-19. In: The COVID-19 Pandemic and the Future: Virology, Epidemiology, Translational Toxicology and Therapeutics. Dhawan et al (eds), 15th edition, published by Royal Society of Chemistry

Invited Lectures:

1. Invited as faculty to deliver talk ' Normal adult EEG' during the live webinar on "EEG - Pearls & Updates" on 18th April 2020 (Online).

Research Project:

Ongoing:

As Principal Investigator-

1. HTA of National Stroke Care Registry Programme - Development of Hospital Based Stroke Registries (HBSR) in different regions of India- (Ongoing-2020-2025)
2. Determining the utility of cerebrospinal fluid free light chains (kappa and lambda) quantification for diagnosis of multiple sclerosis- (2020- ongoing)
3. Indian Multiple Sclerosis And Allied Demyelinating Disorders Registry And Research Network (2020 ongoing)

As Co-Investigator-

1. Study of Knowledge, attitude and Practice about COVID 19 among tribal healers in district Sirohi.
2. Electroencephalographic Analysis in Migraine clinical phenotypes
3. Quantitative sensory testing of allodynia in migraine: Its association with endogenous sex hormones & TRPV1 expression

Completed:

As Principal Investigator-

1. Impact of COVID 19 on the frequency, spectrum and outcomes of Guillain-Barre Syndrome in India: A Multicenter Ambispective Cohort study (2019-2020- Completed)

Examinership-

1. D.M. Neurology final examinations for Dr. S.N. Medical College, Jodhpur
2. D.M. Neurology final examinations for SCTIMST, Trivandrum Membership/Post in Journal or Society or Association

Membership/Post in Journal or Society or Association

1. Member of American Academy of Neurology

Department of Neurosurgery

S. No.	Name	Designation
1	Dr. Deepak Kumar Jha	Professor & Head
2	Dr. Suryanarayanan Bhaskar	Additional Professor
3	Dr. Mayank Garg	Associate Professor
4	Dr. Jaskaran Singh Gosal	Assistant Professor
5	Dr. Mohit Agrawal	Assistant Professor
6	Dr. Vikas Janu	Assistant Professor
7	Dr. Raghavendra Kumar Sharma	Assistant Professor

About the Department:

The department of Neurosurgery, in 2020-21, added three more faculty members. “**Functional Neurosurgery**” was started in the department by accomplishing first stereotactic biopsy in collaboration with the Department of Neurology, Radiology and Anesthesiology. This was the first stereotactic procedure in the state of Rajasthan. Apart from this, we are having epilepsy meet every month wherein the patients of intractable epilepsy are discussed in the meet and possibility of surgical treatment is looked for. Karl Storz Cranial Neuroendoscopy systems for routine and emergency surgeries have been installed in 2020 in the department and variety of cranial endoscopic procedures including endoscopic third ventriculostomy (ETV), Pituitary surgery, and Endoscopic keyhole surgeries were increasingly accomplished. There has been a tremendous increase in the aneurysm surgery in the last year in the department.

During the latter half of 2020, another advanced Operating Microscope ‘Leica M530 OH6’ with Fluorescence 560 and 800 nm camera/filters was installed in the department. It has made Vascular and tumor surgeries much safer. Especially, intraoperative use of ICG (Indigo-cyanine green) in aneurysm and fluorescein dye in gliomas, are routinely being done using this microscope.

Few of the neurosurgical procedures, which are being provided in this part of the country (Rajasthan) only by AIIMS Jodhpur, are:

- a. Peripheral Nerve Surgeries
- b. Craniovertebral Junction Surgeries
- c. Neurovascular Surgeries (Aneurysms/AVMs)

Epilepsy Surgeries

- a. Surgeries under guidance of Neuro-navigation system
- b. Stereotactic biopsy

The Department has been catering to patients from all over north India with ever-increasing numbers in the OPD, which runs for five days a week. The Department also moderates monthly neurosciences meet wherein various experts of Jodhpur city from neurosciences share their work and there is mutual exchange of experiences of their respective specialties.

The Department is also engaged in research work, which include investigator-initiated studies. The department has produced many publications in various esteemed journals during this period. The faculty members attended various conferences as invited faculty members wherein they presented their work.

In the coming years, the department strives to reach greater heights and with few more dedicated faculty and devoted students joining the department in future, efforts will continue to further glorify the stature of AIIMS, Jodhpur. We as a Department, are committed to provide the best possible patient care and top-notch neurosurgical training to the residents and perform quality research work.

Compiled list of Publications of the department of Neurosurgery:

Pubmed indexed:

1. Kaur M, Gosal JS, Garg M, Bhaskar S, Jha DK, Bhatia P. Intravenous Acetaminophen (Paracetamol) for Post-Craniotomy Pain; Systematic Review and Meta-Analysis of Randomized Clinical Trials". *World Neurosurg.* 2020;137:488. doi: 10.1016/j.wneu.2020.01.052
2. Gosal JS, Tiwari S, Garg M, Bhaskar S, Jha DK. Diffuse leptomeningeal glioneuronal tumour (DLGNT) with hydrocephalus as an initial symptom: a case-based update". *Childs Nerv Syst.* 2020 Apr 15. doi: 10.1007/s00381-020-04610-w
3. Khatri D, Das KK, Gosal JS, Attri G, Bhaisora KS, Sardhara J. Surgery in High Grade Insular Tumors: Oncological and seizure outcomes from 41 consecutive patients. *Asian J Neurosurg.* 2020;15; 537-44
4. Attri G, Gosal JS, Khatri D, Das KK, Bhaisora KS, Mehrotra A, Sardhara J, Srivastava AK, Behari S, Jaiswal S, Jaiswal AK. . Endoscopic Third Ventriculostomy and Simultaneous Tumor Biopsy in Pineal Region Tumors using the 'single burr hole' Technique: An Analysis of 34 Cases. *Asian J Neurosurg.* 2020;15(4):976-982. Published 2020 Oct 19. doi:10.4103/ajns.AJNS_194_20
5. Patidar RK, Kaur M, Gosal JS, Garg M, Bhaskar S, Jha DK. Letter to the Editor Regarding "Positioning issues of spinal surgery during pregnancy". *World Neurosurg.* 2020 Jul;139:694-695. doi: 10.1016/j.wneu.2020.04.032. PMID: 32689684.
6. Gosal JS, Khatri D, Panda S, Bhaskar S, Das KK. Letter to the Editor: 'The Laughing Disease'- From Kuru to the Joker's Sinister Laugh and Madness. *World Neurosurg.* 2020;140:453-454. doi:10.1016/j.wneu.2020.05.134
7. Ruparella J, Patidar R, Gosal JS, Garg M, Bhaskar S, Jha DK. An Aberrant Line on CT Head: The Mendosal Suture. *J Neurosci Rural Pract.* 2020;11(3):502-503. doi:10.1055/s- 0040-1713304
8. Kaur M, Aujla KS, Gosal JS. Anesthetic challenges in a patient with severe thoracolumbar kyphoscoliosis. *Anesth Essays Res* 2020;14:170-2.
9. Das KK, Honna RM, Attri G, Khatri D, Gosal JS, Dixit P , Singh S, Verma PK, Maurya VP, Bhaisora KS, Sardhara J, Mehrotra A, Srivastava AK, Jaiswal AK, Behari S. A Single-Center Surgical Experience of Interhemispheric Epidermoids and Proposal of a New Radiological Classification. *World Neurosurg.* 2020 Jun 6:S1878-8750(20)31232-8. doi: 10.1016/j.wneu.2020.05.259. Epub ahead of print.
10. Ruparella J, Gosal JS, Garg M, Bhaskar S, Jha DK. Letter to the Editor: Challenges to Neurosurgical Residency Training During COVID-19 Pandemic: An Indian Perspective [published online ahead of print, 2020 May 29]. *World Neurosurg.* 2020;S1878- 8750(20)31149-9. doi:10.1016/j.wneu.2020.05.178
11. Tiwari S, Yadav T, Pamnani J, Shukla K, Rao M, Gosal JS, Garg P, Khera PS. Primary spinal epidural extraosseous Ewing's sarcoma with brachial plexus infiltration. *Asian J Neurosurg* 2020;15:1068-71
12. Gosal JS, Das KK, Khatri D, Jaiswal A, Behari S. Letter to the Editor Regarding 'Surgical Treatment of Secondary Trigeminal Neuralgia Induced by Cerebellopontine Angle Tumors: A Single-Center Experience'. *World Neurosurg.* 2020 Oct;142:548- 549. doi: 10.1016/j.wneu.2020.06.051. PMID: 32987593.

13. Gosal JS, Shukla K, Praneeth K, Tiwari S, Garg M, Bhaskar S, Elhence P, Jha DK, Khera S. Coexistent pituitary adenoma and frontal convexity meningioma with frontal sinus invasion: A rare association. *Surg Neurol Int.* 2020 Sep 5;11:270. doi: 10.25259/SNI_164_2020.
14. Kumar N, Gosal JS, Tiwari S, Garg M, Bhaskar S, Jha DK. Craniovertebral junction anomaly with kissing carotids. *Surg Neurol Int* 2020;11:377
15. Gosal JS, Khera S, Kaur M, Garg M, Jha DK. Letter to the Editor Regarding "Langerhans Cell Histiocytosis Involving Second Cervical Vertebra and the Hypothalamus and Pituitary in Adult; A Case Report". *World Neurosurg.* 2020 Nov;143:587-588. doi: 10.1016/j.wneu.2020.07.070. PMID: 33167123.
16. Verma PK, Nangarwal B, Verma J, Dwivedi V, Mehrotra A, Das KK, Maurya VP, Bhaisora KS, Singh J, Sardhara J, Srivastav AK, Behari S, Jaiswal S, Jaiswala AK. A clinico- pathological and neuro-radiological study of angiomatous meningioma: Aggressive look with benign behaviour. *J Clin Neurosci.* 2021;83:43-48. doi: 10.1016/j.jocn.2020.11.032. Epub 2020 Dec 17. PMID: 33342627.
17. Singh A, Das KK, Khatri D, Singh S, Gosal JS, Jaiswal S, Mishra P, Mehrotra A, Bhaisora K, Sardhara J, Srivastava AK, Jaiswal A, Behari S. Insular glioblastoma: surgical challenges, survival outcomes and prognostic factors. *Br J Neurosurg.* 2020 Dec 26:1-9. doi: 10.1080/02688697.2020.1859089. Epub ahead of print. PMID: 33356607.
18. Gosal JS, Das KK, Khatri D, Bhaisora KS, Behari S. Letter: Predicting Long-Term Outcomes After Poor-Grade Aneurysmal Subarachnoid Hemorrhage Using Decision Tree Modeling. *Neurosurgery.* 2021 Feb 16;88(3):E298-E299. doi: 10.1093/neuros/nyaa511. PMID: 33370822.
19. Jha DK, Gosal JS, Ruparelia J, Kumar N, Sharma T, Bhatia PK, Khera P. Simple working sheath for lumbar and lumbosacral spine: technical note. *BMJ Innov.* 2021;7:478-481. doi:10.1136/bmjinnov-2020-000558
20. Ruparelia J, Gosal JS. Letter to the Editor Regarding "The Resident's Role in Global Neurosurgery". *World Neurosurg.* 2021 Feb;146:432.
21. Ruparelia J, Ruparelia H, Gosal JS, Garg M, Bhaskar S, Jha D. Letter to the Editor Regarding "Medical Student Interest and Recruitment in Neurosurgery". *World Neurosurg.* 2021 Feb;146:398. doi: 10.1016/j.wneu.2020.10.049. PMID: 33607734.
22. Das KK, Singh A, Khatri D, Gosal JS, Bhaisora K, Mehrotra A, Gogoi S, Behar S. The dilemma of multifocality in insular tumors: Multicentricity versus metastasis. *Asian J Neurosurg.* 2021;16:72-7.
23. Agrawal I, Sharma N, Saxena S, S Arvind, Chakraborty D, Chakraborty DB, Jha D, Ghatak S, Epari S, Gupta T, Jha S. Dopamine induces functional extracellular traps in microglia. *iScience.* 2021 Jan 22; 24(1): 101968. Published online 2021 Jan . doi: 10.1016/j.isci.2020.101968
24. Jha DK, Thakur OP. Tumour collection chamber for space-occupying lesions in neurosurgery. *J Med Eng Technol.* 2020 Jul;44(5):224-226. doi: 10.1080/03091902.2020.1770347. Epub 2020 Jun 18. PMID: 32552206.
25. Barath AS, Thakur OP, Garg M, Bhaskar S, Jha DK. Suction Pressure Control Valve for Microneurosurgery. *Neurol India.* 2020 May-Jun;68(3):652-653. doi: 10.4103/0028-3886.288977. PMID: 32643680.
26. Sureka B, Sinha A, Tak V, Garg MK, Bhatia PK, Bhardwaj P, Nag VL, Dutt N, Elhence A, Bhaskar S, Bishnoi A, Chauhan N, Bishnoi NR, Misra S. Customized personal protective equipment (PPE): Solution to conservation and management of supplies during the coronavirus disease 2019 (COVID-19) pandemic. *J Family Med Prim Care.* 2020 May 31;9(5):2180-2182. doi: 10.4103/jfmpc.jfmpc_556_20. PMID: 32754469; PMCID: PMC7380824.
27. Tiwari S, Garg PK, Patavardhan P, Chauhan NK, Bhaskar S, Khera PS. Pseudo-subarachnoid Hemorrhage in a Patient with Acute on Chronic Respiratory Failure. *Ann Indian Acad Neurol.*

- 2020 Sep-Oct;23(5):706-708. doi: 10.4103/aian.AIAN_257_20. Epub 2020 Jun 5. PMID: 33623278; PMCID: PMC7887467.
30. JS Gosal, Sarbesh Tiwari, Mayank Garg, S Bhaskar, DK Jha. Diffuse Leptomeningeal Glioneural Tumor (DLGNT) with hydrocephalus as an initial symptom: a case- based update. *CNS* 2020 Jul 15;36(7):1341.
 31. Awasthi A, Gautam U, Bhaskar S, Roy S. Biomechanical modelling and computer aided simulation of deep brain retraction in neurosurgery. *Comput Methods Programs Biomed.* 2020 Dec;197:105688. doi: 10.1016/j.cmpb.2020.105688. Epub 2020 Aug 14. PMID: 32861182.
 32. Choudhary A, Sobti S, Zambre S, Bhaskar S. Endoscopic Third Ventriculostomy in failed ventriculoperitoneal shunt in pediatric population. *Asian J Neurosurg* 2020;15(4):937-40.
 33. Elhence A, Sureka B, Garg MK, Bhardwaj P, Kanchan T, Sinha A, Bhatia PK, Nag VL, Kothari N, Dutt N, Bhaskar S, Tak V, Bishnoi NR, Misra S. Preparing for a COVID-19 pandemic: Redefining roles of multidisciplinary team in a large tertiary hospital in Rajasthan. *J Family Med Prim Care.* 2020 Nov 30;9(11):5439-5444.
 34. Gadhvi M, Singhal A, Sharma G, Kamble P, Gupta U, Garg M, Garg PK, Mohammed S, Sharma RK, Jha DK. Intraoperative Neurophysiological Monitoring (IONM) of Proximal Occlusion of Vertebral Artery in Arteriovenous Malformation: A case report. *Indian J Physiol Pharmacol* 2020; 64 (1): 11-16.
 35. Sharma T, Totala P, Agrawal M, Gosal JS, Sharma R, Janu V, Garg M, Bhaskar S, Jha DK. Letter to the Editor Regarding "Effect of Chronic Alcoholism on Traumatic Intracranial Hemorrhage". *World Neurosurg.* 2021 May;149:311.

Non-Pubmed indexed:

1. Pandit VA, Sharma RK, Bhaskar S, Kindra AS, Choudhary A, Gupta LN. A Randomised Interventional Study to Compare Autologous and Nonautologous Dural Substitutes Among Traumatic Brain Injury Patients. *Indian Journal of Neurotrauma.* 2021 Jun;18(01):26-31.
2. Ajay Choudhary, Kaviraj Kaushik, S Bhaskar, Gupta LN, Rajesh Sharma, Rahul Varshney. Correlation of Initial Computed Tomography findings with outcome of patients with Acute SDH: A prospective study. *IJNT* 2021;18:19–25
3. Awasthi A, Bhaskar S, Gautam U, Roy S. Quantification of Brain Retraction Using Visco-hyperelastic Framework for Image-Guided Neurosurgical Applications. In *Recent Advances in Computational Mechanics and Simulations 2021* (pp. 121-129). Springer, Singapore

Name of Faculty: Dr. Deepak Kumar Jha

Designation: Professor

Research Project:**Ongoing:****As Co-Investigator**

1. Expression analysis of inflammasome-forming NLRs in gliomas for identification of novel therapeutic interventions. Funding Agency: Department of Biotechnology. Collaborating Institute: IIT Jodhpur.
2. Comparison of Preoperative and postoperative SSEP and BAEP parameters in Patients undergoing cerebellopontine angle tumors. Department of Physiology, AIIMS Jodhpur.
3. Correlation of Patient Satisfaction with ECOG Performance Score and Socioeconomic status in Patients undergoing Cranial Surgery – An Observational Study. Department of Neurosurgery, AIIMS Jodhpur.

4. Methylmethacrylate Inter-Facet and Inter-Vertebral Body Spacers in Cranio-Vertebral Junction (CVJ) and Various Spine Surgeries respectively. Intramural Project (AIIMS/RES(06)/2018/331)
5. Development of protocol for isolation of primary microglia from human brain tissue. AIIMS-IIT Jodhpur joint project fund.

Examinership:

1. MCh Neurosurgery Examination at MDM Hospital, Jodhpur (29th September 2020)

Name of Faculty: Dr. S Bhaskar
Designation: Additional Professor

Research Project:

Ongoing:

As Co-Investigator

1. Acute Normovolemic Hemodilution in Intracranial Meningiomas, Arteriovenous Malformations & High Grade Vascular Brain Tumor Surgeries - A Prospective Randomized Controlled Study

Name of Faculty: Dr. Mayank Garg
Designation: Associate Professor

Research Project:

Ongoing:

Principal Investigator:

1. Comparison of epidural morphine versus epidural dexamethasone for postoperative analgesia following lumbar discectomy: A double blinded, randomized control study.

Completed:

Principal Investigator:

1. Methylmethacrylate Inter-Facet and Inter-Vertebral Body Spacers in Cranio-Vertebral Junction (CVJ) and Various Spine Surgeries respectively.

Name of Faculty: Dr. Jaskaran Singh Gosal
Designation: Assistant Professor

Research Project:

Ongoing:

As Co-Investigator

1. Acute Normovolemic Hemodilution in Intracranial Meningiomas, Arteriovenous Malformations & High Grade Vascular Brain Tumor Surgeries - A Prospective Randomized Controlled Study
2. Morphometry of interhemispheric fissure & corpus callosum and its clinical application

Name of Faculty: Dr. Mohit Agrawal
Designation: Assistant Professor

Books/Chapters: --

1. Agrawal M, Doddamani R, Chandra PS, Samala R, Tripathi M. Post-traumatic Epilepsy and the Role of Anti-epileptics after TBI. In : Sinha S, Yagnick N, Deora H (ed.), Handbook of Neurotrauma Volume 2. Salubris. 2021
2. Borkar SA, Agrawal M, Mahapatra A. Dorsal Spur. In: Mahapatra AK, Borkar SA, Mahapatra S (ed.), Split Cord Malformations. Thieme. 2021, 51-60.
3. Agrawal M, Phalak M, Mahapatra A. Adult Split Cord Malformation. In: Mahapatra AK, Borkar SA, Mahapatra S (ed.), Split Cord Malformations. Thieme. 2021, 89-98.

Department of Nuclear Medicine

S. No.	Name of Faculty	Designation
1.	Dr. Rajesh Kumar	Additional Professor and Head
2.	Dr. Sameer K Taywade	Assistant Professor
3.	Dr. ArunPrashanth K	Assistant Professor

About the Department

Department of Nuclear Medicine continued its growth in second year of commencement. Taking a leap forward from the previous year we further expanded the scope of our facilities in the department of Nuclear Medicine.

Patient care: In spite of the challenges faced due to pandemic situation, we continued with the ongoing SPECT-CT nuclear scans. We added few more facilities for patient care and widened our services. In July 2020, we introduced the Low-dose radioiodine I-131 therapy for thyrotoxicosis and differentiated thyroid cancer. In December 2020 we introduced radionuclide therapy with Samarium153-EDTMP and Leutetium177-EDTMP for palliation of painful bone metastases in various malignancies. MIBG scan and Tc99m-HYNIC-TOC scan was started for neuroendocrine tumors. The OPD consultations were provided in Telemedicine mode. Simultaneously, we continued to work on the installation of PET-CT scanner. The state-of-the-art PET-CT scanner was finally commissioned after obtaining statutory approvals and opened for patient services on 03.02.2021. Ours is the first Nuclear Medicine facility in government institutes in the state of Rajasthan to provide PET-CT imaging services. PET-CT nuclear scans are performed to obtain metabolic as well as anatomical information of tissues and organ systems which is very crucial in the management of patients of oncology, cardiology and neurology.

During this period, the department performed a total of 1061 procedures as mentioned below:

- SPECT-CT nuclear scans – 856
- Low dose radioiodine I-131 therapy – 7
- Radionuclide bone pain palliation therapy – 3
- FDG PET-CT scan for oncology – 181
- PET Scan- Cardiac Metabolism – 6
- FDG PET CT brain scan – 8

Academics: Medical education & training is one of the important AIIMS objectives. We started the postgraduate program (M.D) in Nuclear Medicine specialty from July-2020 session with two seats every six months. Currently, we have four students pursuing this postgraduate program. Department runs a comprehensive academic schedule including regular seminars, journal club, clinical case presentation with image interpretation sessions along with clinical and basic science classes for MD students. This curriculum is structured in order to develop basic understanding about the subject as well as keep them updated with latest developments. Microteaching sessions were regularly conducted for postgraduate students. Faculty members were actively involved in interdepartmental meetings like Tumor board, Clinical Grand rounds and Clinico-pathology case discussions.

Research activities: With the widened patient services and introduction of academics we initiated research studies in the form of MD post-graduate theses in the field of oncologic imaging and radionuclide therapy. We also collaborated with the departments of Radiology and Endocrinology in their MD post-

graduate & DM post-doctoral research theses respectively. We submitted few interesting case reports to indexed journals.

Future plans:

Department strives to develop further with the below mentioned projections -

Patient care:

- High Dose Therapy ward for the treatment of differentiated thyroid cancer, prostate cancer, neuroectodermaltumor, etc. Facility has been designed and submitted to Atomic Energy Regulatory Board for its approval.
- In-vitro diagnostic Nuclear Medicine procedures

Academic & Research activities:

- Post-Doctoral Clinical Fellowship program
- Post-graduate MSc. Nuclear Medicine Technology program
- Collaborative interdepartmental research projects

Compiled list of Publications of the department:

Papers

PubMed Indexed:

1. Shetty S, Anushree U, Kumar R, Bharati S. Electrical conductivity spectra of hepatic tumors reflect hepatocellular carcinoma progression in mice. *Biomedical Physics & Engineering Express*. 2020;6(6):065019.
2. Seenu V, Sharma A, Kumar R, Suhani S, Prashanth A, Mathur S, Parshad R. Evaluation of estrogen expression of breast cancer using 18F-FES PET CT-A novel technique. *World Journal of Nuclear Medicine*. 2020;19(3):233.
3. Thakar A, Sakthivel P, Prashanth A, Bhalla AS, Sharma SC, Kumar R. Comparison of 68Ga-PSMA PET/CT and Contrast-Enhanced MRI on Residual Disease Assessment of Juvenile Nasal Angiofibroma. *Clinical nuclear medicine*. 2020;45(4):308-9.
4. Sakthivel P, Thakar A, Prashanth A, Arunraj ST, Kumar R, Kumar R. Clinical utility of 68Ga-DOTANOC positron emission tomography-computed tomography scan on postoperative assessment of juvenile nasal angiofibroma. *Indian Journal of Nuclear Medicine: IJNM: The Official Journal of the Society of Nuclear Medicine, India*. 2020;35(4):372.
5. Shetty S, Anushree U, Kumar R, Bharati S. Mitochondria-targeted antioxidant, mito-TEMPO mitigates initiation phase of N-Nitrosodiethylamine-induced hepatocarcinogenesis. *Mitochondrion*. 2021; 58:123-30.
6. Dheer P, Gupta P, Taywade SK, Passah A, Pandey AK, Patel C. Optimization of ordered subset expectation maximization parameters for image reconstruction in Tc-99m methoxyisobutylisonitrile myocardial perfusion SPECT and comparison with corresponding filtered back projection-reconstructed images. *Indian Journal of Nuclear Medicine: IJNM: The Official Journal of the Society of Nuclear Medicine, India*. 2021;36(1):14.

Name of Faculty : Dr. Rajesh Kumar

Designation : Additional Professor & Head

Resource Faculty:

1. Invited as a Moderator for framing syllabus and theory question paper for screening test for the recruitment to post of Assistant professor, Nuclear Medicine. July 2020. Rajasthan Public Service Commission, Ajmer.

2. Invited as an Adviserto assist in the process of conducting the interview for recruitment to the post of Assistant Professor, Nuclear Medicine. 10th March 2021. Rajasthan Public Service Commission, Ajmer.

Research Project:

Ongoing:

As Principal Investigator

1. "Comparison of low vs. high dose 177Lu-EDTMP therapy for palliation of painful bone metastases: RCT"
2. "Comparative study of Tc-99m GHA SPECT-CT, F-18 FDG PET-CT and MRI in imaging of primary brain Tumors"

As Co-Investigator

1. "Role of whole-body MRI in lymphoma staging: a comparison with composite reference standard including 18F-FDG PET/CT"
2. "Assessment of Bone Mineral Density (BMD) and Trabecular Bone score (TBS) in patients of Hyperthyroidism"

Membership/Post in Journal / Society / Association

1. Member of European Society for Hybrid, Molecular and Translational Imaging.

National/ International Conferences attended:

1. "Molecular Imaging in Dementia with Parkinsonism webinar"; European School of Multimodality Imaging & Therapy (ESMIT) - 9th July 2020. (Online).
2. "SPECT – MPI: Protocols, Pearls and Pitfalls webinar"; European School of Multimodality Imaging & Therapy (ESMIT) - 9th July 2020.(Online).
3. "How to report PSMA PET in Prostate Cancer. An Introduction to E-PSMA: The EANM standardized Reporting Guidelines v1.0 for PSMA PET/CT webinar"; European School of Multimodality Imaging & Therapy (ESMIT) - 10th July 2020.(Online).
4. "Association of Nuclear Medicine Physicians of India Conference"; Fortis Memorial Research Institute, Gurugram; 2nd – 3rd October 2020.(Online).
5. "International Conference on Radiopharmaceutical Therapy, ICRT 2020"; World Association of Radiopharmaceutical and Molecular Therapy (WARMTH); Cox's Bazar, Bangladesh; 5th – 6th December 2020.(Online).
6. "In Vivo Preclinical Imaging and Drug Discovery"; Advanced Centre for Treatment, Research and Education in Cancer, TMC, Mumbai; 7th – 11th December 2020.(Online).
7. "Advanced Hybrid Imaging Techniques including Therapy in Paediatric Patients (Children and Young Adults) webinar"; European School of Multimodality Imaging & Therapy (ESMIT) - 9th – 11th December 2020.(Online).
8. "52nd Annual Conference of Society of Nuclear Medicine India"; AIIMS Raipur, 11th – 13th December 2020.(Online).

Name of Faculty : Dr. Sameer K Taywade
Designation : Assistant Professor

Invited Lectures

1. Radioactive Spill and Radioactive Wound Management and Mock drill of high caliber spill and its management. PGCMDM CBRNE.14-01-2021. Online.

Resource Faculty:

1. Moderator for framing syllabus and theory question paper for screening test for the post of Assistant Professor Nuclear Medicine. July 2020. Rajasthan Public Service Commission.

Examinership

1. Practical examination of PGCMDM CBRNE course (session 2020- 2021). AIIMS, Jodhpur, 02-03 March 2021.

Name of Faculty : Dr. Arun Prashanth K
Designation : Assistant Professor

National/ International Conferences attended:

1. "Evidence Based Management of Cancers in India - EBM 2021", Tata Memorial Centre, Mumbai, 5th to 7th March, 2021.(Online).



Inauguration of PET-CT facility at AIIMS Jodhpur



State-of-the-art PET-CT facilities at AIIMS Jodhpur

Department of Obstetrics & Gynecology

S.No.	Name	Designation
1.	Dr. Pratibha Singh	Professor & Head
2	Dr. Shashank Shekhar	Professor
3	Dr. Navdeep Kaur Ghuman	Additional Professor
4	Dr. Charu Sharma	Associate Professor
5	Dr. Manu Goyal	Associate Professor
6	Dr. Garima Yadav	Associate Professor
7	Dr. Meenakshi Gothwal	Associate Professor
8	Dr. Priyanka Kathuria	Assistant Professor
9	Dr. Manisha Jhirwal	Assistant Professor (Trauma & Emergency)

About the Department -

The Department of Obstetrics & Gynecology at AIIMS Jodhpur has grown and shown steady progress in all aspects including patient care, research and training. The department has grown and expanded the spectrum of problem treated at our Institute adding more dimensions to the range and spectrum of quality Obstetrics & Gynecology work, research, teaching and training undertaken by the department.

In this aspect our department has become the first to start intra-uterine fetal transfusion in the state in government set-up. The department is routinely performing complex gynecologic surgeries, oncological and laparoscopic surgeries. Besides routine obstetric care, intrauterine procedures like amniocentesis, chorionic villous sampling and IUT are being done. Even during this difficult COVID times our routine and complex obstetric services continued with due safety precautions. We prepared and followed our guidelines for managing emergency and Obstetric services in COVID patients.

The faculty of department have undertaken extramural, Intramural research and intradepartmental research within the Institute, and also continued to do research during COVID. The department has also published good number of research work in the form of several papers in various peer reviewed journals.

Compiled list of Publications of the :

Papers

Pubmed Indexed:

1. Matthew PS, Shekhar S, Jhirwal M, Goel M, Singh P, Sharma C. Barbed Suture Vs Polyglactin suture for Laparoscopic Closure of Vaginal Vault after Total Laparoscopic Hysterectomy: A Prospective Observation Study. Journal of Gynecological Surgery. J Gynecol Surg 2021. DOI:10.1089/gyn.2020.0229
2. Goyal M, Singh P, Singh K, Shekhar S, Agrawal N, Misra S. The effect of the COVID-19 pandemic on maternal health due to delay in seeking health care: Experience from a tertiary centre. International Journal of Gynecology and Obstetrics. 2020 ;152 (2):231-235.
3. Sharma C, Singh P, Shekhar S, Jhirwal M, Ghuman NK, Gothwal M et al. How COVID 19 imposed a new normal outlook in reproductive health care of patients, research, teaching and assessment- Perspective of a Gynecologist. J Family Med Primary Care. 2020;9:5858-61.
4. Goyal M, Singh P, Melana N. Review of care and management of pregnant women during COVID-19 pandemic. Taiwan J ObstetGynecol 2020; 59: 791-794.

5. Shekhar S, Goyal S, Goel M, Sharma C, Jhirwal M. Medium Term Anatomical and Functional Results of Isolated Laparoscopic Sacrocolpopexy for Female Pelvic Organ Prolapse During Early Learning Curve. *J ObstetGynecolIndia* 2021 Feb; 71 (1):91-94.
6. Bansal S, Goel M, Sharma C, Shekhar S. LetrozoleVersus Clomiphene Citrate for Ovulation Induction in Anovulatory Women with PCOS: A Randomized Controlled Trial. *Int J of Gynecology & Obstetrics* 152 (3), 345-350
7. Goyal M, Sharma JB, Singh P, Agarwal N. Endometriosis: Current Trends in Management. *ClinOncol.* 2020; 5: 1710-1713.
8. Goyal M, Shehata A, Shereen E, Ahmed A, Singh P, Melana N, Singh S. Cesarean myomectomy in the last ten years; A true shift from contraindication to indication: A systematic review and meta-analysis. *European Journal of Obstetrics & Gynecology and Reproductive Biology* 2020; 256:145-157.
9. Khokar M, Dipayan R, Purvi P, Goyal M eta al. Viricidal treatments for prevention of coronavirus infection. *Pathogens & Global Health* 2020; 114 (7): 349-359
10. Agarwal N, Shekhar S, Goyal M, Singh P, Yadav T. Successful outcome in a rare case of live Post Term Ovarian Pregnancy. *Journal of ObsGynecol Res* 2020;46 (12): 2691-2695.
11. Goyal M, Agrawal N, Singh P, Shafaq. Pregnancy with active Takayasu's arteritis: A medical challenge. *Journal of Gynecological Research & Obstetrics* 2020; 6(3): 81-83.
12. Kaushal R, Bhardwaj P, Goel AD, Shekhar S, Kumar P, Goyal JP. Prevalence of Asthma and Sleep Related Breathing Disorder in School Going Children. *Ind J Community Med.* 2020 Oct; 45 (4): 450
13. Jhirwal M, Sharma C, Kathuria P, Shekhar S. Spontaneous Fetal Intracranial Haemorrhage: Scrutinizing the inscrutable. *JCDR* 2020; 15 (2) QD03-QD04
14. Collaborative C, Collaborative G. SARS-CoV-2 vaccination modelling for safe surgery to save lives: data from an international prospective cohort study. *British Journal of Surgery.* 2021 Mar 24.
15. COVIDSurg Collaborative, GlobalSurg Collaborative. Timing of surgery following SARS-CoV-2 infection: an international prospective cohort study. *Anaesthesia.* 2021 Jun;76(6):748-58.
16. Solanki V, Singh P, Sharma C, Ghuman N, Sureka B, Shekhar S, Gothwal M, Yadav G. Predicting malignancy in adnexal masses by the international ovarian tumor analysis-simple rules. *Journal of Mid-life Health.* 2020 Oct 1;11(4):217.
17. Vishwajeet V, Elhence P, Singh P, Ghuman NK. Alveolar Soft Part Sarcoma of Uterine Corpus in a Young Female: A Case Report With Review of Literature. *International Journal of Gynecological Pathology.* 2020 Dec 15.
18. Ghuman NK, Raikar S, Singh P, Gothwal M, Yadav G. Improving reproductive outcomes of intrauterine insemination: Does endometrial scratch injury help? A randomised controlled trial. *European Journal of Obstetrics & Gynecology and Reproductive Biology.* 2020 Oct 1;253:225-31.
19. Kathuria P, Khetarpal A, Singh P, Yadav G, Ghuman NK. Role of birth companion in COVID-19: indispensable for her and an auxiliary hand for us. *The Pan African Medical Journal.* 2020 Sep 15;37(62).
20. Saini A, Yadav G, Gothwal M, Singh P, Kathuria P, Elhence P. Tuberculosis and ovarian malignancy: Sometimes mimics, sometimes coexists. *The Journal of Obstetrics and Gynaecology Research.* 2020;46(6):945-949.Doi:10.1111/jog.14223.
21. Gothwal, M., Tak, A., Aggarwal, L., Rathore, A. S., Singh, P., Yadav, G., Sharma, C. A study of knowledge, attitude, and practice of contraception among nursing staff in All India Institute of Medical Sciences, Jodhpur, Rajasthan. *Journal of family medicine and primary care.*2020; 9(2): 706–710. https://doi.org/10.4103/jfmpc.jfmpc._1012_19
22. Yadav G, Chambial S, Agrawal N, Gothwal M, Kathuria P, Singh P, et al. Blood lead levels in antenatal women and its association with iron deficiency anemia and adverse pregnancy outcomes. *J Family Med Prim Care.* 2020;9:3106-11.

23. Bhati M, Gothwal M, Singh P, Yadav G. Inflammatory Myofibroblastic tumor at episiotomy site: a rare case report with review of literature. *JOGI*. April, 2020;10.1007/s13224-020-01315-7.
24. Yadav G, Agarwal N, Sureka B, Singh P. Transverse vaginal septum presenting as secondary amenorrhoea: a rare clinical presentation. *BMJ Case Reports*. 2020;13 (8): dx.doi.org/10.1136/bcr-2020-235374.
25. Gothwal M, Nalwa A, Singh P, Yadav G. Role of cervical cancer biomarkers P16 and Ki67 in abnormal cervical cytological smear. *J ObstetGynecol India* (2020).<https://doi.org/10.1007/s13224-020-01380-y>.
26. Yadav G, Rao M, Batra S, Singh P, Kathuria P, Gothwal M. Risk of incidental genital tract malignancies following myomectomy and hysterectomy for benign conditions. *ObstetGynecol Sci*.2020. PMID: 33321560.DOI: 10.5468/OGS.20199
27. Sharma, C., Singh, P., Arora, I.K., Bhardwaj, A., Saini, A., Gothwal, M. and Jhirwal, M., 2020. Assessment of understanding about human papilloma virus vaccination among undergraduate medical students in a developing country: Perspective from India. *Journal of Family Medicine and Primary Care*, 9(8), p.4311.
28. Gupta MK, Raghav P, Gautam V, Bhardwaj P, Rustagi N, Naveen KH, Gothwal M. Steering the predictors to improve the knowledge and utilization of partograph by skilled birth attendants: An intervention study. *Journal of Family Medicine and Primary Care*. 2020 Jun;9(6):3082.
29. Kansara M, Yadav G, Gothwal M, Singh P. Yolk sac tumour of ovary with fever and overt hypothyroidism: rare clinical presentation. *BMJ Case Reports CP* 2020;13:e232114.
30. Jhirwal M, Singh P, Sharma C, Khara P. Herlyn-Werner-Wunderlich (HWW) syndrome with kyphoscoliosis: a rare urogenital anomaly in a teenage girl. *BMJ Case Reports*. 2021;14(3):e238688. doi: 10.1136/bcr-2020-238688. PMID: 33753378
31. Sharma C, Yadav A, Mehrotra M, Saha MK, Tambe RR. Maternal Near Miss: Unraveling Our Experience in the Tertiary Care Hospital of Andaman and Nicobar Islands. *Indian J Community Med*. 2021 Jan-Mar;46(1):35-39. doi: 10.4103/ijcm.IJCM_145_20. Epub 2021 Mar 1. PMID: 34035573; PMCID: PMC8117887.
32. Kombade SP, Abhishek KS, Mittal P, Sharma C, Singh P, Nag VL. Antifungal profile of vulvovaginal candidiasis in sexually active females from a tertiary care hospital of Western Rajasthan. *J Family Med Prim Care*. 2021 Jan;10(1):398-402. doi: 10.4103/jfmpc.jfmpc_1124_20. Epub 2021 Jan 30. PMID: 34017760; PMCID: PMC8132794.
33. Dwivedi R, Sharma C, Bhardwaj P, Singh K, Joshi N, Sharma PP. Effect of peer educator-PRAGATI (PeeR Action for Group Awareness through Intervention) on knowledge, attitude, and practice of menstrual hygiene in adolescent school girls. *J Family Med Prim Care*. 2020;9(7):3593-3599.
34. Bhardwaj A, Sharma C, Rajan MB. Simple solutions for fogging of spectacles on wearing surgical masks. *Journal of the American Academy of Dermatology* (2020)
35. Meena S P, Jhirwal M, Awareness and experience of health care workers during Covid 19 pandemic. *J Edu Health Promot* 2021; 10:110.

Non-Pubmed Indexed-

1. Singh P, Goyal M, Singh K, Misra S. COVID-19 and pregnancy: A review. *Ann Natl Acad Med Sci (India)* 2020;56 (3):183-188
2. Kumari M, Thakur S, Singh K, Shekhar S. Comparative maternal outcomes of oral nifedipine and intravenous labetalol for severe hypertension during pregnancy: an open label randomized controlled trial. *Int J ReprodContraceptObstet Gynecol*. 2020 Jul;9(7):2847-2851
3. Sharma C, Bansal S, Shekhar S, Jhirwal M, Patwa P. Immune Thrombocytopenia causing Abnormal Uterine Bleeding in an Adolescent Girl having Co-Existent Type-1 Neurofibromatosis- Is it an Association or Coincidence? *JCDR*.2020; Vol-14(11): QD01-QD03

4. Jhirwal M, Shekhar S, Sharma C, Tak A. Sex cord stromal tumor of ovary masquerading as polycystic ovarian syndrome. *Int J ReprodContraceptObstetGynecol* 2020; 9:2616-8
5. Singh P, Raikar S, Yadav G, Gothwal M, Ghuman N. Pregnancy at the Cesarean Section Scar: Successful Management and Review of Current Literature. *Annals of the National Academy of Medical Sciences (India)*. 2020 Jul 29
6. Goyal M, Agrawal N, Singh P, Shafaq. Pregnancy with active Takayasu's arteritis: A medical challenge. *Journal of Gynecological Research & Obstetrics* 2020; 6(3): 81-83
7. Goyal M, Sharma JB, Singh P, Agarwal N. Endometriosis: Current Trends in Management. *ClinOncol*. 2020; 5: 1710-1713.
8. Tak A, Singh P, Yadav G, Rao M. 46 XX gonadal dysgenesis with dysgerminoma along with Leydig cells: a unique presentation. *IJRCOG*.2020;9(6):2619-2621.
9. Batra S, Yadav G, Singh P, Gothwal M, Kathuria P. Antenatal Non-stress test in low-risk and high-risk pregnancies: evolving role of NST in improving perinatal outcomes. *IOG*.2020;10(2):18-24.
10. Saini A, Gothwal M, Singh P, Yadav G. Utero-ovarian ligament fibroid-an unusual location of extra-uterine fibroids. *IJRCOG*. 2020;9(12):5187-89.
11. Jhirwal M, Sharma C, Kathuria P, Shekhar S. Spontaneous Foetal Intracranial Haemorrhage: Scrutinising the Inscrutable. *Journal of Clinical and Diagnostic Research*, 2021 Feb, Vol-15(2): QD03-QD04
12. Madhukar S, Kathpalia SK, Charu S, Aparna K, Shilpa PK, Jayshree K. Labial Adhesions Sharing our Experience Over Three Years. *American Journal of Medicine and Public Health*. 2021;2(1)1015
13. Yadav A, Sharma C, Kathpalia SK, Singh SS. Acute fatty liver of pregnancy: A clinical dilemma. *Indian Journal of Community and Family Medicine*. 2020;6(2):171.
14. Sharma C, Shekhawat RS, Vyas V, Singh P, Khera S. Persistence of spermatozoa in the lower genitourinary tract after elapsed time: Should the guidelines be reframed? *J Indian Acad Forensic Med*. 2020; 42(3): 238-239.

Workshops/ Conferences Organized

1. VIA training of Medical Officers' in 2020 and 2021 at AIIMS Jodhpur
2. Virtual CME on "Cancers in pregnancy" under the aegis of Rajasthan state chapter of Association of Gynecologic Oncologists of India on 18th March, 2021.
3. Webinar on 'Tips and Tricks in fetal invasive procedures on 26th Mar 2021.

Any other information:

1. First successful Intrauterine transfusion in the Government facility in Rajasthan was started by Dr Manu Goyal in our department.
2. Participation in public awareness on Down syndrome

Name of Faculty : Dr. Pratibha Singh

Designation : Professor & Head

Papers Presented:

1. Does endometrial scratch injury helps in improving reproductive outcomes of intra-uterine insemination treatment? A randomised controlled trial., Dr. Navdeep Kaur Ghuman, Dr. Sunil Raikar, Dr. Pratibha Singh ASRM 2020 Virtual Scientific Congress & expo, October 17, 2020 – Wednesday, October 21, 2020

2. Dr. ManishaJhirwal, Dr. Pratibha Singh, Dr. Charu Sharma, Dr. ShashankShekhar, Awareness and Understanding About Covid 19 In Pregnant Women: A Questionnaire Based Study in A Tertiary Care Hospital Of Western Rajasthan; 42ND AOGD annual conference on 30th Oct to 1st Nov, 2020, Delhi.
3. Kathuria P, Yadav G, Singh P, Solanki V. Spectrum of congenital anomalies and preventable associated factors in northwest India: a tertiary center study. 42nd Annual AOGD Conference: first fully virtual conference. 26th October to 6th November 2020. Sir Ganga Ram Hospital, New Delhi.

Sessions Chaired:

1. Chaird session on 'Recurrent Pregnancy loss', organized by FOGSI-Jaipur, Bikaner societies on 2.9.2020
2. Chaired session for session on Endometrial cancer organized by JOGS on 2.1.2021

Invited Lectures:

1. Lecture on 'AUB- Diagnosis and Management, LNG-IUS' on 6.6.2020 in webinar organized by KOGS
2. Lecture on 'Endometrial cancer-Diagnosis and management' organized by ISCCP- Rajasthan chapter on 16.7.2020
3. Lecture on ' Immunological factors of RPL – diagnosis and treatment' in CME organized by AIIMS Bhatinda on 6.3.2021

Resource Faculty:

1. Panelist on 'High Risk pregnancy' organized by Jodhpur Obs&Gyne society
2. Faculty at Webinar on gyne oncology on 'Endometrial cancer' organized by BOGS[Beharampur Obstetrics &Gyne society] on 20.11.2020
3. Panelist on 'Roadblocks in prevention of cervical cancer- Role of medical colleges' organized by FOGSI-oncology committee on 21.11.2020
4. Faculty in BOGSCON on 19 & 20 Dec 2020
5. Faculty at webinar organized by Gynecological cancers in pregnancy, and participated in panel discussion on case discussion ongyne cancers in pregnancy on 18.3.2021
6. Faculty at web-CME on 'Tips and Tricks for invasive fetal procedures' on 26.3.2021

Research Project:

Ongoing:

As Co-Investigator

1. Comparison and assessment of performance of PREP-S, PIER-L, full PIERS and mini-PIERS risk prediction models in patients of preeclampsia for predicting adverse maternal and fetal outcomes.
2. Impact of chemotherapy on ovarian reserve in females of reproductive age group
3. To evaluate the accuracy of hysterosalpingography (HSG) in predicting tubal blockage in infertile patients.
4. Interobserver and Interobserver variability in CTG interpretations– A hospital based Prospective Observational study.
5. To assess the validity of reference ranges of different semen parameters recommended by WHO laboratory manual for the Examination and processing of human semen and to analyse the correlation of sperm DNA fragmentation levels with male fertility status.
6. Predictors of ovarian function reserve in premenopausal patients with breast cancer-Prospective study.

7. Inter and Intra-observer agreement on Hysterosalpingography (HSG)-A prospective study.
8. Red cell alloimmunization among antenatal women in AIIMS Jodhpur and their fetomaternal outcome
9. Circulating Micro RNA-125b-as Diagnostic and Prognostic Biomarkers in Epithelial Ovarian Cancer,
10. Profile and treatment outcome of patients presenting with urethritis at AIIMS, Jodhpur: A prospective study.
11. Expression and association of Micro RNAs (miRNA-424 and miRNA-519d) in pregnancies complicated by Fetal Growth restriction via KLF6 and MT1-MMP (MMP-14) pathways.
12. Maternal and neonatal outcome and multidisciplinary management of Placenta Accreta Spectrum (PAS) within a single tertiary centre.
13. Prenatal diagnosis of Non-immune HydropsFetalis and their perinatal outcome- single centre experience.
14. A study of Challenges faced during COVID 19, by genetic patients registered in AIIMS Jodhpur, A retrospective study.
15. Digital droplet PCR technique- an alternative testing method for detection of chromosomal aneuploidies- under AIIMS -DBT NIDAN Kendra.
16. Evaluation of common beta-thalassemia mutations in prenatal genetic testing of at-risk couples; Under NIDAN Kendra AIIMS Jodhpur. q. Screening and Diagnosis of Spinal Muscular Atrophy using Droplet Digital PCR.
17. Comparison and assessment of performance of PREP-S, PIER-L, full PIERS and miniPIERS risk prediction models in patients of preeclampsia for predicting adverse maternal and fetal outcomes.
18. Laparoscopic Neo-Vaginoplasty: Single Centre Experience
19. An observational study of prevalence of Vitamin D deficiency in pregnant Indian women and its association with gestational diabetes mellitus”

Completed:

As Principal investigator:

1. Prediction of onset of labor by using anterior utero-cervical angle: a pilot study. [Intramural project]
2. Flipping to empower adolescents for sexual and reproductive health- Extramural project

As co-investigator-

1. Psychological facets of infertility: A prospective study to evaluate Quality of life and depression score in infertile couples
2. Comparison of Pain score between Foley's catheter and Leichwilkinson cannula in Hysterosalpingography by Numerical rating scale-A retrospective study
3. Expression of microRNAs (miR 187 & miR146) and their association with pro and anti inflammatory cytokines (IL-18 & IL-10) and transcriptional factor NF-κB in pregnancies complicated by Preeclampsia
4. Objective Structured Clinical Examination (OSCE) as a learning tool for post graduate residents in the department of Obstetrics &Gynaecology- A two years' experience.
5. Understanding and awareness about COVID 19 in pregnant women: A questionnaire based study.
6. Maternal and perinatal outcome in intra-hepatic cholestasis of pregnancy.
7. Spectrum of Gestational Trophoblastic diseases – A retrospective study.
8. Decreasing the duration of point of decision to getting NST done: A Quality Improvement Project
9. Is QF-PCR, for prenatal diagnosis of chromosomal abnormalities in amniotic fluid samples, a substitute for conventional Karyotyping or Is it complementary- A comparative analysis.
10. First trimester maternal serum PAPP-A and free-beta subunit hCG& NT
11. The measurements of 'normal vulva' of Indian women: a cross-sectional prospective study.

Examinership:

1. External examiner for MBBS exam at AIIMS Rishikesh Feb 2021
2. External examiner MS exam at JLN medical college at Ajmer Aug 2020
3. Thesis evaluator for MD / MS- AIIMS Delhi, KGMU Lucknow, April 2020, AIIMS Raipur [] and AIIMS Rishikesh [June 2020], PGI Chandigarh [April 2020]
4. External examiner PhD viva at SGPGI Lucknow

Any other-

1. Subject expert for faculty interview at AIIMS Deoghar
2. Subject expert for faculty interview at GIMS Noida
3. Co-opted member for faculty interviews at AIIMS Jodhpur

Membership/Post in Journal or Society or Association

Reviewer for-

1. Journal of Obstetrics & Gynecology,
2. BMJ case report,
3. BMC- Pregnancy and child birth,
4. BMC- Women's health,
5. Journal of South Asian federation of obstetrics & Gynecology
6. International Journal of Womens health
7. Clinical journal of Obstetrics & Gynecology
8. Annals of National Academy of Medical Sciences

Member of society/ Organisation:

1. Founder Secretary of Rajasthan chapter of Association of Gynecological Oncology

National/ International Conferences attended:

1. Attended webinar on 'Recurrent pregnancy loss' organized by AIIMS Bhatinda (Online)
2. Attended webinar on Robotic surgery and COVID (Online)
3. Attended webinar on 'Gender based violence on women on 15.3.2021 to 17.3.2021 organised by NIHFV (Online)
4. Attended online webinar on violence on women on 8.3.2021 organised by WHO and AIIMS Delhi (Online)
5. Attended webinar on –Da Vinci users meet – Benign gynecology on 21.11.2021 (Online)

Name of Faculty : Dr. Shashank Shekhar

Designation : Professor

Symposium Speaker

1. "Hormonal Management of AUB" on 17th July 2020 (online)
2. "Management of PCOS" on 17th October 2020 (Online)
3. "Pelvic inflammatory diseases" on 2nd August 2020 (Online)

Research Project:

Ongoing:

As Principal Investigator

1. Circulating Micro RNA-125b as A Diagnostic and Prognostic Biomarker in Epithelial Ovarian Cancer.
2. Laparoscopic Sacrocolpopexy for Genital Prolapse: Retrospective One Year Follow up of First Fifteen Cases
3. Retrospective Analysis of outcomes of Primary versus Interval debulking surgery in cases of advanced EOC
4. Clinical Phenotypes and Genetic Regulation of Endometriosis in Indian Women
5. Laparoscopic Neo-Vaginoplasty: Single Centre Experience

Examinership

1. MD Examiner at AIIMS Jodhpur June 2020 & Dec 2020

Name of Faculty : Dr. Navdeep Kaur Ghuman

Designation : Additional Professor

Papers Presented:

1. Dr. Navdeep Kaur Ghuman, Dr. Sunil Raikar, Dr. Pratibha Singh. Does endometrial scratch injury helps in improving reproductive outcomes of intra-uterine insemination treatment? A randomised controlled trial., ASRM 2020 Virtual Scientific Congress & expo, October 17, 2020 – Wednesday, October 21, 2020

Sessions Chaired:

1. Technique of Amniocentesis & CVS, Virtual CME-Tips and Tricks of Prenatal Invasive Procedures, 26th March 2021, AIIMS Jodhpur
2. Virtual CME-Cancers in Pregnancy, 18th March 2021

Invited Lectures:

1. The Adolescence journey-Public awareness lecture, Bodhi International School, 24th August 2020

Symposium Speaker

Resource faculty-

1. Case based discussion on Azoospermia (Panelist), Virtual CME- Male Infertility Management, 10th November 2020
2. Premature Ovarian Insufficiency-Case based approach (Panelist), Virtual CME, 18th March 2021
3. Understanding Male Infertility-A practical approach (Panelist), Androconclave, 8th August 2020

Research Project:

Ongoing:

As Principal Investigator

1. Comparison and assessment of performance of PREP-S, PIER-L, full PIERS and mini-PIERS risk prediction models in patients of preeclampsia for predicting adverse maternal and fetal outcomes.
2. Impact of chemotherapy on ovarian reserve in females of reproductive age group

3. To evaluate the accuracy of hysterosalpingography (HSG) in predicting tubal blockage in infertile patients.
4. Interobserver and Intraobserver variability in CTG interpretations– A hospital based Prospective Observational study.
5. To assess the validity of reference ranges of different semen parameters recommended by WHO laboratory manual for the Examination and processing of human semen and to analyse the correlation of sperm DNA fragmentation levels with male fertility status.
6. Predictors of ovarian function reserve in premenopausal patients with breast cancer-Prospective study.
7. Inter and Intra-observer agreement on Hysterosalpingography (HSG)-A prospective study.

As Co-Investigator

1. Effect of Intravenous Tranexamic acid in addition to active management of third stage of labour on postpartum blood loss in vaginal delivery: A double blinded randomized controlled trial
2. Prevalence of Group B Streptococcus Colonization and Its Antibiotic Susceptibility Pattern Amongst Pregnant Women Near Term .
3. Prevalence and Spectrum of Major Structural anomalies in fetuses and neonatal at AIIMS, Jodhpur: Understanding the Risk Factors
4. Knowledge, attitude and awareness regarding fertility among women attending infertility OPD of AIIMS Jodhpur.
5. Impact of early versus late initiation of oral intake in postoperative period following any major benign gynecological procedure and cesarean section.
6. Expression and association of micro-RNAs (mir-424 and mir-519d) in pregnancies complicated by Fetal Growth restriction via KLF 6 and MT1-MMP (MMP-14) pathways.
7. Level of complacency on both ends in a telemedicine clinic

Completed:

As Principal Investigator

1. Psychological facets of infertility: A prospective study to evaluate Quality of life and depression score in infertile couples
2. Comparison of Pain score between Foley's catheter and Leichwilkinson cannula in Hysterosalpingography by Numerical rating scale-A retrospective study

As Co-Investigator

1. Prospective case control study to evaluate the effect of iatrogenic endometrial injury/scratch on clinical pregnancy rate in patients with unexplained and anovulatory subfertility undergoing ovulation induction and intrauterine insemination
2. Comparison between IOTA simple rules and RMI in differentiating benign and malignant adnexal masses- a prospective single blinded comparative study
3. Objective Structured Clinical Examination (OSCE) as a learning tool for post graduate residents in the department of Obstetrics & Gynaecology- A two years' experience.
4. The measurements of 'normal vulva' of Indian women: a cross-sectional prospective study.
5. Correlation of intrapartum Cardiotocography with paired umbilical cord blood analysis to establish its effectiveness in predicting fetal acidosis following term deliveries
6. Association of Gestational Diabetes Mellitus and BMI: A prospective study-

7. Spectrum of thyroid disorder in low-risk singleton pregnancy and its effect on maternal and fetal outcome-A prospective Cohort Study
8. Deriving prediction model for caesarean delivery after induction of labour in singleton pregnancies at term gestation

Scientific Awards/Patents/Fellowship

1. Awarded MNAMS, National Academy of Medical Sciences (India), Year 2020

Membership in Journal or Society or Association

1. American Society of reproductive Medicine (ASRM)
2. European Society of Human Reproduction and Embryology (EHSRE)
3. British Fertility Society (BFS)
4. Indian Fertility Society (IFS)

National/ International Conferences attended:

1. ASRM 2020 Virtual Scientific Congress & Expo, October 17, 2020 – Wednesday, October 21, 2020 (Online)
2. ESHRE Virtual 36th Annual meeting, 5-8 July 2020.(Online)
3. ESHRE virtual CME- The long-term safety of ART, 10th September 2020(Online)
4. ASRM virtual CME- Key Performance Indicators for Successful IVF, 9th July 2020 (Online)

Name of Faculty : Dr. Charu Sharma

Designation : Associate Professor

Papers Presented:

As Principal Author-

1. IS QF-PCR, for prenatal diagnosis of chromosomal abnormalities in amniotic fluid samples, a substitute for conventional karyotyping or is it complementary. AOGD 2020, 24th Oct. (Online)

As Co-author

1. Mitochondrial Fission Factor (MFF) Gene Mutation- A Dilemma for Invasive Prenatal Diagnosis. (e-Poster Presentation AOGD 2020, 24th Oct.)
2. Herlyn - Werner- Wunderlich Syndrome- A rare urogenital anomaly in a teenage girl. (e-Poster AOGD 2020, 24th Oct)
3. Association of Body Mass Index with Gestational Diabetes Mellitus - How true in Indian Scenario: a prospective cohort study. Free Paper presentation, AOGD 2020, 24th Oct.

Sessions Chaired:

1. Gynecological cancers in pregnancy “Encountering the management quandaries”- Speaker Dr. RashmiBagga in CME on Cancers in pregnancy, 18th March 2021 at AIIMS Jodhpur

Resource Faculty:

1. Organizing Secretary: virtual CME on Tips and Tricks of Prenatal Invasive Procedures on 26th March 2021. AIIMS Jodhpur

2. Workshop for Medical Officers- on Visual Inspection of Cervix on application of Acetic Acid in association with school of public health, on 24th & 25th August, 2020, 15th & 16th Feb, 22nd & 23rd March 2021 (Lecture on Sexually Transmitted Infections in Cervical Screening)
3. CME on 'Cancers in Pregnancy' under the aegis of Association of Gynecologic Oncologists of India, on 18th March 2021 at AIIMS Jodhpur
4. Scientific Committee member- National Conference on "Traditional Medicine- Challenges and Opportunities" virtual conference on 19th & 20th March 2021 at AIIMS Jodhpur.

Research Projects:

Ongoing

As Principal Investigator

1. Maternal and neonatal outcome and multidisciplinary management of Placenta Accreta Spectrum (PAS) within a single tertiary centre.
2. Prenatal diagnosis of Non-immune HydropsFetalis and their perinatal outcome- single centre experience.

As Co-Investigator

1. A study of Challenges faced during COVID 19, by genetic patients registered in AIIMS Jodhpur, A retrospective study.
2. Digital droplet PCR technique- an alternative testing method for detection of chromosomal aneuploidies- under AIIMS -DBT NIDAN Kendra.
3. Evaluation of common beta-thalassemia mutations in prenatal genetic testing of at-risk couples; Under NIDAN Kendra AIIMS Jodhpur.
4. Screening and Diagnosis of Spinal Muscular Atrophy using Droplet Digital PCR.
5. Comparison and assessment of performance of PREP-S, PIER-L, full PIERS and miniPIERS risk prediction models in patients of preeclampsia for predicting adverse maternal and fetal outcomes.
6. Laparoscopic Neo-Vaginoplasty: Single Centre Experience).
7. Red cell alloimmunization among antenatal women in AIIMS Jodhpur and their feto-maternal outcome
8. Circulating Micro RNA-125b-as Diagnostic and Prognostic Biomarkers in Epithelial Ovarian Cancer,
9. Profile and treatment outcome of patients presenting with urethritis at AIIMS, Jodhpur: A prospective study.
10. Expression and association of Micro RNAs (miRNA-424 and miRNA-519d) in pregnancies complicated by Fetal Growth restriction via KLF6 and MT1-MMP (MMP-14) pathways.

Completed

As Principal Investigator

1. Expression of microRNAs (miR 187 & miR146) and their association with pro and anti inflammatory cytokines (IL-18 & IL-10) and transcriptional factor NF- κ B in pregnancies complicated by Pre-eclampsia.
2. Objective Structured Clinical Examination (OSCE) as a learning tool for post graduate residents in the department of Obstetrics & Gynaecology- A two years' experience.
3. Understanding and awareness about COVID 19 in pregnant women: A questionnaire based study.
4. Maternal and perinatal outcome in intra-hepatic cholestasis of pregnancy.
5. Spectrum of Gestational Trophoblastic diseases – A retrospective study
6. Decreasing the duration of point of decision to getting NST done: A Quality Improvement Project

7. Is QF-PCR, for prenatal diagnosis of chromosomal abnormalities in amniotic fluid samples, a substitute for conventional Karyotyping or Is it complementary- A comparative analysis.
8. First trimester maternal serum PAPP-A and free-beta subunit hCG& NT
9. The measurements of 'normal vulva' of Indian women: a cross-sectional prospective study.
10. Retrospective analyses of primary debulking and interval debulking surgery in cases of Carcinoma Ovary.

Examinership

1. External Examiner- 3rd Prof. MBBS Supplementary batch exam, SN medical College Jodhpur, 18th August 2020
2. External Examiner- Practical Exam of certification for specialization Examination (Obs&Gyne), SN Medical College Jodhpur, 5th December 2020.
3. Internal Examiner- 3rd Prof. MBBS, AIIMS Jodhpur, 9th -11th December 2020
4. Internal Examiner- 3rd Prof. MBBS, Supplementary batch, February, 2021

Membership/Post in Journal or Society or Association

1. Reviewer in the Journal- BMJ case Reports.
2. Reviewer in African Journal of Medical and Health Sciences.
3. Reviewer in International Journal of nursing and midwifery
4. Reviewer in Journal of Obstetrics &Gynaecology (Taylor and Francis)
5. Reviewer in Journal of South Asian Federation of Obstetrics & Gynecology
6. Reviewer in Journal of Cancer Reports
7. Reviewer in journal of Family Medicine and Public Health

Membership:

1. Indian Academy of Medical Genetics- Life membership number L/AM-118
2. International society of Ultrasound in Obstetrics & Gynecology (ISUOG)
3. Society of Maternal & Fetal Medicine (International SMFM)

National/ International Conferences attended:

Courses/ Workshops

1. Basic Training course in Ultrasound by ISUOG conducted by Mediscan Fetal Medicine Centre (3rd July to 18th July 2020)
2. Basic Training Certificate course by ISUOG. (International Certification)
3. The International Forum on Quality and Safety in Healthcare virtual workshop- 13th August 2020.
4. USG in Pregnancy Course by FOGSI under Fetal Medicine Foundation (December to February 2020-21)
5. Workshops (3 months course) on Competency Based Medical Education (CBME) & Simulation Based Medical Association (SBME).

Conferences/ Webinars

1. Basics of Fetal Medicine and Genetics- Organised by Life cell. Moderated by Dr. Mandakini and Dr. Megha 26th June 2020.
2. First online Congress on Fetal Medicine & Reproductive Genetics. (FETOLIFE 2020), at Adoor (Kerela) on 28th June 2020, (9.00 am to 1.30 pm)
3. Online Workshop on Scientific Writing and Research ethics by India Alliance on 19th September.
4. AOGD virtual conference on 30th Oct to 1st November 2020.

5. International Web Symposium on Fetal Diagnostics and Therapeutics on 27th September 2020
6. FOGSI recognized Certificate course in Ultrasound in Obstetrics & Gynecology by Fetal Medicine Foundation India (FMF)

Workshops/ Conferences Organized

1. CME on Tips & Tricks of Prenatal Invasive Procedures- Organizing Secretary (26th March 2021)

Any other information:

1. Social outreach Programme on World Down syndrome day (21st March 2021)- Awareness lecture on antenatal diagnosis of Down syndrome for parents of down syndrome babies.

Name of Faculty : Dr. Manu Goyal

Designation : Associate Professor

Invited Lectures:

1. Epidemiology of cervical cancer. Workshop on VIA training of Medical officer 24th & 25th August 2020

Symposium Speaker

1. Panelist in Panel discussion in CME on Rh iso-immunization. 24th August 2020 (online).

Resource Faculty:

1. CME on Fetal Medicine on Rh isoimmunisation. 24th August 2020
2. Workshop on VIA training: 24th & 25th August 2020 at AIIMS Jodhpur

Research Project:

Ongoing:

As Principal Investigator

1. Approved and sanctioned by DHR-GIA under ICMR titled "An observational study of prevalence of Vitamin D deficiency in pregnant Indian women and its association with gestational diabetes mellitus"
2. Study of procedure related complications of intrauterine transfusion and cordocentesis
3. Assessment of efficacy of various Local Anaesthetic modalities on Pain Relief during Endometrial Biopsy: a randomized control trial
4. Comparison of Routes of hysterectomy and correlation of pre-op endometrial biopsy with final histopathological report after hysterectomy: retrospective study

Co-Investigator

1. Role of circulating micro-RNA in benign and malignant ovarian tumor (Intramural project, AIIMS, Jodhpur)
2. Maternal & fetal outcomes and multidisciplinary management of placenta accrete spectrum within a single tertiary centre (non-funded)

Completed:

1. Effect of COVID-19 pandemic on antenatal care and maternal outcome: An observational study at tertiary centre in western India

Examinership

1. UG External Examiner for MBBS Final Year Examination at Sardar Patel Medical College, Bikaner on 8th August 2020.

Membership/Post in Journal or Society or Association

Editorial/ Reviewer in Journals:

1. Assistant Editor of Journal of Pregnancy and Child Health
2. Editorial member -International Journal of Advances in Gynecology &Obstetrics
3. Editorial Member of Indian Heart Journal
4. Reviewer of Indian Journal of Tuberculosis and Lung Diseases
5. Reviewer of Journal of Obstetrics & Gynecology Research
6. Reviewer of Journal of Gynecological Surgery

Member of society/ Organisation:

1. Membership of Federation of Obstetricians and Gynecologists of India (FOGSI)
2. Member of AGESR (Association of Gynae Endoscopic Surgeons of Rajasthan)
3. Member of Jodhpur Gynecology & Obstetrics Society
4. AMASI: Association of Minimal Access Surgeons of India

National/ International Conferences attended:

1. Raj Endogynae Update on 5-6 September 2020
2. Webinar on Ovarian Stimulation on 18th July 2020 organised by IFS.
3. AOGD meeting on chronic ITP in pregnancy on 31st July 2020 by AIIMS, Delhi
4. CME on Rh iso-immunization. 24th August 2020
5. ICOG Journal Club Gynecologic Oncology on 9th September 2020

Name of Faculty : Dr. Garima Yadav

Designation : Associate Professor

Papers Presented:

1. Role of FIGO-PALM-COEIN classification of the underlying cause of AUB and clinic-pathological correlation: Retrospective analysis of patients undergoing hysterectomy in a Tertiary care centre of western Rajasthan at 42nd AOGD Conference, 26th oct-6th nov,2020, New Delhi.
2. Spectrum of congenital anomalies and preventable associated factors in northwest india: a tertiary centre study. 42nd Annual AOGD Conference: first fully virtual conference organized by the Institute of Obstetrics and Gynaecology, Sir Ganga Ram Hospital, New Delhi from 26th October to 6th November,2020.
3. Vault or gossypiboma: a clinical dilemma. yuvafogsi south zone, 20-21 march,2020

Sessions Chaired:

1. Moderator for panel on "Case based discussion on cancers in pregnancy" in the CME on "Cancers in pregnancy", AIIMS Jodhpur, on 18th March, 2021.

Resource Faculty:

1. Virtual CME on "Tips and tricks for prenatal invasive testing", 26th March,2021, AIIMS,Jodhpur- Organising secretary

Research Project:

Ongoing:

As Principal Investigator:

1. Utility of fallopian tube brush cytology as a screening tool for epithelial ovarian cancers in women undergoing Gynecological surgeries for benign and malignant conditions. [IMRG, AIIMS, Jodhpur]
2. Clinicoradiopathological correlation of endometrial and ovarian malignancies at AIIMS, Jodhpur
3. Clinical spectrum of Gestational Trophoblastic disease in a tertiary care center

As Co-Investigator:

1. Prediction of onset of labor by using anterior utero-cervical angle: a pilot study.
2. Red cell allo-immunization among antenatal women in AIIMS, Jodhpur and their fetomaternal outcomes.
3. Expression and association of Micro RNAs (miR 424, MIR519D) in pregnancies complicated by fetal growth restriction via mediation of KLF6 and MTI-MMP Pathways.
4. Clinical and cytological profile of HPV genotypes distributed in patients with or without cervical lesions in a tertiary care centre.

Completed:

As Principal Investigator

1. The role of Vaginal progesterone in delaying delivery following an episode of arrested preterm labor: a Randomized controlled trial
2. Questionnaire study among women with previous lower segment cesarean section regarding their concerns and views to ascertain decision for opting mode of delivery
3. Antenatal Non-Stress Test in Low Risk and High risk pregnancies: Towards Improving Maternal and fetal outcomes
4. Accidental diagnosis of genital malignancies in women undergoing hysterectomy for benign indications

As Co-Investigator:

1. Role of PALM-COEIN classification of abnormal uterine bleeding: a clinic-histopathological correlation.
2. A study of knowledge, attitude and practice of contraception among nursing staff in All India Institute of Medical Sciences, Jodhpur.
3. Comparison of vaginal lengths and sexual function after abdominal, vaginal and laparoscopic hysterectomy.
4. Spectrum of menstrual disorders among medical and nursing students in western Rajasthan and their knowledge and attitude towards menstruation

Scientific Awards/Patents

1. "Fellowship in Gynecologic Oncology" by the University of Kiel, Germany and obtained highest marks in the online exit exam for this course

Membership/Post in Journal or Society or Association

1. Abstract review committee member and Quiz committee member for World congress of "International federation of Cervical pathology and Colposcopy" to be held from 1st-5th July, 2021.

2. Reviewer in Obstetrics and Gynecologic Science, Journal of Cases in Obstetrics and Gynecology, Case Reports in Obstetrics and Gynaecology, Journal of Obstetrics & Gynecology, Journal of medical research, Cancer Management and Research- international open access indexed journals
3. Editorial board member of Cancer and Tumor review – an international open access journal, Revista Medicine and Journal of Women's Health Advancement
4. Executive member of Rajasthan State chapter of AGOI.
5. Organizing secretary of CME on "Cancers in Pregnancy" on 18th March, 2021 under the aegis of AGOI.

National/ International Conferences attended:

1. Completed online module and exam on "Enhanced Recovery After Surgery (ERAS)", Advanced course in Ovarian Cancer surgery and Masterclass of Gynecologic oncology and received 25 European CME credits (ECMEC) by the European Accreditation Council for Continuing Medical Education (EACCME).
2. MIS-Gyne-Onco CME series on 19th august, 2021.
3. Workshop on "Essentials of Medical Writing" organized by the Indian Association of medical Journal Editors (IAMJE) in August,2020.
4. One-week online training program on "Biostatistics for Medical Professionals" organized by Science-Tech institute, Lucknow from 02-08 November,2020.

Name of Faculty : Dr. Meenakshi Gothwal

Designation : Associate Professor

Papers Presented:

1. Role of FIGO PALM-COEIN classification of the underlying causes of abnormal uterine bleeding and clinicopathological correlation: Retrospective analysis of patients undergoing hysterectomy in a Tertiary care Referral centre of western Rajasthan (AOGD Conference)

Research Project:

Ongoing:

As Principal Investigator

1. Red cell alloimmunization among antenatal women in AIIMS Jodhpur and there fetomaternal outcome
2. Knowledge, attitude and awareness regarding fertility among women attending infertility OPD of AIIMS Jodhpur

As Co-Investigator

1. Expression of microRNAs (miR 187 & miR146) and their association with pro and anti-inflammatory cytokines (IL-18 & IL-10) and transcriptional factor NF- κ B in pregnancies complicated by Pre-eclampsia.
2. Utility of fallopian tube brush cytology as a screening tool for epithelial ovarian cancers in women undergoing Gynecological surgeries for benign and malignant conditions. Intramural Research Grant, AIIMS, Jodhpur.
3. Is QF-PCR, for prenatal diagnosis of chromosomal abnormalities in amniotic fluid samples, a substitute for conventional Karyotyping or Is it complementary- A comparative analysis.

4. Prenatal diagnosis of Non immune HydropsFetalis and their perinatal outcome- single centre experience.
5. Laparoscopic Neo-Vaginoplasty: Single Centre Experience
6. First trimester maternal serum PAPP-A and free-beta subunit hCG& NT (Combined Screen markers) and its association with adverse pregnancy outcome.
7. The measurements of 'normal vulva' of Indian women : a cross-sectional prospective study.
8. Clinico-radio-pathological spectrum of ovarian and uterine malignancies at AIIMS, Jodhpur: our experience
9. Clinical Spectrum of Gestational Trophoblastic Disease in a tertiary care center: a retrospective analysis.

Completed:

As Principal Investigator

1. Role of cervical cancer biomarkers P16 and Ki67 in abnormal cervical cytological smear.
2. Role of FIGO PALM COEIN classification in AUB: Retrospective study
3. Correlation in cervical cytology, colposcopy and histopathology for detection of pre-malignant lesion of cervix: A study from western Rajasthan.

As Co-Investigator

1. The role of Vaginal progesterone in delaying delivery following an episode of arrested preterm labor: a Randomized controlled trial
2. Questionnaire study among women with previous lower segment cesarean section regarding their concerns and views for opting vaginal delivery
3. Clinico-radio-pathological spectrum of ovarian and uterine malignancies at AIIMS, Jodhpur: our experience.
4. Accidental diagnosis of genital malignancies in women undergoing hysterectomy for benign indications.
5. Clinico-radio-pathological spectrum of ovarian and uterine malignancies at AIIMS, Jodhpur: our experience.

Scientific Awards/Patents

1. Certificate of Basic Obstetric Ultrasound by Fetal medicine foundation of India and obtained 81% marks in the online exit exam for this course.
2. Certificate by Fetal medicine foundation of India in Fetal Abnormities, USG and theory by online exit exam for the course.

Membership/Post in Journal or Society or Association :

1. Life member of FOGSI (Federation of Obstetrics & gynecology society of India)
2. Life member of AMASI (Association of Minimal access surgeons of India)
3. Life member of SFM (Society of Fetal Medicine)
4. Life member of AGOI (Association of gynecologic oncologists of India)

National/ International Conferences attended:

1. The 42nd AOGD Annual conference women health care in the current challenging scenario 23rd – 6th Nov 2020 (Online)

Name of Faculty : Dr. Priyanka Kathuria
Designation : Assistant Professor

Papers Presented:

1. Kathuria P, Yadav G, Singh P, Solanki V. Spectrum of congenital anomalies and preventable associated factors in northwest India: a tertiary center study. 42nd Annual AOGD Conference: first fully virtual conference. 26th October to 6th November 2020. Sir Ganga Ram Hospital, New Delhi.

Sessions Chaired:

2. Panelist at Recent updates in PCOS. Webinar. 04th May 2020.

Resource Faculty:

2. Virtual CME on "Tips and tricks for prenatal invasive testing", 26th March, 2021, AIIMS, Jodhpur
3. "Case based discussion on cancers in pregnancy" in the CME on "Cancers in pregnancy", AIIMS Jodhpur, on 18th March, 2021.

Research Project:

Ongoing:

As Principal Investigator

1. Expression and association of Micro RNAs (miR 424, miR 519D) in pregnancies complicated by fetal growth restriction via mediation of KLF6 and MTI-MMP Pathways. Intramural project.
2. Level of complacency on both ends in a telemedicine clinic

As Co-Investigator

1. Upfront Debulking Surgery or Delayed Surgery after Neoadjuvant Chemotherapy for Advanced Stage Epithelial Ovarian Cancer: Comparison of Survival from a Non-Cancer Tertiary Care Centre.
2. Clinical Spectrum of Gestational Trophoblastic Disease in a tertiary care centre: a retrospective analysis.
3. Clinico-radio-pathological spectrum of ovarian and uterine malignancies at AIIMS, Jodhpur: our experience.
4. Detection of subclinical LV dysfunction in PCOS patients: a Prospective case control study
5. Objective Structured Clinical Examination (OSCE) as a learning tool for post-graduate residents in the department of Obstetrics and gynecology- A two years' experience.
6. To evaluate the accuracy of hysterosalpingography (HSG) in predicting tubal blockage in infertile patients.
7. Comparison and assessment of performance of PREP-S, PIER-L, fullPIERS and mini-PIERS risk prediction models in patients of preeclampsia for predicting adverse maternal and fetal outcomes.

Completed:

As Principal Investigator

1. Prevalance and spectrum of major structural anomalies in fetuses and neonates at AIIMS, Jodhpur: understanding the risk factors

As Co-Investigator

1. Knowledge, attitude and awareness regarding fertility among women attending infertility OPD of AIIMS Jodhpur
2. Questionnaire study among women with previous lower segment cesarean section regarding their concerns and views for opting vaginal delivery
3. Clinico-radio-pathological spectrum of ovarian and uterine malignancies at AIIMS, Jodhpur: our experience.
4. Accidental diagnosis of genital malignancies in women undergoing hysterectomy for benign indications

Scientific Awards/Patents:

1. successfully cleared the online module and exam for “Training Course on Basic Infertility Management for Healthcare Professionals” organised by “The NATIONAL INSTITUTE OF HEALTH AND FAMILY WELFARE”
2. successfully cleared the online module and exam for “Basic training USG course” organised by “International Society of Ultrasound for Obstetrics & Gynecology
3. Awarded the degree for “DipMAS” (Diploma in Minimal Access Surgery) by Association of Minimal Access Surgeons of India (AMASI)
4. awarded “Pfizer fellowship” by ‘International continence Society’ at Utrecht University, New Zealand. This is still pending in view of the Pandemic.

Membership/Post in Journal or Society or Association:

1. Reviewer for “Journal of Case Reports and Images in Obstetrics & Gynecology”
2. Reviewer for “Journal of Pharmaceutical Research International”

National/ International Conferences attended:

1. 42nd Annual AOGD Conference: first fully virtual conference. 26th October to 6th November 2020. Sir Ganga Ram Hospital, New Delhi.

CME Report – 26th March 2021

Department of Obstetrics & Gynaecology, All India Institute of Medical Sciences, Jodhpur organized a CME on “Tips & Tricks’ of Prenatal Invasive Procedures on 26th March 2021. Fetal medicine being an upcoming branch in obstetrics has observed path breaking developments in the recent past. To keep ourselves updated with the advancements in this field and continuing with the last year’s initiative, we had organised this virtual CME focusing on the interventions in Fetal Medicine. The aim was to cover the practical tips and tricks in the Invasive prenatal procedures.

Prof. Pratibha Singh, Head of the Department (Obstetrics & Gynaecology, AIIMS, Jodhpur) and organizing chairperson of the CME addressed the invited faculty and attendees. The CME was graced by 4 national faculties as speakers. More than 200 Gynaecologists and Obstetricians from various parts of the country attended this CME. The attendees included the postgraduate residents from various medical colleges of Rajasthan and other states, medical officers and renowned practitioners of the city and other medical colleges.

The CME included interesting lectures on Genetics in Clinical Practice by (Prof.) Dr. Kuldeep Singh from AIIMS Jodhpur, Rh isoimmunisation and Intra-uterine Transfusion by Dr. VatslaDadhwal (Professor) from AIIMS Delhi, Amniocentesis and Chorionic Villous Sampling by Dr. Amita Pandey (Professor) from KGMU

Lucknow and Screening for Aneuploidies by Dr. SumitraBachani (Associate Professor) from VMMC and Safdurjung Hospital New Delhi.

Senior Professor of the city- Dr. B. S. Jodha gave his expert opinion and insights into practical problems faced during screening for aneuploidies. Dr. ShashankShekhar (Professor, AIIMS Jodhpur), Dr. Navdeep Kaur Ghuman (Additional Professor) and Dr. GarimaYadav (Associate Professor) chaired the sessions While Dr. ManishaJhirwal (Assistant Professor) and Dr. PriyankaKathuria (Assistant Professor) co-ordinated the question & answers session.

This two hours CME ended successfully with the vote of thanks given by the Organising Secretary, Dr. Charu Sharma, Associate Professor, Department of Obstetrics & Gynecology, AIIMS Jodhpur.

Despite being a virtual CME, the enthusiasm and interest of the attendees as noticed from their queries in the Q &A window was a source of encouragement for us to organise such targeted CMEs in the near future too.



Speakers during the virtual CME on “Tips & Tricks’ of Prenatal Invasive Procedures on 26th March 2021

All India Institute of Medical Sciences, Jodhpur
Invites you for a Virtual CME on

'Tips and Tricks' of Prenatal Invasive Procedures
Theme- Prenatal Diagnosis & Fetal Therapy

26th March 2021 3 pm to 5 pm

Dear Colleagues,
On behalf of the Department of Obstetrics & Gynecology, we welcome you all for an academic extravaganza highlighting the 'Tips & Tricks' of Prenatal Invasive Procedures. Please Join us with our renowned and eminent speakers to have an update on "Skills beyond theory."

Organized by the Department of Obstetrics & Gynecology
All India Institute of Medical Sciences, Jodhpur

Organising Team

Patron Dr. Sanjeev Misra (Director & CEO)	Organising chairperson Dr. Pratibha Singh (Professor & Head)	Organising Co-chairperson Dr. Shashank Shekhar (Professor)	Organising Secretary Dr. Charu Sharma (Associate Professor)
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Scientific Chairpersons:
Dr. Ranjana Desai, Dr. Navdeep Kaur Ghuman, Dr. Indra Bhatti, Dr. Garima Yadav

Co-ordinators
Dr. Manisha Jhirwal, Dr. Priyanka Kathuria

Faculty

Dr. Kuldeep Singh Professor & Head Dept. of Pediatrics AIIMS, Jodhpur	Dr. Vatsla Dadiwal Professor, Dept. of OBG, AIIMS, New Delhi	Dr. Anita Pandey Professor, Dept. of OBG, KGMU, Lucknow	Dr. Sumitra Bachani Associate Professor, Dept. of OBG, VMHC New Delhi
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Programme Highlights
Intra-uterine Transfusion- Step by Step Approach
Prenatal Screening of Aneuploidies
Techniques of Amniocentesis and CVS
Demystifying Genetics into Clinical Practice

Virtual CME on "Tips & Tricks' of Prenatal Invasive Procedures on 26th March 2021

World Down Syndrome Day Celebration (21st March 2021)

On the World Down Syndrome Day on 21st March 2021, the department of Obstetrics & Gynecology and the Department of Paediatrics made a collaborative effort to interact with parents of Down syndrome babies. An awareness lecture was given in Hindi to the parents regarding options for screening and diagnosis of Down syndrome in their unborn babies through prenatal testing. This was an online programme.



World Down Syndrome Day celebration (Virtual event)



During sessions of virtual event: World Down Syndrome Day celebration

CME Report: Cancers in pregnancy

Rajasthan state chapter of Association of Gynecologic Oncologists of India (AGOI) organized a webinar on “Cancers in Pregnancy” on 18th March, 2021. The webinar was coordinated by the department of Obstetrics and Gynecology, All India Institute of Medical Sciences, Jodhpur. The program started with the welcome address by the RSC-AGOI president Dr. RanuPatni and RSC-AGOI secretary Dr. Pratibha Singh. This was followed by a comprehensive lecture on “Gynecological cancers in pregnancy” by Dr. RashmiBagga, Professor Obstetrics and Gynecology, PGI, Chandigarh. The talk focused on commonly occurring gynecologic cancers in pregnancy including the management of pre-invasive lesions of cervix, cervical carcinoma, ovarian carcinoma and uterine sarcoma diagnosed during pregnancy.

The second session was on “Case based discussion on Cancers in pregnancy” which was moderated by Dr. GarimaYadav along with Dr. RanuPatni. Three interesting cases of early stage cancer cervix in pregnancy, dysgerminoma in pregnancy and ductal carcinoma of breast in pregnancy were discussed by the panel consisting of senior gynecologists from various medical colleges of Rajasthan including Dr. Pratibha Singh, Dr. Sudesh Agarwal, Dr. Indira Bhati, Dr. RashmiBagga and Dr. Vinay Vyas. The webinar was attended by 80 delegates and was concluded by a vote of thanks by. Dr. Pratibha Singh.

Department of Ophthalmology

S.No.	Name	Designation
1	Dr. Kavita R Bhatnagar	Professor and Head
2	Dr. Suwarna Suman	Assistant Professor
3	Dr. SeemaMeena	Assistant Professor
4	Dr. Jyoti Sakharawal	Assistant Professor
5	Dr. Manjari Tandon	Assistant Professor

About the Department:

The department of Ophthalmology at AIIMS, Jodhpur is working under the chief guidance of Professor and Head of department, Prof. Kavita R Bhatnagar, with four Assistant Professors. Qualitative and quantitative patient care services are provided in OPD, IPD and emergency. Various Ophthalmic Sub-specialties taken care of by the department includes Cataract, Glaucoma, Squint, Neuro-Ophthalmology, Retina, Pediatric Ophthalmology, ROP Screening and Trauma/Emergency services. It also has a Modular Operation Theatre with well-equipped operating rooms.

Both undergraduate and post graduate students are trained with highest quality of skill by using innovative technologies; clinically as well as surgical training. Teaching programme in the form of symposium, case presentations, journal clubs (physical and virtual both) are also organized for the students.

Due to COVID-19 pandemic, we switched to only telemedicine consultations from April 2020, and restrained physical OPDs were again restarted along with telemedicine from June 2020. From March 2020 to May 2021, a total of 13656 telemedicine consultations were attended by the department for various ocular complaints. Emergency and semi-emergency surgeries were conducted regularly with limited elective surgeries.

At present, we are well equipped with state of the art machines- Slit Lamps, Slit Lamps with digital camera, YAG laser machine, Humphrey Perimeter, RNFL OCT, OptosUltraWide Field Fundus Camera, PRP laser machine, Fundus Fluorescein Angiography (FFA) with IndocyanineGreen (ICG) Angiography, Zeiss microscope and a modern phacoemulsification machines (Alcon, Infinity; Abbott Medical Optics, Compact). The equipment's which are soon joining the armamentarium for the department of Ophthalmology are- ROP screening camera, laser indirect ophthalmoscopy, topography, Optical -Biometer, Specular Microscopy, Fundus Camera, USG A & B scan, Electrophysiological system, and Vitreo-Retinal operating set up.

CME organization on World Glaucoma Week along with PowerPoint presentation by the Dept. of Ophthalmology, at AIIMS, Jodhpur, from 7th-13th March 2021, during which public lectures, pamphlet distribution, puppet show in local language, role play by residents were also performed. Dept. had also organized a 'Vision chariot', which covered entire Jodhpur city along with pamphlet distribution to general population, to increase awareness about glaucoma related blindness.

A video presentation of entire glaucoma week programme has been selected for the 'Video Film festival' in the "9th World Glaucoma E-Congress."

The department had also organized various webinars in collaboration with Rajasthan Ophthalmic Society (ROS), Jodhpur Ophthalmic Society (JOS) and AIIMS, Delhi. Our residents were also motivated and presented few E-posters in National & International conferences.

Now in this epidemic of Rhino-orbital-cerebral-mucromycosis (ROCM) in COVID-19 era, department is actively participating in the patient evaluation and management for orbital mucormycosis.

Compiled list of Publications of the department**Papers****Pubmed Indexed:**

1. Meena S, Rakheja V, Sahu S, Rathore P. Traumatic avulsion of the globe with optic nerve transection: an unusual presentation. *BMJ Case Rep.* 2020 Oct 29;13(10):e233148.
2. Dada T, Bhai N, Midha N, Shakrawal J, Kumar M, Chaurasia P, Gupta S, Angmo D, Yadav R, Dada R, Sihota R. Effect of Mindfulness Meditation on Intraocular Pressure and Trabecular Meshwork Gene Expression: A Randomized Controlled Trial. *Am J Ophthalmol.* 2021;223:308-321
3. Shakrawal J, Mahalingam K. Tetracoria. *Ophthalmol Glaucoma.* 2021;4(1):19.
4. Shakrawal J, Dada T, Mahalingam K. Multimodality imaging aided diagnosis of early zonular dehiscence following laser peripheral iridotomy. *BMJ Case Rep.* 2020;13(8):e236689.
5. Sihota R, Shakrawal J, Sidhu T, Sharma AK, Dada T, Pandey V. Does Trabeculectomy meet the 10-10-10 challenge in PACG, POAG, JOAG and Secondary glaucomas? *Int Ophthalmol.* 2020;40(5):1233-1243.
6. Sihota R, Selvan H, Sharma A, Gupta N, Shakrawal J, Angmo D, et al. Severity of visual field defects in primary congenital glaucoma and their risk factors. *Graefes Arch Clin Exp Ophthalmol.* 2020;258(7):1483-1491.
7. Warjri GB, Sidhu T, Azmira K, Behera A, Shakrawal J, Selvan H, Dada T, Pandey V, Sihota R. Achieving low target intraocular pressures in severe glaucoma. *Eur J ophthalmol.* 2020; 8:1120672120979903.

Non-Pubmed Indexed:

1. Bhatnagar KR, Gupta D. School Eye Survey in Rural and Urban Population in Western India. *IJCO,* 2020, 1(1): 22-25.
2. Bhatnagar KR, Anushree, Solanki VK. A paradigm shift in the case profile of patients presenting to ophthalmic care facility in a tertiary health care center in the phase of covid19 pandemic. *IJDMSR,* 2020, 2(6): 181-84.
3. Agarwal SK, Pal VK, Sirohi YS, Sharma S, Suman S. Distribution of refractive errors among younger population in Rohilkhand area of Uttar Pradesh. *International Journal of Medical and Health Research.* 2020; 6(8): 52-55
4. Agarwal SK, Pal VK, Suman S, Sharma S. Anterior Rhino Horn Shaped Cataract. *International Journal of Contemporary Medical Research.* 2020;7(8):H1-2.
5. Yadav N, Sharma P, Panwar V, Shakrawal J, Azad SV. Choroidal Effusion with Neurosensory Detachment after Medial Transposition of Y split Lateral Rectus in Third Nerve Palsy'. *Indian J Ophthalmol, Case Rep.* 2021;1:299-301.
6. Shakrawal J, Dhiman R, Prasad P, Vora Z, Sharma S, Saxena R. Looking Beyond the Usual. *Delhi Journal of Ophthalmology.* 2020;30(4):77-79.

Name of Faculty : Dr. Kavita R. Bhatnagar

Designation : Professor & Head

Sessions Chaired:

1. As a panelist in Webinar on "Basics of OCT Angiography" organized by Jodhpur Ophthalmological Society on 30 Oct 2020, 7.30 pm-9.30 pm. (Online)

2. As a Chairman in Webinar on “Various Techniques of MSICS” organized by Rajasthan Chapter of ISMSICS (International Society of Manual Small Incision Cataract Surgeons) – (online)
3. As a panelist in West Bengal State Chapter of Association of Community Ophthalmologists of India (ACOIN), Kolkata, West Bengal, 2020. (Online)
4. As a Chairman in Webinar on “Problems in Surgery: What Next”, Glaucoma Week Celebrations” on 13th March 2020. (Online)
5. As a panelist in Webinar on “My Experience on ‘Activa’ Trinova” and Post –Covid 19 Safety Management with Patients, organized by Jodhpur Ophthalmological Society on 11 April 2021. (Online)

Invited Lectures

1. Talk on “Transition from SICS to Phacoemulsification: Need of the hour” in Webinar organized by RP Center, AIIMS, New Delhi and AIIMS, Bhubneshwar, on 28.08.2020. (Online)
2. West Bengal State Chapter of Association of Community Ophthalmologists of India (ACOIN), Kolkata, West Bengal, 2020.

Symposium Speaker

1. Invited Guest Lecture on “Infection, Inflammation and Toxic Complications following cataract Surgery: Endophthalmitis, TASS, TPSS, HORV” organized by Jodhpur Ophthalmological Society on 27 June 2020, 19.30-20.30 Hours.
2. Invited Guest Lecture on “IOP: More Than What Meets the Eye”, organized by Jodhpur Ophthalmological Society on 25 July 2020, 8.30 pm-9.30 pm.

Resource Faculty:

1. International Council of Ophthalmology (ICO) Curriculum Development
2. International Council of Ophthalmology (ICO) Center for Ophthalmic Educators.
3. External Subject expert in the panel of Standing Selection Committee for Faculty recruitment at RPSC (Rajasthan State Public Service Commission), Ajmer, Rajasthan.
4. Resource faculty, MCI Nodal Center, MUHS, Maharashtra.
5. Rajasthan State Counselor of Association of Community Ophthalmologists of India (ACOIN).

Research Project:

Ongoing:

As Principal Investigator

1. A study of retinal changes in women with Polycystic Ovarian Syndrome, AIIMS Jodhpur
2. Retinal thickness variation in patients with Gestational Diabetes Mellitus, AIIMS Jodhpur
3. A study of prevalence and risk factors of amblyopia in school going children belonging to 3-12 years age group.
4. Effect of topical anti-glaucoma medications on ocular surface: a prospective cohort study.
5. Digital eye strain (DES) online survey before and after Covid 19 pandemic era in medical students and faculty.
6. Study of the changing trends in the risk factors and type of Dry Eye Disease during Covid-19 pandemic.
7. Clinical Profile and Investigational Characteristics of Glaucoma Patients: A Retrospective Analysis.

8. Assessment of glaucoma severity and deterioration by using Spaeth/Richman Contrast Sensitivity (SPARCS) and its correlation with OCT and Visual field.
9. Comparative Study of Patient Outcome and Satisfaction with Telemedicine Versus Physical Consultation in Ophthalmology.

As Co-Investigator

1. Optical Coherence Tomography in Patients of Central Immune Mediated Demyelinating Diseases

Examinership

1. External Examiner, MS Ophthalmology, AFMC, Pune, July 2020.

Membership/Post in Journal or Society or Association

1. Member of the Editorial Board, International Council of Ophthalmology, Center for Ophthalmic Educators since December 2020.
2. Founder President of Rajasthan State Chapter, Association of Community Ophthalmologists of India (ACOIN)
3. Executive member of "The International Society of Manual Small Incision Cataract Surgeons" (ISMSICS)
4. Member of the Editorial Board of Indian Journal of Community Ophthalmology.

National/ International Conferences attended:

1. 37th World Ophthalmology Congress (WOC 2020 Virtual), 26-29 June 2020.
2. The Network: Towards Unity for Health"(Host Body WHO & FAIMER) – TUFH 2020 Mexico- Virtual International Conference, held on 23rd-25th Sep 2020.

Papers Presented:

1. "Battle against COVID-19 pandemic: Tele-consultation to the rescue" was presented at "The Network: Towards Unity for Health"(Host Body WHO & FAIMER) – TUFH 2020 Mexico- Virtual International Conference, held on 23rd-25th Sep 2020.
2. Vision Chariot: An Initiative by the Association of Community Ophthalmologists of India" was presented at "The Network: Towards Unity for Health"(Host Body WHO & FAIMER) – TUFH 2020 Mexico- Virtual International Conference, held on 23rd-25th Sep 2020.

Name of Faculty : Dr. Suwarna Suman

Designation : Assistant Professor

Research Project:

Ongoing:

As Co-Investigator

1. Retinal thickness variation in patients with Gestational Diabetes Mellitus, AIIMS Jodhpur

Examinership

1. Invited as a subject expert to contribute to the question bank in the specialty of Ophthalmology for National Board of Examination (NBE): Oct 2020.
2. Invited for paper setting of Ophthalmology for MBBS 3rd Prof. Examination March 2021, AIIMS Rishikesh.

3. Examiner MBBS IX Semester examination; 02 -04 Nov 2020.

Membership/Post in Journal or Society or Association

1. Life member of "Association of community ophthalmologists of India" since 2020

National/ International Conferences attended:

1. Webinar- Top Pearls in CATARACT SURGERY (AIOS ARC); 07March 2021.
2. Webinar- - Neuro Ophthalmology (AIOS ARC); 17Sep 2020
3. Webinar- Essential communication skills in Ophthalmology; May 2020
4. Webinar: 7 Cataract Surgery in Complexities - A Learning (AIOS ARC) July 2020

Name of Faculty : Dr. Seema Meena

Designation : Assistant Professor

Research Project:

Ongoing:

As Co-Investigator

1. Retinal thickness variation in patients with Gestational Diabetes Mellitus.
2. Primary stenting vs no stenting in Endo DCR: A randomized control trial

Membership/Post in Journal or Society or Association

1. Member of Jodhpur Ophthalmological Society

Name of Faculty : Dr. Jyoti Shakrawal

Designation : Assistant Professor

Books/Chapters

1. JyotiShakrawal; RohitSaxena. Inferior Oblique weakening surgeries. In Squint Surgeries. CBS Publishers Ltd;2020.

Sessions Chaired:

1. Management of Complex Strabismus, 71st Delhi Ophthalmological Society, DOS Annual Conference virtually/ hybrid; 18th-20th Dec 2020. (Online)
2. "What's New in my Specialty?-Gaucoma", in virtual 3rd AIOS YOSI Forum (All India Ophthalmological Society- Young ophthalmologists Society of India) CME; 16th-17th Jan 2021. (Online)

Symposium Speaker

1. Overview and classification of Secondary glaucoma, 71st Delhi Ophthalmological Society, DOS Annual Conference virtually/ hybrid; 18th-20th Dec 2020.

Research Project:

Ongoing:

As Co-Investigator

1. Effect of topical anti-glaucoma medications on ocular surface in glaucoma. A prospective cohort study.

2. Assessment of glaucoma severity and deterioration by using Spaeth/Richman Contrast Sensitivity (SPARCS) and its correlation with OCT and Visual field.
3. Comparative Study of Patient Outcome and Satisfaction with Telemedicine Versus Physical Consultation in Ophthalmology.

National/ International Conferences attended:

1. Association of Research in Vision and Ophthalmology, ARVO 2020, Virtual Annual Meeting held during 03/05/2020 to 07/05/2020. (Poster presentation on topic- Meditation increases Occipital Cortex Oxygenation in Primary Open Angle Glaucoma).
2. 71st Delhi Ophthalmological Society Annual Conference, DOS, virtually/ hybrid; 18th-20th Dec 2020. (Video presentation on topic 'Bleb Rescue Operations').
3. Participation in All India Ophthalmological Society, AIOS, Talent Search Series from Central Zone, held virtually on 11th Nov 2020. (Topic- Illuminated microcatheter assisted circumferential trabeculotomy in primary congenital glaucoma).

Name of Faculty : Dr. Manjari Tandon

Designation : Assistant Professor

Invited Lectures

1. "What's new in the management of Central Serous Chorioretinopathy" at 5th Qassimi Ophthalmology International Conference, Dubai, UAE, 13th-15th February, 2020.
2. "OCT Biomarkers in AMD showing things we never saw before-BEYOND BCVA" for a Webinar organised by Novartis on 30th May, 2020. (Online)

Research Project:

Ongoing:

As Co-Investigator

1. Assessment of glaucoma severity and deterioration by using Spaeth/Richman Contrast Sensitivity (SPARCS) and its correlation with OCT and Visual field.
2. Comparative Study of Patient Outcome and Satisfaction with Telemedicine Versus Physical Consultation in Ophthalmology.

Membership/Post in Journal or Society or Association

1. Uveitis society of India (USI) (USI-M18)
2. Chandigarh ophthalmological society (COS)(COS-158)

National/ International Conferences attended:

1. 5th Qassimi Ophthalmology International Conference, Dubai, UAE, 13th-15th February, 2020.

Workshops/ Conferences Organized

1. World Glaucoma Week, at AIIMS, Jodhpur, from 7th-13th March 2021.

Any other information:

The department had actively celebrated *World Glaucoma Week* from 7th- 13th March, 2021, based on the theme of "*Glaucoma: The Silent Thief of Sight*", wherein a CME for all health care professionals, various questionnaires with bar code & pamphlets distribution to the patients & their relatives attending the OPD to assess their knowledge regarding glaucoma along with free distribution of anti-glaucoma medications

to them, puppet show on glaucoma related blindness in local language and role play on glaucoma awareness prepared by residents were organized. A well decorated 'Vision chariot' was also organized which covered entire Jodhpur city to increase awareness on glaucoma related blindness in general population along with pamphlet distribution to them. A video presentation of entire glaucoma week programme has been selected for the 'Video Film festival' in the "9th World Glaucoma E-Congress."



Puppet Show & Role Plays to Create Awareness on Preventable Blindness



CME inauguration World Glaucoma Week (March 7-13, 2021)



World Glaucoma Week Celebration (March 7-13, 2021)



Flag off Ceremony of "VISION CHARIOT" for Glaucoma Awareness in Jodhpur

Department of Orthopaedics

S.No.	Name	Designation
1	Dr. AbhayElhence	Professor& Head
2	Dr. Sumit Banerjee	Additional Professor
3	Dr. NiteshGahlot	Associate Professor
4	Dr. Sandeep KumarYadav	Assistant Professor
5	Dr. Saurabh Gupta	Assistant Professor
6	Dr. PrabodhKantiwal	Assistant Professor
7	Dr. NileshBarwar	Associate Professor (Trauma & Emergency)

About the Department

The Department of Orthopaedics, like any other department of the Institute of Medical Sciences, Jodhpur and in fact all over the country and globally has been instrumental in managing and giving services for the Covid-19 pandemic. The past 1.5 years have been exceptional in the lives of almost everyone globally,irrespective of the profession, vocation and walk of life and there is no one who has not been affected by the pandemic. Each and every member of the department has contributed and conducted their roles as humanitarians, academicians, clinicians, family members, friends, colleagues and sufferers as and how the pandemic has affected each one of us. The pandemic time is an exceptional time in the lives of all and despite the fact that each one of us have suffered on personal and professional stand points, each one of us has tried to survive and support and continue to perform our duties as medical professionals. There can be nothing more from and for all medical professional in this COVID-19 time

Compiled list of Publications of the department:

Papers

Pubmed Indexed:

1. Kunal K, Banerjee S, Garg PK, Elhence A. Apixaban or enoxaparin: Which is better for thromboprophylaxis after total hip and total knee arthroplasty in Indian patients. Br J ClinPharmacol. 2021;1-6.
2. Banerjee S, Gupta A, Elhence A, Choudhary R.J. Arthroscopic Subtalar Arthrodesis as a Treatment Strategy for Subtalar Arthritis: A Systematic Review. Foot Ankle Surg. 2021 Sep-Oct;60(5):1023-1028.
3. Elhence A, Sureka B, Garg MK, Bhardwaj P, Kanchan T, Sinha A, Bhatia PK, Nag VL, Kothari N, Dutt N, Bhaskar S, Tak V, Bishnoi N R, Misra S. Preparing for a COVID-19 pandemic: Redefining roles of multidisciplinary team in a large tertiary hospital in Rajasthan. J Family Med Prim Care 2020.
4. Gupta A, Elhence A. Use of endoprostheses for proximal femur metastases results in a rapid rehabilitation and low risk of implant failure--A prospective population-based study. Bone Oncol. 2020 Feb 5;21:100279.
5. Sureka B, Sinha A, Tak V, Garg MK, Bhatia PK, Bhardwaj P, Nag VL, Dutt N, Elhence A, Bhaskar S, Bishnoi A, Chauhan N, Bishnoi NR, Misra S. Customized personal protective equipment (PPE): Solution to conservation and management of supplies during the coronavirus disease 2019 (COVID-19) pandemic. J Family Med Prim Care. 2020 May 31;9(5):2180-2182.

6. Jalan D, Rathore KS, Elhence A, Kumar Yadav S, MaleyDK. Stress Fracture of Bilateral Neck of Femur in a Healthy Non-athletic Young Adult - A Case Report With Review of Literature. *Cureus*. 2020 Oct 27;12(10):e11193.
7. Barwar N, Elhence A, Banerjee S, Gahlot N, Does a staged treatment of high energy tibial plateau fractures affect functional results and bony union? A case series. *Chinese Journal of Traumatology*, 2020; 23(4), 238-42
8. Kantiwal P, Gupta S, Yadav SK, Elhence A. Letter to the Editor with reference to "Gin Way Law, Yoke Rung Wong, Antony Gardner and Yau Hong NG. Intramedullary nailing confers an increased risk of medial migration compared to dynamic hip screw fixation in unstable intertrochanteric hip fractures.". *Injury*. 2021 Mar 7:S0020-1383(21)00229-1.
9. Kantiwal P, Gupta S, Yadav S, Elhence A. Letter to the editor with reference to "Zhang BB, Hu H, Zhan S, Mei J, Zhu Y, Luo CF. Biomechanical analysis of "Barrel hoop plate" technique for the posterolateral fragments of tibial plateau fractures with different displacement tendency". *Injury*. 2021 Mar 4:S0020-1383(21)00167-4.
10. Jalan D, Rathore K, ElhenceA, Yadav SK. (October 27, 2020) Stress Fracture of Bilateral Neck of Femur in a Healthy Non-athletic Young Adult – A Case Report With Review of Literature. *Cureus* 12(10): e11193.
11. Abhishek KS, Shrimali T, Tak V, Nag VL, Banerjee S, Khera S. Primary pelvic echinococcosis though uncommon but not rare. *Tropical Parasitology*, 2020: 10(2). Epub ahead of print.
12. Gupta A, Netaji J, Banerjee S. The Utility of Leukocyte Esterase Strip Test in the Diagnosis of Pediatric Septic Arthritis. *J PediatrOrthop*. 2021 Jan;41(1):e99-e100. PMID: 32852365.
13. Banerjee S, Gupta A, Jeshwanth N. Acute Kidney Injury Secondary to Rhabdomyolysis: A Rare Complication of Low-Energy Trauma. *Journal of Orthopaedic Case Reports* 2021 January;11(1): 16-19.
14. Collaborative C, Collaborative G. Timing of surgery following SARS-CoV-2 infection: an international prospective cohort study. *Anaesthesia*. 2021
15. Collaborative C, Collaborative G. SARS-CoV-2 vaccination modelling for safe surgery to save lives: data from an international perspective cohort study. *British Journal of Surgery*. 2021 Mar 24.
16. Banerjee S, Sahanand KS. Managing Chondral Lesions: A Literature Review and Evidence-Based Clinical Guidelines. *Indian Journal of Orthopedics (JOIO)* 2021:55(2), 252–262.
17. Gahlot N. Isolated Deep MCL tear: an easily missed injury and cause of persistent medial side knee pain. *Orthop J Sports Med*. 2021 Jul 2;9(6 suppl2):2325967121S00187.
18. Regional and experiential differences in surgeon preference for the treatment of cervical facet injuries: a case study survey with the AO Spine Cervical Classification Validation Group. *Eur Spine J*. 2021 Feb;30(2):517-523. doi: 10.1007/s00586-020-06535-z. Epub 2020 Jul 22. PMID: 32700126
Canseco JA, Schroeder GD, Patel PD, Grasso G, Chang M, Kandziora F, et al. AO Spine Cervical Classification Validation Group.
19. Establishing the injury severity of subaxial cervical spine trauma: validating the hierarchical nature of the AO spine subaxial cervical spine Spine (Phila Pa 1976). 2021 May 15;46(10):649-657. doi: 10.1097/BRS.0000000000003873. PMID: 33337687; PMCID: PMC8057527. Schroeder GD, Canseco JA, Patel PD, Divi SN, Karamian BA, Kandziora F, et al., AO Spine Cervical Classification Validation Group.
20. Yadav SK, Kar BK, Banta A, Kumar A. Creating Backup Management Resources for Spine Care during the Coronavirus Disease 2019 Pandemic. *Asian Spine J*. 2020 Jun; 14(3):382-384. doi: 10.31616/asj.2020.0193. Epub 2020 May 14.

21. Yadav SK, Nayak B, Mittal S. New approach to second metacarpophalangeal joint dislocation management: the SKY needling technique. *European Journal of Orthopaedic Surgery & Traumatology: OrthopedieTraumatologie*. 2020 Jul.
22. Parija D, Kar BK, Das P, Yadav SK et al. Septic arthritis of knee due to *Burkholderiapseudomallei*: a case report. *Tropical Doctor*. 2020 Jul;50(3):254-257.
23. Agrawal AC, Yadav SK, Ojha MM, Rakshit J. Giant Ewing's Sarcoma of the Body of the Scapula. *J Orthop Case Rep*. 2020;10(8):27-29.
24. Yadav SK, Khatana S, Kumar A. Re: Covid-19 and ortho and trauma surgery: The Italian experience. *Injury*. 2020 Jul;51(7):1683. doi: 10.1016/j.injury.2020.04.034. Epub 2020 Apr 28.
25. Kumar A, Yadav SK. Closed Posterior Dislocation of Ankle without Associated Fractures: A Case Report. *J Foot Ankle Surg Asia-Pacific* 2021; 8 (1):33-35.
26. Agrawal AC, Kowshik S, Ojha MM, Rakshit J, Choudhary R, Yadav SK. Primary Coverage of Donor Site Using Expanded Meshed Skin Graft in a Polytrauma Patient with Degloving Injury of Foot. *J OrthopTraumatolRehabil* 2020;12:162-4
27. Verma S, Agrawal AC, Nayak B, Kar B, Sakale H, Yadav SK. Surgical anatomy of distal radius and surgical approaches for distal radius fractures. *J Orthop Dis Traumatol* 2020;3:30-5
28. Kujur VV, Agrawal AC, Rakshit J, Sakale H, Kar BK, Yadav S. Classification systems of distal radius fractures. *J Orthop Dis Traumatol* 2020;3:36-40
29. Yadav SK, Agrawal AC, Ranjan R, Das RN, Sakale H, Kar BK. External fixator for distal radius fracture. *J Orthop Dis Traumatol* 2020;3:49-52
30. Kar BK, Singh AK, Kaushik S, Yadav SK, Sakale HS, Agrawal AC. Outcome of comminuted distal-end radius fracture managed with Ulna-Carpal and distal radius stabilization using percutaneous K-wires. *J Orthop Dis Traumatol* 2020;3:53-7
31. Agrawal Alok Chandra, Mittal Sameer, SakaleHarshal, Yadav Sandeep kumar. Complications following fracture neck of femur treated with austinmoorehemiarthroplasty: A rare case report. *Journal of Orthopedics, Traumatology and Rehabilitation* 2020 Jan; 12(1): 102-105
32. Malhotra R, Gupta S, Gupta V, Manhas V. Navigated Unicompartmental Knee Arthroplasty: A Different Perspective. *ClinOrthop Surg*. 2021;13:e49.
33. Gautam D, Gupta S, Malhotra R. Total hip arthroplasty in acetabular fractures. *J ClinOrthop Trauma*. 2020 Nov-Dec;11(6):1090-1098.
34. Gautam D, Malhotra R, Gupta S. Clinical and Radiological Outcome of Patients Undergoing Bilateral Simultaneous Total Hip Arthroplasty in Patients with Ankylosing Spondylitis with Bony Ankylosis of Both Hips and Spinopelvic Deformity Using 3D Model Based Protocol vs Conventional Technique: A Single Blind Cluster Randomized Controlled Trial. *Journal of the American College of Surgeons*. 2020; 231.
35. Kantiwal P, Vatsya P, Mittal S, Trikha V. Do short carbon fiber-reinforced polyetheretherketone proximal femoral nails in treatment of hip fractures have the potential to put an end to peri implant fractures? *Injury*. 2020 Dec;51(12):2992. doi: 10.1016/j.injury.2020.10.005. Epub 2020 Oct 2.

Name of Faculty : Dr. Abhay Elhence

Designation : Professor & Head

Books/Chapters

1. External fixation in Pelvic fractures- Elhence A, Gupta A. *Handbook of Orthopaedic Trauma Implantology* by Springer

2. Screw fixation in pelvi-acetabular fractures- Sen R, Elhence A, Saini G. Handbook of Orthopaedic Trauma Implantology by Springer
3. Total Hip Replacement in ProtrusioAcetabuli – Principles of Reconstruction and technique; Elhence A, Banerjee S, Gupta A; in book Total Hip Arthroplasty –Current directions and future by Springer

Papers Presented and Invited lectures and Sessions chaired:

1. Open Surgery in FAI. AIIMS Rishikesh Annual Symposium; 4th Sept, 2021
2. Advanced DMOADS, targeted therapies, Cell based therapies and personalized therapies for Osteoarthritis. IOA National symposium on New frontiers in OA therapy. 3rd Sept, 2021
3. Resource faculty in European Masters Pelvic Course, Germany on PELVI-Acetabular fractures. Case presentation and Invited talk. 2nd Sept, 2021
4. Convener of the IAA Symposium on Total Knee Arthroplasty for Varus Knees, 21st August, 2021
5. Invited Guest faculty on Panel discussion on Pelvi-acetabular fractures in TOSACON 2021, 6-8th August, 2021
6. 2 Invited talks as guest faculty and 2 free papers in Asia Pacific Orthopaedic Association Annual Meeting , 29th-31st July, 2021
7. Invited Guest faculty on UPOA Arthroplasty Symposium, 16th July, 2021
8. Chief coordinator, Resource faculty and Course Chairman of the 3rd Dundee, Basic Pelvi-acetabular Symposium, Dundee , UK on 16th July, 2021
9. Chief Coordinator and Resource faculty of ROSA Mid-term trauma Symposium on Pelvi-acetabular fractures, 12th July, 2021
10. Evolution of pain management with NSAIDS in Rheumatology. IOA Current concepts review National webinar series on Rheumatology update. 25th June, 2021
11. Case presentation and Panel discussion on THA for complex Primary hips scenarios. 14th Jun, 2021
12. Invited faculty in “Peer to Peer Expert Opinion Meeting in Primary and Complex Primary Arthroplasty”, 12th June, 2021
13. Morel Lavallee lesion. IOA Pelvi-acetabular Committee Web series on “Pelvi-acetabular fractures; What every Orthopod must know”; 6th June, 2021
14. Invited guest faculty and resource person for AOPAS Web series on Emergency Management in PA trauma, 20th May 2021
15. Invited guest faculty in Clinical Grand Rounds by JPN AIIMS Delhi and DOA. Transverse and T fractures, 2nd May, 2021
16. Invited Guest faculty for UP Ortho CON 2021; 21st March, 2021 Management of Anterior Column fractures of the Acetabulum.
17. Invited Guest faculty for Basic Pelvi-acetabular Course , Ahmedabad 13-14th March, 2021 – 2 talks, Short case discussion group and video demonstration of SI joint fixation
18. Invited Guest faculty on Complex Primary and Revision Hip Arthroplasty; 20th Feb, 2021
19. Invited Guest faculty for KOACON 2021; 30-31st Jan, 2021 Classification and Decision Making in acetabular fractures

Research Project:

Ongoing:

As Principal Investigator

1. Incidence of proximal Deep Vein thrombosis In elderly Hip Trauma Patients : Comparison of mechanical only and combined mechanical and enoxaparin Prophylaxis : A CT based prospective randomized study
2. Safe Surgical Corridor for the Infra-Acetabular screw placement- anthropometric CT based study.
3. Prospective cohort study to find correlation between bone mineral density and outcome of fracture neck of femur.

As Co-Investigator

1. Correlation between Gross Anatomical and Radiological Evaluation for attachments of medial and lateral ligament of knee joint in cadavers of Indian origin
2. Association of socioeconomic status with incidence and severity of musculoskeletal trauma
3. Tug and Ilas scores as early predictors for long term functional outcome in patients undergoing hip and knee arthroplasty
4. Factors affecting and functional effects of hamstring tendon regeneration in patients with anterior cruciate ligament reconstruction using hamstring tendon autograft at 6 months follow up - A prospective study.
5. Comparison between contoured rod and straight rod in restoration of segmental and regional lumbar lordosis in single level open transforaminal lumbar interbody fusion
6. Biomechanical factors in patellofemoral pain syndrome : A cross-sectional study.
7. Evaluation of proximal humerus fracture outcome and effect of fracture type on postoperative avascular necrosis of head and fragment collapse.
8. Evaluation of proximal humerus fracture outcome and effect of fracture type on postoperative avascular necrosis of head and fragment collapse.
9. Intra-observer and inter-observer variability in measurements of carrying angle of the elbow using clinical and radiological methods

Completed:

As Principal Investigator

1. Comparative evaluation of thrombotic events with tourniquet use during full length of surgery vs only at cementation in Total Knee Arthroplasty.
2. Safety and Efficacy of apixaban and enoxaparin in patients undergoing total hip arthroplasty and total knee arthroplasty:A Prospective Observational Study.
3. Anatomical factors & functional status affecting knee pain and quality of life in patients with moderate to severe osteoarthritis knee.

As Co-Investigator

1. Effect of platelet Rich plasma on healing of autologous graft following ACL reconstruction: A Randomized Control trial.

Examinership

1. PG External Examinership at AIIMS Rishikesh, Era Medical College Lucknow, Subharati Medical College, Meerut

2. Examiner for National Board of examinations
3. External Expert and REVIEWER for Extra mural and funded projects for AIIMS Delhi
4. Reviewer for JCOT, IJO, Clinical Surgery Research Communications
5. Reviewer and Advisory Board member of "Journal of Orthopaedic Diseases and Traumatology"

Membership/Post in Journal or Society or Association

1. Executive council member 2021-2024 AO TRAUMA India, Elected June, 2021
2. Secretary of Asia Pacific Hip Society 2021-2023, Elected July 2021

Name of Faculty : Dr. Sumit Banerjee

Designation : Additional Professor

Research Project:

Ongoing:

As Chief Investigator

1. Comparative efficacy of Platelet Rich Plasma injection and Hyaluronic Acid injection in the treatment of Periarthritis shoulder.
2. Radiological evaluation of the femoral canal morphology and the stem- canal fit in patients undergoing Total Hip Arthroplasty.

As Co-Investigator

1. Prevalence, Diagnosis & Treatment Outcome of Non-tuberculous Mycobacteria in India: A Multicenter Project.
2. Effectiveness of institution based, goal-oriented rehabilitation in children with developmental delay disorder.

Completed

As Chief Investigator

1. To explore MiR-24 and Th17/Treg-imbalance as markers for disease activity in patients with rheumatoid arthritis and its correlation with clinical assessment of disease activity.
2. How the Practice of orthopedics changed during Covid-19 pandemic: an analysis of online survey?
3. Evaluation of patient and doctor perception toward the effectiveness and satisfaction of telemedicine in orthopaedics during COVID 19 pandemic.

As Co-Investigator

1. Does a staged treatment of high energy tibial plateau fractures affect functional results and bony union?

Papers/Poster presented:

1. Presentation on "Intraarticular Fractures of Distal Femur- Current Management Concepts". IOACON2020NE Momentum Webinar, September 2020
2. Presentation on "Meniscus Ramp lesion treatment" IAS- ROSA webinar- All About Meniscus, September 2020

Invited Lectures in Conferences/ Workshops:

1. Lecture on “Transfer to definitive Care” ATLS Provider Course, March 2021 Jaipur
2. Lecture on “Initial Assessment and management” ATLS Provider Course, March 2021 Jaipur.
3. Lecture on “Spine and Spinal Cord Trauma” ATLS Provider Course, March 2021 Jodhpur.
4. Lecture on “Initial Assessment Teaching Principles”. ATLS Instructor Course, February 2021 Jodhpur.
5. Lecture on “ Principles of teaching a psychomotor session”. ATLS Instructor Course, February 2021 Jodhpur.

Membership:

1. American College of Surgeons (Fellow)
2. AO Trauma
3. Indian Orthopedic Association (IOA)
4. SICOT
5. Indian Society for Trauma and Acute Care (ISTAC)
6. International Cartilage Research Society (ICRS)
7. Indian Cartilage Society (ICS)
8. Indian Arthroplasty Association (IAA)
9. Indian Arthroscopic Society (IAS)

Conference/Workshop attended:

As Faculty/Resource person

1. ATLS Instructor Course, Jaipur, March 2021 (Course Director)
2. ATLS Provider Course, Jodhpur, March 2021 (Organising Secretary and Faculty)
3. ATLS Instructor Course, Jodhpur, Feb 2021 (Organising Secretary and Course Director)
4. JOSS National Webinar- Decision making in Distal Femur Fractures, September 2020 (Panelist)
5. IAS- ROSA webinar- All About Meniscus, September 2020 (Faculty)
6. IOACON2020NE Momentum Webinar- Complex/ Complicated Intraarticular fractures, September 2020 (Faculty)
7. Midterm ROSACON 2020, July 2020 (Faculty)
8. ROSA webinar- Arthroscopy: Multi-ligament Injuries of the knee, May 2020 (Faculty)
9. Jaipur Shoulder Knee Course Web CME, April 2020 (Faculty)

As Delegate

1. AO Trauma Online Masters Course, December 2020.
2. ACS Clinical Congress, October 2020. (FellowshipConvocation)
3. SICOT Pioneer Webinar- Robotic Knee Arthroplasty, September 2020
4. American College of Surgeons (ACS)- Quality and Safety Conference, August 2020.
5. IFFAS-SICOT Foot and Ankle Webinar, August 2020.
6. SICOT Pioneer Webinar -Global Solutions in the management of Multiligament Knee Injuries. July 2020.
7. SICOT- ICRS Webinar- Cartilage Defects in 2020: How do I deal with them, July 2020.

Name of Faculty : Dr. Nitesh Gahlot
Designation : Associate Professor

Invited Lectures in Conferences/ Workshops:

1. "Isolated Deep MCL tear: An easily missed injury & cause of persistent medial side knee pain". Faculty presentation in the 2nd International Knee Day, March 2021.
2. "Shoulder Instability", "Tips and tricks of pilon fractures" Faculty lectures in the Mini-IOACON. March 2021

Resource person:

1. Faculty at the Mid-term ROSACON in the SHOULDER TRAUMA section. July 2020.
2. "Ortho Academia 2020" under the aegis of Asia Pacific Orthopedic Association (APOA). October 2020.
3. Faculty Panelist in the Indian Arthroscopy Society (IAS) Webinar. "Basic Arthroscopy Skills: Triangulation techniques". June 2020.

Membership:

1. Elected as the Executive Council member of the Young Surgeons' Forum (YSF) of the Asia Pacific Orthopaedic Association (APOA).
2. AO Trauma Faculty and Member
3. AO Spine Member

Research Project:

Ongoing

As Principal Investigator:

1. Evaluation of knee ligament injuries and outcome assessment of surgical and non-surgical management.
2. Effectiveness of local platelet rich plasma injection in fracture site in delayed union of closed diaphyseal long bone fractures.
3. Outcome assessment of the subtalar arthroscopy.
4. Reliability assessment of ten column classification of tibial plateau fractures as compared to standard classification systems.
5. Age and gender matched constant score in normal shoulders of Indian population.
6. Description of trauma patients in the emergency department of a tertiary care hospital in northwest India.
7. Critical radiological and functional outcome analysis of proximal humerus fracture patients.
8. Effectiveness of back school program in chronic low back pain in different occupational settings at a tertiary care set-up. Ongoing

Completed

As Principal Investigator:

1. Radiographic analysis of sagittal spino-pelvic balance in asymptomatic population and backache patients.

Membership/Post in Journal or Society or Association

1. Elected as the Executive Council member of the Young Surgeons' Forum (YSF) of the Asia Pacific Orthopaedic Association (APOA).
2. AO Trauma Faculty and Member
3. AO Spine Member

National/ International Conferences attended:

1. 2nd International Knee Day. March 2021.
2. Ranawatorthopaedic Conference (ROC) 19th Winter Meeting, "Advances and Techniques in Joint Replacement Surgery and Arthroscopy". February 2021.
3. SICOT –APOA PIONEER live webinar: Primary ACL repair. Nov 2020
4. SICOT- EHS PIONEER live webinar: Robotics and other innovations in THA. Nov 2020.
5. 2nd Congress of the APOA Young Surgeons' Forum (YSF). March 2021.
6. Mini-IOACON. March 2021.
7. Mid-term ROSACON. July 2020.
8. "Ortho Academia 2020" under the aegis of Asia Pacific Orthopedic Association (APOA). Oct 2020.
9. Indian Arthroscopy Society (IAS) Webinar. "Basic Arthroscopy Skills: Triangulation techniques". June 2020. (Online)
10. One-week online training program on Biostatistics for Medical Professionals organized by Sciences Tech Institute. Nov 2020.

Awards:

1. Rajasthan Orthopaedic Surgeons' Association (ROSA) Award for the Best Publication – Case Report in a peer reviewed journal, 2020.
2. Awarded the Scoliosis Research Society (SRS) Global Outreach Program Travelling Fellowship.

Any other information:

Editorial / Review services:

1. Reviewer for the leading journals: Indian Journal of Orthopedics (IJO), Orthopedic traumatology: surgery and research (OTSR), Journal of Clinical Orthopedics and Traumatology (JCOT).

Name of Faculty: Dr. Saurabh Gupta

Designation: Assistant Professor

Date of Joining: 17 December 2020

Papers presented:

1. Poster Presentation on "Short Stem Total Hip Arthroplasty For Osteonecrosis Of The Femoral Head In Young: Minimum 5 Years Follow Up" at Virtual EFFORT Congress 2020

Membership/Post in Journal or Society or Association

1. SICOT, Active member
2. IOA, Life member

National/ International Conferences attended:

1. Attended ICMR National Online Workshop on “How To Practice Evidence Based Medicine”, January 2020
2. Attended Indian Society of Hip and Knee Surgeons (ISHK) Webinar on ‘Total Hip Arthroplasty in Tuberculosis’ in December 2020

Name of Faculty: Dr. Prabodh Kantiwal

Designation: Assistant Professor

National/ International Conferences attended:

1. ATLS Provider Course at AIIMS, Jodhpur

Life Membership:

1. Indian Orthopaedic Association (IOA) – (LM - 13234)
2. International Society for Knowledge for Surgeons on Arthroplasty and Arthroscopy (ISKSAA) – (LM – 1998)
3. Association for the Study of Application and Methodology of ILIZAROV (ASAMI-INDIA) – (LM – 652)

Department of Otorhinolaryngology

S.No.	Name	Designation
1	Dr. Amit Goyal	Professor and Head
2	Dr. Bikram Choudhury	Additional Professor
3	Dr. KapilSoni	Associate Professor
4	Dr. Darwin	Associate Professor (Till 21 st November, 2020)
5	Dr. Vidhu Sharma	Assistant Professor

About the Department

This year every activity was influenced by the Covid-19 Pandemic.

All the faculty and residents were involved in this fight for humanity and made significant contribution in combating this harsh reality. It included contributing in administration as well as clinical care.

We kept our Departmental academics and clinics continued for UGs and PGs via online platform. It also involved the attendees from other institutes and colleges. The Exams were also conducted via online platforms. The first batch of PG residents came out with flying colors, have secured thesis publications as well as Senior Residency in prestigious Institutes.

The research activities and contribution in the Department increased tremendously, which is reflected in the number of publications.

Various activities were organized to keep the residents' morale high in these tough times, observing Covid appropriate behavior. The world hearing day was also celebrated in innovative way and Social Media was used to fulfil its goals.

The Department has also stepped towards healthcare innovations and contributed in development of products for safety of healthcare professionals from Covid-19 while discharging their duties in operating rooms/ICUs etc.

Compiled list of Publications of the department:

Papers

Pubmed Indexed:

1. Kaushal D, Nair NP, Soni K, Goyal A, Choudhury B, Rajan N. Endoscopy in Otorhinolaryngology during Corona outbreak: A proposal for safe practice. Indian J Otolaryngol Head Neck Surg. 2020 Aug 13:1-6.
2. Kaushal D, Gugliani A, Sharma V, Goyal A, Choudhury B, Soni K. Identifying the facial nerve in parotid surgeries: How we do it. 2021 Mar;33(115):93-96.
3. Sharma A, Kumar S, Jain N, Vyas V, Goyal A, Goyal S, Kothari N. Airway in the airway. Turk J AnaesthesiolReanim2021; 49: 90-91.
4. Jain S, Sharma V, Patro SK, Khera P, Yadav T, Tiwari S, Kaushal D, Soni K, Goyal A. Correlation of cochlear nerve cross-sectional area and auditory performance after cochlear implantation in prelingual children with bilateral profound hearing loss. Int J PediatrOtorhinolaryngol. 2020Oct;137:110173.
5. Singhal P, Nagaraj S, Verma N, Goyal A, Keshri A, Kapila RK, Agarwal S, Sharma MP. Modified Veria Technique for Cochlear Implantation by Postaural Approach. Indian J Otolaryngol Head Neck Surg. 2020 Sep;72(3):370-374.

6. Sharma AK, Patel S, Meena D, Sahu RK, Goyal A, Garg PK, Kumar M. Large sternal exostoses presenting as stridor: A surgical and anesthetic challenge. *J Card Surg.* 2020 Sep;35(9):2388-2391.
7. Kaushal D, Nair NP, Goyal A, Sharma V, MS V. Venous Ectasia of Retromandibular Vein and Common Facial Vein: A Rare Clinical Entity. *Turk ArchOtorhinolaryngol* 2020; 58(4):282-285
8. Kaushal D, Verma AK, Sharma V, Elhence P and Kumar P. RosaiDorfman Disease: Bull Neck Versus Moon Facies: A balancing Act? A Diagnostic and Therapeutic Dilemma. *IJCMCR.* 2020; 6(4): 003
9. Nair NP, Kaushal D, Rao M, Soni K, Vaithankalath S. Evaluation and Management of an Uncommon Tumor of the Larynx: A Case Report and Literature Review of Laryngeal Low-Grade Myofibroblastic Sarcoma. *Cureus.* 2020 Oct 21;12(10):e11072.
10. Kaushal D, Rajan N, Aneja J, Nathvani M, Shukla R. Acute Psychosis Consequent to Total Thyroidectomy: An Etiological Conundrum. *Cureus.* 2020;12(7):e9244. doi:10.7759/cureus.92448.
11. Kumar M, Rao M, Elhence P, Kaushal D, Yadav T. Schwannoma of head-and-neck region: A clinical chameleon – Report of two cases occurring at rare sites with unusual clinical manifestations. *J Oral MaxillofacPathol* 2020;24:164-7.
12. Mandal S, Khan MA, Banerjee P, Kaushal D, Borha G. A safe, effective and often forgotten modality for emergent treatment of myeloproliferative isolated thrombocytosis: interesting learning points from therapeutic plateletapheresis of two Polycythemia Vera patients. *J ClinApher* 35(6); November 2020.

Non-Pubmed Indexed:

1. Sameema VV, Kaushal D, Soni K, Choudhury B, Goyal A. Tubercular mastoiditis masquerading as Squamosal Chronic Suppurative Otitis Media. *ActaScientificOtolaryngol.* 2020;2:9.
2. Kaushal D, Kunnumal ND. Great Auricular Nerve: An Epitome of Sensory Morbidity in Parotid Surgery. *Austin J Anat.* 2020; 7(1): 1093.
3. Kaushal D, Mohan V. Non-Ossifying Fibroma of Maxilla. *Austin J Otolaryngol.* 2020; 7(2): 1114.
4. Kaushal D, Nandi S, Kumari M, Kumar P. Being the shield to COVID-19: the front-liners in the fight. *J Otolaryngol ENT Res.* 2020;12(5):176–177.

Name of Faculty: Dr. Amit Goyal

Designation: Additional Professor and Head

Books/Chapters:

1. Sharma V, Nair NP, Goyal A. Pediatric Vestibular Disorders – A Difficult Entity. In *Complicated Cases in Vertigo and Dizziness* Volume 2 Ed. Kacker S. Published by Kontenworx, New Delhi 2020.

Sessions Chaired:

1. Moderated sessions during Webinar Series by the Neuro-otological&Equilibrimetric Society of India (NES India) in May-June 2020.
2. Moderated session during a live surgical demonstration webinar focused on Advances in Otolaryngology and Lateral Skull base Surgeries organized by Thane branch of AOI on 20th December, 2020

Invited Lectures:

1. Facial Nerve. Presented during Virtual 9th ENT PG Update organized by Maulana Azad Medical College, New Delhi on 5th& 6th December, 2020.
2. Presented as National trainer for State Training of Trainers for Ayushman Bharat – Health & Wellness Centers conducted by National Health Systems Resource Centre (A technical support Institution with

National Health Mission under Ministry of Health & Family Welfare, Government of India) on 25th March, 2021.

Resource Faculty:

2. Surgical Device Development Module of MMT, PhD and Dual degree courses by AIIMS Jodhpur and IIT Jodhpur.

Research Project:

Ongoing:

As Principal Investigator

1. Expression of Beta Defensin in Head & Neck Cancers
2. Assessment of use of Protection Box for Tracheostomy during COVID-19 pandemic
3. Locked Down but not Locked out! Challenges and opportunities in providing telepractice (speech therapy) for pre-lingual deaf paediatric cochlear implantees during COVID-19 pandemic in a resource constrained setting: Our Preliminary Experience.
4. A comparative review of Neuro-vascular swellings of Head & Neck.
5. Minion to monster: spectrum of papillary carcinoma and lessons learnt

As Co-Investigator

1. ICMR funded multi-centric project on Surveillance of Congenital Rubella Syndrome
2. Detection of 22q11.2DS in neonates suspected to have hearing loss detected during neonatal hearing screening – a pilot study
3. Evaluation of frequency of regulatory T cells in cases of oral Sq Cell Ca
4. Stenting versus no stents during Endoscopic DCR – a randomized study
5. Intraoperative parathormone monitoring guided parathyroid gland excision in sporadic primary hyperparathyroidism
6. A retrospective analysis of factors affecting outcome in patients with rhinocerebralmucormycosis at AIIMS, Jodhpur
7. Assessment of use of Protection Box for Intubation/Extubation during COVID-19 pandemic
8. Perceptions about PPE during surgery in Covid 19 pandemic
9. Effect of prolonged use of face masks on nasal mucocilliary functions
10. Hearing loss in patients with COVID-19: A prospective case control study
11. To study factors affecting outcomes in managing tracheo bronchial foreign bodies
12. Changes in investigation and management patterns of ENT emergencies in a tertiary care hospital during COVID era. A retrospective review with historical controls

Scientific Awards/Patents:

1. IndoSweden Healthcare Innovations Challenge 2020 Winner

Examinership:

1. MBBS, AIIMS, Jodhpur
2. Thesis evaluator at Gujarat University, Ahmedabad and Rajasthan University of Health Sciences, Jaipur.
3. Paper setter for MS for various universities.
4. DNB (Otorhinolaryngology) Paper setter and examiner

Membership/Post in Journal or Society or Association:

1. Fellow of American College of Surgeons

National/ International Conferences attended:

1. Webinar Series by the Neuro-otological&Equilibrimetric Society of India (NES India) in May-June 2020.
2. Live surgical demonstration webinar focussed on Advances in Otology and Lateral Skull base Surgeries organized by Thane branch of AOI on 20th December, 2020
3. Virtual 9th ENT PG Update organized by Maulana Azad Medical College, New Delhi on 5th& 6th December, 2020.
4. National trainer for State Training of Trainers for Ayushman Bharat – Health & Wellness Centres conducted by National Health Systems Resource Centre (A technical support Institution with National Health Mission under Ministry of Health & Family Welfare, Government of India) on 25th March, 2021.
5. OSCE Item Writing Workshop organized by the National Board of Examinations, New Delhi on 9th& 10th February, 2021.
6. Attended Resurgence TiEcon Delhi-NCR 2021 from 27-30 January 2021.
7. 21st Annual meeting of Foundation of Head Neck Oncology, Trivandrum, 17-19 Sept, 2021
8. AOI Digital Summit, 19-20th February 2021

Name of Faculty: Dr. Bikram Choudhury

Designation: Additional Professor

Papers/Posters Presented:

1. Voice &Pharyngocoloplasty at 9th Annual Conference of the Laryngology & Voice Association – 28 Feb 2021
2. Presented poster at FHNOCON-2020 “Impact of Covid-19 – The effect on patients with Ca Larynx & Ca Hypopharynx in a tertiary care center in India” – 13 Dec 2020
3. Presented poster at FHNOCON-2020 “Assessing the effects of Personal Protective Equipments on the outcomes of patients undergoing Head and Neck Surgeries” – 13 Dec 2020
4. Presented poster at FHNOCON-2020 “Assessing the impact of PPE on the duration of an Aerosol Generating Surgical Procedure” – 13 Dec 2020
5. Presented poster at the 9th Annual Conference of Laryngology & Voice Association – A Retrospective analysis of effect of PPE on laryngeal surgeries at a tertiary care centre” – 27 Feb 2021
6. Presented poster at the 9th Annual Conference of Laryngology & Voice Association –“The Impact of COVID-19 on elective laryngeal surgeries in a tertiary care center in India” – 27 Feb 2021

Sessions Chaired:

1. Fourth Session of International webinar on Pediatric airway problems – 26th July, 2020.

Research Project:

Ongoing:

As Principal Investigator

1. Detection of 22q11.2DS in neonates suspected to have hearing loss detected during neonatal hearing screening – A Pilot Study

Examinership:

1. Undergraduate Examiner, Final MBBS, SN Medical College, Jodhpur in 2020

National/ International Conferences/Webinars attended:

1. Rhinology patients' pathway and hospitals' capacity post Covid-19 outbreak held on 02 May 2020 (Online).
2. Advanced Pediatric Endoscopic airway Surgery organized by the NewYork-Presbyterian Hospital/Weill Cornell Medical Center on 25 Jun 2020 (Online).
3. Update on the evaluation and management of superior canal dehiscence syndrome organized by the Department of Otolaryngology-Head and Neck Surgery, Harvard Medical School.– 18 Jun 2020 (Online).

Name of Faculty: Dr. Kapil Soni
Designation: Associate Professor

Papers Presented:

1. S Nandi, Choudhury B, Kaushal D, Soni K, Goyal A. Impact of COVID-19: The effect on patients with Carcinoma Larynx & Hypopharynx in a tertiary care Centre in India. FHNO 2021(Online).
2. D Prakash, Choudhury B, Soni K, Kaushal D, Goyal A. To assess the impact of PPE on the duration of an aerosol generating surgical procedure. FHNO 2021(Online).
3. Das N, Patro SK, Kaushal D, Pareek P, Dixit A, Choudhury B, Soni K, Goyal A. Correlation of tumor and treatment characteristics to dose received by cochlea in patients of head and neck carcinoma treated with volumetric arc therapy. FHNO 2021(Online).
4. Das N, Patro SK, Kaushal D, Pareek P, Dixit A, Choudhury B, Soni K, Goyal A. Relative contributions of radiation and cisplatinbased chemotherapy to the sensorineural hearing loss in head neck cancer patients. FHNO 2021(Online).

Invited Lectures:

1. Guest lecture in Webinar on “ Osteotomy & Middle Vault in Rhinoplasty” on 14 June 2021 organized by FRCSI (Facial Reconstruction & Cosmetic Surgery(India)
2. Guest lecture in Webinar on “ Osteotomies in Rhinoplasty” on 9th October 2021 organized by RSI(Rhinoplasty Society of India)

Research Projects:

Ongoing:

As Principal Investigator

1. Hearing loss in Dengue: A prospective case control study
2. Hearing loss in Covid-19 : a pilot study

As Co-Investigator.

1. Beta defensin expression in malignant head and neck tumors. AIIMS, Jodhpur
2. Detection of 22q11.2DS in neonates suspected to have hearing loss detected during neonatal hearing screening – a pilot study. AIIMS Jodhpur.
3. Stenting versus no stents during Endoscopic DCR – a randomized study.

4. Characterization of Monster thyroids.
5. Intraoperative monitoring in parathyroid surgery.
6. Minion to Monster: Spectrum of papillary carcinoma and lessons learnt.
7. Intraoperative parathormone monitoring guided parathyroid gland excision in sporadic hyperparathyroidism.

Completed:

As Principal Investigator

1. A Comparative study of pre & postoperative facial satisfaction and quality of life in patients undergoing Rhinoplasty using FACE-Q Appraisal Scale
2. Prevalence and difficulties in management of Head and Neck cancers in western Rajasthan- an Institutional study.

National/ International Conferences attended:

1. 21st Annual meeting of Foundation of Head Neck Oncology, Trivandrum, 17-19 September, 2021
2. AOI Digital Summit, 19-20th February 2021
3. OSCE Item Writing Workshop organized by the National Board of Examinations, New Delhi March, 2021.

Name of Faculty: Dr. Darwin Kaushal

Designation: Associate Professor

Papers Presented:

1. Kaushal D. Management of Parathyroid Adenoma- Alumni Academic Extravaganza 2020, November 2020, PGIMER Chandigarh, India.
2. SaptarshiMandal, Md. Atik Khan, Pradip Banerjee, Darwin Kaushal, Gopal Bohra "A safe, effective and often forgotten modality for emergent treatment of myeloproliferative isolated thrombocytosis: interesting learning points from therapeutic plateletapheresis of two Polycythemia Vera patients." ASFA (American Society for Apheresis) annual meeting 2020 at Austin, TX, USA
2. S Nandi, Choudhury B, Kaushal D, Soni K, Goyal A. Impact of COVID-19: The effect on patients with Carcinoma Larynx & Hypopharynx in a tertiary care Centre in India. FHNO 2021(Online).
3. D Prakash, Choudhury B, Soni K, Kaushal D, Goyal A. To assess the impact of PPE on the duration of an aerosol generating surgical procedure. FHNO 2021(Online).
4. Das N, Patro SK, Kaushal D, Pareek P, Dixit A, Choudhury B, Soni K, Goyal A. Correlation of tumor and treatment characteristics to dose received by cochlea in patients of head and neck carcinoma treated with volumetric arc therapy. FHNO 2021(Online).
5. Das N, Patro SK, Kaushal D, Pareek P, Dixit A, Choudhury B, Soni K, Goyal A. Relative contributions of radiation and cisplatinbased chemotherapy to the sensorineural hearing loss in head neck cancer patients. FHNO 2021(Online).

Research Project:

Chief Investigator

1. Evaluation of frequency of regulatory T cells in cases of oral squamous cell carcinoma.(Funded)
2. Primary stenting vs no stenting in Endo DCR: A Randomized controlled trial (Non-Funded)
3. Minion to Monster: Spectrum of Papillary Carcinoma and lessons learnt. (Non-Funded)

4. Is Tymapanomastoid suture a better landmark than Tragal pointer for identifying the facial nerve? (Non-Funded)
5. Intraoperative parathormone monitoring guided parathyroid gland excision in sporadic primary hyperparathyroidism. (Non-Funded)

Co-Investigator

1. Detection of 22q11.2DS in neonates suspected to have hearing loss detected during neonatal hearing screening – A Pilot Study
2. Comprehensive analysis of role of MMP9, MMP13, TIMP1 and p16 in Head and Neck Cancer. (Funding agency- AIIMS, Jodhpur)
3. Status of Otological training in India. AIIMS, Jodhpur
4. Audiological Profile in Dengue Fever. AIIMS, Jodhpur.
5. A Comparative study of pre & postoperative facial satisfaction and quality of life in patients undergoing Rhinoplasty using FACE-Q Appraisal Scale. AIIMS, Jodhpur. Hearing loss in Dengue: A prospective case control study.

Examinership:

1. UG External Examiner- S N Medical College, Jodhpur, Nov 2020.

Membership/Post in Journal or Society or Association:

1. Executive body Member of Neuro-Otological&Equilibrimetric Society of India
2. Member of European Head and Neck Society.
3. Reviewer of Journal of Otolaryngology and ENT Research
4. Reviewer of AS Otolaryngology Journal

National/ International Conferences attended:

1. Alumni Academic Extravaganza 2020, November 2020, PGIMER Chandigarh, India.

Name of Faculty: Dr. Vidhu Sharma

Designation: Assistant Professor

Books/Chapters:

1. Sharma V, Nair NP, Goyal A. Pediatric Vestibular Disorders – A Difficult Entity. In Complicated Cases in Vertigo and Dizziness Volume 2 Ed. Kacker S. Published by Kontenworx, New Delhi 2020.

Research Project:

Ongoing:

As Co-Investigator

1. Locked down but not left out! Evaluation of challenges and opportunities in providing tele-practice (speech therapy) for pre-lingual deaf pediatric cochlear implantees during COVID-19 pandemic in a resource constrained setting
2. Hearing loss in patients with COVID-19: A Prospective Case Control Study
3. Assessment of use of Protection Box for intubation/extubation during COVID-19 pandemic

Departmental Awareness Program for World Hearing Day on 3rd March 2021

World hearing day is an awareness campaign held by the World health organization on March 3rd, each year, with a theme. Good hearing and communication, at all stages of life are important to stay connected

with the environment and other humans. There has been increase in the morbidity of living with unaddressed hearing impairment and ear diseases, which can otherwise be treated with timely intervention. The theme for this year, 2020/21 was “Hearing Care for all- Screen. Rehabilitate. Communicate.” In addition to the theme, this year marked the launch of the World Report of Hearing, which shed a light on the mismatch between the hearing loss and availability of services and resources in low and middle income countries and providing guidance for the member states to integrate ear and hearing care into their national health plans.

The Department of Otorhinolaryngology AIIMS Jodhpur, celebrated World Hearing Day on 3rd March 2021. With the launch of the World Report on Hearing, it was realized that about 80% of hearing loss is preventable. About 1 billion young adults at risk of developing permanent, avoidable hearing loss which can be prevented following simple ear hygiene practices. Taking forward the spirit of the theme and keeping the ongoing pandemic in mind, we realized that it was very important to spread awareness to identify hearing loss and seek help. We made pamphlets in English and Hindi which shared stories and experiences of real patients in whom early identification, intervention and rehabilitation brought a change in their life. Employing easily understandable words, the message of addressing the need to identify and rehabilitate the hearing impaired and mainstreaming them into society, was delivered which was appreciated by the readers which comprised of patients and civilians. Apart from this, various educational videos were made, addressing the topics- “Prevention”- in high risk occupations by using ear protective equipment and maintaining proper ear hygiene, “Intervention”- for early identification of hearing loss in life by neonatal screening and providing appropriate management by hearing aids or Cochlear implantation and “Rehabilitation”- to identify the hearing impairment amongst the geriatric population and to explain the various options of rehabilitation in order to avoid their social isolation. These videos used real life people and were launched on the AIIMS, Jodhpur Official YouTube channel on 3rd of March and were released on social media platforms to spread awareness amongst the general population.



**All India Institute of Medical Sciences Jodhpur
Presents**

**Say No to Silence, No to Noise
Save your Hearing - MAKE THE CHOICE**

World Hearing Day- AIIMS Jodhpur: Do you
think earphones are safe? ✓

Awareness video on 'Neonatal Hearing Screening' released on World Hearing Day 2021



Awareness Video on 'Noise Induced Hearing Loss' released on World Hearing Day 2021



Three awareness videos released by the Dean (Academics) Prof. Kuldeep Garg and the Medical Superintendent Prof. M.K. Garg on the World Hearing Day 2021

Department of Pathology & Lab Medicine

S. No.	Name	Designation
1	Dr. Poonam Elhence	Professor & Head
2	Dr. Jyotsna Naresh Bharti	Associate Professor
3	Dr. Abhishek Purohit	Associate Professor
4	Dr. Aasma Nalwa	Associate Professor
5	Dr. Meenakshi Rao	Associate Professor
6	Dr. Sudeep Khara	Associate Professor
7	Dr. Deepak Vedant	Assistant Professor
8	Dr. Vikarn Vishwajeet	Assistant Professor
9	Dr. Divya Aggarwal	Assistant Professor
10	Dr. Balamurugan T	Assistant Professor

About the Department

With the goal of providing standard diagnostic services in health care, the Department of Pathology & Lab Medicine is working with fully operational Histopathology, Cytopathology and Hematology wings. The Department is moving towards establishing molecular diagnostic tests, cytogenetic studies and increased use of novel predictive and prognostic immunohistochemical markers in oncology in the era of personalized medicine.

A wide range of samples are processed in Cytopathology ranging from CSF, Urine, BAL Fluid, Sputum, cervical smears, Buccal smear and Direct and Guided aspirate from superficial and deep seated lesions. Currently, the Department offers over a 120 immunohistochemical antibodies in its diagnostic services

There has been a moderate increase in the workload in this period as compared to the previous years. The following tests were carried out by the Department of Pathology from 01st April 2020 to 31st March 2021 89730 CBC, 10414 ESR, 8735 PBF, 25830 Prothrombin Time, 35100 Activated Partial Thromboplastin time, 3015 Fibrinogen, 248 bone marrow examination, 590 HPLC, 846 Factor VIII, 218 Factor IX, 661 APCR, 786 Anti-thrombin, 782 Protein C, 782 Protein S, Lupus anticoagulant 794, 15213 Urine Microscopy, 752 Fine needle aspiration cytology, 2522 Fluid cytology, 685 Cytology cell blocks, 424 Pap smears, 57 Review Cytology cases, 30900 Histopathology blocks, 155 Frozen Sections, 425 Review Histopathology cases, 8374 Special stains, 6241 Immunohistochemistry, 107 Direct immunofluorescence, 47 Forensic autopsy cases and 6 Fetal autopsies. COVID-19 minimally invasive autopsies are being carried out.

Several new instruments have been installed in the Department during this period: FUS 2000 Urine analyser, STA satellite max and ELISA reader.

The Department has a strength of ten faculty members with expertise in different sub specialties. The Faculty is actively involved in undergraduate and postgraduate teaching and research activities. The Department conducts regular teaching, grossing and microscopy sessions for post-graduate students. Currently, 23 post-graduate students and 1 Fellow for Cytopathology post-doctoral fellowship are enrolled. 13 Senior Residents are currently working in the Department. Besides this, all the Faculty and Residents give their substantial time and efforts for the teaching and practical training of MBBS students. Specialized training programs in subspecialties of pathology such as Dermatopathology, Renal pathology and Hematopathology are being introduced from this year.

In the AIIMS IIT Joint teaching program, multiple seminars were conducted by our faculty in tumour biomarkers and precision medicine in conjunction with Department of Biochemistry. Many intramural projects (funded and non-funded) and extramural projects such as “DHR-ICMR Advance Medical Oncology Diagnostic Services (DIAMOND)” and “Placental pathology in COVID positive patients” are being carried out.

New Services like Indirect immunofluorescence testing have been started.

Compiled list of Publications of the department:

Papers

Pubmed Indexed:

1. Bharti S, Nalwa A, Rajendran M, Rao M, Elhence PA. Pilomatricoma with florid osseous metaplasia: A common tumor with rare histopathological finding. *J Cutan pathol.* 2021;48(3):422-24
2. Kumar M, Rao M, Elhence P, Kaushal D, Yadav T. Schwannoma of head-and-neck region: A clinical chameleon – Report of two cases occurring at rare sites with unusual clinical manifestations. *J Oral Maxillofac Pathol* 2020;24:164-7.
3. Sarangi S, Khera S, Elhence P, Meena S, Yadav T, Madhubala. Pilomatrical Carcinoma of the Scalp in a Setting of Pilomatricoma and Trichilemmal Cysts—a Rare Entity. *Indian J Surg* 2020;83:318-320.
4. Gosal JS, Shukla K, Praneeth K, Tiwari S, Garg M, Bhaskar S, Elhence P, Jha D, Khera S. Coexistent pituitary adenoma and frontal convexity meningioma with frontal sinus invasion: A rare association. *Surg Neurol Int* 2020;11:270.
5. Khera S, Elhence P, Jayakumar D, Gupta A. A rare case of sacral metastasis of unknown follicular thyroid carcinoma radiologically mimicking as chordoma. *J Family Med Prim Care.* 2021 Feb;10(2):1047-1049
6. Gupta D, Vishwajeet V, Pandey H, Singh M, Sureka B, Elhence P. Epithelioid angiomyolipoma with tumor thrombus in IVC and right atrium. *Autops Case Rep.* 2020 Sep 2;10(4):e2020190.
7. Vishwajeet V, Soni S, Elhence P, Khera S. Giant lipoma of descending colon masquerading as a colonic malignancy. *BMJ Case Rep.* 2021 Feb 4;14(2):e237517.
8. Vishwajeet V, Elhence P, Singh P, Ghuman NK. Alveolar Soft Part Sarcoma of Uterine Corpus in a Young Female: A Case Report With Review of Literature. *Int J Gynecol Pathol.* 2021 May 1;40(3):272-277.
9. Shadrach BJ, Vedant D, Vishwajeet V, Jain P, Dutt N, Surekha B, Pareek P, Abhay Elhence P. Endobronchial pulmonary blastoma - an unusual presentation of a rare lung malignancy and review of literature. *Monaldi Arch Chest Dis.* 2020 Jul 30;90(3).
10. Chauhan NK, Elhence P, Deokar K, Dutt N, Sharma PP, Kuwal A, Kumar S, Niwas R. Vascular patterns on narrow band imaging (NBI) video bronchoscopy of lung cancer patients and its relationship with histology: an analytical cross-sectional study. *Adv Respir Med.* 2021;89(1):30-36
11. Motiwala T, Rathod KJ, Jadhav A, Shaikh M, Elhence P, Paliwal B, Sinha A. Congenital Melanocytic Nevus with Scrotal Mass: A Diagnostic Dilemma. *J Indian Assoc Pediatr Surg.* 2021 Mar-Apr;26(2):133-135
12. Bharti S, Vishwajeet V, Pandey H, Elhence PA. Villous adenoma of the renal pelvis: a common entity at an uncommon location. *Autops Case Rep.* 2021;11:e2021283
13. Sharma R, Thirunavukkarasu B, Elhence P, Rodha MS, Sureka B. Eosinophilic Solid and Cystic Renal Cell Carcinoma: From Unclassified to Classified, A Case Report *Turk Patoloji Derg.* (2021) (Online Epub ahead of print) 10.5146/tjpath.2021.01531
14. Sharma R, Thirunavukkarasu B, Elhence P, Vishnoi JR. Invasive solid papillary carcinoma with invasive lobular and invasive breast carcinoma, no special type: a rare association. *BMJ Case Rep.* 2021 May 20;14(5):e243628

15. Chugh A, Mittal Y, Khatana S, Mishra A, Bhattacharya S, Bharti JN. Primary Oral Mucosal Melanoma: A Case Series. *J. Maxillofac. Oral Surg.* (2021). (Online) doi: 10.1007/s12663-021-01537-w
16. Pathania YS, Rajagopal S V, Bharti JN, Budania A. Unilateral Acral Keratotic Papules and Punctate Pits: Challenge. *Am J Dermatopathol.* 2021 Mar 1;43(3): e30-e31.
17. Bharti JN, Soudamini AB, Kaushal D. Scary black nodes. *Diagnostic Cytopathology.* 2021;1–5.
18. Bharti S, Bharti JN, N, Lodha M: Common Presentation of an Uncommon Small Intestinal Lymphoma: A Rare Case Entity. *Gastrointest Tumors* 2021. Apr;8(2):47-51
19. Bharti S, Bharti J, N, Sinha A, Yadav T: Common and Rare Histological Variants of Hepatoblastoma in Children: A Pathological Diagnosis and Review of the Literature. *Gastrointest Tumors* 2021;8:41-46.
20. Bharti JN, Choudhary GR, Madduri VK, Yadav T. Mucinous tubular and spindle cell carcinoma: A difficult diagnosis. *Urol Ann* 2021;13:180-2.
21. Bharti S, Bharti JN, Vishnoi JR, Soudamini AB. A rare case of intraductal papilloma with atypical ductal hyperplasia in a male breast: A pathological diagnosis. *J Fam Community. Med* 2020; 27:216-8.
22. Bharti JN, Vishnoi JR. Goblet Cell Carcinoma- A Rare Tumour with Unusual Presentation. *J Gastrointest Cancer.* 2021 Jun;52(2):742-745
23. Srinivasan VR, Singh S, Bharti JN, Vedant D. Terbinafine-induced DRESS syndrome mimicking eosinophilic cellulitis. *J Eur Acad Dermatol Venereol.* 2021 Feb;35(2):e145-e147
24. Bharti S, Bharti JN, Puranik A, Anju G. Incidental Finding of Primary Mucinous Adenocarcinoma of Gall Bladder: A Histopathological Diagnosis. *J Gastrointest Cancer.* 2021 Mar;52(1):320-324.
25. Akbar N J M, Shekhawat RS, Gorchiya A, Meshram VP, Bharti JN. Forensic implications of pituitary macroadenoma: An autopsy case report. *J Forensic Leg Med.* 2020 Jul;73:101991.
26. Bharti V, Bharti JN, Varshney VK, Yadav T. Mixed Neuroendocrine-Non-Neuroendocrine Neoplasms (MiNEN) of Pancreas: A Rare Entity-Worth to Note. *BMJ Case Rep* 2020 Apr 27;13(4): e234855.
27. Pallagani L, Choudhary GR, Pandey H, Madduri VKS, Singh M, Gupta P, Shrivastava N, Baid G, Rao M, Nalwa A, Pareek P, Misra S. Epidemiology and Clinicopathological Profile of Renal Cell Carcinoma: A Review from Tertiary Care Referral Centre. *J Kidney Cancer VHL.* 2021;8(1):1-6
28. Yadav G, Rao M, Goyal SB, Singh P, Kathuria P, Gothwal M. Risk of incidental genital tract malignancies at the time of myomectomy and hysterectomy for benign conditions. *Obstet Gynecol Sci.* 2021 Mar;64(2):209-215.
29. Gupta D, Gupta A, Nalwa A, Yadav T, Chaudhary R, Rao M. Cytopathologic findings in histiocytic sarcoma of thyroid mimicking as anaplastic carcinoma: A report of a rare case with review of literature. *Diagn Cytopathol.* 2021 Jun;49(6):E218-E221
30. Pathania Y, Rao M, Budania A. Drug reaction with eosinophilia and systemic symptoms (DRESS) syndrome: an unusual presentation with multiple follicular papules. *Indian Dermatol Online J* 2021;12:467-8
31. Nair NP, Kaushal D, Rao M, Soni P, Vaithankalath. Evaluation and Management of an Uncommon Tumor of the Larynx: A Case Report and Literature Review of Laryngeal Low-Grade Myofibroblastic Sarcoma. *Cureus.* 2020 Oct 21;12(10):e11072
32. Tiwari S, Yadav T, Pamnani J, Shukla K, Rao M, Gosal JS. Primary Spinal Epidural Extrasosseous Ewing's Sarcoma with Brachial Plexus Infiltration. *Asian J Neurosurg.* 2020;15(4):1068-71
33. Tak A, Singh P, Yadav G, Rao M. 46XX pure gonad dysgenesis with Leydig cells: a unique presentation. *Int J Reprod Contracept Obstet Gynecol.* 2020; 9(6):2619-2621.
34. Singh S, Rajagopal SV, Kour N, Rao M, Rao R. Platelet-rich-plasma and becaplermin gel as effective dressing adjuvants for treating chronic non-healing ulcers in patients with junctional epidermolysis bullosa. *J Am Acad Dermatol* 2020. <https://doi.org/10.1016/j.jaad.2020.05.016>

35. Gothwal M, Nalwa A, Singh P, Yadav G, Bhati M, Samriya N. Role of Cervical Cancer Biomarkers p16 and Ki67 in Abnormal Cervical Cytological Smear. *The Journal of Obstetrics and Gynecology of India*. 2020 Nov 18:1-6.
36. Bains A, Singh S, Dutt N, Asfahan S, Vedant D, Nalwa A. *Medicopsis romeroi* infection presenting as disseminated nodules and sinuses in a patient with chronic rheumatoid arthritis. *Journal of the European Academy of Dermatology and Venereology*. 2021 Jan;35(1):e70-2.
37. Ghuman N, Mathew P, Nalwa A. Unruptured ovarian ectopic gestation: a rare clinical scenario. *International Journal of Reproduction, Contraception, Obstetrics and Gynecology*. 2020 9(6), 2632-2634
38. Purohit AH, Sarangi S, Kumar D, Bohra GK, Saha S, Pandey H. Is priapism a common presentation of chronic myeloid leukemia in an adolescent patient. *Cardiovascular & Hematological Disorders Drug Targets*. 2021 Mar 31.
39. Purohit AH, Bharti S, Kumar D, Bohra GK, Khichar S. Pseudothrombocytosis in a Case of Beta-thalassaemia Intermedia Masquerading as Myeloproliferative Neoplasm. *Current Medical Imaging*. 2021 Mar 10.
40. Mittal J, Kumar P, Goyal JP, Purohit A. Haemophagocytic lymphohistiocytosis secondary to brucellosis in a young child. *BMJ Case Reports CP*. 2021 Mar 1;14(3):e240759.
41. Purohit A, Singh K, Kalla AR, Bohra M, Kumar M, Saini S. Evaluation of β -Thalassaemia Cases for Common Mutations in Western Rajasthan. *Indian Journal of Hematology and Blood Transfusion*. 2021 Feb 22:1-5.
42. Didel S, Purohit A, Vyas V, Kumar P. Disseminated tuberculosis in children—a difficult diagnose depends on how far we can go. *BMJ Case Reports CP*. 2020 Dec 1;13(12):e237192.
43. Neogi SB, Sharma J, Pandey S, Zaidi N, Bhattacharya M, Kar R, Kar SS, Purohit A, Bandyopadhyay S, Saxena R. Diagnostic accuracy of point-of-care devices for detection of anemia in community settings in India. *BMC health services research*. 2020 Dec;20:1-9.
44. Sarangi S, Kumar D, Purohit A. *Histoplasma capsulatum* in the Peripheral Blood Smear: A Rare Occurrence. *Indian Journal of Hematology and Blood Transfusion*. 2020 Sep 30:1-3.
45. Kumar M, Purohit A, Pramanik S, Saini S. Evaluation of Factors Affecting Awareness About Beta-Thalassaemia in Western Rajasthan. *Journal of Family Medicine and Primary Care*. 2020 Sep;9(9):4801.
46. Bansal Y, Maurya V, Aggarwal N, Tak V, Nag VL, Purohit A, Goel AD, Bohra GK, Singh K. Thrombocytopenia in malaria patients from an arid region of Western Rajasthan (India). *Tropical Parasitology*. 2020 Jul;10(2):95.
47. Aneja J, Kuppili PP, Paul K, Panda S, Purohit A. Antiphospholipid syndrome presenting as treatment resistant bipolar disorder and thrombocytopenia in a young male. *Journal of neuroimmunology*. 2020 Jun 15;343:577238.
48. Chauhan NK, Shadrach BJ, Garg MK, Bhatia P, Bhardwaj P, Gupta MK, Dutt N, Jalandra RN, Garg P, Nag VL, Sharma P, Bohra GK, Kumar D, Elhence PA, Banerjee M, Mathur D, Purohit AH, Gadepalli R, Sureka B, Misra S. Predictors of Clinical Outcomes in Adult COVID-19 Patients Admitted to a Tertiary Care Hospital in India: an analytical cross-sectional study: Predictors of clinical outcomes in COVID-19. *Acta Bio Med [Internet]*. 2020Nov.10 [cited 2021Apr.8];92(2):e2021024.
49. Garg PK, Khera PS, Saxena S, Sureka B, Garg MK, Nag VL, Purohit A, Dutt N, Tiwari S, Yadav T, Singh S, Misra S. Chest-X-ray-Based Scoring, Total Leukocyte Count, and Neutrophil-to-Lymphocyte Ratio for Prediction of COVID-19 in Patients with Severe Acute Respiratory Illness. *Turk Thorac J*. 2021 Mar;22(2):130-136
50. Bagga N, Khera S, Choudhary GR, Tuteja RK. Urothelial carcinoma of the renal pelvis with synchronous ipsilateral papillary renal cell carcinoma. *Indian J Pathol Microbiol*. 2020 Jul-Sep;63(3):497-498

51. Mudugal R, Beniwal R, Singh S, Khera S. Violaceous papules and nodules over the umbilicus: The harbinger of occult intra-abdominal malignancy. *Indian Dermatol Online J* 2020;11:852-3.
52. Rajan MB, Bhardwaj A, Khera S, Rajagopal V. Pigmented Aqua-Exacerbated Symmetrical Acral Hyperkeratosis: Washing Shows Its True Colour. *Indian Dermatol Online J*. 2020 Sep 28;12(2):335-336.
53. Sarangi S, Khera S, Vishwajeet V, Meshram V, Setia P, Malik A. A rare presentation of Sinonasal Undifferentiated Carcinoma with brain metastasis and para-aortic mass. *Autops Case Rep*. 2020 Nov 20;10(4):e2020222
54. Gosal JS, Khera S, Kaur M, Garg M, Jha DK. Letter to the Editor Regarding "Langerhans Cell Histiocytosis Involving Second Cervical Vertebra and the Hypothalamus and Pituitary in Adult; A Case Report". *World Neurosurg*. 2020 Nov;143:587-588
55. Sharma C, Shekhawat R, Vyas V, Singh P, Khera S Persistence of spermatozoa in the lower genitourinary tract after elapsed time: Should the guidelines be reframed? *Journal of Indian Academy of Forensic Medicine*. 2020 42 (3), 238-239
56. Lahoria U, Bains A, Vedant D. Visual Dermatology: Hemorrhagic Bulla in Oral Cavity. *J Cutan Med Surg*. 2020 Sep/Oct;24(5):519.
57. Rajagopal S V, Bains A, Vedant D. Indurated yellowish-orange colored plaques over forearm in a middle-aged female. *Int J Dermatol*. 2021 May;60(5):e171-e173
58. Rajan M B, Bains A, Vedant D. Dermoscopy of acrokeratosis verruciformis of hopf. *Indian Dermatol Online J* 2021;12:374-5.
59. Bains A, Vishwajeet V. Visual Dermatology: Solitary Ulcerated Plaque Over a Scar. *J Cutan Med Surg*. 2020 May 21:1203475420929019.
60. Rajan MB, Budania A, Vishwajeet V. Drawstring papules in an Indian woman. *Br J Dermatol*. 2020 Jul;183(1):e3.

Non-Pubmed Indexed:

1. Sureka B, Vishwajeet V, Elhence P, Varshney V and Yadav T. Microcystic pancreatic ductal adenocarcinoma: Myth or reality? *Indian J Med Paed Oncol*. 2020. 41(5):731
2. Kumar M, Elhence P, Kaushal D, Kesarwani A. Oral Tuberculosis -A common disease at an uncommon site -A Case Report. *January 2021. Saudi J Oral Dent Res*, 2021; 6(1): 43-47

Name of Faculty: Dr. Poonam Abhay Elhence

Designation: Professor and Head

List of papers presented at a conference:

1. Rao M, Chaudhary RK, Singh P, Sharma R, Elhence P, Nalwa A. Comparison of GATA3, Gross Cystic Disease Fluid Protein-15 and Mammaglobin in primary, metastatic and triple negative breast carcinomas. Presented in the 32nd Congress of the European Society of Pathology and XXXIII International Congress of the International Academy of Pathology, Glasgow (Online)
2. Crosstalk between Programmed Death Ligand 1 (PD-L1) expression, Ki-67 Labeling index and Tumor Infiltrating Lymphocytes (TILs) in Invasive breast cancer and correlation with clinico-pathological characteristics: Study from a tertiary care centre in Western India.", 32nd Congress of the European Society of Pathology and XXXIII International Congress of the International Academy of Pathology, Glasgow, UK (Online)

3. Vikarn Vishwajeet, Aasma Nalwa, Pushpinder Khera, Gautam R Chaudhary, Nitin K Bajpai, Manish Chaturvedy, Poonam Elhence. Malakoplakia of Renal Allograft: A rare case with pseudotumoural presentation. 4th International Renal Pathology Conference (Online) Warsaw, Poland, Nov19-21, 2020
4. Vikarn Vishwajeet, Aasma Nalwa, Vibha Mishra, Nitin K Bajpai, Manish Chaturvedy, Poonam Elhence. Biopsy proven renal cortical necrosis in postpartum renal dysfunction. 4th International Renal Pathology Conference (Online) Warsaw, Poland, Nov19-21, 2020
5. Yasmeen Singh, Poonam Abhay Elhence, Saurabh Singh, Nitin Bajpai, Vikarn Vishwajeet. Blastomycosis in a Renal Transplant Recipient. 'Virtual Annual Conference of Dermatopathology Society of India' January 15-16, 2021, Vellore, India
6. Lymphomatoid papulosis and Hodgkin lymphoma: Report of a case. B Tulasi Satyendra, Vikarn Vishwajeet, Anil Budania, Poonam Abhay Elhence. Virtual Annual Conference of Dermatopathology Society of India' January 15-16, 2021, Vellore, India
7. Porphyria cutanea tarda and bowenoid papulosis as primary presentation in a HIV infected patient - a rare association at 32nd Congress of the ESP and XXXIII International Congress of the IAP, Glasgow 2020
8. Paediatric-type follicular lymphoma: a rare case report with cytohistopathological correlation and review of literature at 32nd Congress of the ESP and XXXIII International Congress of the IAP, Glasgow 2020

Ongoing Projects:

1. Mismatch repair deficiency and PD-L1 expression in urothelial carcinomas and renal cell carcinomas (Institutional Intramural Research Grant)
2. Stratification of breast FNAC specimens by application of the International Academy of Cytology Yokohama system
3. The role of newly defined International system for reporting serous fluid cytopathology in a tertiary care centre in India and its clinical utility
4. Spectrum of fungal rhinosinusitis on histopathological examination in western part of the country
5. A retrospective 4.5 years study of risk stratification for salivary gland FNAC specimens by application of the Milan system.
6. Evaluation of ultrastructural findings in clinical autopsies in COVID-19 deaths

Examinership:

1. MBBS, AIIMS, Jodhpur, December, 2020
2. MBBS Supplementary, AIIMS, Jodhpur, March, 2021
3. MBBS, GMCH, Chandigarh, October, 2020
4. MBBS, SNMC, Jodhpur, November, 2020
5. MD Pathology, AIIMS, Jodhpur, June, 2020
6. MD Pathology, AIIMS, Jodhpur, December, 2020
7. MD Pathology, SNMC Jodhpur, June, 2020
8. PDCC, Neuropathology, PGIMER, Chandigarh, July 2020
9. PDCC, Cytopathology, PGIMER, Chandigarh
10. Subject Expert for Standing Selection Committee for Faculty Interviews for Department of Cytopathology & Gynecologic Pathology, PGIMER, Chandigarh, January 2021.

Speaker at a conference:

1. Lecture, Urine Cytology, August 2020 (PURSUE Platform for postgraduate students). (Online)
2. Lecture, 2nd Contact Program of PGDM (Executive) in Hospital Management, NIHFW, 11th August, 2020 (Online)

Sessions chaired:

1. Chair Person, Online Lecture on GIT Polyposis, January 2021

Conferences and workshops attended:

1. Lecture, Urine Cytology, August 2020 (PURSUE Platform for postgraduate students). (Online)
2. Lecture, 2nd Contact Program of PGDM (Executive) in Hospital Management, NIHFW, 11th August, 2020 (Online)
3. Online Lecture, 96th Training Course on "Hospital Administration for Senior Hospital Administrators" from 1st to 19th February, NIHFW, 2021 (10.02.2021, Online Mode)
4. Workshop & EBM Conference in online mode at TMH, Mumbai, 26th& 27th feb,2021 and 5th Mar & 6th Mar,2021 (Online)

Conferences and workshops attended:

1. Workshop & EBM Conference in online mode at TMH, Mumbai, 26th& 27th feb,2021 and 5th Mar & 6th Mar,2021

Name of Faculty: Dr. Jyotsna Naresh Bharti

Designation: Associate professor

Papers presented in conference:

1. Skin colored papules in elderly females. **[Presenting Author]** Virtual Annual Conference of Dermatopathology Society of India; CMC Vellore: 15-16 Jan 2021.
2. Mesothelioma of Peritoneum. **[Presenting Author]** AIPNA-ICP International Pathology CME; AIMS, Kochi: 4-6 Feb 2021.
3. Scary Blacks Node. **[Presenting Author]** 4th ANNUAL CONFERENCE ON Scietology- Scientific Approach in the Art of Cytology MACyCON 2021; Mumbai:6-7 Feb 2021.

Conferences attended

1. 4th ANNUAL Conference on Scietology- Scientific Approach in the Art of Cytology MACyCON 2021; Mumbai:6-7 Feb 2021
2. AIPNA-ICP International Pathology CME; AIMS, Kochi: 4-6 Feb 2021
3. Virtual Annual Conference of Dermatopathology Society of India; CMC Vellore: 15-16 Jan 2021
4. An update on diagnostic challenges in breast pathology - Royal College of Pathologists; 8 September 2020
5. Tumor profiling and targeted therapy update in Lung cancer by Datar cancer genetics Pvt Ltd; 29th May 2020
6. Role of Bone marrow biopsy in staging and management of Hodgkin and Non-Hodgkin lymphomas; 21st May 2020
7. Diagnostic Cytopathology Slide Seminar - Royal College of Pathologists; 24th April 2020.

Internal Examinership

1. MD Post graduate examination; June 2020
2. MD Post graduate examination; December 2020
3. MBBS Undergraduate 2nd Professional examination; December 2020
4. MBBS Undergraduate 2nd Professional Supplementary examination; March 2021

Name of Faculty: Dr. Meenakshi Rao

Designation: Associate Professor

Papers presented:

1. Presented poster in the 32nd Congress of the European Society of Pathology and XXXIII International Congress of the International Academy of Pathology, Glasgow (virtual), 6th-8th December 2020: Rao M, Chaudhary RK, Singh P, Sharma R, Elhence P, Nalwa A. Comparison of GATA3, Gross Cystic Disease Fluid Protein-15 and Mammaglobin in primary, metastatic and triple negative breast carcinomas.
2. Participated in the online workshop on scientific writing and research ethics for medical and clinical science community, organized by DBT/Wellcome Trust India Alliance on 19th September, 2020

Examinership:

1. External examiner for the Rajasthan University of Health Sciences, Jaipur, for B.Sc. MLT PART-II Examination held on 18th December, 2020 at Dr. S.N. Medical College, Jodhpur

Research Projects:

Ongoing:

As Principal Investigator

1. Mismatch repair deficiency and PD-L1 expression in urothelial carcinomas and renal cell carcinomas (Institutional Intramural Research Grant)
2. Stratification of breast FNAC specimens by application of the International Academy of Cytology Yokohama system

As Co-Investigator

1. Diagnostic utility of various Immunohistochemistry markers with special emphasis on the role of novel marker PAX8 & PAX2 in primary & metastatic ovarian epithelial carcinoma.
2. Incidence of Pre-invasive lesions of the fallopian tube in Indian Women and usefulness of fallopian tube cytology as a screening tool for epithelial ovarian cancers
3. Immunohistochemical and histological characterization of mast cells in deaths associated with fatal asphyxia.
4. The role of newly defined International system for reporting serous fluid cytopathology in a tertiary care centre in India and its clinical utility
5. Spectrum of fungal rhinosinusitis on histopathological examination in western part of the country

Completed:

As Principal Investigator

1. Study of immunohistochemical expression of GATA3 in various subtypes of primary and metastatic breast carcinomas. (Institutional Intramural Research Grant)

As Co-Investigator

1. Comparison of efficacy and side effect profile of a combination of intralesional triamcinolone acetonide injection and percutaneous microneedling versus intralesional triamcinolone acetonide injection alone in the treatment of keloids.
2. Detection of nerve fibres in the eutopic endometrium in women with endometriosis, adenomyosis and uterine fibroids.
3. A retrospective 4.5years study of risk stratification for salivary gland FNAC specimens by application of the Milan system.

Name of Faculty: Dr. Aasma Nalwa

Designation: Associate Professor

Book Chapter:

1. Deepika, Vikarn Vishwajeet, Aasma Nalwa, Abhishek Purohit, Tanuj Kanchan. Clinical Autopsy in COVID-19 patients (Under Review)

Papers Presented:

1. Aasma Nalwa, Vikarn Vishwajeet, Manish Chaturvedy, Nitin K Bajpai. Secondary IgA nephropathy in overlap syndrome. 4th International Renal Pathology Conference (Online) Warsaw, Poland, Nov19-21, 2020
2. Vikarn Vishwajeet, Aasma Nalwa, Pushpinder Khera, Gautam R Chaudhary, Nitin K Bajpai, Manish Chaturvedy, Poonam Elhence. Malakoplakia of Renal Allograft: A rare case with pseudotumoural presentation. 4th International Renal Pathology Conference (Online) Warsaw, Poland, Nov19-21, 2020
3. Vikarn Vishwajeet, Aasma Nalwa. Vibha Mishra, Nitin K Bajpai, Manish Chaturvedy, Poonam Elhence. Biopsy proven renal cortical necrosis in postpartum renal dysfunction. 4th International Renal Pathology Conference (Online) Warsaw, Poland, Nov19-21, 2020
4. Meenakshi Rao, Ramkaran Chaudhary, Pratibha Singh, Rashim Sharma, Poonam Elhence, Aasma Nalwa. Comparison of GATA3, Gross cystic disease fluid protein 15, mammaglobin in primary, metastatic and triple negative carcinoma. 32nd Congress of the European Society of Pathology and XXXIII International Congress of the International Academy of Pathology, Glasgow (virtual), 6th-8th December 2020

Research Project:

Ongoing:

As Principal Investigator:

1. The role of newly defined international system for reporting serous fluid cytopathology in a tertiary care center in India and its clinical utility. Non-funded

As Co-Investigator

1. Evaluation of ultrastructural findings in clinical autopsies in COVID-19 deaths
2. Spectrum of fungal rhinosinusitis on histopathological examination in Western part of the country
3. Stratification of breast FNAC specimens by application of the International Academy of Cytology Yokohama system

4. The dynamics of Breast cancer stem cells and miR221-3p, miR133a-3p, and miR9-5p expression correlates with the clinical and pathological outcomes in Breast cancer patients undergoing neoadjuvant or palliative systemic chemotherapy
5. Mismatch repair status and PD-L1 expression in Urothelial carcinomas and Renal carcinomas
6. Short- term review of Pediatric nephrology services in an upcoming tertiary care centre-A retrospective analysis
7. Retrospective review of kidney biopsies in an upcoming pediatric nephrology unit

Completed:

As Principal Investigator:

1. Co-chaperone BAG-3 expression in Uterine and Epithelial ovarian carcinomas (Intramural)

As Co-Investigator

1. Role of Cervical Cancer Biomarkers in triaging abnormal cervical cytology smear

Membership/Post in Journal or Society or Association

1. Core Committee member- Website and Communications Committee- Renal Pathology Society
2. Annual Member – Renal Pathology Society
3. Life Member- Indian Society of Renal and Transplantation Pathology
4. Member- Indian Association of Pathology and Microbiology

National/ International Conferences attended:

1. 4th International Renal Pathology Conference (Online) Warsaw, Poland, Nov19-21, 2020

Name of Faculty: Abhishek Purohit

Designation: Associate Professor

Papers Presented:

1. Evaluation for paroxysmal nocturnal haemoglobinuria by flowcytometry in clinically suspected cases in Western Rajasthan. Presented in Haematocon 61st Annual Conference of Indian Society of Hematology & Blood Transfusion (ISHBT) November 21st, 2020.

Sessions Chaired:

1. Chairperson for the oral abstract presentations session (Oral Abstract Sessions VII) during Haematocon, 61st Annual Conference of Indian Society of Hematology & Blood Transfusion (ISHBT) on November 22nd, 2020.

Invited Lectures:

1. WBC and Leukemia. Virtual Haematology CME hosted by Association of Practicing Pathologists on Sunday, June 7th, 2020.
2. Common stains in a hematology lab. Online Teaching Course for Post Graduates in Pathology by "Center for Oncopathology". Tuesday, July 14, 2020.
3. Orientation of Haemophilia. Workshop on haemophilia, thalassaemia and voluntary blood donation at Government Medical College (RAJMES), Pali on March 16th, 2021.

Symposium Speaker

1. Panel discussion on “Coagulation disorders”. Live webinar, S01E17, under the aegis of Mumbai Haematology Group on Sunday, 6th September, 2020.

Research Projects:

Ongoing:

As Principal Investigator

1. Evaluation of pathological findings in autopsies of COVID-19 deaths at AIIMS, Jodhpur

As Co-Investigator

1. Endothelial dysfunction in children with CKD- Associating Circulating endothelial cells & markers of Mineral bone disease with endothelial function and atherosclerosis.
2. Evaluation of alteration in haemostatic and thrombotic milieu and its correlation with disease severity in COVID-19 patients
3. Long term follow-up of patients recovered from COVID-19 – A prospective cohort study
4. Evaluation of ultrastructural findings in clinical autopsies in COVID-19 deaths
5. To study the sensitivity, specificity and positive predictive value of neutrophil parameters [Neutrophil-granularity-intensity (NEUT-GI) and neutrophil-reactivity-intensity (NEUT-RI)] in diagnosis of sepsis as compared to existing sepsis markers in pediatric emergency and intensive care unit, AIIMS Jodhpur

Completed:

As Principal Investigator

1. Evaluation for paroxysmal nocturnal haemoglobinuria by Flowcytometry in clinically suspected cases in Western Rajasthan.

As Co-Investigator

1. Evaluation of frequency of regulatory T-cells in cases of oral squamous cell carcinoma.

Membership/ Post in Journal or Society or Association:

1. British society of Haematology

National/ International Conferences attended:

1. 61st Annual Conference of the Indian Society of the Haematology & Blood Transfusion (ISHBT) – Haematocon 2020.

Name of Faculty: Dr. Sudeep Khara

Designation: Associate Professor

Papers Presented:

1. Evaluation of squash smear technique in rapid diagnosis of neoplastic and non-neoplastic lesions of the central nervous system & spinal cord in 32nd Congress of the European Society of Pathology and XXXIII International Congress of the International Academy of Pathology held at Glasgow, UK

List of papers with you as the co-author presented in the conference:

1. Crosstalk between Programmed Death Ligand 1 (PD-L1) expression, Ki-67 Labeling index and Tumor Infiltrating Lymphocytes (TILs) in Invasive breast cancer and correlation with clinico-pathological characteristics: Study from a tertiary care centre in Western India." for possible publication in Breast Cancer, in 32nd Congress of the European Society of Pathology and XXXIII International Congress of the International Academy of Pathology held at Glasgow, UK.
2. Comparison of GATA3, gross cystic disease fluid protein-15 and mammaglobin in primary, metastatic and triple negative breast carcinomas, in 32nd Congress of the European Society of Pathology and XXXIII International Congress of the International Academy of Pathology, Glasgow, UK

Name of Conference attended

1. 32nd virtual Congress of the European Society of Pathology and XXXIII International Congress of the International Academy of Pathology held at Glasgow, UK from 8th December to 12th December 2020.

Research Project:

Ongoing

As Co-Investigator

1. Role of newly defined international system for reporting serous fluid cytopathology in a tertiary care centre in India and its clinical utility
2. Risk stratification of breast FNAB specimens performed without radiologic guidance by application of the International Academy of Cytology Yokohama system for reporting breast cytopathology
3. Spectrum of fungal rhinosinusitis on histopathological examination in western Rajasthan
4. Comparison of HER-2-neu status by Fluorescent in situ hybridisation (FISH) and immunohistochemistry in invasive breast carcinoma
5. Evaluation of histological changes in Skin, Skeletal Muscle, Lung, Liver & Kidney to determine Post-Mortem Interval

Completed:

As Principal Investigator

1. Diagnostic utility of various IHC markers with special emphasis on the role of novel marker PAX8 & PAX2 in primary & metastatic epithelial ovarian carcinoma. Intramural funded project

As Co-Investigator

1. Application of immunohistochemistry for estimation of wound age by analysing the presence of myeloperoxidase, CD45 and CD 68. Intramural funded project

Membership/Post in Journal or Society or Association

1. Indian association of Pathologist & Microbiologist (Life time membership)

Name of Faculty: Dr. Deepak Vedant

Designation: Assistant Professor

Papers Presented:

1. 32nd Congress of the ESP and XXXIII International Congress of the IAP, Glasgow 2020

Papers presented:

1. Porphyria cutanea tarda and bowenoid papulosis as primary presentation in a HIV infected patient - a rare association
2. Paediatric-type follicular lymphoma: a rare case report with cytohistopathological correlation and review of literature
3. A clinicopathological study to determine the different morphological patterns of renal biopsy in adult patients of nephrotic syndrome.

Research Project:

Ongoing:

As Principal Investigator:

1. Comparison of HER2 neu gene status by Fluorescence in situ hybridization (FISH) and immunohistochemistry in invasive breast carcinoma. Intramural project funded by AIIMS Jodhpur

National/ International Conferences attended:

1. 32nd Congress of the ESP and XXXIII International Congress of the IAP, Glassgow 2020 6th – 8th Dec 2020.
2. "Quality Management Systems and Internal Audit in Medical Laboratories as per ISO 15189: 2012 24th- 27th Feb , 2021.
3. USCAP 2021, March 13-18, 2021.

Name of Faculty: Vikarn Vishwajeet

Designation: Assistant Professor

Papers Presented:

1. Vishwajeet Vikarn, Aasma Nalwa, Pushpinder Khera, Gautam R Choudhary, Nitin K Bajpai, Manish Chaturvedy, Poonam Elhence Malakoplakia of Renal Allograft: A Rare Case with Pseudo-tumoral Presentation. (virtual) 4nd International Renal Pathology Conference (virtual), November 19-21, 2020 Warsaw, Poland.
2. Vishwajeet Vikarn, Aasma Nalwa, Vibha Mishra, Nitin K Bajpai, Manish Chaturvedy, Poonam Elhence. Biopsy-proven Renal Cortical Necrosis in Postpartum Renal Dysfunction. (virtual) 4nd International Renal Pathology Conference (virtual), November 19-21, 2020 Warsaw, Poland.
3. Lymphomatoid papulosis and Hodgkin lymphoma: Report of a case. B Tulasi Satyendra, Vikarn Vishwajeet, Anil Budania, Poonam Abhay Elhence. Virtual Annual Conference of Dermatopathology Society of India' January 15-16, 2021, Vellore, India
4. Yasmeen Singh, Poonam Abhay Elhence, Saurabh Singh, Nitin Bajpai, Vikarn Vishwajeet. Blastomycosis in A Renal Transplant Recipient. 'Virtual Annual Conference of Dermatopathology Society of India' January 15-16, 2021, Vellore, India

Research Project:

Ongoing:

As Principal Investigator

1. Title-Evaluation of ultrastructural findings in clinical autopsies in COVID-19 deaths, Funding agency- Research Committee AIIMS Jodhpur, Collaborating Institute- Indian Institute of Toxicologic Research, Lucknow

2. Title- Spectrum of fungal rhinosinusitis on histopathological examination in Western part of the country, Funding agency- NIL, Collaborating Institute- None

As Co-Investigator

1. Title-Evaluation of Pathological findings in clinical autopsies of COVID-19 deaths at AIIMS Jodhpur, Funding agency- NIL, Collaborating Institute- None
2. Title-The role of newly defined international system for reporting serous fluid cytopathology in a tertiary care centre in India and its clinical utility, Funding agency- NIL, Collaborating Institute- None
3. Title-Histopathology of neck muscles and thyroid gland in hanging, Funding agency- NIL, Collaborating Institute- None

Completed:

As Co-Investigator:

1. Title- Risk stratification of breast FNAB specimens performed without radiologic guidance by application of the International Academy of Cytology Yokohama system for reporting breast cytopathology, Funding agency- NIL, Collaborating Institute- None

Membership/Post in Journal or Society or Association

1. Member, International Society of Nephrology
2. Member, Indian Society of Pathologists and Microbiologists.
3. Member, United States and Canadian Academy of Pathology
4. Member, European Society of Medical Oncology
5. Reviewer, BMJ case reports

National/ International Conferences attended:

1. Virtual Annual conference of Dermatopathology Society of India, conducted by Department of Pathology, Christian Medical College, Vellore INDIA, Jan 15-16, 2021
2. 4th International Renal Pathology Conference (virtual), conducted by Renal Pathology Society, the Department of Transplantation Medicine, Nephrology and Internal Diseases of the Medical University of Warsaw, and the Nephropathological Working Group operating within the European Society of Pathology. Warsaw, Poland. November 19-21, 2020

Name of Faculty: Dr. Divya Aggarwal

Designation: Assistant Professor

Books/Chapters

1. Rajaram S., **Aggarwal D.** (2021) Genetics and Pathogenesis: A Recent Update. In: Nayak B., Singh U. (eds) Gestational Trophoblastic Disease. Springer, Singapore. https://doi.org/10.1007/978-981-33-4878-3_3.

Papers Presented:

1. Follicular involvement in bullous pemphigoid- a histopathological and immunofluorescence study: can it be a new diagnostic tool? Poster presentation in 'Virtual Annual Conference of Dermatopathology Society of India', January 2021.

National/ International Conferences attended:

1. 'Virtual Annual Conference of Dermatopathology Society of India' by CMC Vellore, January 2021.
2. AIPNA-ICP International Pathology CME, Feb 4-6, 2021- AIMS, Kochi

Name of Faculty: Balamurugan T

Designation: Assistant Professor

Invited Lectures

1. Overview of leukemia - A Pathologist's Perspective, Guest e-lecture, 13th March 2021, Chettinadu Hospital and Research Institute, Chennai (Online).

National/ International Conferences attended:

1. AIPNA ICP Virtual International CME, Amrita Institute of Medical Sciences, Kochi, Kerala (Online), 04-06th February 2021

Department of Pediatric Surgery

S. No.	Name	Designation
1	Dr. Arvind Sinha	Professor and Head
2	Dr. Manish Pathak	Additional Professor
3	Dr. Kirtikumar Rathod	Associate Professor
4	Dr. Avinash S Jadhav	Associate Professor
5	Dr. Rahul Saxena	Associate Professor

About the Department :

Throughout the COVID pandemic, AIIMS, Jodhpur continued the non-covid services and so the Department of Pediatric Surgery has also provided the best possible services to its patients.

The department has started a six bedded NICU and 2 bedded PICU dedicated to surgical patients which will further enhance its efficacy. The department has emerged as referral center for the children with solid tumors. This year, we have treated around 40 tumor patients with chemotherapy and surgery.

The department has always been at forefront in undergraduate teaching and is regularly conducting lectures, PBL and UNCLE. The UG students are also being posted, in clinics of the department. The department also contributed in institutional teaching by presenting CPC and CGR. Two new M.Ch residents have joined the department in this year and undergoing an accomplished training with regular and structured teaching schedule which includes seminars, journal club, case discussion and treatment planning through-out the week. This year we have started six new M.Ch dissertations and four M.Ch dissertations has been successfully completed and submitted this year. The residents, under supervision of faculty members, presented several oral papers, posters and video presentation in various international and national presentations.

The faculty of department is also actively involved in academic activities. This year department has published 34 research articles and out of those 30 were in indexed journals, presented 30 research papers in various national and international conferences, chaired sessions in various conferences, delivered invited lectures, got copyright, received fellowship in minimal invasive surgery and published chapters in various text books.

Compiled list of Publications of the department:

Pubmed Indexed:

1. Elhence P, Sinha A. Hyaline Cartilage at porta hepatis in extrahepatic biliary atresia – Metaplasia or Choristomy? Sudan J Pediatr 2020; 20(1) L 73-6.
2. Sureka B, Sinha A, Tak V, Garg MK, Bhatia PK, Bhardwaj P, et al. Customized personal protective equipment (PPE): Solution to conservation and management of supplies during the coronavirus disease 2019 (COVID-19) pandemic. J Family Med Prim Care 2020;9:2180-2.
3. TK Jayakumar, Pathak M, Jadhav A, Sinha A. What is the appropriate aganglionic bowel length on contrast enema for attempting single stage transanal endorectal pull-through in Hirschsprung disease? J Pediatr Surg.
4. Elhence A, Sureka B, Garg MK, Bhardwaj P, Kanchan T, Sinha A, Bhatia PK, Nag VL, Kothari N, Dutt N, Bhaskar S, Tak V, Bishnoi N R, Misra S. Preparing for a COVID-19 pandemic: Redefining roles of multidisciplinary team in a large tertiary hospital in Rajasthan. J Family Med Prim Care 2020;9:5439-44

5. N Rustagi, P Raghav, N Dutt, A Sinha, M S Rodha, Assessing continuum of trauma care for road accident victim in Jodhpur, Rajasthan, *European Journal of Public Health*, 2020: Volume 30(5) ckaa166.555.
6. Sharma R, Khera S, Sinha A, et al. (N/A) Pure Yolk Sac Tumour of sacrococcygeal region, a rare tumour in a common site: a case report with review of literature. *Cureus* : e. doi:10.7759/cureus.
7. T.K. Jayakumar, Manish Pathak, Arvind Sinha. Outcomes of event-free survival in patients with Wilms tumor undergoing preoperative chemotherapy. Analysis of lymph-node yield in a single-center cohort. *Journal of Pediatric Urology*: 2021.
8. Bharti S, Bharti JN, Sinha A, Yadav T. Common and Rare Histological Variants of Hepatoblastoma in Children : A Pathological Diagnosis and Review of Literature. *Gastrointest Tumors*. DOI: 10.1159/000512236. 2021.
9. Pathak M, Saxena AK. Postoperative "complications" following laparoscopic-assisted anorectoplasty: A systematic review. *Pediatr Surg Int*. 2020; 36: 1299-1307.
10. Jayakumar TK, Pathak M, Sinha A. Outcomes of event-free survival in patients with Wilms tumor undergoing preoperative chemotherapy. Analysis of lymph-node yield in a single-center cohort. *J Pediatr Urol*. 2021; S1477-5131(21)00028-0.
11. Jayakumar TK, Pathak M. The clinical manifestations of intermittent hydronephrosis and their relationship with renal function in pediatric patients. *J Pediatr Urol*. 2021; S1477-5131(21)00026-7.
12. Pathak, M., Sinha, A. Pediatric urology in the era of COVID-19. *J Ped Endosc Surg* (2021). <https://doi.org/10.1007/s42804-021-00097-7>
13. Sureka B, Garg PK, Khera PS, Sinha A, Misra S. Rationalizing personal protective equipment (PPE) in radiology in the time of COVID-19. *Indian J Radiol Imaging* 2021;31, Suppl S1:204-6
14. Sinha A, Saxena R, Pathak M, Rodha MS. Conjoined thoracopagus twins - our experience of successful separation. *J Indian Assoc Pediatr Surg* 2020;XX:XX-XX.
15. Saxena R, Pathak M, Sinha A, Thummalapati JK. Single perineal opening with 'H-type' cecovesical fistula and blind-ending foreshortened distal colon: a new variant of persistent cloaca. *BMJ Case Rep*. 2021 Mar 4;14(3):e236364. doi: 10.1136/bcr-2020-236364. PMID: 33664021; PMCID: PMC7934755.
16. Pathak M, Suchiang B, Elhence P, Saxena R, Jadhav A, Rathod K, Sinha A. Testicular remnant "nubbin" and incidental ectopic adrenal cortical rests: A case series and systematic review. *J Pediatr Urol*. 2020 Oct;16(5):627-634. doi: 10.1016/j.jpuro.2020.07.011. Epub 2020 Jul 17. PMID: 32741641.
17. Garg PK, Khera PS, Pathak M, Mirza G, Saxena R, Yadav T. Arterio-Duodenal Fistula: A Rare Complication of Laparoscopic Choledochal Cyst Excision. *J Indian Assoc Pediatr Surg* 2021;26:57-9
18. Sinha A, Pathak M, Vig A, Saxena R. Robotic surgery in paediatric patients: Our initial experience and roadmap for successful implementation of robotic surgery programme. *J Minim Access Surg*. 2021;17(1):32-36. doi:10.4103/jmas.JMAS_174_19
19. Saxena R, Pathak M, Shukla R, Sinha A, Elhence P, Bharti JN, Khera P. Bronchial Carcinoid Tumour as a Rare Cause of Cushing's Syndrome in Children: A Case Report and Review of Literature. *J Clin Res Pediatr Endocrinol*. 2020 Nov 25;12(4):340-346. doi: 10.4274/jcrpe.galenos.2019.2019.0156.
20. Saxena R, Suchiang B, Pathak M, Sinha A. Refractory congenital chylous ascites: Role of fibrin glue in its management. *J Indian Assoc Pediatr Surg* 2020;25:245-7.
21. Jayakumar TK, Sinha A, Rathod KJ, Saxena R. Comment to: Effect of continuous antibiotic prophylaxis in children with postoperative JJ stents: A prospective randomized study. *J Pediatr Urol*. 2021 Feb;17(1):95-96.
22. Menon R, Pathak M, Sinha A, Saxena R. Correspondence to "Duplex systems: Top-Down or bottom-up approach?". *J Pediatr Urol*. 2020 Dec 8:S1477-5131(20)30715-4. doi: 10.1016/j.jpuro.2020.11.047. Epub ahead of print. PMID: 33357984.

23. Rathod KJ, Sikchi R, Vig A, Jadhav A, Saxena R, Pathak M, Bhatia P, Sinha A. Laparoscopic Inguinal Hernia Repair in Children: To Cut or Not to Cut is the Question? *J Indian Assoc Pediatr Surg* 2021;26:107-10
24. Vig, A., Rathod, K.J., Jadhav, A.S. Saxena R, Pathak M, Sinha A. Role of Laboratory Parameters in Preoperatively Predicting Perforated Appendicitis. *Indian J Surg* (2021). <https://doi.org/10.1007/s12262-021-02849-4>
25. COVIDSurg Collaborative, GlobalSurg Collaborative. SARS-CoV-2 vaccination modelling for safe surgery to save lives: data from an international prospective cohort study. *Br J Surg*. 2021 Mar 24:znab101. doi: 10.1093/bjs/znab101
26. COVIDSurg Collaborative; GlobalSurg Collaborative. Timing of surgery following SARS-CoV-2 infection: an international prospective cohort study. *Anaesthesia*. 2021 Jun;76(6):748-758. doi: 10.1111/anae.15458
27. Motiwala T, Rathod KJ, Jadhav A, Shaikh M, Elhence P, Paliwal B, Sinha A. Congenital melanocytic nevus with scrotal mass: A diagnostic dilemma. *J Indian Assoc Pediatr Surg* 2021; 26:133-5
28. Vig A, Rathod KJ, Neeraj Gupta, Kamlesh K, Sinha A. Laparoscopic treatment of annular pancreas in a neonate. *Journal of Pediatr Surg Case reports*. <https://doi.org/10.1016/j.epsc.2021.101914>
29. Tk J, Rathod KJ, Pathak M. Thoracic versus abdominal approach to correct diaphragmatic eventration in children. *J Pediatr Surg*. 2020 Jul;55(7):1422-1423.
30. Motiwala T, Sinha A, Rathod KJ, Manchanda V, Yadav T, Jadhav A, Pathak M, Saxena R. Correlation of urethral ratio and bladder wall thickness with cystoscopic findings in posterior urethral valve patients to assess residual valves. *J Indian Assoc Pediatr Surg* 2021. DOI: 10.4103/jiaps.JIAPS_318_20

Non-Pubmed Indexed:

1. Pathak M, Sinha A. Pediatric urology in the era of COVID-19. *J Ped Endosc Surg* 2020 :1-8
2. Pathak, M,Saxena A. "One-stage and two-stage laparoscopic assisted anorectoplasty (LAARP) for anorectal malformations (ARM)." *Journal of Pediatric Endoscopic Surgery*. (2021) (Accepted for publication).
3. Bhatt S, TK J, Sikchi R, Goel A, Rathod KJ. Systematic review and meta-analysis of efficacy of vascular hitch for pelvi-ureteric junction obstruction due to lower pole crossing vessels. Accepted in *Journal of Pediatric Endoscopic Surgery*.
4. Shreyas K, Rathod KJ, Sinha A. Review Article: High Inguinal Undescended testis: A surgical challenge? Accepted in *Annals of Pediatric Surgery*.

Workshops/ Conferences Organized

1. Live operative workshop for PESICON 2021. 16th Pediatric Endoscopic Surgeons of India Annual conference, from 19th-21st March 2021, SRCC Children's Hospital, Mumbai. Maharashtra.
2. IAPSCON 2020- 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON 2020, 16-18 October 2020. Organized as Organizing committee member by Prof. Arvind Sinha.

Any other information:

The department got the opportunity to telecast the Live-operative workshop for 16th Annual PESICON 2021, Pediatric Endoscopic Surgeons of India Conference, 19th to 21st March 2020. This was among the first of its kind, hybrid conference in which the surgeries were telecasted live from integrated OR1 system through web based platform to all the delegates. The event was much appreciated because the streaming quality and clarity of video was very good. The IT department was very helpful in this as they provided the

fast and secured LAN connection for the relay. The active participation of senior residents in laparoscopic surgery and their familiarity with MIS were also appreciated by the national and international viewers.

Name of Faculty : Dr. Arvind Sinha

Designation : Professor and Head

Books/Chapters

1. Sinha A, Manish Pathak, Kirtikumar Rathod. "Laparoscopic Nephrectomy". Textbook of Minimally Invasive Pediatric Surgery. Rasik Shah, Prakash Agarwal, Ravi Ramadwar (Editors) In Editorial review
2. Sinha A, Saxena R. Choledochal Cysts . Abraham SJ, Kumar A (Editors) Contemporary Surgery, Vol 4, Micro Labs Limited, 2020, pp 113-128.
3. Sinha A, Motiwala T. Cystic Malformations of the Lung. Ramesh Babu, Shah, Amar Kanojia, Ravi (Eds) Pediatric Surgery & Pediatric Urology – Standard Treatment Guidelines 2nd Edition. Notion Press, India, 2020. Pp 117-124.
4. Sinha A, Jayakumar TK. Recurrent Wilms Tumor. Sarin YK Ed, Textbook of Wilms Tumor, 2021 (In Press)
5. Sachdeva P, Kalra M, Sinha A, Jayakumar TK. Chemotherapy for Wilms'tumor. Sarin YK (Editor), 2021 (In Press).

Papers Presented:

1. Pediatric urology in COVID era: A systematic review in British Association of Pediatric Endoscopic Surgeons (BAPES) 2020, London.
2. Suchiang B, Pathak M, Sinha A. Pediatric urology in the era of COVID-19: A systematic review. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON 2020, 16-18 October 2020
3. Vig A, Pathak M, Saxena R, Sinha A. Endovascular coiling of the right hepatic artery as a rescue strategy in a case of massive hematemesis post choledochal cyst excision. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON 16-18 October 2020
4. Menon R, Saxena R, Pathak M, Krishnamurthy S, Sinha A. First Indian case report of pediatric gastrointestinal basidiobolomycosis and its surgical management. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON 16-18 October 2020
5. Vig A, Rathod K, Jadhav A, Pathak M, Saxena R, Sinha A. Role of preoperative laboratory investigations to predict perforated appendicitis in children. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON 16-18 October 2020
6. Sikchi R, Saxena R, Pathak M, Sinha A. Laparoscopic assisted resection of recurrent vaginal rhabdomyosarcoma. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON 16-18 October 2020
7. Suchiang B, Saxena R, Pathak M, Rathod K, Jadhav A, Sinha A. Laparoscopic mesh sacrocolpopexy in a case of prolapsed neovagina in a teenager. E-IAPSCON 16-18 October 2020.
8. Sikchi R, Pathak M, Sinha A. Anterior urethral diverticulum with unusual presentation in a child- a rare case report. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON 16-18 October 2020
9. Shreyas K, Saxena R, Pathak M, Sinha A. A rare case of variant of Type 2A2Y urethral duplication and its management. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON 16-18 October 2020

10. Bhatt S, Saxena R, Sinha A, Pathak A, Rathod KJ, Jadhav A En Masse Ligation Of Thoracic Duct In Management Of Intractable Chylothorax Secondary To Iatrogenic Leak. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON 16-18 October 2020
11. JayaKumar TK, Rathod KJ, Saxena R, Pathak M, Jadhav A, Sinha A. Outcomes of Early Oral Feeding Compared To Delayed Feeding In Children After Elective Distal Bowel Anastomoses. IAPSCON 2020. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS E-IAPSCON 16-18 October 2020
12. Motiwala T, Sinha A, Rathod KJ, Yadav T, Manchanda V, Jadhav A, Pathak M, Saxena R Correlation of urethral ratio and bladder wall thickness with cystoscopic findings in posterior urethral valve patients to assess residual valves. IAPSCON 2020. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON 16-18 October 2020.
13. Jayakumar TK, Kirtikumar Rathod, Bala Eradi, Arvind Sinha. Outcomes of Early Oral Feeding Compared to Delayed Feeding In Children After Elective Distal Bowel Anastomoses. e-IAPSCON 2020. Online. Virtual, 16th - 18th October 2020.
14. Rupesh Sikchi, Kirtikumar Rathod, Avinash Jadhav, Akhil Goel, Arvind Sinha. Systematic review and meta-analysis of efficacy of vascular hitch for pelvi ureteric junction obstruction due to lower pole crossing vessels.e-IAPSCON 2020. Online. Virtual, 16th October 2020 - 18th October 2020.
15. Ayushi Vig, Kirtikumar Rathod, Avinash Jadhav, Arvind Sinha. Single stage laparoscopic pyeloplasty and appendicectomy in emergency setting.e-IAPSCON 2020. Online. Virtual, 16th October 2020 - 18th October 2020.
16. Shreyas K, Kirtikumar Rathod, Avinash Jadhav, Arvind Sinha. Laparoscopic nephrectomy for Wilms tumor.e-IAPSCON 2020. Online. Virtual, 16th - 18th October 2020.
17. Tanmay Motiwala, Kirtikumar J Rathod, Rupesh Sikchi, Sadik Mohammed, Taruna Yadav, Daisy Khera and Arvind Sinha. Thoracoscopic lobectomy for congenital lobar emphysema in a child. 16th Annual PESICON 2021, SRCC Children's Hospital Mumbai, 19th to 21st March 2020. 1st Best video in Thoracoscopic Session.
18. Rupesh Suresh Sikchi, Kirtikumar J Rathod, Taruna Yadav, Poonam Elhance and Arvind Sinha. Multiloculated complex mesenteric cyst -Total laparoscopic resection with laparoscopic intracorporeal end to end small bowel anastomosis in a child. 16th Annual PESICON 2021, SRCC Children's Hospital Mumbai, 19th to 21st March 2020.
19. Ayushi Vig, Kirtikumar J Rathod, Avinash Jadhav, Taruna Yadav, Shilpa Goyal and Arvind Sinha A complex bilobed choledochal cyst excision: a technical challenge. 16th Annual PESICON 2021, SRCC Children's Hospital Mumbai, 19th to 21st March 2020.
20. Shreyas K, Kirtikumar Rathod, Taruna Yadav, Darshana Rathod, Shilpa Goyal and Arvind Sinha. A rare case of Thoracoscopic ganglioneuroma excision in a patient of ROHHAD syndrome. 16th Annual PESICON 2021, SRCC Children's Hospital Mumbai, 19th to 21st March 2020.
21. Revathi Menon, Kirti Rathod, Arvind Sinha. Thoracoscopic repair of iatrogenic Bronchogenic cyst injury in a neonate during Bronchogenic cyst excision. 16th Annual PESICON 2021, SRCC Children's Hospital Mumbai, 19th to 21st March 2020.
22. Somya Bhatt, Avinash Jadhav, Arvind Sinha et al . SMA Syndrome: A rare presentation & its management. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON, 16th to 18th Oct 2020, online.
23. Rupesh Sikchi, Rahul Saxena, Manish Pathak, Arvind Sinha. Laparoscopic assisted resection of recurrent vaginal Rhabdomyosarcoma. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON held from 16th to 18th Oct 2020.
24. Rupesh Sikchi, Rahul Saxena, Manish Pathak, Arvind Sinha. Anterior urethral diverticulum with unusual presentation in a child- a rare case report. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON held from 16th to 18th Oct 2020.

25. Shreyas K, Rahul Saxena, Manish Pathak, Arvind Sinha. A rare case of variant of Type 2A2Y urethral duplication and its management. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON held from 16th to 18th Oct 2020.

Sessions Chaired:

1. Chairperson in guest lecture session in International Conference of Hypospadias held on a virtual platform as a joint biennial meeting of the Indian society of Pediatric Urology (ISPU) and the Asian Society of Pediatric Urology (ASPU) February 12-14, 2021.
2. Chairperson for Pediatric Urology Session. IAPSCON 2020. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON held from 16th to 18th Oct 2020.

Invited Lectures:

1. Invited Lecture - Bladder Augmentation in 13th Pediatric Surgery Update 2021, organized by Maulana Azad Medical College, New Delhi. March 11-14, 2021

Research Projects:

Ongoing:

Principal Investigator

1. Arvind Sinha, Suryanaryanan Bhaskar, Ashok Kumar, Mahaveer Singh Rodha, Naveen Dutt, Himanshu Vyas, Nipin Kalal, Vikas Choudhary, Anoop Sharma. A study to assess the level of satisfaction regarding IPD services among COVID19 positive patients admitted at AIIMS, Jodhpur (21st May 2020).
2. Sinha A, Saxena R, Rathod KJ, Pathak M, Jadhav AS, Motiwala T to evaluate the challenges faced by health care team during the elective surgeries performed during COVID19 pandemic in Pediatric population (11th June 2020).
3. Sinha A, Saxena R, Pathak M, Rathod KJ, Jadhav AS, Jayakumar TK Comparison of Pediatric Surgical Emergencies before & after COVID19 pandemic (25th June 2020).

Examinerships:

1. Attend the Interview as a subject expert in General Selection Committee for post of Professor in Pediatric Surgery at Aligarh Muslim University on 20th Oct. 2020 (Academic Leave – 19th to 21st Oct. 2020).
2. To assist the Standing Selection Committee of the AIIMS, Jodhpur as an Internal Expert for selection of Faculty at the post of Assistant Professor in Department of Pediatric Surgery on 6th Nov. 2020.
3. Invited as an advisor for interviews for the post of Assistant Professor Department of Pediatric Surgery for Medical & Health Department conducted by RPSC on 9th Mar. 2021.

National/International Conferences Attended:

1. Attended or participated in 1st Instructor Course for Acute Trauma Life Supporting (ATLS) at AIIMS, Jodhpur as a potential instructor candidate from 27th and 28th Feb. 2021.
2. Attend the “16th Annual conference of Pediatric Endoscopic Surgeons of India PESICON 2021” as a coordinator for live operative work-shop at Mumbai from 19th Mar. to 21st Mar. 2021.
3. Chairperson in guest lecture session in International Conference of Hypospadias held on a virtual platform as a joint biennial meeting of the Indian society of Pediatric Urology (ISPU) and the Asian Society of Pediatric Urology (ASPU) February 12-14, 2021.

4. Invited Lecture - Bladder Augmentation in 13th Pediatric Surgery Update 2021, organized by Maulana Azad Medical College, New Delhi. March 11-14, 2021
5. Chairperson for Pediatric Urology Session. IAPSCON 2020. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON held from 16th to 18th Oct 2020
6. Member, Organizing Committee. IAPSCON 2020. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON held from 16th to 18th Oct 2020
7. Attended the 13th PEDIATRIC SURGERY UPDATE 2021, 11-14th March 2021, Maulana Azad Medical College, New Delhi
8. Attended the Annual Conference of British Association of Pediatric Endoscopic Surgeons, London 2020.

Workshops/Conferences Organized:

1. IAPSCON 2020- 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON 2020, 16-18 October 2020. Organized as organizing committee member.

Administrative/Academic Responsibility:

1. Editor of Institutional Magazine, Rohida.
2. Provost of PG Hostel at AIIMS Jodhpur
3. Administrative Head of Department –
 - a. Pediatric Surgery

Name of Faculty: Dr. Manish Pathak

Designation: Additional Professor

Books/Chapters

1. Pathak M. Wilms tumor staging. Sarin YK Ed, Textbook of Wilms Tumor, 2021 (In Press)
2. Pathak M. Epidemiology of Wilms tumor. Sarin YK Ed, Textbook of Wilms Tumor, 2021 (In Press)
3. Pathak M. Long term follow-up and surveillance strategy. Sarin YK Ed, Textbook of Wilms Tumor, 2021 (In Press)
4. Sinha A, Pathak M. Laparoscopic nephrectomy in a book on MIS in pediatric patients. Rasik Shah, Prakash Agarwal, Ravi Ramadwar (Editors) In Editorial review.

Papers:

As Author (Presenter)

1. Pathak M. Distal hypospadias repair: simplified paradigm for the novice. 23rd biennial meeting of the Indian society for Pediatric Urology and Asian Society for Pediatric Urology, 12-14 Feb 2021, AIIMS, New Delhi

As Co- Author

1. Suchiang B, Pathak M, Sinha A. Pediatric urology in the era of COVID-19: A systematic review. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON 2020, 16-18 October 2020
2. Motiwala T, Pathak M, Saxena A. Postoperative complications following laparoscopic assisted anorectoplasty: Systematic review. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON 2020, 16-18 October 2020

3. Motiwala T, Pathak M, Saxena A. Laparoscopic management of common cloaca: A systematic review. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON 2020, 16-18 October 2020
4. Motiwala T, Pathak M, Saxena A. One stage and 2- stage laparoscopic assisted anorectoplasty (LAARP) for anorectal malformation: A systematic review. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON 16-18 October 2020
5. Vig A, Pathak M, Saxena R, Sinha A. Endovascular coiling of the right hepatic artery as a rescue strategy in a case of massive hematemesis post choledochal cyst excision. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON 16-18 October 2020
6. Menon R, Saxena R, Pathak M, Krishnamurthy S, Sinha A. First indian case report of pediatric gastrointestinal basidiobolomycosis and its surgical management. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON 16-18 October 2020
7. Vig A, Rathod K, Jadhav A, Pathak M, Saxena R, Sinha A. Role of preoperative laboratory investigations to predict perforated appendicitis in children. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON 16-18 October 2020
8. Sikchi R, Saxena R, Pathak M, Sinha A. Laparoscopic assisted resection of recurrent vaginal rhabdomyosarcoma. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON 16-18 October 2020
9. Suchiang B, Saxena R, Pathak M, Rathod K, Jadhav A, Sinha A. Laparoscopic mesh sacrocolpopexy in a case of prolapsed neovagina in a teenager. E-IAPSCON 16-18 October 2020.
10. Sikchi R, Pathak M, Sinha A. Anterior urethral diverticulum with unusual presentation in a child- a rare case report. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON 16-18 October 2020
11. Shreyas K, Saxena R, Pathak M, Sinha A. A rare case of variant of Type 2A2Y urethral duplication and its management. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON 16-18 October 2020
12. Bhatt S, Saxena R, Sinha A, Pathak A, Rathod KJ, Jadhav A. En Masse Ligation Of Thoracic Duct In Management Of Intractable Chylothorax Secondary To Iatrogenic Leak. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON 16-18 October 2020
13. JayaKumar TK, Rathod KJ, Saxena R, Pathak M, Jadhav A, Sinha A. Outcomes of Early Oral Feeding Compared To Delayed Feeding In Children After Elective Distal Bowel Anastomoses. IAPSCON 2020. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS E-IAPSCON 16-18 October 2020
14. Motiwala T, Sinha A, Rathod KJ, Yadav T, Manchanda V, Jadhav A, Pathak M, Saxena R. Correlation of urethral ratio and bladder wall thickness with cystoscopic findings in posterior urethral valve patients to assess residual valves. IAPSCON 2020. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON 16-18 October 2020.
15. Ayushi Vig, Kirtikumar Rathod, Jadhav Avinash, Rakesh Kumar, Neeraj Gupta, Arvind Sinha. Thoracoscopic repair of a rare variant of esophageal atresia and tracheoesophageal fistula. Sept 11, 2020. Virtual Conference. Presented in IPEG 2020 Top abstract of the year.

Sessions Chaired:

1. Guest lecture session in International Conference of Hypospadias held on a virtual platform as a joint biennial meeting of the Indian society of Pediatric Urology (ISPU) and the Asian Society of Pediatric Urology (ASPU) February 12-14, 2021.
2. Clinical case presentation session in 13th Pediatric Surgery Update 2021, March 11-14, 2021, Maulana Azad Medical College, New Delhi.

Invited Lectures

1. Distal hypospadias repair: simplified paradigm for the novice International Conference of Hypospadias held on a virtual platform as a joint biennial meeting of the Indian society of Pediatric Urology (ISPU) and the Asian Society of Pediatric Urology (ASPU) February 12-14,2021.

Research Project:

Ongoing:

As Principal Investigator

1. To study the effect of duration of indwelling urinary catheter on surgical outcome following tubularized incised plate repair in patients with distal hypospadias
2. To evaluate the parental knowledge about surgical wound care among pediatric patients in India
3. Implementation of early discharge protocol after laparoscopic appendectomy for pediatric uncomplicated acute appendicitis

As Co-Investigator

1. Comparison of outcome in pediatric stented hypospadias repair with continuous antibiotic prophylaxis versus no post-operative prophylaxis.
2. Retrospective analysis of Outcome of stoma closure in children without mechanical bowel preparation
3. Histological and Immunohistochemical changes in buccal mucosa graft in cases of hypospadias
4. To evaluate the challenges faced by healthcare team during the elective surgeries performed during COVID-19 pandemic in pediatric population.
5. Comparison of Pediatric Surgical Emergencies before and after COVID-19 pandemic.
6. Evaluation of the challenges and adaptation of surgeons while operating with Personal Protective Equipment during the surgeries performed in COVID-19 pandemic in a tertiary care center.

Completed:

As Co-Investigator

1. Laparoscopic inguinal hernia repair: comparison of twotechniques

Scientific Awards/Patents

1. Best paper award, Endovascular management of massive hematemesis following laparoscopic choledochal cyst excision. 46th Annual conference of Indian Association of Pediatric Surgeons (IAPSCON 2021) on virtual platform, 16-18 October 2020.

Membership/Post in Journal or Society or Association :

1. Executive committee member, Association of Pediatric Surgical Oncology Subchapter of Indian Association of Pediatric Surgeons

National/ International Conferences attended:

1. 46th Annual conference of Indian Asssocation of Pediatric Surgeons (IAPSCON 2021) on virtual platform, 16-18 October 2020.
2. International Conference of Hypospadias held on a virtual platform as a joint biennial meeting of the Indian society of Pediatric Urology (ISPU) and the Asian Society of Pediatric Urology (ASPU) February 12-14, 2021.

Name of Faculty : Dr. Kirtikumar J Rathod
Designation : Associate Professor

Book Chapters

1. Kirtikumar J Rathod Avinash Jadhav. "Minimally Invasive Surgery for Wilms Tumor". Sarin YK Ed, Textbook of Wilms Tumor, 2021 (In Press)
2. Ayushi Vig, Kirtikumar J Rathod. "Non Radiological Work-up for Wilms Tumor". Sarin YK Ed, Textbook of Wilms Tumor, 2021 (In Press)
3. Arvind Sinha, Manish Pathak, Avinash Jadhav, Kirtikumar Rathod. "Laparoscopic Nephrectomy". Textbook of Minimally Invasive Pediatric Surgery. Rasik Shah, Prakash Agarwal, Ravi Ramadwar (Editors) In Editorial review.

Papers Presented:

1. Ayushi Vig, Kirtikumar Rathod, Jadhav Avinash, Rakesh Kumar, Neeraj Gupta, Arvind Sinha. Thoracoscopic repair of a rare variant of esophageal atresia and tracheoesophageal fistula. Sept 11, 2020. Virtual Conference. Presented in IPEG 2020 Top abstract of the year.
2. Jayakumar TK, Kirtikumar Rathod, Bala Eradi, Arvind Sinha. Outcomes of Early Oral Feeding Compared to Delayed Feeding In Children After Elective Distal Bowel Anastomoses. e-IAPSCON 2020. Online. Virtual, 16th - 18th October 2020.
3. Jayakumar TK, Kirtikumar Rathod, Rahul Saxena, Avinash Jadhav, Manish Pathak, Arvind Sinha. Point-of-care improvement in Pediatric Surgery ward rounds after implementation of a checklist e-IAPSCON 2020. Online. Virtual, 16th October 2020 - 18th October 2020. Got 1st best paper award.
4. Tanmay Motiwale, Arvind Sinha, Kirtikumar Rathod, Avinash Jadhav, Taruna Yadav. Correlation of urethral ratio and bladder wall thickness with cystoscopic findings in posterior urethral valve patients to assess residual valves. e-IAPSCON 2020. Online. Virtual, 16th October 2020 - 18th October 2020.
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9. Ayushi Vig, Kirtikumar Rathod, Rahul Saxena, Avinash Jadhav, Manish Pathak, Arvind Sinha. Role of preoperative laboratory parameters in predicting perforated appendicitis. e-IAPSCON 2020. Online. Virtual, 16th October 2020 - 18th October 2020. Got 1st Best Paper award.
10. Tanmay Motiwala, Kirtikumar J Rathod, Rupesh Sikchi, Sadik Mohammed, Taruna Yadav, Daisy Khera and Arvind Sinha. Thoracoscopic lobectomy for congenital lobar emphysema in a child. 16th Annual PESICON 2021, SRCC Children's Hospital Mumbai, 19th to 21st March 2020. 1st Best video in thoracoscopic Session.
11. Biangchwadaka Suchiang, Rahul Saxena, Arvind Sinha, Kirtikumar Rathod, Taruna Yadav and Madhukar Mittal. Laparoscopic cortical preserving adrenalectomy for right sided pheochromocytoma. 16th Annual PESICON 2021, SRCC Children's Hospital Mumbai, 19th to 21st March 2020.

12. Rupesh Suresh Sikchi, Kirtikumar J Rathod, Taruna Yadav, Poonam Elhance and Arvind Sinha. Multiloculated complex mesenteric cyst -Total laparoscopic resection with laparoscopic intra-corporeal end to end small bowel anastomosis in a child. 16th Annual PESICON 2021, SRCC Children's Hospital Mumbai, 19th to 21st March 2020.
13. Ayushi Vig, Kirtikumar J Rathod, Avinash Jadhav, Taruna Yadav, Shilpa Goyal and Arvind Sinha A complex bilobed choledochal cyst excision: a technical challenge. 16th Annual PESICON 2021, SRCC Children's Hospital Mumbai, 19th to 21st March 2020.
14. Shreyas K, Kirtikumar Rathod, Taruna Yadav, Darshana Rathod, Shilpa Goyal and Arvind Sinha. A rare case of Thoracoscopic ganglioneuroma excision in a patient of ROHHAD syndrome. 16th Annual PESICON 2021, SRCC Children's Hospital Mumbai, 19th to 21st March 2020.
15. Thoracoscopic repair of iatrogenic Bronchogenic cyst injury in a neonate during Bronchogenic cyst excision. 16th Annual PESICON 2021, SRCC Children's Hospital Mumbai, 19th to 21st March 2020.
16. Somya Bhatt, Rahul Saxena, Arvind Sinha, Manish Pathak, Kirtikumar Rathod and Avinash Jadhav. Auto- Amputated Ovarian Cyst – a unique finding. 16th Annual PESICON 2021, SRCC Children's Hospital Mumbai, 19th to 21st March 2020.

Sessions Chaired

1. Moderated the session on paediatric minimal access surgery in 13th Annual Pediatric Surgery Update MAMC New Delhi
2. PESICON 2021 Annual Oration. 16th Annual PESICON 2021, SRCC Children's Hospital Mumbai, 19th to 21st March 2020.

Invited Lectures

1. "Role of Minimally Invasive Surgery in Paediatric Oncology" SIOP ASIA conference Tata Memorial Hospital Mumbai 19-20 March 2021 Virtual.

Research Projects:

As Principal Investigator

1. Histological Changes in Penile tissues due various haemostatic Method used during hypospadias operation.
2. Role of preoperative splenectomy artery embolization before splenectomy in children.

Scientific Awards

1. Thoracoscopic repair of a rare variant of esophageal atresia and tracheoesophageal fistula. Sept 11, 2020. Virtual Conference. Presented in IPEG 2020 Top abstract of the year
2. Point-of-care improvement in Pediatric Surgery ward rounds after implementation of a checklist e-IAPSCON 2020. Online. Virtual, 16th October 2020 - 18th October 2020. Got 1st best paper award.
3. Role of preoperative laboratory parameters in predicting perforated appendicitis. e-IAPSCON 2020. Online. Virtual, 16th October 2020 - 18th October 2020. Got 1st Best Paper award
4. Thoracoscopic lobectomy for congenital lobar emphysema in a child. 16th Annual PESICON 2021, SRCC Children's Hospital Mumbai, 19th to 21st March 2020. 1st Best video in thoracoscopic Session.

New Memberships

1. Member of Asian Association of Pediatric Surgeons.

National/ International Conferences attended:

1. 16th Annual Conference of Paediatric Endoscopic Surgeons of India, PESICON 2021, SRCC Children's Hospital Mumbai, 19th to 21st March 2020.

2. 45th annual conference of Indian Association of Paediatric Surgeons. e-IAPSCON 2020. Online. Virtual, 16th October 2020 - 18th October 2020.
3. 13th Annual Pediatric Surgery Update MAMC New Delhi. 11th -14th March 2021.
4. 8th Annual Conference of Society of Pediatric Urology India. e-SPUCON 2020 21-22 November 2020.

Other achievements:

1. Completed first year of “Masters in Global Child Health” MSc Program at St Jude Children’s Hospital USA
2. Got elected as Executive Committee Member of Indian Association of Pediatric Surgeons
3. Collaborated with Royal College of Surgeons of England to established AIIMS Jodhpur as partner Institute of RCS England.
4. Organizing Secretary of first “hybrid” conference of Paediatric Endoscopic Surgeons of India and Live Operative workshop from AIIMS Jodhpur was relayed in this meeting
5. International Pediatric Endosurgery Group (IPEG) – Video on thoracoscopic repair of Tracheoesophageal atresia was selected as IPEG 2020 Top Abstract
6. Selected as Ph.D supervisor at AIIMS Jodhpur

Name of Faculty: Dr. Avinash S. Jadhav

Designation: Associate Professor

Books/Chapters

1. Avinash Jadhav, Kirtikumar J Rathod. “Minimally Invasive Surgery for Wilms Tumor”. Sarin YK Ed, Textbook of Wilms Tumor, 2021 (In Press)
2. Arvind Sinha, Manish Pathak, Avinash Jadhav. “Laparoscopic Nephrectomy”. Textbook of Minimally Invasive Pediatric Surgery. Rasik Shah, Prakash Agarwal, Ravi Ramadwar (Editors) In Editorial review.

Papers Presented:

1. Somya Bhatt, Avinash Jadhav, Arvind Sinha et al . SMA Syndrome: A rare presentation & its management. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON, 16th to 18th Oct 2020, online.
2. Sikchi R, Rathod KJ, Goel A, Jadhav AS,etal . Systematic review and meta analysis of efficacy of vascular hitch for pelviureteric junction obstruction due to lower pole crossing vessels. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON, 16th to 18th Oct 2020, Online.
3. Ayushi Vig, Kirtikumar Rathod, Avinash Jadhav, Taruna Yadav,Shilpa Goyal, Arvind Sinha: A complex bilobed choledochal cyst excision : a technical challenge. 16th Pediatric Endoscopic Surgeons of India Annual conference from 19th-21st March 2021, SRCC Children’s Hospital, Mumbai. Maharashtra.
4. Ayushi Vig, Rathod KJ, Jadhav AS etal Single stage laparoscopic pyeloplasty and appendectomy in emergency setting. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON, 16th to 18th Oct 2020, Online.
5. Shreyas K, Rathod KJ, Jadhav AS, etal Laparoscopic nephrectomy for Wilms’tumor. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON,16th to 18th Oct 2020, Online.
6. Rahul Saxena, Biangchwadaka Suchiang, Manish Pathak, Kirtikumar Rathod, Avinash Jadhav, Arvind Sinha Laparoscopic mesh sacrocolpopexy in a case of prolapsed neovagina in a teenager.

- 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON 16th to 18th Oct 2020, Online.
7. Rahul Saxena, Somya Bhatt, Arvind Sinha, Manish Pathak, Kirtikumar Rathod, Avinash Jadhav En Masse Ligation Of Thoracic Duct In Management Of Intractable Chylothorax Secondary To Iatrogenic Leak. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON held from 16th to 18th Oct 2020.
 8. JayaKumar TK, KirtiKumar J Rathod, Rahul Saxena, Manish Pathak, Avinash Jadhav, Arvind Sinha. Outcomes Of Early Oral Feeding Compared To Delayed Feeding In Children After Elective Distal Bowel Anastomoses. IAPSCON 2020. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON held from 16th to 18th Oct 2020.
 9. Motiwala T, Sinha A, Rathod KJ, Yadav T, Manchanda V, Jadhav A, Pathak M, Saxena R Correlation of urethral ratio and bladder wall thickness with cystoscopic findings in posterior urethral valve patients to assess residual valves. . IAPSCON 2020. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON held from 16th to 18th Oct 2020.
 10. Biangchwadaka Suchiang, Manish Pathak, Rahul Saxena, Avinash Jadhav, Kirtikumar Rathod, Arvind Sinha Pediatric Urology in the era of Covid-19: A systematic review. IAPSCON 2020. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON held from 16th to 18th Oct 2020.
 11. Biangchwadaka Suchiang, Manish Pathak, Poonam Elhence, Rahul Saxena, Avinash Jadhav, Kirtikumar Rathod, Arvind Sinha. Testicular remnant “nubbin” and incidental ectopic adrenal cortical rests: A case series and systematic review. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON held from 16th to 18th Oct 2020.
 12. Somya Bhatt, Rahul Saxena, Arvind Sinha, Manish Pathak, Kirtikumar Rathod, Avinash Jadhav. Auto-amputated ovarian cyst. 16th Pediatric Endoscopic Surgeons of India Annual conference from 19th-21st March 2021, SRCC Children’s Hospital, Mumbai. Maharashtra.

Sessions Chaired:

1. Moderator for Urology Session, PESICON 2021. 16th Pediatric Endoscopic Surgeons of India Annual conference from 19th-21st March 2021, SRCC Children’s Hospital, Mumbai. Maharashtra.

Resource Faculty:

1. Demonstration in Live operative workshop, 16th Pediatric Endoscopic Surgeons of India Annual conference from 19th-21st March 2021, SRCC Children’s Hospital, Mumbai. Maharashtra.

Research Project:

Ongoing:

As Co-Investigator

1. Evaluation of the challenges and adaptation of surgeons while operating with Personal Protective Equipment during the surgeries performed in COVID-19 pandemic in a tertiary care center.
2. Comparison of outcome in pediatric stented hypospadias repair with continuous antibiotic prophylaxis versus no post-operative prophylaxis.
3. Retrospective analysis of Outcome of stoma closure in children without mechanical bowel preparation.
4. To study the effect of duration of indwelling urinary catheter on surgical outcome following tubularized incised plate repair in patients with distal hypospadias.

5. To evaluate the challenges faced by healthcare team during the elective surgeries performed during COVID-19 pandemic in pediatric population.
6. Comparison of Pediatric Surgical Emergencies before and after COVID-19 pandemic.

Completed:

As Principal Investigator

1. Laparoscopic inguinal hernia repair: comparison of two techniques

As Co-Investigator

1. Study of impact of Multimedia teaching tool on Parental anxiety and comprehension of Informed consent in Paediatric surgical day care procedures.
2. To evaluate the use of urinary proteins, Neutrophil Gelatinase-Associated Lipocalin(NGAL), Monocyte Chemoattractant Protein-1(MCP-1) and Interleukin-6(IL-6) as biomarkers in Hydronephrosis and Hydroureteronephrosis in the paediatric population.
3. Study of factors causing parent or caregiver burden during surgical management of a child.

Membership/Post in Journal or Society or Association

1. Elected, Executive Member West Zone, Society of Pediatric Urology- IAPS.

National/ International Conferences attended:

1. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON held from 16th to 18th Oct 2020.
2. 16th Pediatric Endoscopic Surgeons of India Annual conference from 19th-21st March 2021, SRCC Children's Hospital, Mumbai. Maharashtra.

Name of Faculty: Dr. Rahul Saxena

Designation: Associate Professor

Books/Chapters

1. Sinha A, Saxena R. Choledochal Cysts . Abraham SJ, Kumar A (Editors) Contemporary Surgery, Vol 4, Micro Labs Limited, 2020, pp 113-128.
2. Saxena R. Familial Nonsyndromic Wilms Tumor. Sarin YK Ed, Textbook of Wilms Tumor, 2021 (In Press)

Papers Presented:

1. Biangchawadaka Suchiang, Rahul Saxena, Arvind Sinha, Kirtikumar Rathod, Taruna Yadhav, Madhukar Mittal. Laparoscopic cortical preserving adrenalectomy for right sided pheochromocytoma. PESICON 2021. 16th Pediatric Endoscopic Surgeons of India Annual conference from 19th-21st March 2021, SRCC Children's Hospital, Mumbai. Maharashtra
2. Somya Bhatt, Rahul Saxena, Arvind Sinha, Taruna Yadav, Poonam Elhence. Auto- Amputated Ovarian Cyst – a unique finding. PESICON 2021. 16th Pediatric Endoscopic Surgeons of India Annual conference from 19th-21st March 2021, SRCC Children's Hospital, Mumbai. Maharashtra
3. Biangchawadaka Suchiang, Rahul Saxena, Manish Pathak, Kirtikumar Rathod, Avinash Jadhav, Arvind Sinha Laparoscopic mesh sacrocolpopexy in a case of prolapsed neovagina in a teenager.

46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON held from 16th to 18th Oct 2020.

4. Rupesh Sikchi, Rahul Saxena, Manish Pathak, Arvind Sinha. Laparoscopic assisted resection of recurrent vaginal Rhabdomyosarcoma. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON held from 16th to 18th Oct 2020.
5. Rupesh Sikchi, Rahul Saxena, Manish Pathak, Arvind Sinha. Anterior urethral diverticulum with unusual presentation in a child- a rare case report. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON held from 16th to 18th Oct 2020.
6. Shreyas K, Rahul Saxena, Manish Pathak, Arvind Sinha. A rare case of variant of Type 2A2Y urethral duplication and its management. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON held from 16th to 18th Oct 2020.
7. Somya Bhatt, Rahul Saxena, Arvind Sinha, Manish Pathak, Kirtikumar Rathod, Avinash Jadhav. En Masse Ligation Of Thoracic Duct In Management Of Intractable Chylothorax Secondary To Iatrogenic Leak. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON held from 16th to 18th Oct 2020.
8. Revathy Menon, Rahul Saxena, Manish Pathak, Shreyas Krishnamurthy, Arvind Sinha. First Indian case report of Pediatric Basidiobolomycosis and its surgical management. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON held from 16th to 18th Oct 2020.

Sessions Chaired:

1. Moderator for PESI-IAPS Best Video Award Session, 12:00-1:30 PM, PESICON 2021. 16th Pediatric Endoscopic Surgeons of India Annual conference from 19th-21st March 2021, SRCC Children's Hospital, Mumbai. Maharashtra

Symposium Speaker

1. Panelist. Panel discussion on Nocturnal Enuresis, Jodhpur Branch, Indian Association of Pediatrics. Friday 29th January 2021

Resource Faculty:

1. Demonstration in Live operative workshop, 16th Pediatric Endoscopic Surgeons of India Annual conference from 19th-21st March 2021, SRCC Children's Hospital, Mumbai. Maharashtra.

Research Project:

Completed

1. A multi-site pragmatic prospective observational study assessing outcome and safety of oral chloroquine / hydroxychloroquine prophylaxis for Indian medical professionals at risk of COVID-19

Ongoing:

As Principal Investigator

1. Evaluation of the challenges and adaptation of surgeons while operating with Personal Protective Equipment during the surgeries performed in COVID-19 pandemic in a tertiary care center.
2. Comparison of outcome in pediatric stented hypospadias repair with continuous antibiotic prophylaxis versus no post-operative prophylaxis.
3. Retrospective analysis of Outcome of stoma closure in children without mechanical bowel preparation.

As Co-Investigator

1. To study the effect of duration of indwelling urinary catheter on surgical outcome following tubularized incised plate repair in patients with distal hypospadias.
2. To evaluate the challenges faced by healthcare team during the elective surgeries performed during COVID-19 pandemic in pediatric population.
3. Comparison of Pediatric Surgical Emergencies before and after COVID-19 pandemic.

Membership/Post in Journal or Society or Association

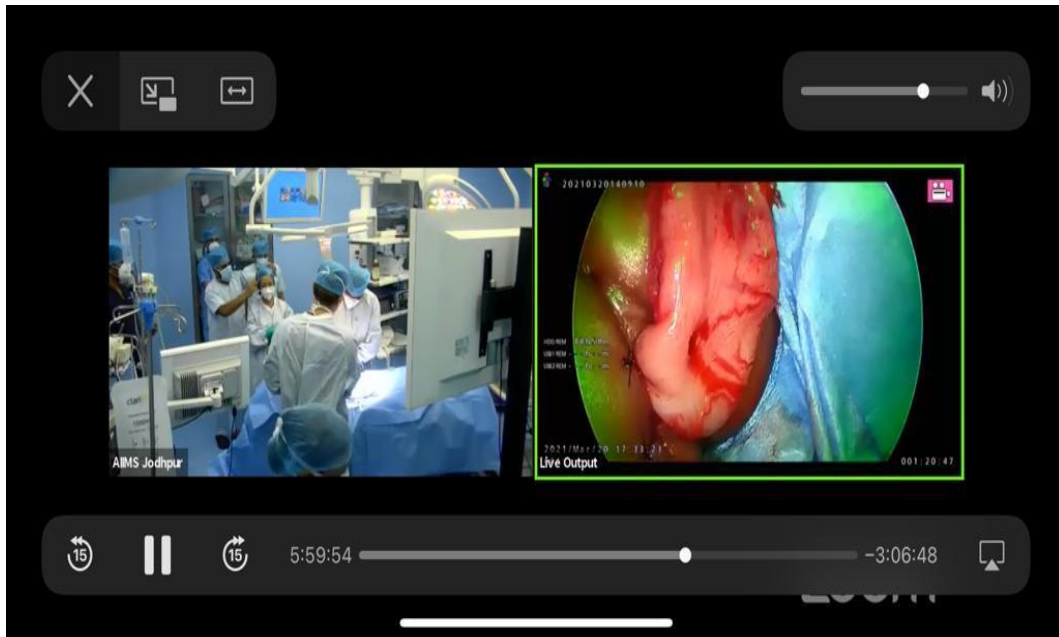
1. FACS - Fellow of American College of Surgeons, 2020
2. Membership of Global Initiative of Children Surgery, Headquarters Oxford, UK.

National/ International Conferences attended:

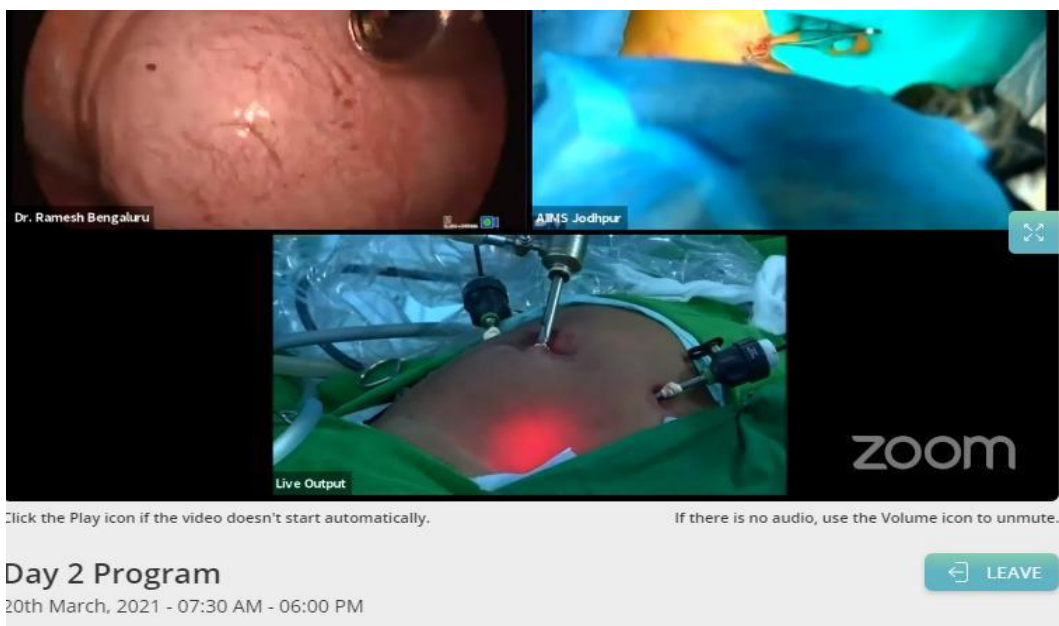
1. PESICON 2021. 16th Pediatric Endoscopic Surgeons of India Annual conference from 19th-21st March 2021, SRCC Children's Hospital, Mumbai. Maharashtra
2. IAPSCON 2020. 46th Annual Conference of the Indian Association of Pediatric Surgeons (IAPS), E-IAPSCON held from 16th to 18th Oct 2020
3. 13th PEDIATRIC SURGERY UPDATE 2021, 11-14th March 2021, Maulana Azad Medical College, New Delhi
4. Organized live operative workshop for PESICON 2021. 16th Pediatric Endoscopic Surgeons of India Annual conference from 19th-21st March 2021, SRCC Children's Hospital, Mumbai. Maharashtra

Conference Organized by the Department -

The Pediatric Endoscopic Surgeons of India Annual Conference (PESICON 2021) was organized in a hybrid manner with major virtual content. AIIMS Jodhpur was the major resource center for the organization of the conference. To highlight how laparoscopic surgery needs to trickle down to residents during their training, our senior residents demonstrated live operative laparoscopic procedures from AIIMS Jodhpur to delegates which was aimed at motivating other training departments to incorporate laparoscopy in their training curriculum. This was widely appreciated.



Pediatric surgery residents performing the live operative workshop in PESICON 2021



The operative program being telecast live from AIIMS Jodhpur to the delegates of PESICON 2021



Senior Residents fully equipped with audio-visual equipment for a two way communication



Pediatric Surgery Outpatient Department

Department of Pediatrics

S.No.	Name	Designation
1	Dr. Kuldeep Singh	Professor and Head
2	Dr. Jagdish Prasad Goyal	Additional Professor
3	Dr. Daisy Khara	Additional Professor
4	Dr. Prawin Kumar	Associate Professor
5	Dr. Varuna Vyas	Associate Professor
6	Dr. Aliza Mittal	Associate Professor
7	Dr. Siyaram Didel	Assistant Professor
8	Dr. Lokesh Saini	Assistant Professor
9	Dr. Bharat Choudhary	Associate Professor (Trauma and Emergency)

About the Department

The Department of Pediatrics added many new milestones during year 2020-21. In spite of COVID 19 related restrictions and other responsibilities, the department adapted to new normal of continuity of non-COVID-19 patient care along with managing COVID pneumonia and post COVID complication like MIS-C. Through COVID19 restriction, our department organized many online academic activities as part of Continuing Medical Education of Pediatric junior and senior residents along with faculty. Department also organized many academic activities for enhance knowledge and skill upgradation of pediatrician from Rajasthan specifically Western Rajasthan. These includes – Faculty in the Emergency Triage Assessment and Treatment (ETAT) Workshop – multiple sessions conducted throughout the year, 2nd Pediatric Critical Care Update, First Virtual Roundtable Discussion in Rajasthan on Spinal Muscular Atrophy (SMA) in association with CureSMA India and Marwar Pediatric Society, World Cancer day celebration, World Down Syndrome Day Celebration (virtual) and World Kidney Day – Peritoneal Dialysis Workshop. During this year department added new research, clinical and academic activities, and expanded the genetic laboratory work under National Inherited Diseases Administration (NIDAN) for antenatal testing of common thalassemia mutation in Western Rajasthan and Genetic testing for SMA testing for antenatal diagnosis and genetic counseling. Department got approved to start two new DM courses for DM Medical genetics and DM pediatric Pulmonology for providing dedicated care and research in these sub-specialties and preparing expert clinician to serve the society and the nation. Director AIIMS Jodhpur inaugurated new 16-bedded PICU (10 bed ICU + 6 bed HDU) on 4 Feb 2021 to augment services to critical pediatric cases in Western India. The first batch of Pediatric Nephrology fellowship completed their training program successfully while Pediatric Endocrinology unit started its first fellowships successfully. Pediatric nephrology unit was the first to start region's CAPD, CRRT and dedicated pediatric dialysis unit at AIIMS Jodhpur. Pediatric hematology-oncology unit gave lifeline to many pediatric malignancies and minimized draining to other referral units by providing care to these patients at our department even during COVID 19 pandemic crisis as previously service was not existent at Jodhpur for such patients. Department has submitted a proposal for starting a one-year fellowship course in Pediatric hematology-oncology to serve these cases better. Our center has achieved new milestone by starting enzyme replacement therapy for Late onset Pompe disease case and Crizanlizumab monoclonal drug therapy for symptomatic Sickle cell disease leading to decrease in crises. Institute selected with specialization in Pediatric Neurology which further expanded the working of our department by providing dedicated care to large number of pediatric neurology cases in the region.

Compiled list of all Publications of the department:**Papers****PubMed Indexed:**

1. Rajvanshi N Jr, Chacham S, Chegondi M, Goyal JP, Singh S. Pulmonary Hemosiderosis in a Child With Systemic Lupus Erythematosus: A Rare Presentation. *Cureus*. 2020 Apr 29;12(4):e7890.
2. Mittal A, Sethi SK, Nair N, Bagga A, Iyenger A, Ali U, Sinha R, Agarwal I, de Sousa Tavares M, Abeyagunawardena A, Hanif M, Shreshtha D, Moorani K, Asim S, Kher V, Alhasan K, Mourani C, Al Riyami M, Bunchman TE, McCulloch M, Raina R. Pediatric Continuous Renal Replacement Therapy (PCRRT) expert committee recommendation on prescribing prolonged intermittent renal replacement therapy (PIRRT) in critically ill children. *Hemodial Int*. 2020 Apr;24(2):237-251. doi: 10.1111/hdi.12821. Epub 2020 Feb 18. PMID: 32072767.
3. Kumar P, Goyal JP. Management of Asthma in Children during COVID-19 Pandemic. *Indian Pediatr*. 2020 May 4. pii: S097475591600172. [Epub ahead of print] PubMed PMID: 32366726.
4. Jayappa M, Kumar P, Goyal JP. Prolonged cholestasis after acute viral hepatitis: successfully treated with oral steroid. *BMJ Case Rep*. 2020;13(5):e234430. Published 2020 May 21. doi:10.1136/bcr-2020-234430.
5. Toteja N, Khera D, Sasidharan R, Choudhary B, Singh K. Enteric Fever Precipitating Myxedema Crisis [published online ahead of print, 2020 May 12]. *Indian J Pediatr*. 2020;10.1007/s12098-020-03287-y. doi:10.1007/s12098-020-03287-y
6. Raina R, Mittal A, Sethi SK, Chakraborty R. Challenges of Vascular Access in the Pediatric Population. *Adv Chronic Kidney Dis*. 2020 May;27(3):268-275. doi: 10.1053/j.ackd.2020.02.005. PMID: 32891312
7. Gautam G, Khera D, Singh K. Isles of white in a sea of red: an underdiagnosed entity? *BMJ Case Rep* 2020; 13:e234154. doi:10.1136/bcr-2019234154
8. Gautam G, Khera D. Sedation in Pediatric Bronchoscopy: Propofol versus Fentanyl. *Indian Pediatr*. 2020 May 15; 57(5):483-484. PMID: 32444528.
9. Choudhary B, Goyal JP. Management Concern for Non-COVID Children During the COVID-19 Pandemic. *Indian Pediatr*. 2020 Jun 15;57(6):591.
10. Sharma A, Vyas V. Global contribution of Indian authors in various critical care journals: An Eye-opener. *Saudi J Anaesth*. 2020 Apr-Jun;14(2):271-272.
11. Singh S, Dobhal A, Chacham S, Kumar P, Goyal JP. Improvement in Inhalation Technique: A Pilot Quality Improvement Project. *Indian J Pediatr*. 2020 Jul 10. doi: 10.1007/s12098-020-03432-7. Epub ahead of print. PMID: 32651864.
12. Goyal R, Chacham S, Goyal JP, Chegondi M. Wilson's Disease Masquerading as Juvenile Idiopathic Arthritis in an Adolescent. *Cureus*. 2020 Jul 12;12(7):e9160.
13. Mittal A, Singh AP, Sureka B, Singh K, Pareek P, Misra S. Telemedicine during COVID-19 crisis in resource poor districts near Indo-Pak border of western Rajasthan. *J Family Med Prim Care*. 2020 Jul 30;9(7):3789-3790. doi: 10.4103/jfmprc.jfmprc_1041_20. PMID: 33102377; PMCID: PMC7567257.
14. Singh K, Srivastav S, Bhardwaj A, Dixit A, Misra S. Medical Education During the COVID-19 Pandemic: A Single Institution Experience. *Indian Pediatr*. 2020 Jul 15;57(7):678-679. doi: 10.1007/s13312-020-1899-2. Epub 2020 May 4. PMID: 32366728; PMCID: PMC7387263.
15. Dwivedi R, Sharma C, Bhardwaj P, Singh K, Joshi N, Sharma PP. Effect of peer educator-PRAGATI (PeeR Action for Group Awareness through Intervention) on knowledge, attitude, and practice of menstrual hygiene in adolescent school girls. *J Family Med Prim Care* 2020;9:3593-9
16. Kumar P, Goyal JP. Medication adherence in pediatric asthma. *Lung India*. 2020 Jul-Aug;37(4):355-356. doi: 10.4103/lungindia.lungindia_516_19. PMID: 32643653; PMCID: PMC7507922.

17. Ladha N, Bhardwaj P, Charan J, Mitra P, Goyal JP, Sharma P, Singh K, Misra S. Association of Environmental Parameters with COVID-19 in Delhi, India. *Indian J Clin Biochem*. 2020 Aug 19;35(4):1-5.
18. Goyal S, Sharma A, Goswami D, Kothari N, Goyal A, Vyas V, Kirubakaran R, Sahu R, Singh S. Clonidine and Morphine as Adjuvants for Caudal Anaesthesia in Children: A Systematic Review and Meta-Analysis of Randomised Controlled Trials. *Turk J Anaesthesiol Reanim*. 2020 Aug;48(4):265-272.
19. Kumar P, Goyal JP. Tuberculosis During Covid-19 Pandemic: Challenges and Opportunities. *Indian Pediatr*. 2020 Sep 5: S097475591600241. Epub ahead of print. PMID: 32893833.
20. Kumar P, Mukherjee A, Randev S, Medigeshe GR, Jat KR, Kapil A, Lodha R, Kabra SK. Epidemiology of Coronavirus Infection in Children and their Impact on Lung Health: Finding from a Birth Cohort Study. *Pediatr Infect Dis J*. 2020 Sep 7. doi: 10.1097/INF.0000000000002884. Epub ahead of print. PMID: 32925544.
21. Banothu KK, Bhat JI, Das RR, Dhochak N, Ghimire JJ, Goyal JP, Gulla KM, Gupta S, Jat KR, Kabra SK, Kalyan P, Kumar A, Kumar P, Kumar V, Lodha R, Mathew JL, Pathania A, Ratageri VH, Singh V, Warankar S. Expert Opinion on Restoration of Pediatric Pulmonology Services During the SARS-CoV-2 Pandemic. *Indian Pediatr*. 2020 Nov 15;57(11):1055-1059. doi: 10.1007/s13312-020-2035-z. Epub 2020 Sep 16. PMID: 33034302; PMCID: PMC7678585.
22. Kaushal D, Kumar P, Goyal A, Choudhary B, Soni K, Nair N. Challenges in management of tracheobronchial foreign bodies with delayed presentation: An institutional experience. *Int Arch Otorhinolaryngol*. October 2020.
23. Mittal A, Jayappa M, Sureka B, Singh K. Incidental chronic kidney disease in an obese child with high myopia: Questions. *Pediatr Nephrol*. 2020 Oct 6. doi: 10.1007/s00467-020-04783-1. Epub ahead of print. PMID: 33025204.
24. Mittal A, Jayappa M, Sureka B, Singh K. Incidental chronic kidney disease in an obese child with high myopia: Answers. *Pediatr Nephrol*. 2020 Oct 6. doi: 10.1007/s00467-020-04785-z. Epub ahead of print. PMID: 33025205.
25. Mittal A, Pareek P. Telephonic Triage and Telemedicine During the Peak of COVID-19 Pandemic - Restricting Exposure to Healthcare Professionals. *Indian Pediatr*. 2020 Oct 15; 57(10):973-974. doi: 10.1007/s13312-020-2011-7. Epub 2020 Aug 11. PMID: 32788431; PMCID: PMC7605465.
26. Kaushal R, Bhardwaj P, Goel AD, Shashank S, Kumar P, Goyal JP. Prevalence of asthma and sleep-related breathing disorder in school-going children. *Indian Journal of Community Medicine*. November 2020. 45(4):540.
27. Chacham S, Rajput S, Gurnurkar S, Mirza A, Saxena V, Dakshinamurthy S, Chaturvedi J, Goyal JP, Chegondi M. Prevalence of Vitamin D Deficiency Among Infants in Northern India: A Hospital Based Prospective Study. *Cureus*. 2020 Nov 5;12(11):e11353.
28. Chugh A, Patnana AK, Kumar P, Chugh VK, Khera D, Singh S. Critical analysis of methodological quality of systematic reviews and meta-analysis of antibiotics in third molar surgeries using AMSTAR 2. *Journal of Oral Biology and Craniofacial Research*. 2020; 10:441-449.
29. Khera D, Singh S, Purohit P, Sharma P, Singh K. Prevalence of Zinc Deficiency and the Effect of Zinc Supplementation on the Prevention of Acute Respiratory Infections. *Turk Thorac J*. 2020 Nov;21(6):371-376. doi: 10.5152/TurkThoracJ.2019.19020. Epub 2020 Nov 1. PMID: 33352091; PMCID: PMC7752109.
30. Kaushal D, Verma AK, Sharma V, Elhence P, Kumar P. Rosai Dorfman Disease: Bull Neck Versus moon Facies: A balancing Act? A Diagnostic and Therapeutic Dilemma. *IJCMCR*. 2020; 6(4): 003DOI: 10.46998/IJCMCR.2020.06.000142

31. Kumar P, Goyal JP. Care of cystic fibrosis children in COVID-19 pandemic. *Turk Thorac J* 2020; 21(6): 461-2.
32. Didel S, Purohit A, Vyas V, et al. Disseminated tuberculosis in children—a difficult diagnose depends on how far we can go. *BMJ Case Reports CP* 2020;13:e237192.
33. Goyal, M., Singh, P., Singh, K., Shekhar, S., Agrawal, N., & Misra, S. (2021). The effect of the COVID-19 pandemic on maternal health due to delay in seeking health care: Experience from a tertiary center. *International journal of gynaecology and obstetrics: the official organ of the International Federation of Gynaecology and Obstetrics*, 152(2), 231–235. <https://doi.org/10.1002/ijgo.13457>
34. Abhishek, K. S., Kombade, S. P., Gupta, N., Tak, V., Nag, V. L., Singh, K., & Agarwal, N. (2021). Case series and mini review on Elizabethkingiameningoseptica a high alert organism causing meningitis in premature neonates from a tertiary care hospital of Western Rajasthan. *Infectious disorders drug targets*, 10.2174/1871526520666210104151430. Advance online publication.
35. Nebhinani N, Dwivedi N, Potaliya P, Ghatak S, Misra S, Singh K. Perception of Medical students for Faculty and Peer Mentorship program: An Exploratory study from North-Western India. *J. Indian Assoc. Child Adolesc. Ment. Health* 2020;17(3):143-153
36. Bansal Y, Maurya V, Aggarwal N, Tak V, Nag VL, Purohit A, Singh Kuldeep. Thrombocytopenia in malaria patients from an arid region of Western Rajasthan (India). *Trop Parasitol* 2020.
37. Choudhary, Rahul Singh, KuldeepChoudhary, Dinesh Kumar Gautam, Dinesh Mathur, RohitDeora, SurenderKaushik, Atul Bharat Sharma, Jai Patterns of care and mortality outcomes in patients admitted with acute coronary syndrome during coronavirus disease 2019 pandemic in India, *Coronary Artery Disease: January 18, 2021 - Volume Publish Ahead of Print - Issue - doi: 10.1097/MCA.0000000000001011*
38. Vasudevan A, Thergaonkar R, Mantan M, Sharma J, Khandelwal P, Hari P, Sinha A, Bagga A; Expert Group Of The Indian Society Of Pediatric Nephrology. Consensus Guidelines on Management of Steroid-Resistant Nephrotic Syndrome. *Indian Pediatr.* 2021 Jan 4:S097475591600278. Epub ahead of print. PMID: 33408286.
39. Vyas V, Sharma A. An Urgent Need to Color Code Vials and the Corresponding Delivery Devices for the Concentration of Insulin. *J Diabetes Sci Technol.* 2021 Jan;15(1):186-187.
40. Vyas V, Sharma A, Goyal S, Kothari N. Infrared vein visualization devices for ease of intravenous access in children: hope versus hype. *Anaesthesiol Intensive Ther.* 2021;53(1):69-78.
41. Haleemunnissa S, Didel S, Swami MK, Singh K, Vyas V. Children and COVID19: Understanding impact on the growth trajectory of an evolving generation. *Child Youth Serv Rev.* 2021 Jan;120:105754.
42. Kaushik A, Singh K, Patel S, Sharma JB, Deora S, Chaudhary R, Goel AD. Telemedicine during COVID-19 pandemic: a paradigm shift in cardiovascular care. *Rev ColombCardiol* 2020; (accepted)
43. Singh S, Khera D. BCG Vaccination Policy and Protection against COVID-19: Correspondence. *Indian J Pediatr* 2020. DOI: 10.1007/s12098-020-03576-6
44. Didel, S., Khera, D., Kumar, P. et al. COVID-19 in a Young Infant — A Fatal Multisystem Inflammatory Disorder. *Indian J Pediatr* 88, 395 (2021). <https://doi.org/10.1007/s12098-020-03647-8>
45. Thakur C, Kumar J, Kumar P, Goyal JP, Singh K, Gupta A. Vitamin-D supplementation as an adjunct to standard treatment of asthma in children: A randomized controlled trial (ViDASTA Trial). *PediatrPulmonol.* Epub 2021 Feb 1. PMID: 33522698.
46. Mittal J, Kumar P, Goyal JP, et al. Haemophagocytic lymphohistiocytosis secondary to brucellosis in a young child. *BMJ Case Reports CP* 2021;14:e240759.
47. Das RR, Mangaraj M, Nayak S, Satapathy AK, Mahapatro S, Goyal JP. Prevalence of Insulin Resistance in Urban Indian School Children Who Are Overweight/Obese: A Cross-Sectional Study. *Front Med (Lausanne).* 2021 Feb 12;8:613594.

48. Jain S, Yadav T, Kumar P, Goyal JP. Recurrent croup in a young child: lookbeyond airways disease. *BMJ Case Rep.* 2021 Feb 22;14(2):e236605.
49. Purohit, A., Singh, K., Kalla, A.R. *et al.* Evaluation of β -Thalassaemia Cases for Common Mutations in Western Rajasthan. *Indian J Hematol Blood Transfus* (2021).
50. Saurabh, S., Verma, M. K., Gautam, V., Kumar, N., Jain, V., Goel, A. D., Gupta, M. K., Sharma, P. P., Bhardwaj, P., Singh, K., Nag, V. L., Garg, M. K., & Misra, S. (2021). Tobacco, alcohol use and other risk factors for developing symptomatic COVID-19 vs asymptomatic SARS-CoV-2 infection: a case-control study from western Rajasthan, India. *Transactions of the Royal Society of Tropical Medicine and Hygiene*, 115(7), 820–831. <https://doi.org/10.1093/trstmh/traa172>
51. Debbarma, R., Khera, D., Singh, S., Toteja, N., Choudhary, B., & Singh, K. (2021). Nebulized Magnesium Sulphate in Bronchiolitis: A Randomized Controlled Trial. *Indian journal of pediatrics*, 1–6. Advance online publication.
52. Nebhinani N, Dwivedi N, Potaliya P, Ghatak S, Misra S, Singh K. Perception of Medical students for Faculty and Peer Mentorship program: An Exploratory study from North-Western India. *J. Indian Assoc. Child Adolesc. Ment. Health* 2020;17(3):143-153
53. Sinha A, Bagga A, Banerjee S, Mishra K, Mehta A, Agarwal I, Uthup S, Saha A and Mishra OP. Steroid sensitive Nephrotic Syndrome -revised guidelines. *Indian Pediatr.* 2021 March. : S097475591600301. Epub ahead of print.
54. Khera D, Didel S, Mittal A, et al. Intracerebral Haemorrhage in an Adolescent With COVID-19 With Acute Kidney Injury: Is the Virus to Blame?. *Cureus* 13(3): e14198. doi:10.7759/cureus.14198
55. Khera D, Didel S, Panda S, Tiwari S, Singh K. Concurrent Longitudinally Extensive Transverse Myelitis and Guillain-Barré Syndrome in a Child Secondary to COVID-19 Infection: A Severe Neuroimmunologic Complication of COVID-19. *Pediatr Infect Dis J.* 2021 Mar 9.
56. Khera D, Aggarwal S, Kumar P, Singh K. Case of oculo-auriculo-vertebral spectrum: rare clinical features. *BMJ Case Rep* 2021; 14:e234181. Doi: 10.1136/bcr-2019- 234181.

Non-Pubmed Indexed:

1. Vyas V, Khera D, Didel S, Yadav T, Singh K. Hypoparathyroidism precipitated by mumps: An unusual temporal association. *Indian Pediatr Case Rep* 2021; 1:33-5.
2. Khera D, Didel S, Purohit A, Umashanker S, Ramzan M.(2021). Fatal Chronic Immune Thrombocytopenia with Co-existent Type-1 Neurofibromatosis. *JCDR* 15(5), SL01
3. Didel S, Purohit AH, Krishna D, Vyas V, Singh K. Factor VII deficiency-related recurrent hemarthrosis in a female child – When to suspect? *Iraqi J Hematol* 2021; 10:82-3.
4. Priyadarshi K, Nag VL, Kombade S, Gadepalli RS, Misra S, Singh K. Molecular Diagnosis of COVID-19: An Update and Review. *Ann Natl Acad Med Sci (India)* 2020; 00:1–11 Online first
5. Srivastava S, Jain V, Nag VL, Misra S, Singh K. Current Avenues for COVID-19 Serology. *Ann Natl Acad Med Sci (India)* 2020; 00:1–3 (Online first)

Name of Faculty - Dr. Kuldeep Singh
Designation – Professor and Head

Books/Chapters:

1. Kuldeep Singh, Shilpi Gupta Dixit , Pradeep Dwivedi ,ShivalSrivastav, Abhinav Dixit ,Abhishek Bhardwaj,Mukesh Swami, SanjeevMisra. Medical Education during the COVID Pandemic: Challenges and Solutions. In “The Coronavirus Pandemic and the Future” *Chemistry World*

Ongoing:

As Principal Investigator

1. Establishment of NIDAN Kendra in Rajasthan
2. GenomeIndia: Cataloguing the Genetic Variation in Indians
3. Hospital based sentinel surveillance for S.pneumoniae and other invasive bacterial disease” in India. And Congenital Rubella Syndrome (CRS) Surveillance in India. PHASE-II
4. Congenital Rubella Syndrome (CRS) Surveillance in India
5. Stimulating Medical Student interest in Medical Genetics: Randomized Controlled trial of Innovative Educational Intervention
6. ‘Using audio-visual “Nudges” to Optimize Healthcare Delivery and Utilization’
7. Evaluation of common mutations during prenatal genetic testing in at-risk beta-thalassemia couples in Western Rajasthan
8. Screening for Spinal Muscular Atrophy by using Droplet Digital Polymerase Chain Reaction at AIIMS Jodhpur

As Co-Investigator–

1. Initiating Antimicrobial Stewardship program in Hospitals in India (ICMR)
2. Neonatal Sepsis in SNCU, Balotra- funded by THISTI
3. “Presepsin for the detection and risk stratification of sepsis in children: a prospective study.” An intramural project
4. “Study of Clostridium difficile infection in patients with antibiotic associated diarrhea in hospitalized patients in tertiary care center at AIIMS Jodhpur”: an intramural project
5. Endothelial dysfunction in children with CKD- Associating Circulating endothelial cells & markers of Mineral bone disease with endothelial function and atherosclerosis. – Intramural project- Research Cell AIIMS Jodhpur
6. Setting up of registry and targeted exome sequencing in children with renal tubular disorders- Indian Council of Medical Research. Collaborating with AIIMS Bhopal
7. Pattern of Pediatric Emergency during lock down in COVID era
8. Clinical Audit of Dengue Patient in Pediatric Emergency

Completed:

As Principal Investigator

1. Evaluating an Innovative method to teach Genetics to Medical Students: Improving Competency and Interest in Applied Basic Sciences

As Co-Investigator:

1. Evaluation of Sleep Related Breathing Disorders in Children with Asthma Questionnaire Based Cross-Sectional Study (Intramural non-funded project)
2. Telehealth in children with Diabetes Mellitus. Non-Funded.

Scientific Awards/Patents:

1. Patent “Flip2Empower”

Examinership:

1. MD Examiner for AIIMS Delhi and AIIMS Rishikesh,

2. PhD Examiner SGPGIMS, Lucknow

Membership/Post in Journal or Society or Association

1. Nodal person for India-Sweden Health Hub at AIIMS Jodhpur
2. Membership of ISPOR - The Professional Society for Health Economics & Outcomes Research (HEOR) Globally
3. Completed Advanced Course: Economic Evaluation for HTA

National/ International Conferences attended:

1. PEDICON 2021 as a speaker
2. RajNeocon 2020 as a speaker

Name of Faculty: Dr. Jagdish Prasad Goyal

Designation: Additional Professor

Papers Presented:

1. Poster presentation. Kumar P, Thakur C, Goyal JP. "Validation of Hindi version of the childhood asthma control test (C-ACT) in Indian children" in ERS virtual Congress 2020, on 7-9th September 2020.

Invited Lectures:

1. Panel discussion on "ChILD" in ePulmocon organized by pediatric respiratory society New Delhi on 18th September 2020.
2. Talk on Bronchiolitis Obliterans in National Conference on IAP National Respiratory Chapter on December 12, 2020.
3. Talk on "RTI GEM" Organized by IAP Rajasthan state branch on 27-28 January 2021

Symposium Speaker:

1. Cystic fibrosis Symposium conducted by IAP National Respiratory Chapter on September 17, 2020.

Resource Faculty:

1. Parents Education Programme for Cystic Fibrosis (Online) organized by department of pediatrics AIIMS new Delhi on 29th November 2021.

Research Project:

Ongoing:

1. Initiating Antimicrobial Stewardship program in Hospitals in India (ICMR)
2. Improve diagnosis and management of cystic fibrosis (CF) by capacity building of medical college hospital across India and developed registry (ICMR)

Completed:

As Principal Investigator

1. To develop Acute Respiratory Infection Treatment Units (ATUs) and assess their utility in improving healthcare and research in pneumonia related morbidity and mortality in India

As Co-Investigator

1. Evaluation of Sleep Related Breathing Disorders in Children with Asthma Questionnaire Based Cross-Sectional Study (Intramural non-funded project)

Examinership:

1. Post graduate examiner at S.P. Medical College, Bikaner and S.N. Medical College, Jodhpur.

National/ International Conferences attended:

1. ERS Congress 2020. European respiratory Society, Virtual, 7-9th September 2020
2. Virtual school in adult and paediatric respiratory medicine Organised by ERS on 1-7 July 2020
3. Digital Asthma Masterclass -New Frontiers in Children's and Young People Asthma" on 4th September 2020, Organised by King College London

Name of Faculty: Dr Daisy Khara

Designation: Additional Professor

Workshops/ Conferences Organized

1. Organizing secretary of "2nd Pediatric Critical Care Update" (virtual) organized by Department of Pediatrics, AIIMS Jodhpur on 20th December 2020.

Any other information:

1. The 2nd Pediatric Critical Care Update was organized by the Department of Pediatrics, AIIMS Jodhpur on 20th December, 2020. 22 eminent faculty members were invited from institutes like AIIMS Delhi, PGI Chandigarh, Maulana Azad Medical College, AIIMS Raipur, AIIMS Patna, AIIMS Nagpur, SMS Jaipur and other prestigious private hospitals. Around 300 delegates had registered for the CME. The CME was very well appreciated by all stalwarts of Pediatric intensive care medicine.
2. Inauguration of new 16 bedded PICU at IPD 2C block (10 bedded PICU+ 6 bedded HDU) was done on 4th February 2021 by respected Director Sir and since then it is operational. It is a state-of-the-art facility with all pediatric intensive care unit norms being met.

Sessions Chaired:

1. Chaired the session on "Newer Drugs and devices in Asthma" at Raj Respicon 2020 (Annual State E-Conference of IAP Respiratory Chapter, Rajasthan) on 11th October 2020.

Invited Lectures

1. Faculty at Pedicriticon on 5th December 2020. Gave a talk on Vitamin cocktail in PICU: A Magic Wand.
2. Faculty for workshop on "NTEP Sensitization" organized at AIIMS Jodhpur on 19th and 23rd March. Gave a talk on " Definition, Diagnosis and Treatment of Drug Resistant TB".

Resource Faculty:

1. Faculty at North Zone E- Pedicon on 22nd November 2020. Moderated the panel discussion on Pediatric Tuberculosis.
2. Faculty for 4 Emergency Triage and Treatment workshops organized by the Department of Pediatrics, AIIMS Jodhpur in the months of December 2020, January , February and March 2021.

3. Faculty for IAP Marwar online webinar on Pediatric Tuberculosis: newer guidelines on 5th September, 2020.
4. Faculty for IAP Marwar online panel discussion on Pneumococcal and JE vaccines on 10th Jan 2021.
5. Faculty for IAP Marwar online panel discussion on COVID-19 in children on 23rd Jan 2021.

Research Project:

Ongoing:

As Principal Investigator

1. "Presepsin for the detection and risk stratification of sepsis in children: a prospective study." An intramural project

As Co-Investigator

1. "Congenital Rubella Syndrome Surveillance in India": multicentric extramural project funded by ICMR, Delhi.
2. "Hospital based Sentinel Surveillance for streptococcus Pneumonia and other Invasive bacterial diseases in India": multicentric extramural project funded by UNDP.
3. "Capacity Building and Strengthening of Hospital Infection Control to detect and prevent antimicrobial resistance in India" multicentric extramural project funded by CDC and ICMR
4. "Prevalence of intestinal parasitic infection in undernourished children attending Health care facilities in Western Rajasthan" an intramural project.
5. "Prevalence of metabolic syndrome in children with bronchial asthma" an intramural project.
6. "Study of Clostridium difficile infection in patients with antibiotic associated diarrhea in hospitalized patients in tertiary care center at AIIMS Jodhpur": an intramural project
7. "Clinical Profile of children with COVID -19 infection in western Rajasthan": a non-funded project.
8. "Ascertaining the spectrum of CFTR mutations by NGS based approach towards creation of a panel of markers for diagnosis and standardization of cost effective genotyping assay-a muticenter study ", an extramural project funded by ICMR.
9. "Assessment of parent satisfaction with care in pediatric intensive care unit: A prospective observational study", non-funded project.

Completed:

As Principal Investigator

1. Bacteriological profile of Health care associated infections and Antibiotic resistance pattern of isolates at PICU in Tertiary care Hospital; a retrospective study

As Co-Investigator

1. Validation of PIM 3 score in a tertiary care Pediatric intensive care unit in western Rajasthan: a retrospective study.

Examinership

1. External Examiner for the practical examination of third professional MBBS (Pediatrics) at Dr SN Medical College, Jodhpur from 04th to 06th Feb, 2021 at MDM hospital, Jodhpur.

Membership/Post in Journal or Society or Association

1. Life member of IAP Intensive Care Chapter

National/ International Conferences attended:

1. National TOT on Under five wheezers module on dIAP platform on 20th June 2020. (Online)
2. The IAP Marwar online webinar on Pediatric Tuberculosis: newer guidelines on 5th September, 2020. (online)
3. Attended North Zone E- Pedicon on 22nd November 2020. (Online)
4. Pedicriticon on 5th December 2020. (Online)
5. The IAP Marwar online panel discussion on Pneumococcal and JE vaccines on 10th Jan 2021.(Online)
6. IAP Marwar online panel discussion on COVID-19 in children on 23rd Jan 2021. (Online)
7. National TOT on IAP TASK module (Transport of sick kids) on 28th Feb 2021. (Online)
8. Workshop on “NTEP Sensitization” organized at AIIMS Jodhpur on 19th and 23rd March 2021. Gave a talk on “ Definition, Diagnosis and Treatment of Drug Resistant TB”.
9. The 4 three-day Emergency Triage and Treatment workshops organized by the Department of Pediatrics, AIIMS Jodhpur in the months of December 2020, January, February and March 2021.

Name of Faculty: Dr. Prawin Kumar

Designation: Associate Professor

Papers/Poster Presented:

1. Kumar P, Thakur C, Goyal JP. “Validation of Hindi version of the childhood asthma control test (C-ACT) in Indian children” in ERS virtual Congress 2020, on 7-9th September 2020.

Invited Lectures:

1. Talk on “Newer investigation in pulmonology” in ePulmocon organized by pediatric respiratory society New Delhi on 18th September 2020.
2. Talk on “RTI GEM” Organized by IAP Rajasthan state branch on 27-28 January 2021
3. Talk in “Vaccination dialogue” organised by Marwar pediatric Society Jodhpur on 24th January 2021

Resource Faculty:

1. Parents Education Programme for Cystic Fibrosis (Online) organized by department of pediatrics AIIMS new Delhi on 29th November 2021.

Research Project:

Ongoing:

As Co-Investigator

1. Hospital Based Sentinel Surveillance for S. pneumoniae & other Invasive Bacterial Disease: Multicentric study. (ICMR, NIE, Chennai).
2. Improve diagnosis and management of cystic fibrosis (CF) by capacity building of medical college hospital across India and developed registry (ICMR)

Completed:

As Principal Investigator

1. Evaluation of Sleep Related Breathing Disorders in Children with Asthma: A Questionnaire Based Cross-Sectional Study (Intramural non-funded project)

As Co-Investigator

1. To develop acute respiratory infection treatments unit (ATU) and assess their utility in improving healthcare and research in pneumonia related morbidity and mortality in India. (INCLLEN)

Examinership:

1. Internal examiner for Third Prof. M.B.B.S. PART-II (MAIN). PAEDIATRICS, AIIMS Jodhpur held on 9-12 th December 2020.

National/ International Conferences attended:

1. ERS Congress 2020. European respiratory Society, Virtual, 7-9th September 2020
2. Sleep workshop on “Nurturing Awareness in Pediatric Sleep – NAPS” on 11th October 2020 by IAP
3. Virtual school in adult and paediatric respiratory medicine Organised by ERS on 1-7 July 2020
4. Digital Asthma Masterclass -New Frontiers in Children’s and Young People Asthma” on 4th September 2020, Organised by King College London
5. 43rd European Cystic Fibrosis Conference (ECFC) on 24-25th September 2020
6. Workshop on pediatric TB, organized by NATCON on 18th November 2020

Name of Faculty: Dr. Varuna Vyas

Designation: Associate Professor

Workshops/ Conferences Organized

1. First Virtual Roundtable Discussion in Rajasthan on Spinal muscular Atrophy in association with Cure SMA India and Marwar Pediatric Society- December 2020
2. World Down Syndrome Day Celebration (virtual) at AIIMS Jodhpur- March 2021
3. Faculty in the Emergency Triage Assessment and Treatment Workshop – multiple sessions conducted throughout the year.
4. Faculty in the World Kidney Day – Peritoneal Dialysis Workshop at AIIMS Jodhpur- March 2021

Invited Lectures

1. “Plotting a child’s growth” Invited by Indian Academy of Pediatrics for North Zone Pediweek September 2020 online Lecture
2. “High Calorie Diet” Invited by School of Public Health AIIMS Jodhpur October 2020 online Webinar
3. Metabolic syndrome and Polycystic Ovarian Syndrome in Adolescents Invited by Marwar Pediatric Society- Invited lecture on March 2021, Jodhpur

Research Project:

Ongoing:

As principal investigator

Intramural funded project:

1. Immuno-clinical characterization of diabetes mellitus in children and adolescents.

Non-Funded

1. Retrospective review of records to see clinical presentation and short term HbA1C trends in children and adolescents with diabetes. (non-funded)

2. Short stature- clinic etiological profile of children presenting with short stature and limitations in appropriate diagnosis and treatment.

Co-Investigator: Funded Projects

1. Stimulating Medical Students interest in Medical Genetics: Randomized Controlled trial of an Innovative Educational Intervention: Funded by ICMR
2. Multicentric longitudinal study Developing Growth Charts for healthy Indian children 5 to 18 years of age. Principal Investigator: Dr. Kuldeep Singh
3. Genome India- Coordinating site- Centre for Brain Research, Bangalore. Principal Investigator: Dr. Kuldeep Singh, Funding Agency; Department of biotechnology
4. NIDAAN Kendra: PI – Dr. Kuldeep Singh. Funding Agency- Department of Biotechnology

Completed:

As Principal Investigator

1. Telehealth in children with Diabetes Mellitus. Non-Funded.

Membership/Post in Journal or Society or Association

1. Appointed as Associate Editor: Indian Pediatrics Case Reports

National/ International Conferences attended:

1. Attended online workshop on Rapid Reviews (CMC Vellore Association)-May 2020
2. Attended online Biostatistics workshop Science Tech Institute online- November 2020
3. Attended e Endocon online Pediatric Endocrinology Conference organized by Indian Academy of Pediatrics – North Delhi November 2020.
4. Attended Awesome adolescents and young adults digital workshop organised by Central Indian Academy of Pediatrics (IAP) and Jaipur IAP. June 2020

Any other information:

1. The Pediatric Endocrinology and diabetes fellowship program was started in the department.
2. Applied for initiation of the DM Medical Genetics program
3. Provided Proactive Telehealth services to children with diabetes mellitus during the COVID 19 Pandemic

Name of Faculty: Dr. Aliza Mittal

Designation: Associate Professor

Workshops conferences organized:

1. Exam Preparatory Pediatric Cases for Post Graduates and Under Graduates. Dr Aliza Mittal -Course Director. Virtual mode on Zoom Platform Nov 2020- Jan 2021
2. World Kidney Day – hands on- Peritoneal Dialysis workshop. Dr Aliza Mittal, on 27th March 2021 at AIIMS Jodhpur, E-Classroom

Papers and Posters Presented:

1. Aliza Mittal, Amarpal Singh, AasmaNalwa, Kuldeep Singh. Percutaneous ultrasound guided renal biopsy in children: Experience at a tertiary care centre in Western India. 14th Asian Congress of Pediatric Nephrology, 29th March- 1st April 2021Taipei, Taiwan
2. Aliza Mittal, HarshitaBamnawat, AasmaNalwa,DaisyKhera, Prawin Kumar, Kuldeep Singh –Short-term Experience in Management of Pediatric SLE in Western Indian Ethnic Population Compared with Other Parts of. 14th Asian Congress of Pediatric Nephrology.29th March- 1st April 2021Taipei, Taiwan
3. Aliza Mittal, Amarpal Singh VikarnVishwajeet, TarunaYadav, Pawan K Garg, SiyarmDidel. Calcified kidney in a young infant with Steven Johnson syndrome and Renal failure. 14th Asian Congress of Pediatric Nephrology .29th March- 1st April 2021Taipei, Taiwan

Invited Lectures

1. Invited speaker for “Rheumatic Heart Disease – A case based approach” presentation for Post Graduates during “Exam Preparatory Pediatric Cases for Post Graduates and Under Graduates, from Nov 2020- Jan 2021
2. Invited speaker on “Oxygen Therapy” as part of ETAT Workshopconducted by department of pediatrics, AIIMS Jodhpur in January, February and March 2021

Resource Faculty:

1. Speaker for “ Rheumatic Heart Disease – A case based approach” presentation for Post Graduates during “ Exam Preparatory Pediatric Cases for Post Graduates and Under Graduates, from Nov 2020- Jan 2021
2. Invited speaker on “Oxygen Therapy ” as part of ETAT Workshopconducted by department of pediatrics, AIIMS Jodhpur in January, February and March 2021
3. Member of the Working Group on Long-term Outcome of Nephrotic Syndrome, formed for revising the Guidelines on Nephrotic Syndrome, XIth Annual Training Course in Pediatric Nephrology, held in 4th -6thApril 2019, AIIMS Delhi, guidelines published in Jan 2021 and Dec 2020(Online).
4. Member of the working group for formulating Guidelines for Management of Pediatric AKI
5. Member of the working group for “Pediatric Continuous Renal Replacement Therapy (PCRRT) expert committeerecommendation on prescribing Renal replacement therapyin critically ill children with Liver Faliure” at The ISN World Congress of Nephrology, 12th -15th April 2019, Melbourne Australia [Attended Virtually]-Draft in process
6. Conducted the World Kidney Day – hands on- Peritoneal Dialysis workshop on 27th March 2021 for residents in pediatrics at AIIMS Jodhpur

Research Project:**Ongoing:****As Principal Investigator**

1. Endothelial dysfunction in children with CKD- Associating Circulating endothelial cells & markers of Mineral bone disease with endothelial function and atherosclerosis. – Intramural project- Research Cell AIIMS Jodhpur
2. Indian Pediatric Chronic Kidney Disease Registry. Non Funded. Chief Investigator from AIIMS Jodhpur centre. Collaborating with AIIMS New Delhi
3. Research on Nephrotic Syndrome: Participation in the Registry and Longitudinal Study Cohorts for Patients with Nephrotic Syndrome. Non Funded. Chief investigator from AIIMS Jodhpur centre, Collaboratng with AIIMS New Delhi

4. Indian registry and biorepository for patients with atypical hemolytic uremic syndrome- Multicentric project. Non Funded. Collaborating with AIIMS New Delhi
5. Setting up of registry and targeted exome sequencing in children with renal tubular disorders- Indian Council of Medical Research. Collaborating with AIIMS Bhopal
6. Short term review of Pediatric nephrology services in an upcoming tertiary care centre- A retrospective analysis.

Non-Funded.

1. Exploring the utility of telemedicine for Pediatric Nephrology at AIIMS Jodhpur: A study of patient outcomes, satisfaction and compliance: PG Thesis

As Co-Investigator

1. Association of different viral infections with disease severity in bronchiolitis
2. Use of furosemide stress test and cystatin-c as predictive markers of acute kidney injury progression in children: a prospective cohort study
3. Assessment of renal angina index and cystatin c as predictive markers in acute kidney injury in children with septic shock: a prospective cohort study
4. Profiling of membranous nephropathy based on immune-histochemical expression of antigens nELL-1, PLA2R and THSD7A
5. Predicting COVID-19 morbidity and mortality through epidemiological modelling: A data mining approach

Completed:

As Principal Investigator

1. Endothelial dysfunction in children with CKD- Associating Circulating endothelial cells & markers of Mineral bone disease with endothelial function and atherosclerosis. – Intramural project- Research Cell AIIMS Jodhpur- Completed in June 2021
2. Indian Pediatric Chronic Kidney Disease Registry. Non Funded. Chief Investigator from AIIMS Jodhpur centre. Collaborating with AIIMS New Delhi- Completed in Dec 2020
3. Research on Nephrotic Syndrome: Participation in the Registry and Longitudinal Study Cohorts for Patients with Nephrotic Syndrome. Non Funded. Chief investigator from AIIMS Jodhpur centre, Collaborating with AIIMS New Delhi- Completed in June 2021

As co-investigator

1. Hypertension among adolescents with signs and symptoms of stress using ambulatory blood pressure monitoring- PG Thesis (Research Cell AIIMS Jodhpur)-Non Funded
2. To evaluate the use of urinary proteins, Neutrophil Gelatinase-Associated Lipocalin (NGAL), Monocyte Chemoattractant Protein-1 (MCP-1) and Interleukin-6 (IL-6) as biomarkers in Hydronephrosis and Hydroureteronephrosis in the paediatric population.-M Ch Thesis- Research Cell AIIMS Jodhpur.

Membership/Post in Journal or Society or Association

1. Member of the IPNA- International Pediatric Nephrology Association

National/ International Conferences attended:

1. The "Online Training Program on Biostatistics for Medical Professionals" conducted by Science Tech Institute Lucknow, Nov 2020 (Online)

2. The annual conference of the Indian Society of Pediatric Nephrology in December 2020 (Online)
3. The 14th Asian Congress of Pediatric Nephrology, Taiwan which was held in hybrid mode. (Online)

Any other information:

1. Part of the committee for initiating Telemedicine in the institute as an alternative system of providing consultation to (OPD) out patients during COVID-19 pandemic.

Name of Faculty: Dr. Siyaram Didel

Designation: Assistant Professor

Workshops and Conferences Organized

1. Online organization of SMA awareness activity with first round table discussion in Rajasthan in collaboration with CureSMA, Govt. of Rajasthan and Marwar Pediatric Society. (Dec 24, 2020)
2. World Down Syndrome Day Celebration (virtual) at AIIMS Jodhpur- March 2021
3. Faculty in the Emergency Triage Assessment and Treatment Workshop – multiple sessions conducted throughout the year.
4. Faculty in the World Kidney Day – Peritoneal Dialysis Workshop at AIIMS Jodhpur- March 2021

Papers / Poster Presented:

1. Should we still do bone marrow examination in suspected cases of itp: a study from western Rajasthan. (Haematocon – 2020 Virtual)
2. Prevalence of hemoglobinopathies in western Rajasthan. (Haematocon – 2020 Virtual)
3. Gelatinous transformation of bone marrow in an HIV - positive paediatric patient. (Haematocon – 2020 Virtual)
4. Title: outcome of inhibitor screening in haemophiliac patients at a tertiary care center in Rajasthan: a move towards inhibition of the inhibitors. (Haematocon – 2020 Virtual)

Invited Lectures:

1. "Vaccination Dialogue by Marwar Pediatric Society." Held on 17th January 2021 (Online).
2. "COVID 19 AND MIS-C in Children by Marwar Pediatric Society" Held on 23rd January 2021 (Online).
3. "Thalassemia and Haemophila awareness Workshop" Govt medical College, Pali on 16th March 2021.

Research Project:

Ongoing

As principal investigator-

1. To study the sensitivity, specificity and positive predictive value of neutrophil parameters {neutrophil-granularity-intensity (NEUT-GI) and neutrophil-reactivity-intensity (NEUT-RI)} in diagnosis of sepsis as compared to existing sepsis marker in pediatric emergency and intensive care unit, AIIMS Jodhpur
2. Child sexual abuse-A step towards prevention (Assessing gaps in knowledge & preventive measure in healthcare workers, teachers and parents)
3. Cost of illness analysis for treatment Paediatric haematological Cancers

As Co- investigator

1. "Evaluation of alteration in haemostatic and thrombotic milieu and its correlation with disease severity in COVID-19 patients" (completed)

2. Evaluation of common mutations during prenatal genetic testing in at-risk beta-thalassemia couples in Western Rajasthan
3. Screening for Spinal Muscular Atrophy by using Droplet Digital Polymerase Chain Reaction at AIIMS Jodhpur
4. "Screening of Sickle Cell Disease (SCD) among Tribal Population in Aspirational district of Sirohi, Rajasthan - A Need Assessment & Awareness Initiative"
5. "Prevalence of numerical chromosomal aberrations in acute lymphoblastic leukemia in western Rajasthan population: pilot study".
6. "NIDAAN Kendra: PI – Dr. Kuldeep Singh. Funding Agency- Department of Biotechnology"

Membership/Post in Journal or Society or Association

1. Life Member of Indian Academy of Pediatric (IAP)
2. Life Member of Indian Academy of Pediatric Hemato-oncology (MPHO)

Workshop attended –

1. PID Course - A class beyond boundaries (APSID-APAAACI) held from June 15-20, 2020 (Online)
2. E - HEMOCON held on July 22nd to July 25th 2020 (Online).
3. IMPACT - 2020 held on Sept 16-18 2020 (online).
4. 2nd Online Research Methodology Workshop by NNF held on Jan 23 - Feb 7, 2021 (Online).

Any other information:

1. Regular organization of pediatric health awareness activity through Marwar Pediatric Society like adolescent week celebration, immunization week and COVID awareness and other education activities.
2. Developing well-functioning pediatric hemato – oncology (PHO) unit and inviting supporting agencies to help the families and children affected with hematological malignancies and interdepartmental coordination for betterment of these children.

Name of Faculty: Dr. Lokesh Saini

Designation: Assistant Professor

Name of Faculty: Dr. Bharat Choudhary

Designation: Associate Professor (Trauma & Emergency)

Various year round academic and other activities and new land marks achieved by the Department of Pediatrics.

1. Inauguration of new 16 bedded PICU at IPD 2C block (10 bedded PICU+ 6 bedded HDU) was done on 4th February 2021 by our Director, Prof Sanjeev Misra and since then it is operational. It is a state-of-the-art facility with all pediatric intensive care unit norms being met.



Inauguration ceremony of 10 bedded PICU & 6-bedded HDU on 4th February 2021

2. February 4th observed as World Cancer Day every year. Department of Pediatrics, AIIMS Jodhpur celebrated this day with children suffering from blood cancer for sharing and understanding the suffering of children with blood cancer. All faculty, residents, staff, parents and relatives have participated with enthusiasm. The theme of world blood cancer day for this year is “I am and I will” is about enduring power of cooperation and collective action for cancer free world. It is observed to raise awareness and reduce the stigma surrounding the disease that is the second leading cause of death globally. AIIMS Jodhpur is treating children with blood cancer since October 2019 with patient coming from various districts of Rajasthan by trained and dedicated team with empathy. Head of the Department, Prof Kuldeep Singh emphasized about timely consultation for early diagnosis and treatment is key to cure any type of cancer including blood cancer. Parents of children with blood cancer also share their thoughts and views (Perspective). The other aim of this celebration was to create awareness and to reduce misconceptions about blood cancer, providing right information about cancer and disseminating the message that “cancer is curable” now



World Cancer day celebrations on 4th February 2021

3. Four ETAT workshops were conducted from December 2020-March 2021. These workshops were organized in coordination with Rajasthan State Health Department. Each three-day workshop was aimed to trained medical and nursing officers working at CHC and PHC level about treatment of common Pediatric emergencies and Triage protocols. Medical and Nursing officers got an opportunity of Hands-on Training on common Pediatric Emergencies. The attraction of ETAT training was practice on high end simulators with multiple scenarios.



AIIMS Jodhpur ETAT workshops conducted in association with the State Health Department, Rajasthan

4. The department is also exploring ways to get specific advance molecular treatment for various genetic disorders like Pompe disease and Sickle cell disease. As social initiative, faculty and Residents from department took part in voluntary blood donation to help children with various blood disorders



Voluntary blood donation by the Department of Pediatrics, AIIMS Jodhpur

5. On 27thMarch 2021, Department of Pediatrics of AIIMS, Jodhpur hosted a full day workshop on Peritoneal Dialysis on occasion of World Kidney Day, under the mentorship of Dr Aliza Mittal. The workshop was attended by Junior and Senior residents from various colleges of Rajasthan, including the MD pediatrics trainees from AIIMS, Jodhpur. In view of Covid- 19 pandemic, the number of participants were restricted to 30. The programme was chaired by Dean and Head of Department of Pediatrics,

Prof. Kuldeep Singh. Programme started with a welcome note, which was presented by Dr. Aliza Mittal. This was followed by introductory speech on “Genetics of renal disease” by Prof. Kuldeep Singh and a representative from Medgenome. A detailed discussion on basics of peritoneal dialysis- including the indications, complications of peritoneal dialysis was given by Dr. Aliza Mittal which was then followed by question and answer sessions to clear the doubts posed by participants. Four groups, each with 8 participants were then rotated on various stations manned by faculty members and included skills on catheter insertion. Also, hands on practice of insertion of Peritoneal dialysis catheter, provided opportunity for all participants to have a high fidelity experience of insertion of catheter. The sessions also included prescription of Peritoneal dialysis in different case scenarios including hyperkalemia, volume overload, metabolic acidosis, hyponatremia etc. There was demonstration of insertion soft PD catheter by Dr. Aliza Mittal at each station. The session concluded with live demo of CAPD cycle by representative from Baxter.



Hands-on Peritoneal Dialysis workshop organized on World Kidney Day

Department of Pharmacology

S.No.	Name	Designation
1	Dr. Sneha Ambwani	Professor & Head
2	Dr. Surjit Singh	Additional Professor
3	Dr. Pradeep Dwivedi	Associate Professor
4	Dr. Jaykaran Charan	Associate Professor
5	Dr. Shoban Babu Varthya	Assistant Professor
6	Dr. RimpleJeet Kaur	Assistant Professor

About the Department

The Department is engaged in teaching undergraduates, postgraduates and conducting integrated lectures in collaboration with other departments. Department is successfully participating in the online-teaching activity of the institute since 23rd March 2020. We also undertake Computer Assisted Learning in online-mode for better clarity & comprehension of practical.

The department received funding from Ministry of Tribal Affairs, ICMR-Extramural project, and other funding agencies. The department is involved in global and national clinical trials like solidarity trial, AYUSH-64 trial and COVID-19 vaccine trial.

“Adverse Drug Monitoring Center” (AMC) under “Pharmacovigilance Programme of India” (PvPI) is functional in department since 2014. More than 1500 adverse drug reaction (ADR) were reported to Vigi Flow database and 80 ADR reports in year 2020-21 despite ongoing pandemic of COVID-19. Department is designated as Materiovigilance centre at & is planning to establish “Toxicovigilance, & Hemovigilance centre” and a “Drug information centre” and “Therapeutic drug monitoring” (TDM) and pharmacogenomics of various drugs. Communication is ongoing with BoehringerIngelheim India Pvt. Ltd to start sensitization programme for junior residents regarding Clinical Research, medico marketing and ICSR/PSUR generation.

Compiled list of Publications of the department:

Pubmed Indexed:

1. Dutta S, Ambwani S, Lal H, Ram K, Mishra G, Kumar T, Varthya SB. The satisfaction level of undergraduate medical and nursing students regarding distant preclinical and clinical teaching amidst COVID-19 across India. *Advances in Medical Education and Practice*. 2021; 12:113.
2. Dutta S., Ambwani S., Mishra G., Lal H., Ram K., Kumar T. Pharmacovigilance in The Era Of Covid-19: A Concise Review Of The Current Scenario, Implications, And Challenges. *International Int J App Pharm* 2021: 13(3): 1-4.
3. Dutta S, Kaur RJ, Charan J, Bhardwaj P, Sharma P, Ambwani S et al. Serious adverse events reported from the COVID-19 vaccines: A descriptive study based on WHO database. *medRxiv* 2021.03.23.21253433.
4. Singh S, Chugh VK, Chugh A. A systematic review and meta-analysis of randomized clinical trials comparing rotary canal instrumentation techniques with manual instrumentation techniques in primary teeth. *IntEndod J* 2020;53(9):1307-1308

5. Singh S, Mandal S, Chugh A. et al. Clinical post-operative bleeding during minor oral surgical procedure and in vitro platelet aggregation in patients on aspirin therapy: Are they coherent? *J Maxillofac Oral Surg* 2020.
6. Singh S, Singh S, Thangaswamy A, Thangaraju P, Varthya SB. Efficacy and safety of Risankizumab in moderate to severe psoriasis: A systematic review and meta-analysis. *Dematologic Therapy*. 2020.
7. Khasbage S, Shukla R, Sharma P, Singh S. A randomized control trial of duloxetine and gabapentin in painful diabetic neuropathy. *Journal of Diabetes*. 2020.
8. Khera D, Singh S, Purohit P, Sharma P, Singh K. Prevalence of Zinc Deficiency and the Effect of Zinc Supplementation on the Prevention of Acute Respiratory Infections. *Turkish Thoracic Journal*. 2020; 21: 371-76.
9. Chugh A, Patnana AK, Kumar P, Chugh VK, Khera D, Singh S. Critical analysis of methodological quality of systematic reviews and meta-analysis of antibiotics in third molar surgeries using AMSTAR 2. *J Oral Biol Craniofac Res* 2020;10:441–449.
10. Chugh VK, Patnana AK, Chugh A, Kumar P, Wadhwa P, Singh S. Clinical differences of hand and rotary instrumentations during biomechanical preparation in primary teeth - A systematic review and Meta-analysis [published online ahead of print, 2020 Aug 20]. *Int J Paediatr Dent*. 2020;10.1111/ipd.12720.
11. Thangaraju P, Varthya SB, Venkatesan S, Tamilselvan T, Singh S. Efficacy and safety of sufentanil sublingual tablet system in postoperative pain management: a systematic review and meta-analysis *BMJ Supportive & Palliative Care* 2021;0:1–10.
12. Debbarma R, Khera D, Singh S, Toteja N, Choudhary B, Singh K. Nebulized Magnesium Sulphate in Bronchiolitis: A Randomized Controlled Trial. *Indian Journal of Pediatrics*.
13. Goyal M, Dawood AS, Elbohoty SB, Abbas AM, Singh P, Melanae N, Singh S. Cesarean myomectomy in the last ten years; A true shift from contraindication to indication: A systematic review and meta-analysis. *European Journal of Obstetrics & Gynecology and Reproductive Biology*. 2021. 256; 145-47.
14. Patnana AK, Chugh A, Chugh VK, Kumar P, Vanga NRV, Singh S. The prevalence of traumatic dental injuries in primary teeth: A systematic review and meta-analysis. *Dental Traumatology*. 2020.
15. Goyal S, Sharma A, Goswami D, Kothari N, Goyal A, Vyas V et al. Clonidine and Morphine as Adjuvants for Caudal Anaesthesia in Children: A Systematic Review and Meta-Analysis of Randomised Controlled Trials. *Turk J Anaesthesiol Reanim*. 2020.
16. Syal R, Parvez M, Kothari N, Abbas H, Kumar R, Singh S, et al. Comparison of conventional technique versus modified tube first technique of awake nasotracheal fiber-optic intubation: A randomized control open-label trial. *Anesth Essays Res* 2020;14:395-400.
17. Singh S, Kaur R. Letter to the editor - serious asthma events with fluticasone plus salmeterol versus fluticasone alone. *Journal of respiratory diseases and medicine*. 2020.
18. Singh S, Khera D, Chugh A. BCG Vaccination Protection Against COVID-19: Correspondence. *Indian Journal of Pediatrics*.
19. Jahan D, Peile E, Sheikh MA, Islam S, Parasnath S, Sharma P, Iskandar K, Dhingra S, Charan J, Hardcastle TC, Samad N. Is it time to reconsider prophylactic antimicrobial use for hematopoietic stem cell transplantation? a narrative review of antimicrobials in stem cell transplantation. *Expert review of anti-infective therapy*. 2021 Apr 12:1-22.
20. Dharmalingam K, Birdi A, Tomo S, Sreenivasulu K, Charan J, Yadav D, Purohit P, Sharma P. Trace elements as immunoregulators in SARS-CoV-2 and other viral infections. *Indian Journal of Clinical Biochemistry*. 2021 Feb 12:1-1.
21. WHO Solidarity Trial Consortium. Repurposed Antiviral Drugs for Covid-19 - Interim WHO Solidarity Trial Results. *N Engl J Med* 2020 Dec 2;NEJMoa2023184.

22. Yadav D, Birdi A, Tomo S, Charan J, Bhardwaj P, Sharma P. Association of Vitamin D Status with COVID-19 Infection and Mortality in the Asia Pacific region: A Cross-Sectional Study. *Ind J ClinBiochem* (2021).
23. Roth GA, Mensah GA, Johnson CO, Addolorato G, Ammirati E, Baddour LM, et al. GBD-NHLBI-JACC Global Burden of Cardiovascular Diseases Writing Group. Global Burden of Cardiovascular Diseases and Risk Factors, 1990-2019: Update From the GBD 2019 Study. *J Am CollCardiol*. 2020 Dec 22;76(25):2982-3021.
24. Local Burden of Disease HIV Collaborators. Mapping subnational HIV mortality in six Latin American countries with incomplete vital registration systems. *BMC Med* 19, 4 (2021).
25. Charan J, Saxena D, Chaudhri M, Dutta S, Kaur RJ, Bhardwaj P. Opinion of Primary care physicians regarding prescription of generic drugs: A Cross-sectional study. *Journal of Family Medicine and Primary Care* 2020;10:1390-8.
26. Ram Niwas, AneesaShahul S, M K Garg, Vijayalakshmi Nag, Pradeep Kumar Bhatia, Naveen Dutt, et al. Clinical outcome, viral response and safety profile of chloroquine in COVID-19 patients — initial experience. *Adv Respir Med* 2020;88:515-519.
27. Charan J, Kaur RJ, Bhardwaj P, Haque M, Sharma P, Misra S, Godman B. Rapid review of suspected adverse drug events due to remdesivir in the WHO database; findings and implications. Expert review of clinical pharmacology. 2021 Jan 2;14(1):95-103.
28. GBD 2019 Universal Health Coverage Collaborators. Measuring universal health coverage based on an index of effective coverage of health services in 204 countries and territories, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019. *The Lancet*. 2020;396(10258):1250-1284.
29. GBD 2019 Disease and Injuries Collaborators. Global burden of 369 diseases and injuries in 204 countries and territories, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019. *The Lancet*. 2020; 396(10258):1204-1222.
30. GBD 2019 Risk Factors Collaborators. Global burden of 87 risk factors in 204 countries and territories, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019. *The Lancet*. 2020;396(10258):1223-1249.
31. GBD 2019 Demographic Collaborators. Global age-sex-specific fertility, mortality, healthy life expectancy (HALE), and population estimates in 204 countries and territories, 1950–2019: a comprehensive demographic analysis for the Global Burden of Disease Study 2019. *The Lancet*. 2020;396(10258):1160-1203.
32. LBD Double Burden of Nutrition Collaborators. Mapping local patterns of childhood overweight and wasting in low- and middle-income countries between 2000 and 2017. *Nature Medicine*. 2020;26(5):750-759.
33. Dutta S, Kaur RJ, Bhardwaj P, Charan J, Bist SKS, Detha MD, Kanchan T, Sharma P, Misra S. Household Transmission of COVID-19: A Cross-Sectional Study. *Infect Drug Resist*. 2020;13:4637-4642 DOI:<https://doi.org/10.2147/IDR.S285446>
34. Kaur RJ, Charan J, Dutta S, Sharma P, Bhardwaj P, Sharma P, Lugova H, Krishnapillai A, Islam S, Haque M, Misra S. Favipiravir Use in COVID-19: Analysis of Suspected Adverse Drug Events Reported in the WHO Database. *Infect Drug Resist*. 2020;13:4427-4438.
35. Dutta S, Kaur R, Haque M, Bhardwaj P, Saxena D, Rahman NAA, Lugova H, Jahan D, Islam S, Chowdhury TS, Charan J. Terminated Interventional Trials in the Clinical Trial Registry of India Database: An Analysis to Evaluate the Reasons for Termination. *Open Access Journal of Clinical Trials*. 2020;12:61-70.
36. MainulHaque, Salequl Islam, MdArif Sheikh, Sameer Dhingra, Peace Uwambaye, Francesco Maria Labricciosa, Katia Iskandar, JaykaranCharan,Alaeddin Bashir Abukabda& Dilshad

- Jahan (2021) Quorum sensing: a new prospect for the management of antimicrobial-resistant infectious diseases, *Expert Review of Anti-infective Therapy*, 19:5, 571-586.
37. Patel, K., Yasobant, S., Charan, J., Chaudhari, M., Gaidhane, A., & Saxena, D. (2020). Acceptability and Perceptions of Generic Drugs among Patients, Pharmacists, and Physicians. *Journal of Pharmaceutical Research International*, 2020;32(33):40-47.
 38. Charan J, Bhardwaj P, Dutta S, Kaur R, Bist SK, Detha MD, Kanchan T, Yadav D, Mitra P, Sharma P. Use of complementary and alternative medicine (CAM) and home remedies by COVID-19 patients: a telephonic survey. *Indian Journal of Clinical Biochemistry*. 2021 Jan;36(1):108-11.
 39. Haque M, Kumar S, Charan J, Bhatt R, Islam S, Dutta S, et al. Utilisation, availability and price changes of medicines and protection equipment for COVID-19 in India: findings and implications *Front. Pharmacol.*, 14 January 2021
 40. Godman B, Haque M, Islam S, Iqbal S, Urmi U, Kamal J, et al. Rapid assessment of price instability and paucity of medicines and protection for COVID-19 across Asia: findings and public health implications for the future. *Front. Public Health* 2020
 41. Rahman S, Singh K, Dhingra S, Charan J, Sharma P, Islam S, Jahan D, Iskandar K, Samad N, Haque M. The Double Burden of the COVID-19 Pandemic and Polypharmacy on Geriatric Population – Public Health Implications. *TherClin Risk Manag*. 2020;16:1007-1022.
 42. Charan J, Saxena D, Chaudhri M, Dutta S, Kaur R, Bhardwaj P. Opinion of patients seeking primary care, regarding prescription of generic drugs: A Cross-sectional study. *Journal of Family Medicine and Primary Care* 2020;9:5725-5730.
 43. Haque M, McKimm J, Sartelli M, Dhingra S, Labricciosa FM, Islam S, Jahan D, Nusrat T, Chowdhury TS, Coccolini F, Iskandar K, Catena F, Charan J. Strategies to Prevent Healthcare-Associated Infections: A Narrative Overview. *Risk ManagHealthc Policy*. 2020;13:1765-1780
 44. Ladha N, Bhardwaj P, Charan J, Mitra P, Goyal JP, Sharma P, et al. Association of Environmental Parameters with COVID-19 in Delhi, India. *Ind J ClinBiochem*35, 497–501 (2020).
 45. Charan J, Kaur R, Bhardwaj P, Kanchan T, Yadav D, Mitra P, et al. Snapshot of COVID-19 Related Clinical Trials in India. *Ind J ClinBiochem* 35, 418–422 (2020).
 46. Varthya SB, Sarma P, Bhatia A, Shekhar N, Prajapat M, Kaur H, Thangaraju P, Kumar S, Singh R, Siingh A, Prakash A. Efficacy of green tea, its polyphenols and nanoformulation in experimental colitis and the role of non-canonical and canonical nuclear factor kappa beta (NF- κ B) pathway: a preclinical in-vivo and in-silico exploratory study. *Journal of Biomolecular Structure & Dynamics*. 2020 Jul 16:1-3.
 47. Thangaraju P, Venkatesan S, Gurunthalingam M, Varthya SB*. Rationale use of Thalidomide in erythema nodosumleprosum-A non-systematic critical analysis of published case reports. *Revista da Sociedade Brasileira de Medicina Tropical*. 2020;53.
 48. Dutta S, Ambwani S, Lal H, Ram K, Mishra G, Kumar T, Varthya SB. The Satisfaction Level of Undergraduate Medical and Nursing Students Regarding Distant Preclinical and Clinical Teaching Amidst COVID-19 Across India. *Advances in Medical Education and Practice*. 2021;12:113.
 49. Thangaraju P, Varthya SB, Venkatesan S. Target/therapies for chronic recurrent erythema nodosumleprosum. *Indian Journal of Pharmacology*. 2020 May;52(3):222.
 50. Thangaraju P, Gurunthalingam MP, Varthya SB, Venkatesan S, Thangaraju E. COVID-19: Older drugs for a novel disease—Chloroquine, hydroxychloroquine, and possible Pentoxifylline—set to start the second innings? *J Family Med Prim Care* 2020;9:2172-5.
 51. Mahalmani, V., Pugazhenthan, T., Mittal, N., Varthya, S. B., & Medhi, B. (2020). Regulatory approval for COVID-19 across the globe. *Indian journal of pharmacology*, 52(6), 457–466.

Non Pubmed Indexed:

1. Sharma RP, Dutta S, Kumar T, Singh S, Sharma A. Role of Alcohol based Handrub (ABHR) in the COVID-19 era: A concise review. *Int Journal of Pharmaceutical Science Review and Research*. 2020; 64(1): 179-82.
2. Patel, K., Yasobant, S., Charan, J., Chaudhari, M., Gaidhane, A., & Saxena, D. (2020). Acceptability and Perceptions of Generic Drugs among Patients, Pharmacists, and Physicians. *Journal of Pharmaceutical Research International*, 2020;32(33):40-47. <https://doi.org/10.9734/jpri/2020/v32i3330948>
3. Varthya SB, Thangaraju P, Venkatesan S, Vijayakumar AR, Thangaraju E. A Nonsystematic Review on Risankizumab: a Novel Drug Recently Approved for Moderate to Severe Psoriasis. *SN Comprehensive Clinical Medicine*. 2020 Jun 25:1-7.
4. Venkatesan N, Thangaraju P, Varthya SB, Gurunthalingam MP, Venkatesan S, Thangaraju E. Learning pharmacology of Monoclonal Antibodies through Metaphors- Need of the hour. *Drug Bulletin* 2020; 45: 65-73.
5. Venkatesan N, Thangaraju P, Varthya SB, Gurunthalingam MP, Venkatesan S, Thangaraju E. A tale of anti-arrhythmic drugs: A Metaphoric construct of learning pharmacology for medical students. *Drug Bulletin* 2020; 45: 73-80.
6. Mathur S. L., Agrawal Harish, Hakim Afzal, Jain Arvind, Kishoria Naveen, Kaur R et. al. Epidemiological characteristics of COVID-19 patients of tertiary care hospital of Western Rajasthan. *Int J Community Med Public Health*. 2020 Nov;7(11):4473-4477.
7. Naveen Kishoria, S.L Mathur, Parmar, Rimple Jeet Kaur. Ivermectin as adjuvant to hydroxychloroquine in patients resistant to standard treatment for sars-cov-2: results of an open-label randomized clinical study. *Ind. J of Research*, 9:8, Aug, 2020.

Name of Faculty: Dr. Sneha R Ambwani

Designation: Professor and Head

Sessions Chaired:

1. Chaired a session in National Conference IPCON 2021 Indian Pharmacologist & Consultant on at GMC Gujarat, 24th -25th February 2021
2. Session chair on "Phytomedicine" in the National Conference on Traditional Medicine, 19-20th March 2021 under Centre of Excellence for Tribal Health in collaboration with Dept. of Pharmacology, AIIMS Jodhpur.

Invited Lectures/ Resource Faculty:

1. International webinar on "Coloring last days of life with tender, love and care" Organized by Palliative Care Society of Bangladesh on 10th October 2020
2. Webinar on "Drugs for Covid-19: Sharing Perspectives" Organized by Operant Pharmacy Federation, India. May 2020
3. Workshop on protocol design and introduction to evidence based medicine for PGs (MD/MS/DM/Mch) and Ph.D.
4. Orientation Program for interns at AIIMS, Jodhpur

Research Project:**As Principal Investigator:**

1. The satisfaction level of undergraduate medical and nursing students regarding online classes across India: A questionnaire-based study. (Completed)

2. A Retrospective Analysis of Reported Adverse Drug Reactions Various Department during year 2014-2020 in AIIMS Jodhpur. (Ongoing)

As Co-Investigator:

1. Chronic Comorbidities and COVID-19: A cross-sectional study to assess the pattern and outcome in COVID Patients with Chronic comorbidities.
2. "Efficacy of Sulphonylureas in patients with polymorphism in KCNJ11-ABCC8 genetic locus: A prospective cohort study in T2DM patients in western Rajasthan". Extramural-ICMR
3. Initiating Antimicrobial Stewardship activities in hospitals in India(ICMR)
4. Knowledge, Attitude, Practice regarding COVID-19 and associated Anxiety and Wellbeing among healthcare professionals in India: A questionnaire-based study. (Non -funded)
5. A Survey on burden of COVID-19 in Pharmacists and analysis of prescription and sales of various medications used in COVID-19
6. Knowledge, Attitude and Practice of healthcare professionals and undergraduate students regarding antimicrobial resistance across India: A questionnaire-based study
7. An analysis of acute and long term adverse events following immunization associated with COVID-19 vaccination in healthcare workers in a tertiary care hospital of western Rajasthan

Examinership: of various Undergraduate/Post graduate/Thesis checking: King George's Medical University, Lucknow(UP): MD Pharmacology Thesis checking : April 2020

1. AIIMS, Patna UG examiner Feb 2021
2. AIIMS, Rishikesh: Dec 2020
3. AIIMS, Nagpur: Dec 2020
4. Rajasthan University of Health Sciences: Dr. SNMC, Jodhpur Oct.2020

Membership/Post in Journal or Society or Association:

Reviewer of the following Journals-

1. Metabolic Syndrome & Related Disorders.
2. International Journal of Applied & Basic Medical Research.
3. Journal of Indian Academy of Geriatrics

National/ International Conferences attended:

1. National Conference IPCON 2021 Indian Pharmacologist & Consultant on at GMC Gujarat, 24th -25th February 2021.

Others:

1. Appointed as subject expert for MCQs item writing workshop organized by NBE: 7th March 2021 New Delhi
2. Attended meetings to review of National formulary of India (NFI): Multiple online meetings held from July-September 2020.
3. Appointed as a Subject Expert for Selection of Faculty at AIIMS, Jodhpur (Rajasthan)
4. Appointed as a subject expert by Rajasthan Public Service Commission (RPSC) for the post of Senior Residents
5. Appointed as a Subject Expert for Selection of SR AIIMS, Bhubaneswar
6. Appointed as Expert to develop animal House at IIT Jodhpur

Name of Faculty: Dr. Surjit Singh
Designation: Additional Professor

Resource Faculty:

1. Scientific Committee member for “National Conference on “TRADITIONAL MEDICINE - CHALLENGES & OPPORTUNITIES” VIRTUAL/ONLINE CONFERENCE”, from 19-20th March, 2021, organized by Centre of Excellence – A collaborating centre for indigenous Health, Ministry of Tribal Affairs, GOI, at AIIMS Jodhpur.
2. AHA Certified BLS ACLS Instructor Course conducted at AIIMS Jodhpur, on 26th March, 2021.

Research Project:

Ongoing:

As Principal Investigator:

1. A cross sectional survey of knowledge, attitude and practice of clinical research principles among doctors in tertiary care hospital
2. Knowledge, Attitude, and the Practice (KAP) of Pharmacovigilance among the healthcare professionals in a tertiary care hospital in Rajasthan, India.
3. Cochrane review in collaboration with West China Second University Hospital, Sichuan University on “Cochrane Systematic Review: Evening versus morning dosing regimen drug therapy for hypertension”.

Completed:

As Principal Investigator

1. A cross sectional survey of knowledge, attitude and practice of clinical research principles among doctors in tertiary care hospital
2. Knowledge, Attitude, and the Practice (KAP) of Pharmacovigilance among the healthcare professionals in a tertiary care hospital in Rajasthan, India.

Examinership

1. Internal Examiner for the conduct of Final M.D. Pharmacology Examination at AIIMS Jodhpur, in June 2020.
2. Internal Examiner for the conduct of Final M.D. Pharmacology Examination at AIIMS Jodhpur, in December 2020.
3. External Examiner for the conduct of Final M.B.B.S Examination (Pharmacology) at Sardar Patel Medical College, Bikaner, on 19th November 2020, conducted by Rajasthan University
4. External Examiner for the conduct of Final Master of Science (M.Sc) Pharmacology Examination at Sardar Patel Medical College, Bikaner, on 20th November 2020, conducted by Rajasthan University
5. Thesis evaluation for Master of Science (M.Sc) Pharmacology student at Sardar Patel Medical College, Bikaner, on 20th November 2020, conducted by Rajasthan University
6. External Examiner for the conduct of Final M.B.B.S Examination (Pharmacology) at AIIMS, Mangalagiri from 15th to 18th February 2020.

National/ International Conferences attended:

1. “12th Indian Society for Rational Pharmacotherapeutics (ISRPT) Conference” organized by Post Graduate Institute of Medical Education and Research, Chandigarh, India, from 12-13th February, 2021.

Name of Faculty: Dr. Pradeep Dwivedi
Designation: Associate Professor

Books/Chapters-

1. K Singh, SG Dixit, P Dwivedi, S Srivastav, A Dixit, A Bhardwaj, M Swami and S Misra. Medical education during the COVID-19 pandemic. *Chemistry World*. [RSC Books, Preprint].

Papers Presented

1. E-poster: P. Dwivedi, S. Yadav, S. Hussain, K. Pant, K. Usman, S. Khattri; Effect of add on sitagliptin compared to metformin monotherapy on lipid and adipokine level in north Indian patients with type 2 diabetes mellitus-A 12 week randomized controlled trial. 88th European Atherosclerosis Society (EAS) Congress, 4-7th Oct 2020. Geneva, Switzerland.
2. Singh K, Dwivedi R, Dwivedi P. MITTRA (Managing Illness using Telemedicine for Tribal in Remote Areas) - Telemedicine HYBRID MODEL in National Webinar on "Changing Contours of Indigenous Knowledge Among Tribal Communities of India", organized by Tribal Research Institute, Odisha on 24th – 26th March 2021.

Sessions Chaired

1. Session chair for Medicinal Biomolecules, International Virtual Conference on Multidisciplinary Approach for Tribal Sustainable Development 28-30th Jan 2021 organized by Indian Institute of Public Administration, New Delhi.

Symposium Speaker

1. "Good Clinical Practices for Ayurveda, Siddha Unani drugs" in the National Conference on Traditional Medicine, 19-20th March 2021 under Centre of Excellence for Tribal Health in collaboration with Dept. of Pharmacology, AIIMS Jodhpur.

Research Project:

Ongoing:

As Principal Investigator

1. Satellite Centre for Tribal Health and Research. Ministry of Tribal Affairs, Govt. of India, Extramural

As Co-Investigator

1. "Research on Indigenous population of district Sirohi (Raj.)- A collaborative project of AIIMS Jodhpur & Ministry of Tribal Affairs, Govt. of India". Ministry of Tribal Affairs, Extramural
2. "Efficacy of Sulphonylureas in patients with polymorphism in KCNJ11-ABCC8 genetic locus: A prospective cohort study in T2DM patients in western Rajasthan". ICMR, Extramural
3. Medical Education during COVID-19 pandemic: AIIMS Jodhpur Experience. (Non-Funded)
4. Improving Quality of Medical Education through evaluation of multiple thematic opportunities in instructional methods and Assessment created during COVID-19 Pandemic. (Non-Funded)
5. Online microteaching: comparison of two methods for faculty teaching skills during COVID 19 and post COVID 19. (Non-Funded)
6. Study of knowledge attitude practice about COVID-19 among tribal healers in district Sirohi. (Non-Funded)

7. Chronic comorbidities and COVID-19: A cross-sectional study to assess the Drug Utilisation Pattern and the outcome in COVID Patients with Chronic Comorbidities. (Non-Funded)
8. Need Assessment regarding telemedicine among Indigenous population of District Sirahi. (Non-Funded)

Completed:

As Principal Investigator:

1. Correlation of circulating endothelial progenitor cell with endothelial function in cases with metabolic syndrome. Intramural, AIIMS Jodhpur

National/ International Conferences attended

1. 40th Annual Conference of Society of Toxicology (STOX), India & International Webinar on "Pharmacology and Toxicology" jointly organized by Postgraduate Institute of Medical Education & Research, Chandigarh & SreeChitra Tirunal Institute for Medical Sciences and Technology, Trivandrum on 29th-30th January, 2021. (Online).
2. 4th National and first virtual workshop on "Pharmacogenomics-2021" organized by PGIMER Chandigarh on 5th-6th Feb, 2021. (Online).
3. 16th International Conference TELEMEDICON-2020 by Telemedicine Society of India, 18-20th Dec 2020. (Online).

Others

1. Organizing Secretary, National Conference on Traditional Medicine-Challenges & Opportunities, under Centre of Excellence for Tribal Health in collaboration with Dept. of Pharmacology, AIIMS Jodhpur on 19-20th March 2021.
2. Member, List of Influencer for Press Information Bureau (PIB) by the Ministry of Tribal Affairs of its key partnered organization.
3. National Member, among a team of eleven members, Core Evaluation Committee for National Tribal Mentor Pool (NTMP), set up by the Ministry of Tribal Affairs, Gol.
4. Mentor, "Going Online As Leaders" (GOAL) program of the Ministry of Tribal Affairs & Facebook India.

Name of Faculty: Dr. Jaykaran Charan

Designation: Associate Professor

Resource Faculty:

1. How to choose statistical tests? – 4th Annual Conference of Bhavnagar Medical Association, Bhavnagar, Gujarat. 14th to 18th December 2020, Bhavnagar, India

Research Project:

Ongoing:

As Co-Investigator:

1. An International Multicentre, Adaptive, Randomized Double Blind, Placebo-Controlled Trial of the safety, Tolerability and Efficacy of Anti-Coronavirus Hyperimmune Intravenous Immunoglobulin for the treatment of adult hospitalized patients at onset of clinical progression of COVID-19. National Institute of Health (USA), Multicentric.

2. A Phase III, randomized, multi-centre, double blind, placebo controlled, study to evaluate efficacy, safety and immunogenicity of Novel Corona Virus- 2019-nCov vaccine candidate of M/s Cadila Healthcare Limited. Multicentric.
3. A randomized, double blind, placebo controlled, multicentric, trial to determine the therapeutic efficacy of Ayush medicine NOQ19 in treatment of symptomatic COVID-19 patients along with standard allopathic treatment. SrivedaSattva Private Limited and Sri Sri Institute of Advance Research. Multicentric.
4. WHF COVID 19 and cardiovascular disease survey. World Heart Foundation. Multicentric.

Completed:

As Co-Investigator:

1. Evaluation of Efficacy and Safety of Ayurveda Intervention (Ayush - 64) add on therapy for patients with COVID-19 infection (Stage-1) – An Open labelled, Parallel Group, Randomized Controlled Clinical Trial. National Institute of Ayurveda.
2. Solidary Trial. World Health Organization.

Examinership

1. MBBS, S. N. Medical College, Jodhpur.

Name of the Faculty: Dr. Shoban Babu Varthya

Designation: Assistant Professor

Sessions Chaired:

1. Chaired the session related to Industry Prospective towards Traditional Medicines in “Traditional Medicine - Challenges & Opportunities” Virtual/Online Conference. Organized by Department of Pharmacology and Centre of Excellence, AIIMS Jodhpur from 19-20th March 2021, at AIIMS Jodhpur.

Resource Faculty:

1. Scientific committee coordinator for National Conference on “Traditional Medicine - Challenges & Opportunities” Virtual/Online Conference. Organized by Department of Pharmacology and Centre of Excellence, AIIMS Jodhpur from 19-20th March 2021, at AIIMS Jodhpur.

Research Project:

Ongoing:

As Principal Investigator :

1. “Efficacy of Sulphonylureas in patients with polymorphism in KCNJ11-ABCC8 genetic locus: A prospective cohort study in T2DM patients in western Rajasthan”. Extramural (~29 Lakhs)-ICMR
2. Chronic Comorbidities and COVID-19: A cross-sectional study to assess the pattern and outcome in COVID Patients with Chronic comorbidities. (Non -funded)

Completed:

As Co-Investigator:

1. The satisfaction level of undergraduate medical and nursing students regarding online classes across India: A questionnaire-based study.

National/ International Workshop or Conferences attended:

Workshop attended:

1. Workshop on “Science Leadership Workshop”. Organized by Central University Bathinda Punjab in collaboration with IASe Bangalore, INSA New Delhi, NASI, Allahabad, INYAS New Delhi from 22-28 June 2020 (Online).
2. Workshop on Statistics in Health Research on the occasion of National Statistics Day. Organized by the SPH AIIMS Jodhpur, on 29 June 2020.(Online).
3. Workshop on Application of Biostatistics in Epidemiology and Public Health. Organized by Department of Epidemiology and Department of Statistics & Demography The National Institute of Health and Family Welfare (NIHFW). 14-18th December 2020 (4 Days)(Online).

Conferences attended:

1. International Symposium on Novel ideas in Science and Ethics of Vaccines against Covid-19 pandemic, organized by ICMR and London School of Hygiene and Tropical Medicine (LSHTM), UK in partnership with National Institute of Health (NIH), USA and Global Health Security Network (GHSN), Australia & Canada. 30th July 2020 (Online).
2. COVID 19. Indian Journal of Pharmacology with Indian Pharmacological Society. 22nd August 2020 (Online).
3. National Conference on “Traditional Medicine - Challenges & Opportunities” Virtual/Online Conference. Organized by Department of Pharmacology and Centre of Excellence, AIIMS Jodhpur from 19-20th March 2021, at AIIMS Jodhpur.

Membership/Post in Journal or Society or Association:

1. Member; Indian Pharmacological Society.

Additional Information:

1. Member of “Committee for Tribal Health and Research” (CTHR)
2. Member of “Satellite center for Tribal Health and Research” (STHR)

Name of Faculty: Dr. Rimple Jeet Kaur

Designation: Assitant Professor

Sessions Chaired:

1. Chaired a session for “National Conference on “Traditional Medicine - Challenges & Opportunities” Virtual/Online Conference”, from 19-20th March, 2021, organized by Centre of Excellence – A collaborating center for indigenous Health, Ministry of Tribal Affairs, GOI, at AIIMS Jodhpur

Resource Faculty:

1. Resource faculty in Good Clinical Practice Training for members of Institutional Ethics Committee, Dr. S.N. Medical College, jodhpur Rajasthan January 2020.

Research Project:

Ongoing:

As Principal Investigator:

1. Neurological Adverse Events Reported from COVID-19 Vaccines: A Study Based on WHO Database

2. Musculoskeletal system Adverse Events Reported from COVID-19 Vaccines: A Study Based on WHO Database.
3. Hydroxychloroquine Use in COVID-19: Analysis of Suspected Cardiovascular Adverse Drug Events Reported in the VigiBase

As Co-Investigator

1. Current utilisation patterns for long-acting insulin analogues including biosimilars among selected Asian countries and the implications for the future
2. Cardiovascular Adverse Events Reported from COVID-19 Vaccines: A Study Based on WHO Database
3. Tocilizumab in COVID-19: a study of adverse drug events reported in the WHO database.
4. Impact of Oral Cannabis consumption on Health: A Cross-sectional Study

Completed:

As Principal Investigator

1. Adverse Events Reported From COVID-19 Vaccine Trials: A Systematic Review.
2. Favipiravir Use in COVID-19: Analysis of Suspected Adverse Drug Events Reported in the WHO Database.
3. Relationship between clinical trials and disease burden of India: A cross-sectional study.

As Co-Investigator

1. Serious adverse events reported from the COVID-19 vaccines: A descriptive study based on WHO database.
2. Opinion of primary care physicians regarding prescription of generic drugs: A Cross-sectional study
3. Use of Complementary and Alternative Medicine (CAM) and home remedies by COVID-19 patients: A telephonic survey.
4. Household Transmission of COVID-19: A Cross-Sectional Study.
5. Snapshot of COVID-19 related clinical trials in India
6. Terminated Interventional Trials in the Clinical Trial Registry of India Database: An Analysis to Evaluate the Reasons for Termination.
7. Rapid review of suspected adverse drug events due to remdesivir in the WHO database; findings and implications.
8. Opinion of patients seeking primary care regarding prescription of generic drugs: A cross-sectional study.
9. Use of Complementary and Alternative Medicine (CAM) and Home Remedies by COVID-19 Patients: A Telephonic Survey.
10. Epidemiological characteristics of COVID-19 patients of tertiary care hospital of Western Rajasthan.
11. Ivermectin as adjuvant to hydroxychloroquine in patients resistant to standard treatment for sars-cov-2: results of an open-label randomized clinical study.

Membership/Post in Journal or Society or Association

1. Managing Editor, Journal of Indian Academy of Geriatrics

Workshops/ Conferences Organized by the Department of Pharmacology:

The Department of Pharmacology, AIIMS Jodhpur in collaboration with Centre of Excellence (COE) for Tribal Health, AIIMS Jodhpur, (A Collaborating Centre for Indigenous Health, Ministry of Tribal Affairs,

Gol) conducted a virtual NATIONAL CONFERENCE ON “TRADITIONAL MEDICINE - CHALLENGES & OPPORTUNITIES” on 19th -20th March 2021.

This conference was attended by more than 150 participants from various disciplines and more than 40 scientific abstracts (posters) were submitted in the conference. Eminent persons including Dr. Y. K. Gupta, President AIIMS Bhopal & Jammu, Dr. Abhimanyu Kumar, Vice-Chancellor (Dr. SarvpalliRadhakrishnanAyurved University), Dr. K S Dhiman, Director General (Central Council for Research in Ayurvedic Sciences, Ministry of AYUSH) inaugurated and chaired sessions for the conference.



Inauguration of the National Conference by Prof. Sanjeev Misra Director AIIMS Jodhpur



Prof. Sanjeev Misra Director & CEO AIIMS Jodhpur delivering welcome speech



Prof. Y K Gupta President AIIMS (Bhopal & Jammu) addressing the audience



Prof. MK Garg Prof. Kuldeep Singh & Prof. Sneha Ambwani during Inauguration

Department of Physical Medicine and Rehabilitation

S.No.	Name	Designation
1.	Dr. Ravi Gaur	Associate Professor
2.	Dr. Nitesh Manohar Gonnade	Associate Professor
3.	Dr. Arun Kumar Choudhary	Assistant Professor

About The Department

The Department of Physical Medicine and Rehabilitation at AIIMS Jodhpur has grown and shown steady progress in all aspects including patient care, training and research.

Physical Medicine and Rehabilitation department has started Post Covid Rehabilitation clinic for care of Post Covid-19 patients. Also department conduct Prosthetic and Orthotic check out clinic on every Wednesday. The department has seen a total of 4,854 new and 1,338 follow-up patients in the OPD and admitted 23 patients in the IPD this year. We conducted around 3400 physiotherapy sessions, 1035 occupational therapy sessions, 167 nerve conduction studies, 175 prosthetist and orthotist appliance fittings and 98 interventional pain management procedures in 2020-21.

Name of faculty: Dr. Ravi Gaur
Designation: Associate Professor

Books/Chapters

- Gaur R, Verma A K, Gaur N: COVID-19: the clinical Management, 2021, Lexicon international, India: COVID-19: 29, "Rehabilitation aspects of COVID patients". ISBN: 978-81-949147-0-9
- Gaur R, Verma A K, Gaur N: COVID-19: the clinical Management, 2021, Lexicon international, India: COVID-19: 14, "Pulmonary management of critically ill patients". ISBN:978-81-949147-0-9

Invited Lectures

- Lecture in session titled "current concepts in management of back pain with hyperlaxity" at AIIMS, Patna during Mid-term PMR conference with theme "Rehabilitation Redefined" from 21/10/2020 to 01/11/20220 as Faculty Speaker (Online).

Research Project:

Ongoing:

As Principal Investigator

- Assessment of disability using WHO DAS 2.0 in early active corona virus infection: a cross sectional.
- Assessment of disability in corona virus patients.
- Repercussions of care giving on custodian in stroke.

Examinership

- Acted as an AIIMS observer / team leader to conduct NEET Pre PG entrance exam 2020 at Udaipur center.
- Acted as a Moderator in paper setting for Phsiotherapy posts at Rajasthan Public Service Commission (RPSC), Ajmer.

3. Appointed as External Expert examiner by Rajasthan University of Health Sciences (RUHS), Jaipur for Clinical Rehabilitation exam of Bachelor in Physiotherapy (BPT) courses.
4. Appointed as Chief Invigilator in various MBBS / MD exams in AIIMS, Jodhpur.

Membership/Post in Journal or Society or Association

1. Indian Federation of Neurorehabilitation (IFNR).

National/ International Conferences attended:

1. Attended Mid term conference with theme "Rehabilitation Redefined" at AIIMS, Patna from 31/10/2020 to 01/11/2020(Online).

Name of faculty: Dr. Nitesh Manohar Gonnade

Designation: Assistant Professor

Research Project:

Completed:

As Principal Investigator

1. Correlation of Non-contrast chest CT scan severity score and disability in post Covid-19 patients- A Cross-sectional observational study.
2. Role of ultrasound in chronic coccydynia.
3. PRP vs Steroid in carpal tunnel systematic review with meta-analysis.
4. Role of Teleconsultation and Telerehabilitation in Cerebral Palsy Patients in Covid Era in India.

Examinership

1. Examiner As bachelor of physiotherapy final year in clinical rehabilitation at MGH Hospital, Jodhpur, Rajasthan.

Membership/Post in Journal or Society or Association

1. The International Association for the Study of Pain (IASP).
2. European Society of Physical & Rehabilitation Medicine (ESPRM).

National/ International Conferences attended:

1. Completed Online Stroke Rehabilitation Course by Indian Federation of Neurorehabilitation from 11th September to 2nd October 2020.
2. Completed online Spinal Pain Management 'State of the Art' Virtual Course Series by Gulf Pain School - December 2020.
3. Completed online course on introductory course on research methodology and biostatistics by ICMR August to September 2020.

Name of faculty: Dr. Arun Kumar Choudhary

Designation: Assistant Professor

Department of Physiology

S.No.	Name	Designation
1	Dr. Sabyasachi Sircar	Professor & Head
2	Late Dr. Rajesh Kumar Sharma	Professor (till 16 th May, 2020)
3	Dr. Abhinav Dixit	Professor
4	Dr. Bharati Mehta	Professor
5	Dr. Om Lata Bhagat	Additional Professor
6	Dr. Prasunpriya Nayak	Additional Professor
7	Dr. Shival Srivastav	Assistant Professor
8	Dr. Pooja Ojha	Assistant Professor
9	Dr. Archana Gaur T	Assistant Professor

About the Department

The Department of Physiology at AIIMS Jodhpur is a rapidly progressing department of the institute. It comprises 8 faculty members, 5 senior residents and 8 post graduate students (including M.D. and MSc). Besides teaching and training of undergraduate (MBBS and BSc Nursing) and postgraduate students, the department is actively involved in research and clinical investigations.

Undergraduate teaching is imparted through conventional didactic lectures as well as tutorials and small group discussions. Students are given exposure to clinically important case scenarios through horizontal and vertical integration with other departments. Coordination of theory lectures with the practicals in clinical and hematology laboratories provides a better understanding of the topic. Students regularly interact with their faculty mentors and are encouraged to develop an understanding of research through ICMR Short term studentship projects. Formative assessments are conducted in the form of mid semester and semester exams followed by the final summative professional exams. Medical education of undergraduates and postgraduates during pandemic COVID-19 has remained unhampered due to utilization of online teaching modality of Google Classroom.

Postgraduate teaching is imparted through seminars, practical presentations and group discussions. Besides they are working on current research areas including Intraoperative Neurophysiological monitoring. Post graduate students of our department have won prizes in poster sessions and essay competitions in the academic conferences.

Faculties of the department are involved in mentoring, teaching, administration and research. Their research projects have received grants from intramural and several extramural funding agencies like Indian Council of Medical Research and the Department of Science and Technology. They have published papers in reputed national and international journals and have been instrumental in developing COVID-19 related protection gears during aerosol generating procedures in operation theater. They participated in conferences and workshops as invited speakers and resource faculties. They are contributing as members and hold important positions in various national and international scientific bodies.

Besides teaching and research, the department of Physiology also caters to laboratory investigation services for the patients. There is a fully functional Autonomic Function Test Laboratory and a quality Lab for testing cognitive abilities and Evoked Potentials. The Department provides Intraoperative Neurophysiological monitoring (IONM) services to various surgical departments. In the past academic year, the department has witnessed an inflation in infrastructure from a wise and timely procurement of

latest equipment. A State-of-the-art animal research laboratory and an Electroencephalographic laboratory for teaching and research are fully functional in the department.

Amidst the gains there has been a great loss for the department last year in the form of untimely demise of Prof. Rajesh Sharma. He has been instrumental for the institute as well as the department since beginning. His contributions as a teacher, researcher and faculty have been vital for the department and will be always be remembered.

Compiled list of Publications of the department:

Papers

Pubmed Indexed:

1. Kalra S, Mutreja P, Goyal A, Dixit A. A Low cost solution for converting existing Stethoscope into Tele-Stethoscope in Resource Constrained Setting for Covid-19 pandemic. *J Fam Med Prim Care*; 2020;9:5435-6.
2. Singh K, Srivastav S, Bhardwaj A, Dixit A, Misra S. Medical education during the COVID-19 pandemic: A single institution experience. *Indian Pediatr* 2020;57(7):678-679.
3. Srivastav S, Dixit A. Pod-Mod or E-Cigarettes: Choosing the lesser Evil. *J Appl Physiol* 2020; 128: 1059-60
4. Mehta B, Kamble PH, Gadhvi M, Kaushal A. Correlation of self-reported sleep duration with working memory of adolescents. *J Family Med Prim Care* 2020 August; 9(8):4196-99
5. Malhotra V, Bharshankar R, Ravi N, Bhagat OL. Acute Effects on Heart Rate Variability during Slow Deep Breathing. *Mymensingh Med J*. 2021 Jan;30(1):208-213.
6. Gupta R, Nayyar AK, Bhagat OL. Stature Estimation based on Measurements of Inferior Extremity in different stature groups of Western Indian Population, *Mymensingh Med J* 2020 Oct; 29 (4): 969-976
7. Gupta R, Nayyar AK, Bhagat OL. Estimation of Stature from Measurements of Superior Extremity in Western India, *Mymensingh Med J* 2020 Jul; 29 (3):709-719
8. Kumar S, Chowdhury S, Razdan A, Kumari D, Purty RS, Ram H, Kumar P, Nayak P, Shukla SD. Downregulation of candidate gene expression and neuroprotection by piperine in streptozotocin-induced hyperglycemia and memory impairment in rat. *Front Pharmacol* 2020. .
9. Shukla R, Ganeshani M, Agarwal M, Jangir R, Kandel G, Sankanagoudar S, Srivastav S. Dehydroepiandrosterone sulphate (DHEAS) levels predict high risk of rheumatoid arthritis (RA) in subclinical hypothyroidism. *PLoS ONE*. 2021;16(2): e0246195.
10. Gadhvi M, Srivastav S, Ravichandran S, Sharma RK. Commentary on methodological aspect of "Cardiac autonomic modulation in response to stress in normotensive young adults with parental history of hypertension". *J Basic Clin Physiol Pharmacol*. 2020;32(3):283
11. Ravichandran S, Srivastav S, Haridas Kamble P, Shukla R, Sharma P, Sharma R. Effect of Vitamin D status on QTc interval in type 2 diabetes mellitus. *J Basic Clin Physiol Pharmacol*. 2020;32(3):163-167.
12. Ojha P. The Upsurge of Graphical Abstracts: A Neuroscience Perspective. *Neuroscience* 2021:218-219
13. Jayanthi R, Girijasivam SP, Gaur A. Association Of Blood Pressure and BMI With QTc Interval in Young Adults. *Can J Physiol Pharmacol* 2021 Jan 30.

Non-Pubmed Indexed:

1. Dixit A, Singh YR, Mitra P, Sharma P. Smoking Induced Alterations in Auditory Pathways: Evidence from Evoked Potentials. *Indian J Physiol Pharmacol* 2020; 64(2):118-22.
2. Bhagat OL. Slow deep breathing: Adjuvant physiological intervention to deal with COVID-19. *Jurnal Kedokteran dan Kesehatan Indonesia; JKKI* 2020. 11(3). Published online December 31, 2020.

3. Gadhvi M, Srivastav S, Sharma RK. Access to scientific literature: legitimate channels. Indian J Physiol Pharmacol. 2020;64(2);155-157.
4. Jayanthi R, Girijasivam SP, Nithyavikasini N, Gaur A. Prevalence of prehypertension in young adults in South India. Natl J Physiol Pharm Pharmacol 2020; 10 (11):961-965
5. Gaur A, Pal GK, Pal P. Ventromedial hypothalamus induced obesity on metabolic parameters. Annals of neurosciences.

Workshops/ Conferences Organized

1. Online webinar series. Organized by Department of Physiology, AIIMS, Jodhpur, 17th-23rd August 2020.

Name of Faculty: Dr. Sabyasachi Sircar

Designation: Professor & Head

Name of Faculty: Late Dr. Rajesh Kumar Sharma

Designation: Professor

(till 16.05.2020)

Name of Faculty: Dr. Abhinav Dixit

Designation: Professor

Book:

1. Dixit A, Srivastav S, Competencies in Practical Physiology, 1st edition, New Delhi, PeePee Publishers and Distributors (P) Ltd 2020

Papers Presented:

1. Baranwal A, Srivastav S, Mehta B, Jha DK, Dixit A. Intraoperative neuromonitoring using Brainstem Auditory Evoked Potentials (BAEP) in cerebellopontine angle tumours. Virtual Biennial South Asian Association of Physiologists- VII & PSI Conference , 23rd-25th March 2021

Invited Lectures

1. Ethics in Research and Publications, Basic Research Methodology and Thesis Writing in Physiology Webinar, 18th Aug 2020, AIIMS Jodhpur

Research Project:

Ongoing:

As Co-Investigator

1. "EEG Neurofeedback Training for Optimal Performance"- Collaborative project with Indian Institute of Technology (IIT), Jodhpur
2. Assessment of use of Protection box for tracheostomy during Covid-19 pandemic
3. Assessment of use of Protection box for intubation/extubation during Covid-19 pandemic
4. Medical Education during Covid-19 pandemic: AIIMS Jodhpur experience

Completed:

As Principal Investigator

1. Effect of a face masks on cognitive and cardiorespiratory parameters at rest and exercise

As Co-Investigator

1. Evaluation of an online webinar series on basic research methodology and thesis writing in Physiology

Scientific Awards/Patents

1. Fellow, Royal Society of Biology (FRSB), UK, 2020
2. Winner, Indo-Sweden Healthcare Innovation Challenge, 2020

Examinership

1. MD (Physiology), AIIMS Jodhpur, 18th-19th Dec 2020.
2. M.Sc (Physiology), AIIMS Jodhpur, 29th June 2020
3. MD (Physiology), Thesis evaluator, AIIMS Rishikesh

Membership/Post in Journal or Society or Association

1. Society Representative of The Physiological Society, UK
2. Member, The Physiological Society, UK
3. Member, American Physiological Society
4. Senior Editor, Indian Journal of Medical Specialities

National/ International Conferences attended:

1. 'E-networking: How to Build Online Professional Relationships' webinar by The Physiological Society, UK, 24th June 2020.
2. 'American Physiological Society's (APS) Institute of Teaching and Learning (ITL) Virtual Conference, 22nd-26th June 2020
3. 'What and How Do Students Learn Without Classroom Attendance: Lessons from Lockdown' webinar by The Physiological Society, UK, 2nd June 2020.
4. "ERP: A portal to cryptic human mind" conducted on by the Department of Physiology, SMS Medical College, Jaipur, 21st September 2020.

Name of Faculty: Dr. Bharati Mehta

Designation: Professor

Papers Presented:

1. Ankita A, Mehta B, Dutt N, Nayak P and Sharma P. Possible association of metabolic health with metabolic health in adult obese males. Award Session of 66th National Conference of Association of Physiologists and Pharmacologists of India (APPICON 2020) organized by Departments of Physiology and Pharmacology, ESIC Medical College & Hospital, Faridabad. 26th - 27th March 2021.
2. Ankita A, Mehta B, Dutt N, Nayak P and Sharma P. Association of sleep quality with metabolic health in adult obese male. 6th Annual & 1st Virtual International Conference of Basic and Applied Physiology

(ICONBAP 2020) organized by Department of Physiology, Sikkim Manipal Institute of Medical Sciences, Gangtok, 5th -7th October 2020

3. Sharma R, Mehta B, Pareek P, Ojha P, Quality of Sleep in Breast Cancer patients undergoing Chemotherapy. SAAPCON, March 2021

Resource Faculty:

1. Webinar series on basic research methodology and thesis writing in Physiology. 17th August 2020, AIIMS, Jodhpur (Online).
2. Qualitative study and Ethics, Evidence Based Medicine Workshop. 21st December 2020 AIIMS, Jodhpur

Research Project:

Ongoing:

As Principal Investigator

1. Prevalence of Metabolically Healthy Obese (MHO) and its association with Sleep Quality in Obese Adults of Jodhpur. Intramural Project funded by AIIMS, Jodhpur
2. Evaluation of a series of post-lecture online self-assessment tests on academic performance in medical undergraduates

As Co-Investigator

1. Impact of implementation of the healthy workforce model (Integration of Occupational Health Services in Primary Health Care) to improve preventive measures of Silicosis among workers exposed to silica sand in mines of rural Jodhpur. Intramural Project funded by AIIMS, Jodhpur

Completed:

As Principal Investigator

1. Evaluation of an online webinar series on basic research methodology and thesis writing in Physiology

Examinership

1. MBBS First Professional Examination. GMC Pali. 16th -18th March 2021
2. MD Physiology. Dr. SN Medical College, Jodhpur August 2020
3. M.Sc. (Medical), Dr. S. N. Medical College, 4th July 2020

National/ International Conferences attended:

1. Sixth annual and first virtual conference of Basic and Applied Physiology V-ICONBAP 2020. Organized by SMIMS, Gangtok, Sikkim. (Online).
2. APPICON 2020. Organized by ESIC Medical College, Faridabad, 19th to 21st February 2021

Name of Faculty: Dr. Om Lata Bhagat

Designation: Additional Professor

Sessions Chaired:

1. Future Physiology Poster Competition - Judge, Virtual Conference organized by The Physiological Society, 6th-10th July 2020

Invited Lectures

1. Research Designs: Types, Methods and Examples. Five Days Online Interdisciplinary Faculty Development Programme "on "Research Methodology " organized by Om Sterling Global University, Hisar, 22nd - 26th June 2020
2. Physiological effects and therapeutic potential of Slow deep breathing. BMS e-CON, organized by the Departments of Anatomy, Biochemistry, Physiology and Center for Biomedical Research, AVMCH, Puducherry, India, 17th – 19th September 2020.
3. Research Designs: Types, Methods and Examples. Seven Days Online Interdisciplinary Faculty Development Programmeon "Advances in Research Methodology and data analysis" organized by Ch. BansiLal University, Bhiwani, 14th - 20th May 2020

Resource Faculty:

1. Webinar Series 'Basic Research Methodology and Thesis Writing in Physiology' organized by Department of Physiology, AIIMS Jodhpur from 17th- 23rd August, 2020.

Research Project:

Ongoing:

As Principal Investigator

1. Development of animal model to simulate Valsalva maneuver (funded by AIIMS, Jodhpur)

Completed:

As Co-Investigator

1. Evaluation of an online webinar series on basic research methodology and thesis writing in Physiology

Examinership

1. MBBS Main Examination New Scheme. Govt. Medical College, 16th -18th March 2021.
2. First year B.Sc. (Hons.) Nursing Examination. AIIMS Jodhpur, December 2020
3. First Professional M.B.B.S. Supplementary Examination (Batch-2019). AIIMS Jodhpur, 3rd November 2020
4. First Professional M.B.B.S. Examination. AIIMS Jodhpur, 1st -3rd September 2020

National/ International Conferences attended:

1. Completed Practicum: Exercise Testing and Interpretation organized by Division of Respiratory and Critical Care Physiology and Medicine, Harbor-UCLA Medical Center. 4th -6th February 2021(Online).
2. Completed Sit Less, Get Active. 3 weeks online non-credit course authorized by The University of Edinburgh and offered through Coursera September 2020(Online).
3. Completed Hacking Exercise For Health. The surprising new science of fitness. 4 weeks online non-credit course authorized by McMaster University and offered through Coursera August 2020(Online).
4. Participated in the Enduring Material titled Unconscious Bias in Medicine and is awarded 1.00 AMA PRA Category 1 Credit(s)TM by Stanford University School of Medicine certifies on 8th July 2020(Online).

Name of Faculty: Dr. Prasunpriya Nayak
Designation: Additional Professor

Papers Presented:

1. Ghosh S, Gaur AT, Sircar S and Nayak P. Dyslipidemia as effect of acute aluminium exposure on female albino rats. Virtual Biennial South Asian Association of Physiologists and Physiological Society of India Conference 2021, 24th -25th March 2021, Department of Physiology and Medical Education Unit, HIMSR, New Delhi – 62.
2. Ghosh S, Gaur AT, Sircar S and Nayak P. Estrogen status modulated the aluminium induced dyslipidemia in female rats. Award Session of 66th National Conference of Association of Physiologists and Pharmacologists of India (APPICON 2020), Faridabad. 26th and 27th March 2021, organized by Departments of Physiology and Pharmacology, ESIC Medical College & Hospital.
3. Ankita A, Mehta B, Dutt N, Nayak P and Sharma P. Possible association of metabolic health with metabolic health in adult obese males. Award Session of 66th National Conference of Association of Physiologists and Pharmacologists of India (APPICON 2020), Faridabad. 26th - 27th March 2021, organized by Departments of Physiology and Pharmacology, ESIC Medical College & Hospital.
4. Ankita A, Mehta B, Dutt N, Nayak P and Sharma P. Association of sleep quality with metabolic health in adult obese male. 6th Annual & 1st Virtual International Conference of Basic and Applied Physiology (ICONBAP 2020), 5th -7th October 2020, organized by Department of Physiology, Sikkim Manipal Institute of Medical Sciences, Gangtok.

Sessions Chaired:

1. Pre-Conference CME on Medical Education, Virtual Biennial South Asian Association of Physiologists and Physiological Society of India Conference 2021, 17th March 2021, organized by Department of Physiology and Medical Education Unit, HIMSR, New Delhi – 62.
2. Virtual Biennial South Asian Association of Physiologists and Physiological Society of India Conference 2021, 24th -25th March 2021 organized by Department of Physiology and Medical Education Unit, HIMSR, New Delhi – 62.

Webinar Speaker

1. Keynote address on Pedagogical approaches to combat COVID-19 pandemic: issues & challenges. International Webinar held on 24th and 25th July, 2020 organized by Department of Chemistry, Govt. Degree College, Dharmanagar, Tripura.
2. Webinar on Research in Experimental Physiology (with special emphasis on Animal research), 22nd May, 2020 organized by Department of Physiology, JIPMER, Puducherry.
3. Webinar on Development & Maintenance of Physical & Mental Wellness during COVID-19 Pandemic, 29th August, 2020 organized by Department of Physiology, Midnapore College (Autonomous), Midnapore.
4. Webinar on COVID-19 & its preventive measures, 2nd - 3rd June, 2020 organized by NSS Units, Midnapore College (Autonomous), Midnapore.

Resource Faculty:

1. For UGC HRDC approved STC on Soft Skill Development organized by the Department of Home Science, University of Calcutta, 9th - 16th February, 2021.

2. Faculty Induction Programme of UGC Human Resource development Centre (HRDC), University of Calcutta, 15 March 2021.

Research Project:

Ongoing:

As Co-Investigator

1. In vitro evaluation for pro-healing modifications of endothelial cells by *Prosopis Cineraria*, a locally available conventional promoter of wound healing.
2. Development of animal model to stimulate Valsalva maneuver

Completed:

As Principal Investigator

1. Peripubertal neurodegeneration in female rats by aluminium exposure

As Co-Investigator

1. Evaluation of an online webinar series on basic research methodology and thesis writing in Physiology

Scientific Awards/Patents

1. Mrs. Abida Mahdi Award for a Scientist who has made outstanding contributions in the field of Neurosciences from Indian Academy of Biomedical Sciences, 31st March, 2021.

Examinership

1. M.Sc. (Medical), Dr. S. N. Medical College, 4th July 2020
2. PhD, Anna University, 6th November 2020
3. MBBS, Dr. S. N. Medical College, 11th November 2020

National/ International Conferences attended:

1. Pre-Conference CME on Medical Education in Virtual Biennial South Asian Association of Physiologists and Physiological Society of India Conference 2021, organized by Department of Physiology and Medical Education Unit, HIMSR, New Delhi – 62, 17th March 2021(Online).
2. Virtual Biennial South Asian Association of Physiologists and Physiological Society of India Conference 2021, organized by Department of Physiology and Medical Education Unit, HIMSR, New Delhi – 62, held on 24th -25th March 2021(Online).

Name of Faculty: Dr. Shival Srivastav

Designation: Assistant Professor

Book

1. Dixit A, Srivastav S, Competencies in Practical Physiology, 1st edition, New Delhi, PeePee Publishers and Distributors (P) Ltd 2020

Resource Faculty:

1. Webinar Series 'Basic Research Methodology and Thesis Writing in Physiology' organized by Department of Physiology, AIIMS, Jodhpur, 17th - 23rd August 2020.

Research Project:

Ongoing:

As Principal Investigator

1. Comparison of ultra-short and short term HRV measures in patients with diabetes mellitus. Non-funded project.

As Co-Investigator

1. Online microteaching: comparison of two methods for faculty teaching skills during COVID 19 and post COVID 19. Non funded project

Completed:

1. Evaluation of an online webinar series on basic research methodology and thesis writing in Physiology

Name of Faculty: Dr. Pooja Ojha

Designation: Assistant Professor

Papers Presented:

1. Ojha P, Malhotra V. Lifestyle habits, sleep quality and allodynia in episodic versus chronic migraine patients: Implications in migraine chronification. Virtual conference ICONBAP 2020, 5^{th-7th} October 2020
2. Ojha P, Singh V, Thacker AK. Odour induced modulation of EEG waves in healthy subjects. BMS e-CON, organized by the Departments of Anatomy, Biochemistry, Physiology, and Center for Biomedical Research, AVMCH, Puducherry, India, 17th - 19th September 2020.
3. Sharma R, Mehta B, Pareek P, Ojha P. Quality of Sleep in Breast Cancer patients undergoing Chemotherapy. SAAPCON, March 2021

Resource Faculty:

1. Basic research methodology and thesis writing webinar organized by Department of Physiology in collaboration with The Physiological Society of India, 17th – 23rd August 2020.

Research Project:

Ongoing:

As Principal Investigator

1. Electroencephalographic Analysis in Migraine clinical phenotypes [Nonfunded]
2. Quantitative sensory testing of allodynia in migraine: Its association with endogenous sex hormones & TRPV1 [Intramural funding from AIIMS Jodhpur]
3. Effect of 'Kriya Yoga' on brain oscillations and perceived stress in health care providers, during COVID-19 Pandemic: A Pilot Study" [Extramural funding from Department of Science and Technology: SATYAM under special call for COVID]

As Co-Investigator

1. Evaluation of a series of post-lecture online self-assessment tests on academic performance in medical undergraduates. [Nonfunded]

Completed:

As Co-Investigator

1. Evaluation of a webinar series on basic research methodology and thesis writing in Physiology

Examinership

1. BPT PART 1. Dr. SNMC. Jodhpur, 8th July 2020
2. BPT PART 1 (Main exam). Dr. SNMC, Jodhpur, 19th March 2021

Membership/Post in Journal or Society or Association

1. Reviewer; Indian Journal of Physiology and Pharmacology

National/ International Conferences attended:

1. A virtual workshop on Techniques In Physiological Sciences- 2020: Application to Translation organized by All India Institute of Medical Sciences, New Delhi, 1st-3rd December 2020.(Online).
2. Symposium on “Practical skills to support Breastfeeding for every health professional”, organized by department of community medicine HIMS SRHU, Dehradun, 3rd August 2020.(Online).
3. Attended the BMJ LIVE Webinar on How to develop and communicate a research question, 30th July 2020(Online).
4. National Level Webinar on Pivotal Role of Physiology in Clinical Medicine, organized by Department of Physiology, ESIC Medical College, Sanathnagar, Hyderabad, 1st July 2020.(Online).
5. Interactive CME: Statistics in Health Research on the occasion of National Statistics Day, organized by SPH AIIMS Jodhpur. 29th June 2020. (Online).
6. International webinar on Research in Experimental Physiology Organized by Department of Physiology, JIPMER, Puducherry, 22nd May 2020(Online).

Name of Faculty: Dr. Archana Gaur T

Designation: Assistant Professor

(Till 8th February 2021)

Resource Faculty

1. Basic research methodology and thesis writing webinar organized by Department of Physiology in collaboration with The Physiological Society of India, 17th – 23rd August 2020.

Research Project:

Ongoing:

As Principal Investigator

1. Effect of Diet modification and Physical activity in obesity

Completed

As Co-Investigator

1. Evaluation of a webinar series on basic research methodology and thesis writing in Physiology

Membership/Post in Journal or Society or Association

1. Editorial board member; European journal of Clinical and Biomedical Science
2. Reviewer; Indian Journal of Physiology and Pharmacology
3. Reviewer; Asian Journal of Research and Reports in Endocrinology
4. Reviewer; JPRI, JOWM, CCAST, EJNFS

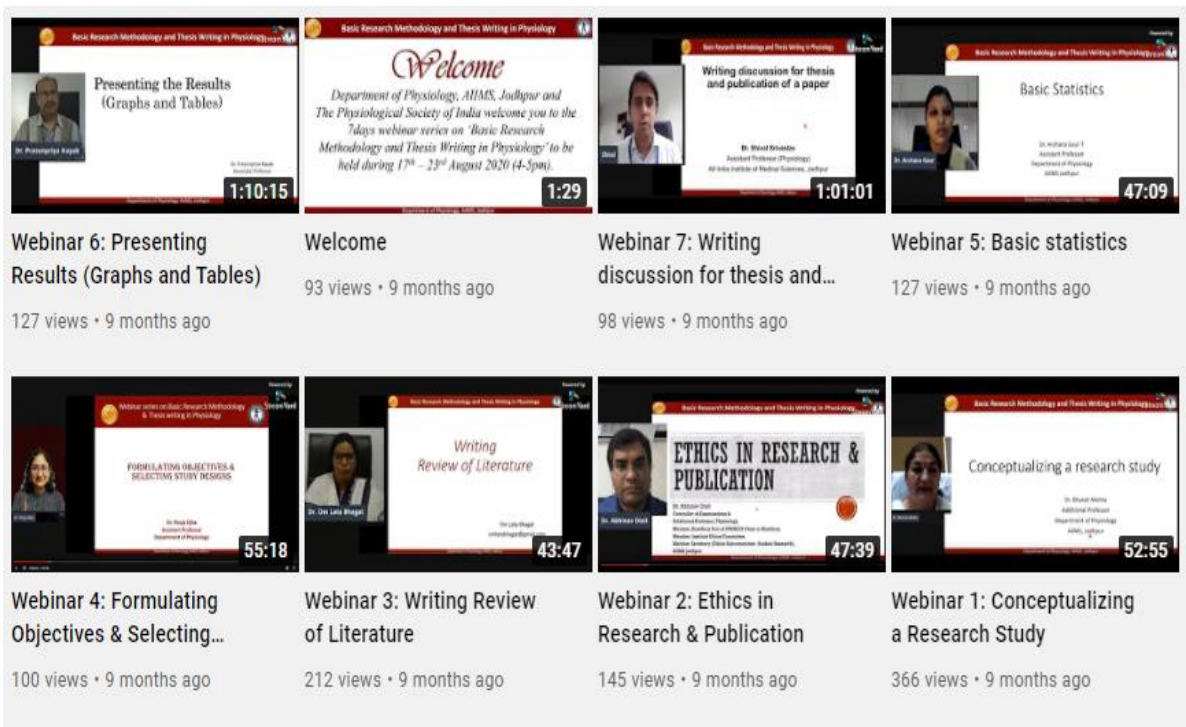
Courses attended:

1. Certificate Course In Basic Course In Biomedical Research

Conferences organized by the department:

A Webinar Series 'Basic Research Methodology and Thesis Writing in Physiology'

A Webinar Series 'Basic Research Methodology and Thesis Writing in Physiology', consisting seven webinars (1hour duration each) spanning over seven days, was organized by the Department of Physiology, AIIMS Jodhpur from 17th to 23rd August 2020. The Webinar Series was endorsed by The Physiological Society of India and received more than 1000 registrations. The participants received a link to the YouTube channel 'Physiology, AIIMS Jodhpur' to watch the live lectures. The recorded lectures could be viewed later from the same channel. At the end of the event, feedback from the participants were collected. The event received appreciation from the participants.



<p>Webinar 6: Presenting Results (Graphs and Tables) 127 views • 9 months ago</p>	<p>Welcome 93 views • 9 months ago</p>	<p>Webinar 7: Writing discussion for thesis and publication of a paper... 98 views • 9 months ago</p>	<p>Webinar 5: Basic statistics 127 views • 9 months ago</p>
<p>Webinar 4: Formulating Objectives & Selecting... 100 views • 9 months ago</p>	<p>Webinar 3: Writing Review of Literature 212 views • 9 months ago</p>	<p>Webinar 2: Ethics in Research & Publication 145 views • 9 months ago</p>	<p>Webinar 1: Conceptualizing a Research Study 366 views • 9 months ago</p>

Resource faculties during their sessions in the webinar Series 'Basic Research Methodology and Thesis Writing in Physiology'

Department of Psychiatry

S.No.	Name	Designation
1	Dr. Naresh Nebhinani	Additional Professor & Head
2	Dr. Mukesh Kumar Swami	Associate Professor
3	Dr. Pratibha	Associate Professor
4	Dr. Navratan Suthar	Assistant Professor
5	Dr. Anish Shouan	Assistant Professor
6	Dr. Tanu	Clinical Psychologist

About the Department :

Department of Psychiatry started its outpatient services in July 2013 and later indoor facility in 2014. Broadly we are catering to children, adolescents, adults and elderly patients with psychological issues or psychiatric disorders, substance use disorders and sexual disorders.

In our outdoor clinic we are serving both new and referred patients with common mental disorders, severe mental illness, psychosomatic disorders, stress related problems, childhood disorders, geriatric problems, substance use disorders, marital and psychosexual disorders etc. We are providing pharmacotherapy, electroconvulsive therapy (ECT), biofeedback training, and psychological testing and therapies like Psychoeducation, behavioural therapy, psychotherapy, and also teaching various relaxation exercises.

We are running three special clinics: Drug Deaddiction Clinic (DDC) (Tuesday), Child and Adolescent Psychiatry Clinic (CAPC) (Thursday), Geriatric Mental Health Clinic (GMHC) (Friday).

We are teaching clinical skills, basic sciences and applications of Psychiatry to B.Sc.Nursing (Hons), M.B.B.S. and Postgraduate students. Additionally, we are having weekly departmental academics in form of seminar, journal club, case conference, and Psychotherapy forum.

We are also providing services to Indian Institute of Technology (IIT), Border Security Force (BSF), National Law University (NLU), Police academy, Jai Narayan Vyas University (JNVU), Schools and Colleges and Yoga center for awareness lectures related to mental health, psychiatric disorders, substance abuse, stress management as well as for capacity building.

In year 2020-2021, Webinars related to mental well-being during COVID-19 pandemic were organized for health care workers, students, parents, and employees of non-governmental organizations during Mental Health Week as well as throughout the year. Our faculty have participated in several academic forums-conferences, workshops and discussions and delivered guest lectures.

In this period Dr Anish Shouan, Assistant Professor has joined the department on 11.01.2021.

Compiled list of Publications of the department

Papers

Pubmed Indexed:

- Grover S, Avasthi A, Chakravarty R, Dan A, Chakraborty K, Neogi R, Desouza A, Nayak O, Praharaj S, Menon V, Pattanayak R, Bathla M, Subramanyan A, Nebhinani N, et al. Prescription Patterns in Clinically Stable Patients with Bipolar Disorder: Findings from the Bipolar Disorder Course and Outcome from India (BiD-CoIN) Study. Asian J Psychiatry 2021;57:102549

2. Nebhinani N, Kuppili PP, Mamta. Stress, burnout and coping amongst first year medical undergraduates. *Journal of Neuroscience in Rural Practice* 2021.
3. Srivastava A, Kuppili PP, Gupta T, Nebhinani N, Chandani A. Kriya Yoga in patients with Depressive disorders: A pilot study. *Journal of Neuroscience in Rural Practice* 2021;12(2):362-367.
4. Grover S, Avasthi A, Chakravarty R, Dan A, Chakraborty K, Neogi R, Desouza A, Nayak O, Praharaj S, Menon V, Pattanayak R, Bathla M, Subramanyan A, Nebhinani N, et al. Bipolar Disorder Course and Outcome Study from India (BiD-CoIN study): Sample Description and Methods. *J Affective disorder* 2021;280:16-23.
5. Kumar K, Mitra P, Ghosh R, Sharma S, Nebhinani N, Sharma P. Association of circulating BDNF levels with BDNF rs6265 polymorphism in schizophrenia. *Behavioural Brain Research* 2020;394:112832.
6. Nebhinani N, Kuppili P, Mamta, Paul KD. Effectiveness of brief educational training on Medical students' attitude towards suicide prevention. *Journal of Neuroscience in Rural Practice* 2020;11:609-615
7. Ghosh R, Kumar K, Mitra P, Purohit P, Nebhinani N, Sharma P. Circulating T helper 17 and IFN- γ positive Th17 cells in Major Depressive Disorder. *Behavioural Brain Research* 2020;394:112811.
8. Gupta R, Grover S, Basu A, Krishnan V, Tripathi A, Subramanyam A, Nischal A, Hussain A, Mehra A, Ambekar A, Saha G, Mishra KK, Bathla M, Jagiwal M, Manjunatha N, Nebhinani N, et al. Changes in Sleep Pattern and Sleep Quality during COVID-19 Lockdown. *Indian J Psychiatry* 2020;62:370-8.
9. Nebhinani N, Kuppili P, Mamta, Paul KD. Effectiveness of brief educational training on Medical students' attitude towards suicide prevention. *Journal of Neuroscience in Rural Practice* 2020;11:609-615
10. Menon V, Kar SK, Tripathi A, Nebhinani N. Cyberchondria: conceptual relation with health anxiety, assessment, management and prevention. *Asian J Psychiatry* 2020;53:10225.
11. Kishor M, Gupta R, Ashok MV, Isaac M, Chaddha RK, Singh OP, Shah H, Nishchal A, Dave M, Kumar HR, Das A, Rohilla JK, Singh PK, Kumar P, Swami M, Solanki RK, Sahadevan S, Pal A, Ray R, Garg S, Tikka SK, Dyanin V, Avinash P, Dhiman V, Basu A, Rawat VS, Krishnan V, Menon V, Chandran S, Nebhinani N. Competency-based medical curriculum: Psychiatry, training of faculty, and Indian Psychiatric Society. *Indian J Psychiatry* 2020;62:207-8.
12. Saini VK, Gehlawat P, Gupta T. Evaluation of knowledge and competency among nurses after a brief suicide prevention educational program: A Pilot study. *J of Family Medicine and Prim care*. 2020;9:6018-22.
13. Singhai K, Suthar N, Gehlawat P. The 3 D'S of geriatric psychiatry: A case report. *J of Family Med and Prim care*. 2020;9:2509-10.
14. Nathvani M, Saini VK, Gehlawat P. Socio-cultural barriers in management of gender dysphoria: A case report. *Indian J Psychiatry*. 2021;63:106-7.
15. Swami MK, Mishra VC. Interest-activity dimension and response to aripiprazole. *J Clin Psychiatry*. 2020;82(1):201r13628.
16. Swami MK, Gupta T. Psychological impact of fear-based messages in context of COVID 19. *Intl J Social Psychiatry*. December 2020. <https://doi.org/10.1177/0020764020980773>
17. Haleemunnissa S, Didel S, Swami MK, Singh K, Vyas V. Children and COVID19: Understanding impact on the growth trajectory of an evolving generation. *Children and Youth Services Review* 2021; 120: 105754.
18. Singhai K, Swami MK, Nebhinani N, Rastogi A, Jude E. Psychological adaptive difficulties and their management during COVID-19 pandemic in people with diabetes mellitus. *Diabetes Metab Syndr*. 2020;14(6):1603-1605.

19. Jain S, Swami M. Intranasal Abuse of Buprenorphine: A Case Report From India. *Asian J Psychiatr.* 2020 Apr 8;52:102075.
20. Mahal P, Suthar N, Nebhinani N. Spotlight on Oculogyric Crisis: A Review. *Indian Journal of Psychological Medicine* 2021;43(1):5-9.
21. Nebhinani N, Sharma P, Suthar N, Pareek V, Kunwar D, Purohit P, et al. Correlates of Metabolic syndrome in patients with depression: A study from north-western India. *Diabetes & Metabolic Syndrome: Clinical Research & Reviews* 2020;14:1997-2002
22. Nebhinani N, Tripathi S, Suthar N, Pareek V, Purohit P, Sharma P. Correlates of Metabolic Syndrome in Patients with Schizophrenia: An Exploratory Study. *Ind J ClinBiochem*2020. <https://doi.org/10.1007/s12291-020-00912-7>
23. Singh SM, Shouan A, SaiChiatanya Reddy B, Suman A, Kathiravan S, Pal P, et al. Proactive case finding for severe mental illness in a rural area in the Indian Punjab: findings and lessons. *Soc Psychiatry PsychiatrEpidemiol.* 2021;56:707–10.
24. Grover S, Shouan A, Chakrabarti S, Sahoo S, Mehra A. Comparative study of effectiveness of augmentation with ECT in clozapine resistant schizophrenia (CRS) and non-clozapine resistant schizophrenia (Non-CRS). *Nord J Psychiatry.* 2021;1–17.
25. Gupta T, Nebhinani N. Let's build Psychological immunity against COVID-19 Pandemic. *Indian J Psychiatry.* 2020;62: 601-03.

Non-Pubmed Indexed:

1. Nebhinani N, Misra S, Ghatak S. Mentoring in Medical colleges: Scope and Opportunities. *J. Indian Assoc. Child Adolesc. Ment. Health* 2021;17(1):1-7
2. Choudhary S, Nebhinani N, Arora IK, Paul K. Thriving through COVID-19: Promoting resilience in adolescents. *J. Indian Assoc. Child Adolesc. Ment. Health* 2021;17(1):142-145.
3. Patra S, Nebhinani N, Padhy SK. COVID-19 pandemic: An opportunity in disguise for Child and Adolescent Psychiatry! *J. Indian Assoc. Child Adolesc. Ment. Health* 2020;16(4):1-5.
4. Kishor M, Menon V, Vinay HR, Bhise MC, Isaac M, Chandran S, Kumar A, Nebhinani N, et al. COVID-19 pandemic highlights the need to reconsider psychiatry training of Indian medical graduate. *Int J Health Allied Sci* 2020;9:S104-6.
5. Gehlawat P, Gehlawat VK. A narrative review of major depressive disorder in children and adolescents. *Arch Depress Anxiety.* 2020;6(1):019-022.
6. Mahal P, Gehlawat P, Gupta T. Atypical presentation of bipolar disorder in adolescent. *Arch Ment Health.* 2020;21:119-21.
7. Gupta T, Nebhinani N. Building Psychological immunity in children and adolescents. *J. Indian Assoc. Child Adolesc. Ment. Health* 2020;16(2): 1-12
8. Gupta T, Nebhinani N. Impact of COVID-19 Pandemic on Child and adolescent mental health *J. Indian Assoc. Child Adolesc. Ment. Health* 2020;16(3):1-16
9. Gupta T, Swami MK, Nebhinani N. Risk of digital addiction among children and adolescents during COVID-19 pandemic: Concerns, caution, and way out. *J. Indian Assoc. Child Adolesc. Ment. Health* 2020;16(3): 199-208.
10. Panda TK, Saini V, Mahal P, Gupta T, Nebhinani N. Diagnostic dilemma and management difficulties in a case of chronic mania. *J Mental Health Hum Behav* 2020;25:155-7.

Any other information:

Department of Psychiatry celebrated World Mental Health Week from 7th October-10th October, 2020 with the theme of 'Mental Health for All- Greater investment and Greater access.' Mental health concerns

during COVID-19 pandemic were discussed. Poster and short-video competition related to awareness of mental health issues of COVID-19 pandemic were held. Webinars were organized for the school students and their parents targeting the concerns related to school closure and parenting during COVID-19 pandemic.

Name of Faculty : Dr. Naresh Nebhinani

Designation: Additional Professor & Head

Book Chapter:

1. Gupta T, Nebhinani N. The art of counseling patients with Dermatological conditions. In: Ashwini PK, Kishor M, Editors. Essentials of Psychiatry for Dermatology and Aesthetic Practice, 1st ed. Mysuru: Apsara Prakashana, 2021. p118-130.
2. Swami MK, Nebhinani N. Implementing Liaison Psychiatry in Community setting: Indian perspective. In: Chadda RK, Sood M, Sarkar S, Editors. Handbook of Consultation-Liaison Psychiatry, 1st ed. New Delhi: All India Institute of Medical Sciences, 2020. p122-128.

Paper Presented:

1. "Addressing mental health challenges of COVID-19 pandemic: Are we doing enough?" (Panelist). National audience at National Conference of Society for Rural Mental Health (Rohtak, 10th October, 2020 on virtual platform)
2. Pandemic & Psychiatrist (Panelist). 20th Post Graduate Development Program, by Indian Psychiatric Society- North Zone (18th October, 2020, Gurugram)
3. Gender sensitive actions to promote mental health at workplace (Panelist). Midterm CME by Indian Psychiatric Society- North Zone (29th November, 2020, Lady Harding Medical College, Delhi)

Sessions Chaired:

1. 'Judge' in Global Hackathon by Massachusetts Institute of Technology on "COVID-19 Challenge-India: Turning the Tide" Track H: Providing mental health support resources (30th August, 2020)
2. 'Neurobiology of behavioral addiction' at 1st National Midterm CME of Indian Association for Child & Adolescent Mental Health on 'Young minds and behavioral addiction' (7th- 8th November, 2020, RIMS, Imphal)
3. 'Stigma, Death & Grief in times of COVID-19' at 44th Annual Conference of Indian Psychiatric Society – North Zone (23rd-24th January, 2021, PGIMER, Chandigarh with virtual platform)

Invited Lecture:

1. General tips for Stress management for Yoga teachers training program for Western Rajasthan, Patanjali (Webinar) (AIIMS, Jodhpur, 12th September, 2020)
2. Stress management techniques for Yoga teachers training program for Western Rajasthan, Patanjali (Webinar) (AIIMS, Jodhpur, 25th October, 2020)

Symposium Speaker:

1. Interface of law and psychiatric problems in children. At Clinical Practice Guidelines for Psychiatrist in India. Indian Psychiatric Society National Workshop (Webinar) (3rd November, 2020)

Resource Faculty:

1. Training Program on 'Mental health care during COVID-19' for SAARC countries and other nations with collaboration with Indian Technical and Economic Corporation Program under Ministry of External Affairs, Government of India (26th June, 2020)

2. Online training session on Mental Health for GRAVIS employee (Webinar) (AIIMS Jodhpur, 17th July, 2020)
3. Psychological wellbeing of Health Workers (Lab Technicians) (AIIMS Jodhpur, 18th July, 2020)
4. Mental health of Health workers during COVID-19 (Webinar) (AIIMS Jodhpur, 14th August, 2020)
5. When Worlds Collide- The Professional and the Personal reflection on Mental health perspective. Webinar on "From AIDS to COVID: The Rocky Road - 3 of Public Health" (Webinar) (by Poornima University, JSPH & Indic-Chain, 25th September, 2020)
6. Science of Happiness: Supporting Resilience in Adolescents (Webinar) (AIIMS Jodhpur, 10th October, 2020)
7. Mental health wellbeing of Youth, problems, & interventions (Webinar) (National audience at National Youth Council of India, 10th October, 2020)
8. "From AIDS to COVID: The Rocky Road of Public Health: Jodhpur perspective" (Webinar) (by Poornima University, JSPH & Indic-Chain, 1st November, 2020)
9. Psychopathology: Understanding Signs and Symptoms of Mental Health Problems (Online training session for middle-level Managers). (Institute of Counsellor Training Research and Consultancy, 8th January, 2021)

Research Project:

Ongoing:

As Principal-Investigator-

1. Association of candidate gene polymorphism, inflammatory markers and suicidal risk in patients with depressive disorder in north Indian population: A pilot study. AIIMS Jodhpur

As Co-Investigator-

1. Development and validation of an Indian scale to assess severity of substance related problems. ICMR, New Delhi
2. Evaluation of Toll like receptors 2, 4 and neurotransmitters receptors (Serotonin, Dopamine and Glutamate) and its significance in cognitive behaviour changes in Schizophrenia patients. AIIMS Jodhpur
3. Effect of Kriya Yoga on brain oscillations and perceived stress in Healthcare providers, during COVID-19 pandemic: A pilot study. Department of Science & Technology
4. Prevalence of mixed features in patients with First episode Depression: A Multicentric Study. Indian Psychiatric Society project

Completed:

As Principal-Investigator-

1. Association of Single nucleotide polymorphisms in DNA Repair Gene (XRCC1) (Arg399Gln; rs25487) and SNAP25 (rs3746544) in patients with Schizophrenia in North Indian population. AIIMS Jodhpur

As Co-Investigator-

1. Assessment of correlates of dropout from psychiatric treatment in tertiary care psychiatric facility in western Rajasthan
2. A multi-centric study to explore the experiences of patients with substance use disorder during the lockdown period in India
3. Faculty's readiness and perception towards online teaching platform during COVID-19
4. Impact of COVID-19 pandemic and associated lockdown on patients with psychiatric illness

5. Emotional Distress Among Health Professionals Involved in Care of Inpatients with COVID-19
6. A cross-sectional survey for assessment of users perception and perspective for tele-psychiatry consultation
7. Online survey to assess the Changes in Sleep Pattern and Sleep Quality during COVID-19 Lockdown

Membership/Post in Journal or Society or Association

1. Editor; Journal of Indian Association of Child and Adolescent Mental Health
2. Associate Editor; Journal of Mental Health and Human Behavior, Frontiers in Psychiatry (Aging Psychiatry section)
3. Editorial Advisory Board Member; Medical Journal of Dr. D.Y. Patil University, Journal of Geriatric Mental Health, International Journal of Education and Research in Health Sciences
4. Executive council member; Indian Psychiatric Society- North Zone (IPS-NZ) (2017-2020)
5. Convener; CME Committee, Indian Psychiatric Society-North Zone (2020-2021)
6. Convener; Publication Sub-committee, Indian Psychiatric Society (2018-2021)

National/ International Conferences attended:

1. 1st National Midterm CME of Indian Association for Child & Adolescent Mental Health on 'Young minds and behavioral addiction', 7th- 8th November, 2020, RIMS, Imphal (Online).
2. Midterm CME by Indian Psychiatric Society- North Zone on 29th November, 2020, Lady Harding Medical College, Delhi(Online).
3. 44th Annual Conference of Indian Psychiatric Society – North Zone from 23rd-24th January, 2021, PGIMER, Chandigarh(Online).
4. 27th National Conference of Indian Association for Social Psychiatry on 24th January, 2021, AIIMS New Delhi(Online).

Radio talk:

1. 'How to better utilize time during Lockdown: Focus on the students' (at Akashvani, on 01.04.20)
2. 'Mental health during Lockdown: How to stay happy at home' (at Akashvani, on 04.05.20)
3. 'World mental health day: Theme based session' (Big FM 10.10.20)
4. 'Mental health concern during COVID-19 pandemic (Radio Mirchi 10.10.20)
5. 'Psychological disorders: Causes and treatment approach (10.12.20)

Name of Faculty: Dr. Mukesh Kumar Swami

Designation: Associate Professor

Books/Chapters

1. Swami M, Nebhinani N. Implementing liaison psychiatry in community setting: Indian perspective. In: Handbook of Consultation Liaison Psychiatry, Chadda RK, Sood M, Sarkar S, 1st edition, New Delhi, Department of Psychiatry, AIIMS New Delhi, 2020; p122-128

Resource Faculty:

1. Online Orientation Programme for Resource Persons (Psychiatrists) on Management of Substance Use Disorders from 19th - 24th October, 2020 by the National Drug Dependence Treatment Centre

(NDDTC), AIIMS, New Delhi with support from the Drug De-Addiction Programme (DDAP), Ministry of Health and Family Welfare, Govt of India.

2. Training Program on 'Mental health care during COVID-19' for SAARC countries and other nations with collaboration with Indian Technical and Economic Corporation Program under Ministry of External Affairs, Government of India (26th June, 2020).

Research Project:

Ongoing:

As Principal Investigator

1. Assessment of cognitive functions and functional disability among symptomatic and remitted patients with depression, Funding- Intramural

As Co-Investigator

1. Development and validation of an Indian instrument to assess severity of substance related problems, Funding- ICMR
2. Assessment of satisfaction and expectations of patients receiving mental health services in a tertiary care center in western Rajasthan. (Non-funded)

Completed:

As Principal Investigator

1. Assessment of correlates of dropout from psychiatric treatment in tertiary care psychiatric facility in western Rajasthan
2. A cross-sectional survey for assessment of user's perception for telepsychiatry consultation

As Co-Investigator

1. A Multicentric study to explore the experiences of patients with substance use disorder during the lockdown period in India
2. Emotional distress among health professionals involved in care of inpatients with COVID-19
3. Faculty's readiness and perception towards online teaching platform during COVID-19
4. Impact of Lock down on patients with Psychiatric illness
5. A comparative study of pre and postoperative facial satisfaction and quality of life in patient undergoing rhinoplasty

Membership/Post in Journal or Society or Association

1. Membership of Academy of consultation liaison Psychiatry (ACLCP)
2. Membership of International Psycho-Oncology Society (IPOS)

Name of Faculty: Dr. Pratibha
Designation: Associate Professor

Books/Chapters:

1. Gehlawat P, Gupta T. Technology enabled precision medicine in neurodevelopmental disorders (NDD) In: Enabling Technology for Neurodevelopmental Disorders: From Diagnosis to Rehabilitation, Wadhera T, Kakkar D, Taylor & Francis (Accepted)

2. Gupta T, Gehlawat P. Technology Driven Interventions for Attention Deficit Hyperactivity Disorder (ADHD) In: Enabling Technology for Neurodevelopmental Disorders: From Diagnosis to Rehabilitation, Wadhera T, Kakkar D, Taylor & Francis (Accepted)

Resource Faculty:

1. Training Program on 'Mental health care during COVID-19' for SAARC countries and other nations with collaboration with Indian Technical and Economic Corporation Program under Ministry of External Affairs, Government of India (26th June, 2020)
2. Online training session on Mental Health for GRAVIS employee (Webinar) (AIIMS Jodhpur, 17th July, 2020)
3. Parenting amidst COVID-19 (Webinar) Department of Psychiatry, AIIMS, Jodhpur (9th October, 2020)

Research Project:

Ongoing:

As Principal Investigator

1. Assessment of satisfaction and expectations of patients receiving mental health services in a tertiary care center in western Rajasthan.
2. Assessment of behavioral and temperamental problems in children of parents with opioid dependence in a tertiary care center in western Rajasthan.

Completed:

As Principal Investigator

1. Faculty's readiness and perception towards online teaching platform during COVID- 19 pandemic.
2. Evaluation of knowledge and competency among nurses after a Brief Suicide Prevention Educational Program.

As Co-Investigator

1. Impact of COVID-19 Pandemic and associated lock-down on patients with Psychiatric illness.
2. A cross-sectional survey for assessment of user's perception for Telepsychiatry consultation.

National/ International Conferences attended:

1. Workshop on "Scientific Writing and Research Ethics" for Medical and Clinical sciences, held by DBT and Wellcome Trust India Alliance on 19th September, 2020. (Online).
2. Workshop on "Introductory course on Evidence based Medicine" held by AIIMS, Jodhpur, from 14th Dec 2020 to 22nd Dec 2020.(Online).

Name of the faculty: Dr. Navratan Suthar

Designation: Assistant Professor

Sessions Chaired:

1. Mental Health concerns in COVID-19 Pandemic: Panel discussion on 07.10.2020

Resource Faculty:

1. Online Orientation Programme for Resource Persons (Psychiatrists) on Management of Substance Use Disorders from 19th - 24th October, 2020 by the National Drug Dependence Treatment Centre (NDDTC), AIIMS, New Delhi with support from the Drug De-Addiction Programme (DDAP), Ministry of Health and Family Welfare, Govt of India.

2. Capacity Building Program on Mental Health Care during COVID-19 Pandemic by AIIMS, Jodhpur under the aegis of ITEC, Ministry of External Affairs, Government of India on 26th June, 2020.
3. Training program on mental Health care during covid-19: Issues related to substance use disorder (Identification and preliminary management) on 26.06.2020
4. Psychological wellbeing of health workers: How to stay motivated at work place on 18.07.2020
5. Psychological wellbeing of health care workers: Staying Motivated @ Work on 14.08.2020
6. Online training session on Mental Health for GRAVIS employee: Importance of Mental Health & How to identify common mental health problems on 17.07.2020

Research Project:

Ongoing:

As Co-Investigator:

1. Identifying Behavioral and Psychological Symptoms Clusters of Dementia: A Multi-Centric Exploratory Study

Completed:

As Co-Investigator-

1. Qualitative study on the psychological experience of Nursing officers caring COVID-19 Patients
2. A cross sectional survey for assessment of user' perception for Telepsychiatry Consultation
3. Impact of COVID-19 Pandemic and associated lock down on patients with Psychiatric illness
4. Emotional distress among health professionals involved in care of inpatients with COVID-19

Membership/Post in Journal or Society or Association

1. Associate editor, Journal of Indian Association of Child and Adolescent Mental Health
2. Life Fellow of Addiction Psychiatric Society of India (APSI)

Workshop attended:

1. Workshop on "Introductory course on Evidence based Medicine" held by AIIMS, Jodhpur, from 14th Dec 2020 to 22nd Dec 2020.(Online).

Radio talk:

1. How to cope with stress associated with COVID-19 and lockdown (01/05/2020)
2. Mental Health Care during COVID-19 Pandemic (05/07/2020)
3. A talk on Depression (10/10/2020)

Name of faculty: Dr. Anish Shouan

Designation: Assistant Professor
(Joined on 11.01.2021)

Name of Faculty : Dr. Tanu Gupta

Designation: Clinical Psychologist

Books/Chapters:

1. Gupta T, Gehlawat P. Technology Driven Interventions for Attention Deficit Hyperactivity Disorder (ADHD) In: Enabling Technology for Neurodevelopmental Disorders: From Diagnosis to Rehabilitation, Wadhwa T, Kakkar D, Taylor & Francis (Accepted)

2. Gehlawat P, Gupta T. Technology enabled precision medicine in neurodevelopmental disorders (NDD) In: Enabling Technology for Neurodevelopmental Disorders: From Diagnosis to Rehabilitation, Wadhera T, Kakkar D, Taylor & Francis (Accepted)

Resource Faculty:

1. Capacity Building Program on Mental Health Care during COVID-19 Pandemic by AIIMS, Jodhpur under the aegis of ITEC, Ministry of External Affairs, Government of India on 26th June, 2020.
2. Webinar on “Parenting amidst COVID-19, Department of Psychiatry, AIIMS, Jodhpur (9th October, 2020)
3. Enhancing Child’s Wellbeing – Mindfulness Approach” on 10th October 2020, Department of Psychiatry, AIIMS, Jodhpur.
4. CRE program on “Managing behaviour at classroom and home” on 25th March 2020.

Research Project:

Ongoing:

As Co-Investigator:

1. Evaluation of Toll like receptors 2, 4 and neurotransmitters receptors (Serotonin, Dopamine and Glutamate) and its significance in cognitive behavior changing Schizophrenia patients.
2. Assessment of cognitive functions and functional disability among symptomatic and remitted patients with depression.
3. Indian Multiple Sclerosis and Allied demyelinating Disorder Registry and research network.

Completed:

As Principal Investigator

1. Impact of COVID-19 Pandemic and associated lock-down on patients with Psychiatric illness.

As Co-Investigator

1. Faculty’s readiness and perception towards online teaching platform during COVID- 19 pandemic.
2. Evaluation of knowledge and competency among nurses after a Brief Suicide

National/ International Conferences attended:

1. Workshop on “Scientific Writing and Research Ethics” for Medical and Clinical sciences, held by DBT and Wellcome Trust India Alliance on 19th September, 2020(Online).

Department of Pulmonary Medicine

S.No.	Name	Designation
1	Dr. Naveen Dutt	Additional Professor
2	Dr. Nishant Kumar Chauhan	Additional Professor
3.	Dr. Ramniwas	Assistant Professor
4.	Dr. Ashok Kuwal	Assistant Professor

About the Department

The department of Pulmonary Medicine is committed to provide access to the latest advances in pulmonary diseases, critical care and sleep medicine. We aim to consistently deliver high-quality care with respect, dignity and compassion. We manage a wide spectrum of diseases of the chest ranging from airway disorders like asthma, COPD, bronchiectasis, lung infections including tuberculosis and other mycobacterial infections, pleural diseases, lung cancer, sleep disorders, occupation-related lung disorders like silicosis, interstitial lung diseases, pulmonary vascular diseases and patients with respiratory failure requiring invasive/non-invasive ventilatory support. We have initiated advanced pulmonary interventions using flexible and rigid bronchoscopy.

We are offering OPD as well as IPD facilities to our patients. Presently we are doing the following investigations and procedures in our department:

1. Spirometry
2. Diagnostic and therapeutic bronchoscopy
3. Medical thoracoscopy
4. Body plethysmography and Diffusion study
5. Endo-bronchial Ultrasound guided transbronchial needle aspiration
6. FENO
7. Polysomnography/ Sleep laboratory
8. Critical care
9. Rigid bronchoscopy

Compiled list of Publications of the department

Pubmed Indexed:

1. Varikasuvu SR, Dutt N, Thangappazham B, Varshney S. Diabetes and COVID-19: A pooled analysis related to disease severity and mortality. *Prim Care Diabetes*. 2021 Feb;15(1):24-27. doi: 10.1016/j.pcd.2020.08.015. Epub 2020 Aug 29.
2. Deokar K, Agarwal M, Dutt N, Chauhan N, Niwas R, Shadrach BJ, Chawla G. A review of Ciclesonide in COVID-19. Still a long way to go. *AdvRespir Med*. 2021;89(1):79-81.
3. Deokar K, Shadrach BJ, Chawla G, Asfahan S, Dutt N, Niwas R, Agarwal M, S AS. Low dose radiotherapy for COVID pneumonia: Irradiate to Eradicate - Will it be possible? *Acta Biomed*. 2020 Nov 10;92(1):e2021023
4. Chauhan NK, Elhence P, Deokar K, Dutt N, Sharma PP, Kuwal A, Kumar S, Niwas R. Vascular patterns on narrow band imaging (NBI) video bronchoscopy of lung cancer patients and its relationship with histology: an analytical cross-sectional study. *AdvRespir Med*. 2021;89(1):30-36
5. Shadrach BJ, Deokar K, Agarwal M, Dutt N. Quarantine of Health Care Workers in the COVID-19 Crisis: Why and How Long? *Acta Biomed*. 2020 Nov 10;91(4):e2020174.

6. Varikasuvu SR, Varshney S, Dutt N. Markers of coagulation dysfunction and inflammation in diabetic and non-diabetic COVID-19. *J Thromb Thrombolysis*. 2021 May;51(4):941-946.
7. Elhence A, Sureka B, Garg MK, Bhardwaj P, Kanchan T, Sinha A, Bhatia PK, Nag VL, Kothari N, Dutt N, Bhaskar S, Tak V, Bishnoi NR, Misra S. Preparing for a COVID-19 pandemic: Redefining roles of multidisciplinary team in a large tertiary hospital in Rajasthan. *J Family Med Prim Care*. 2020 Nov 30;9(11):5439-5444.
8. Asfahan S, Deokar K, Dutt N, Niwas R, Jain P, Agarwal M. Extrapolation of mortality in COVID-19: Exploring the role of age, sex, co-morbidities and health-care related occupation. *Monaldi Arch Chest Dis*. 2020 May 21;90(2).
9. Rustagi N, Jaiswal A, Kelly D, Dutt N, Sinha A, Raghav P. Measuring medical graduate behavioral intention for administering on-site care to road traffic accident victims: Development and validation of a questionnaire. *Indian J Public Health*. 2021 Jan-Mar;65(1):39-44.
10. Samaddar A, Gadepalli R, Nag VL, Misra S, Bhardwaj P, Singh P, Meena M, Sharma PP, Grover M, Kumar Garg M, Chauhan NK, Dutt N, Niwas R, Kumar D, Sharma P, Goel AD, Kumar Gupta M, Saurabh S, Rai S, Lawdiya C, Saini J, Singh D. Viral Ribonucleic Acid Shedding and Transmission Potential of Asymptomatic and Paucisymptomatic Coronavirus Disease 2019 Patients. *Open Forum Infect Dis*. 2020 Dec 8;8(1):ofaa599.
11. Asfahan S, Chawla G, Dutt N. Ramadan and COVID-19: A Challenge amongst Challenges. *Turk Thorac J*. 2020 Jul;21(4):285-286.
12. Niwas R, Chawla G, Pareek P, Chauhan NK, Dutt N. Revisiting bronchoscopic intratumoral chemotherapy in malignant central airway obstruction via EUS-B approach and its review of literature. *Monaldi Arch Chest Dis*. 2020 Oct 15;90(4).
13. Shadrach BJ, Vedant D, Vishwajeet V, Jain P, Dutt N, Surekha B, Pareek P, Abhay Elhence P. Endobronchial pulmonary blastoma - an unusual presentation of a rare lung malignancy and review of literature. *Monaldi Arch Chest Dis*. 2020 Jul 30;90(3).
14. Asfahan S, Gopalakrishnan M, Dutt N, Niwas R, Chawla G, Agarwal M, Garg MK. Using a simple open-source automated machine learning algorithm to forecast COVID-19 spread: A modelling study. *Adv Respir Med*. 2020;88(5):400-405.
15. Asfahan S, Shahul A, Chawla G, Dutt N, Niwas R, Gupta N. Early trends of socio-economic and health indicators influencing case fatality rate of COVID-19 pandemic. *Monaldi Arch Chest Dis*. 2020 Jul 22;90(3).
16. Varikasuvu SR, Dutt N. Cardiovascular disease as a risk factor of disease progression in COVID-19: The corrected effect size and forest plot. *J Infect*. 2020 Nov;81(5):816-846.
17. Niwas R, S AS, Garg MK, Nag VL, Bhatia PK, Dutt N, Chauhan N, Charan J, Asfahan S, Sharma P, Bhardwaj P, Banerjee M, Garg P, Sureka B, Bohra GK, Gopalakrishnan M, Misra S. Clinical outcome, viral response and safety profile of chloroquine in COVID-19 patients - initial experience. *Adv Respir Med*. 2020;88(6):515-519.
18. Samantaray S, Nag VL, Rawat P, Misra S, Aggarwal A, Khan S, Gadepalli RS, Kombade SP, Deepak, Dutt N, Garg MK, Bharadwaj P, Manda B. Demographic Profile of COVID-19 Cases: An Early Analysis of the Local Outbreak in a "Hotspot District" of Western Rajasthan in India. *Asia Pac J Public Health*. 2021 Jan;33(1):138-140.
19. Yadav T, Saxena S, Dutt N, Garg P, Khera P. Vanishing aneurysms in Behcet's disease - A case series. *Monaldi Arch Chest Dis*. 2021 Feb 2;91(1).
20. Garg PK, Khera PS, Saxena S, Sureka B, Garg MK, Nag VL, Purohit A, Dutt N, Tiwari S, Yadav T, Singh S, Misra S. Chest-X-ray-Based Scoring, Total Leukocyte Count, and Neutrophil-to-Lymphocyte Ratio for Prediction of COVID-19 in Patients with Severe Acute Respiratory Illness. *Turk Thorac J*. 2021 Mar;22(2):130-136.

21. Niwas R, Chawla G, Chauhan NK, Dutt N. Esophageal Cancer, Central Airway Obstruction, and Lots More: A Collaborative Approach to a Challenging Scenario. *Turk Thorac J.* 2021 Mar;22(2):175-178.
22. Khera PS, Chauhan N, Garg PK, Choudhary R, Deokar K, Niwas R. Hemothorax secondary to ruptured pulmonary arteriovenous malformation: A combined stitch in time saves nine. *Lung India.* 2020 May-Jun;37(3):272-274
23. Chauhan N, S AS, Asfahan S, Deokar K, Niwas R. Cotrimoxazole-induced SIADH - a unique challenge during treatment of pulmonary nocardiosis. *AdvRespir Med.* 2020;88(4):352-355.
24. Sureka B, Sinha A, Tak V, Garg MK, Bhatia PK, Bhardwaj P, Nag VL, Dutt N, Elhence A, Bhaskar S, Bishnoi A, Chauhan N, Bishnoi NR, Misra S. Customized personal protective equipment (PPE): Solution to conservation and management of supplies during the coronavirus disease 2019 (COVID-19) pandemic. *J Family Med Prim Care.* 2020 May 31;9(5):2180-2182.
25. Tiwari S, Garg PK, Patavardhan P, Chauhan NK, Bhaskar S, Khera PS. Pseudo-subarachnoid Hemorrhage in a Patient with Acute on Chronic Respiratory Failure. *Ann Indian Acad Neurol.* 2020 Sep-Oct;23(5):706-708
26. Niwas R, Chawla G, Chauhan N, Chabbra S. Unique technique of rescue ventilation in malignant critical airway obstruction during airway stenting. *Indian J Anaesth.* 2021 Feb;65(2):158-160.
27. Agarwal A, Mukherjee A, Kumar G, Chatterjee P, Bhatnagar T, Malhotra P; PLACID Trial Collaborators. Convalescent plasma in the management of moderate covid-19 in adults in India: open label phase II multicentre randomised controlled trial (PLACID Trial). *BMJ.* 2020 Oct 22;371:m3939.

Name of Faculty: Dr. Naveen Dutt

Designation: Additional Professor

Sessions Chaired:

1. Chairperson for panel discussion on “Symposium on Interstitial Lung Diseases (Sarcoidosis)” in Annual National Conference of Pulmonary Medicine, NAPCON-2020 on 29th January 2021.
2. Chairperson for panel discussion on “Symposium on Interstitial Lung Diseases” in the annual AIIMS Delhi Pulmonary and Critical Care Conference PULMOCRIT-2020 on 20TH March 2021.

Invited Lectures

1. Guest lecture in Annual National Conference of Pulmonary Medicine, NAPCON-2020 on “Acute Exacerbation of ILD” on 30th January 2021.
2. Invited as guest faculty for panel discussion on “Update on Management of Connective tissue diseases (CTD) associated ILD.” In AIIMS PULMONOLOGY COURSE (APC) 2020 on 4th October 2020 conducted by AIIMS Delhi.

Resource Faculty:

1. OSCE writing workshop conducted by NBE, in Delhi in February 2021

Research Project:

Principal -Investigator:

1. Assessment of Lung Volume in patients of interstitial Lung Disease and its correlation with respiratory physiological parameters.
2. An epidemiological prospective multicentric study of ACO diagnosis in patients previously diagnosed as COPD in India
3. Impact of COVID-19 in patients with pre-existing ILD.

Co-Investigator:

1. An international randomised trial of additional treatments for COVID-19 in hospitalized patients who are all receiving the local standard of care (WHO-ICMR sponsored).
2. Digital-ROSE in Endobronchial Ultrasound Guided Transbronchial Needle Aspiration (DEBUT Study).
3. Clinical course and predictors of severity in Adult Covid-19 Patients admitted in a tertiary level care hospital in Western Rajasthan.
4. Comparison of Sono-endoscopic needle aspiration of mediastinal lesions via tracheal (EBUS-TBNA) versus esophageal (EUS- B FNA) route using the same EBUS scope (The SMELTER Study).–A Prospective Randomized Control Study
5. Comparison of patient comfort during Endobronchial Ultrasound between Nasal versus Oral Route–A Prospective Randomized Control study.
6. Emotional Distress Among Health Professionals Involved in Care of Inpatients with COVID-19
7. Effectiveness and Suspected Adverse Effects of Chloroquine/Hydroxychloroquine in Covid 19 Positive Patients-A Prospective Observational Study.

National/ International Conferences attended:

1. NAPCON-2020

Workshops/ Conferences Organized

1. Conducted four NTEP Sensitization workshops as NTEP Nodal Officer for sensitization of AIIMS Jodhpur Residents regarding National Tuberculosis Elimination Program (NTEP) on 16,19,22 and 23rd March 2020.

Name of Faculty: Dr. Nishant Kumar Chauhan

Designation: Additional Professor

Resource faculty:

1. OSCE writing workshop conducted by NBE, in Delhi in February 2021

Invited Lectures

1. Faculty at 11th Annual virtual conference on “What’s new in Oncology 2020? Clinical guidelines Indian perspective” held on 12-13 December 2020 at Chennai.

Research Projects:

As Principal Investigator

1. WHO-ICMR Solidarity trial
2. Clinical course and predictors of severity in adult Covid-19 Patients admitted in a tertiary level care hospital in Western Rajasthan.
3. Role of ultrasound guided transthoracic closed pleural biopsy in diagnosis of exudative pleural effusions

As Co-Investigator

1. Comparison of Sono-endoscopic needle aspiration of mediastinal lesions via tracheal (EBUS-TBNA) versus esophageal (EUS- B FNA) route using the same EBUS scope (The SMELTER Study)–A Prospective Randomized Control Study

2. Expression of circulating miRNA 21 and 155 in patients with Bronchial Asthma and their association with lung function and treatment response in Indian population
3. Comparison of patient comfort during Endobronchial Ultrasound between Nasal versus Oral Route (EUNOR Trial)–A Prospective Randomized Control study”
4. Assessment of Lung Volume in patients of interstitial Lung Disease and its correlation with respiratory physiological parameters
5. Impact of COVID-19 in patients with pre-existing ILD
6. Emotional Distress Among Health Professionals Involved in Care of Inpatients with COVID-19
7. Effectiveness and Suspected Adverse Effects of Chloroquine/ Hydroxychloroquine in Covid 19 Positive Patients-A Prospective Observational Study.

National Conferences attended:

1. NAPCON 2020

Examinership-

1. MD thesis assessor for Respiratory Medicine at SN medical college, Jodhpur

Any other:

1. Invited as an external expert for faculty recruitment by J&K Public Service Commission in January 2021.

Name of Faculty: Dr. Ramniwas
Designation: Assistant Professor

Research Project:

Ongoing:

As Principal Investigator

1. Expression of circulating miRNA 21 and 155 in patients with Bronchial Asthma and their association with lung function and treatment response in Indian population–A Pilot Study, Intramural project, AIIMS Jodhpur.
2. Comparison of Sono-endoscopic needle aspiration of mediastinal lesions via tracheal (EBUS-TBNA) versus esophageal (EUS- B FNA) route using the same EBUS scope (The SMELTER Study).–A Prospective Randomized Control Study.
3. Comparison of patient comfort during Endobronchial Ultrasound between Nasal versus Oral Route–A Prospective Randomized Control study.

As Co-Investigator-

1. Role of ultrasound guided transthoracic closed pleural biopsy in diagnosis of exudative pleural effusions

Completed:

As Principal Investigator

1. Effectiveness and Suspected Adverse Effects Of Chloroquine/ Hydroxychloroquine in Covid 19 Patients-A Prospective Observational Study
2. To study active co-infections and their effect on morbidity and mortality in COVID – 19 patients

3. Emotional Distress Among Health Professionals Involved in Care of in patients with COVID-19.

As Co-Investigator:

1. A Phase II, Open Label, Randomized Controlled Trial to Assess the Safety and Efficacy of Convalescent Plasma to Limit COVID-19 Associated Complications in Moderate Disease.
2. Flexible Bronchoscopy During COVID-19 Pandemic- Initial experience at a tertiary care hospital in India.
3. Clinical Outcomes and Predictors of Severity in Adult Covid-19 Patients Admitted in a Tertiary Care Hospital in Western Rajasthan.
4. A pilot study to evaluate the detection of novel SARS CoV2 in salivary specimen for diagnosis of COVID-19
5. To assess the various imaging features of COVID-19 on Computed Tomography(CT) scan in moderate or severely symptomatic patients.
6. Multicentric study for classification of chest radiographs using artificial intelligence to differentiate COVID-19 from Non-COVID-19 at presentation
7. Role of ultrasound guided transthoracic closed pleural biopsy in diagnosis of exudative pleural effusion.

Membership/Post in Journal or Society or Association

1. Membership of American College of Chest Physician, USA

National/ International Conferences attended:

1. ERS Virtual Congress 2020, 30th International Congress of the European Respiratory Society,7-9Sept, 2020. (Online).
2. NAPCON 2020, Jan 27-31, 2021, Joint national conference of NCCP India and Indian Chest Society.(Online).
3. AIIMS-PULMOCRIT 2021:Update in Pulmonary, Critical Care and Sleep Medicine at the AIIMS New Delhi, 20-21st Mar 2021.(Online).
4. National ILD Summit 2020, 24-26 July 2020 (Online).
5. National CGR series on COVID-19- AIIMS, New Delhi.(Online).

Department of Radiation Oncology

S.No.	Name	Designation
1	Dr. Rakesh Kumar Vyas	Professor
2	Dr. Puneet Pareek	Additional Professor & Head
3	Dr. Bharti Devnani	Assistant Professor
4	Dr. Akanksha Solanki	Assistant Professor

About the Department

Patients with suspected or confirmed malignancy are seen in the OPD. A comprehensive care plan is prepared for each patient after the clinical workup and consultation. Joint and interdisciplinary care is coordinated for the patients and patients are often discussed in Joint Tumor Board Meetings.

Simple procedures as tapping of ascites, performing simple breast/ cervical biopsies are done in OPD.

The department has following equipment:

- Two functioning Dual Energy Linear Accelerator with facilities for 3DCRT, IMRT, IGRT, SRS, and SRT etc. Another unit of linear accelerator is being installed.
- An Ir192 HD Brachytherapy
- A 4D CT Simulator
- A Minor OT for Brachytherapy Procedures

Patients are currently offered radical and palliative care with radiation therapy, systemic chemotherapy, biological therapy, immunotherapy and palliative care. Pain medications as morphine are judiciously prescribes as per WHO pain management ladder.

In the IPD patients are admitted for procedures as Chemotherapy PORT insertions or Image guided biopsies with Department of Radiology, Intravenous Chemotherapies and Supportive Care etc.

The Department is delivering Radiation Treatments with various techniques as 3DCRT, IMRT, IGRT, SBRT, SRS, Extra-corporeal RT, Intra-cavitary and Interstitial brachytherapy etc.

More than 610 patients were treated on LINAC with radiation therapy, 132 patients received brachytherapy and more than 5000 admissions were made for various chemotherapy and systemic treatments in the department.

Department has also initiated per-op interstitial implant brachytherapy for soft tissue sarcomas

The Department participates in the MBBS and Nursing Teaching, PG teaching of Radiation and Surgical oncology, teaching of Medical officers through 'Training of Trainers' Programme as per the curriculum and in integrated teaching classes and UNCLE.

Compiled list of Publications of the department:

1. Pareek P, Vishnoi JR, Kombathula SH, Vyas RK, Misra S. Teleoncology: The Youngest Pillar of Oncology. JCO Glob Oncol. 2020 Sep; 6:1455-1460. doi: 10.1200/GO.20.00295. PMID: 32997540; PMCID: PMC7529505.
2. Banerjee S, Lim KHJ, Murali K, Kamposioras K, Punie K, Oing C, O'Connor M, Thorne E, Devnani B, Lambertini M, Westphalen B, Garrido P, Amaral T, Morgan G, Haanen J, Hardy C. The impact of COVID-19 on oncology professionals: Results of the ESMO Resilience Task Force survey collaboration. ESMO Open. 2021 Feb 4; 6(2):100058. doi: 10.1016/j.esmoop.2021.100058.

3. Shukla KK, Misra S, Sankanagoudar S, Sharma H, Choudhary GR, Pareek P, Vishnoi JR, Sharma P. Recent scenario of long non-coding RNAs as a diagnostic and prognostic biomarkers of prostate cancer. *UrolOncol*. 2020 Dec;38(12):918-928. doi: 10.1016/j.urolonc.2020.06.003. Epub 2020 Jul 1. PMID: 32622720.
4. Vishnoi JR, Sasidhar A, Misra S, Pareek P, Khera S, Kumar S, Jain A. Hepatoblastoma in a Young Adult: a Rare Case Report and Review of the Literature. *J Gastrointest Cancer*. 2020 Mar;51(1):319-324. doi: 10.1007/s12029-019-00256-3. PMID: 31140065.
5. Mittal A, Singh AP, Sureka B, Singh K, Pareek P, Misra S. Telemedicine during COVID-19 crisis in resource poor districts near Indo-Pak border of western Rajasthan. *J Family Med Prim Care*. 2020 Jul 30;9(7):3789-3790. doi: 10.4103/jfmpc.jfmpc_1041_20. PMID: 33102377; PMCID: PMC7567257.
6. Mittal A, Pareek P. Telephonic Triage and Telemedicine During the Peak of COVID-19 Pandemic - Restricting Exposure to Healthcare Professionals. *Indian Pediatr*. 2020 Oct 15;57(10):973-974. doi: 10.1007/s13312-020-2011-7. Epub 2020 Aug 11. PMID: 32788431; PMCID: PMC7605465.
7. Shadrach BJ, Vedant D, Vishwajeet V, Jain P, Dutt N, Surekha B, Pareek P, AbhayElhence P. Endobronchial pulmonary blastoma - an unusual presentation of a rare lung malignancy and review of literature. *Monaldi Arch Chest Dis*. 2020 Jul 30;90(3). doi: 10.4081/monaldi.2020.1462. PMID: 32729706.

Name of Faculty: Dr. Rakesh Kumar Vyas

Designation: Professor

Examinership:

1. External Examiners for MD Radiotherapy Paretical examination at SMS Hospital Jaipur, Dated 11 July 2020.
2. External Examiners for MD Radiotherapy Paretical examination at Sardar Patel Medical College & Associated Group of P.B.M Hospitals, Bikaner Dated 27 &28 June 2020.
3. MD Radiotherapy Practical Examination at Geetanjali Medical College Medical College, Udaipur Dated 20 June 2020.
4. MD Radiotherapy Practical Examination at Acharya Tulsi College Medical College, Bikaner on 27 and 28 June 2020

Resource Faculty:

1. Faculty at Training of Trainer (ToT) programme for the medical officers for 'Screening of common cancers'

Expert:

1. Expert for selection of Assistant Professor Radiotherapy Rajasthan Public Service Commission- March 2021
2. Expert for selection of Medical physicist at king George medical college Lucknow
3. Member of Enquiry Committee for purchase of Radiotherapy machine at AIIMS Rishikesh

Name of Faculty: Dr. Puneet Pareek
Designation: Additional Professor & Head

Research Project:

Ongoing:

As Principal Investigator

1. Evaluating the dynamics of breast cancer stem cells with apoptosis, necrosis, angiogenesis and cell cycle regulating miRNA (miR221-3p, miR133a-3p and miR9-5p) in patients undergoing systemic neoadjuvant of palliative chemotherapy for breast.

Resource Faculty:

1. Faculty at Training of Trainer (ToT) programme for the medical officers for 'Screening of common cancers'

Name of Faculty: Dr. Bharti Devnani
Designation: Assistant Professor

Book Chapter

1. Gupta S, Haresh KP, Devnani B. Basics Principles of Radiation Oncology. In: Multidisciplinary Approach to Surgical Oncology Patients, Ray MD (editor), Singapore 1st edition Springer 2021; 13-20

Invited Lectures

1. Discussant - Indian GI Cancer Congress on the topic 'Will neoadjuvant radiation by increasing pCR ultimately translate into a survival benefit in ca stomach? On 12th March 2021(online).
2. Speaker- CNS metastasis- Optimizing local therapy, improving systemic control from ESMO20 Education Weekend: for regional talk (Asia-Pacific) on 28th March 2020 (online)
3. Speaker- 'Global inequities in Cancer-Indian Perspective' by the OncoAlert Spotlight forum (online)

Resource Faculty:

1. Faculty at Training of Trainer (ToT) programme for the medical officers for 'Screening of common cancers'

Research Project:

Ongoing:

As Co-Investigator

1. Collaborator-3rd ESMO Resilience task force survey on The Impact of COVID-19: One Year on – Hopes for the Future?
2. Collaborator-ESMO Resilience task force Survey on the impact of Covid-19 on Oncology Professionals
3. Collaborator- Global survey of Social media and Virtual Meetings in the Covid-19 Era
4. Knowledge, Attitude and Practices (KAP) about Covid-19 in cancer patients

Scientific Awards/Patents

1. Awarded Core Committee member of membership committee of European Society for Medical Oncology (ESMO)

2. Invited for the 'Pan Asia ESMO Guidelines Adaptation project for Squamous cell carcinoma of the oral cavity, larynx, oropharynx and hypopharynx: EHNS-ESMO-ESTRO Clinical Practice Guidelines for diagnosis, treatment and follow-up' under the lead of the Korean Society of Medical Oncology

Membership/Post in Journal or Society or Association

1. New -Indian College of Radiation Oncology (LM-205)
2. ESMO membership (370286)

Editorial Board Member/Reviewer

1. Editorial board of 'Cancer Treatment and Research Communications' (Journal) effective from 24th Feb 2021
2. Editorial board of 'Translational Oncology' (Journal) since 2nd March 2021
3. Editorial board of 'Current Problems in Cancer- Case Reports' Journal since Feb 2021

National/ International Conferences attended:

1. Indian GI Cancer Congress (Virtual) on 12th and 13th March 2021

Name of Faculty: Dr. Akanksha Solanki

Designation: Assistant Professor

(DOJ- 15 Dec 2020)

Resource Faculty:

1. Faculty at Training of Trainer (ToT) programme for the medical officers for 'Screening of common cancers'

Department of Surgical Gastroenterology

S.No.	Name	Designation
1	Dr. Vaibhav Kumar Varshney	Associate Professor
2	Dr. Subhash Chandra Soni	Associate Professor
3	Dr. Selvakumar B	Assistant Professor

About the Department:

The department of Surgical Gastroenterology continued its constructive journey towards the well-being of patients as well as training of residents. State of the art facilities and equipment's, especially laparoscopy and robotic, are utilized to fulfill the need of patients with various gastrointestinal disorders. The department welcomed one new faculty in February'21 and hoping for its further expansion in future. During the COVID-19 pandemic, all the members of department continued to work towards the patient care and education of residents with utmost dedication.

Presently, the department has 6 senior residents pursuing M.Ch. in Surgical Gastroenterology. During the COVID-19 pandemic, online classes in the form of journal club, seminar presentation, and clinical case presentation were continued to prevent any break in the academic activities. Our 3rd year M.Ch. resident, Dr. Sreesanth K. S. received the award for best oral presentation at virtual IASGCON 2020.

Apart from this, the junior residents who are pursuing Post-graduation (M.S.) in the department of General Surgery were posted regularly on rotation basis. The department was also actively involved in the teaching of Undergraduate students through didactic lectures and problem based learning.

Our outpatient services are available on the 5th floor of OPD section, C block (Room No.-547-549). Our department policy remained to provide the fast-track treatment to all the patients of gastrointestinal disorders. During the pandemic, telemedicine consultations were given to both new and old patients to provide best possible care. Surgical interventions were prioritized for patients suffering from Gastrointestinal and HPB cancers after taking all necessary precautions. Total number of patients seen: 2832 [1203 (New) + 629 (Old)]

Bed strength for the department is **gradually increasing**. We have separate beds for male and female patients along with semi-private and private rooms. Records of all patients admitted, got treatment and discharged are maintained in a methodical way in computer software for easy access and follow up. Total IPD admissions: 568; Total Surgical procedures performed: 232 (Elective: 147, Emergencies: 85); Total number of mortalities: 24 (Operative-15)

Compiled list of Publications of the department:

Pubmed Indexed:

1. Sureka B, Jha S, Yadav A, Varshney V, Soni S, Vishnoi JR, Yadav T, Garg PK, Khera PS, Misra S. MDCT evaluation of pancreatic contour variations in head, neck, body and tail: surgical and radiological significance. *SurgRadiol Anat.* 2021 Mar 18.
2. Swami A, Varshney VK. Outcomes of Margin Status on Survival in Pancreatic Ductal Adenocarcinoma Receiving Neoadjuvant Therapy. *J Am Coll Surg.* 2021 Mar 12;S1072-7515(21)00128-9.
3. Soni S, Varshney V, Swami A, Sreesanth KS, Yadav T, Garg P. Minimal Invasive Esophagectomy: Feasibility in esophageal carcinoma with Inferior vena cava anomaly. *Ann Thorac Surg.* 2021 Mar 1;S0003-4975(21)00354-4.

4. Chawla S, Sureka B, Varshney VK, Nayar R, Sreesanth KS. A Rare Complication of Feeding Jejunostomy: Murky Waters of the Surgeons. *Cureus*. 2021 Jan 27;13(1):e12945.
5. Swami A, Yadav T, Varshney VK, Sreesanth KS, Dixit SG. Hepatic Arterial Variations and Its Implication During Pancreatic Cancer Surgeries. *J Gastrointest Cancer*. 2021 Feb 22.
6. Vishwajeet V, Soni S, Elhence P, Khera S. Giant lipoma of descending colon masquerading as a colonic malignancy. *BMJ Case Rep*. 2021 Feb 4;14(2):e237517. doi: 10.1136/bcr-2020-237517. PMID: 33542010
7. Varshney VK, Sreesanth KS, Kombade SP, Soni SC, Kaur N, Goel AD, Nag VL. Bacterial flora in the bile: Clinical implications and sensitivity pattern from a tertiary care centre. *Indian J Med Microbiol*. 2021 Jan;39(1):30-35.
8. Varshney VK, Swami A. Impact of biliary intervention rates during neoadjuvant therapy for pancreatic head adenocarcinoma. *HPB (Oxford)*. 2021 Apr;23(4):644.
9. Soni S, Elhence P, Varshney VK, Suman S. Primary squamous cell carcinoma of the ampulla of Vater: management and review of the literature. *BMJ Case Rep*. 2021 Jan 7;14(1):e236477.
10. Kaur N, Varshney VK, Kombade SP, Yadav T, Suman S, Garg PK, Nag VL. Splenic Abscess Caused by Salmonella Typhi: an Uncommon Presentation. *Jpn J Infect Dis*. 2021 Mar 24;74(2):166-168.
11. Varshney VK, Yadav T, Elhence P, Sureka B. Preoperative diagnosis of pancreatic schwannoma - Myth or reality. *J Cancer Res Ther*. 2020 Dec;16(Supplement):S222-S226.
12. Varshney VK, Nayar R, Sreesanth KS, Soni S, Varshney B. Emergency Pancreatoduodenectomy for Ampullary Cancer Post-Iatrogenic Duodenal Perforation: No Option but to Strike. *Cureus*. 2020 Nov 8;12(11):e11384.
13. Soni S, Swami A, Yadav T, Sreesanth KS, Varshney VK. Postcholecystectomy Duodenal Injury: Role of Conservative Management. *Cureus*. 2020 Oct 24;12(10):e11144.
14. Saluja SS, Mishra PK, Kiran S, Shah HJ, Chandrasekar S, Nayeem M, Sharma A, Varshney VK. Impact of lymph node staging systems in predicting outcome in patients with ampullary cancer. *Ann HepatobiliaryPancreat Surg*. 2020 Nov 30;24(4):484-495.
15. Varshney B, Elhence P, Soni S, Varshney VK, Yadav T, Saha S. Gallbladder Tuberculosis Presenting as Obstructive Jaundice. *ACG Case Rep J*. 2020 Jun 25;7(6):e00414.
16. Varshney VK, Sreesanth KS, Gupta M, Garg PK. Laparoscopic retrieval of impacted and broken dormia basket using a novel approach. *J Minim Access Surg*. 2020 Oct-Dec;16(4):415-417.
17. Varshney VK, Suman S, Garg PK, Soni SC, Khera PS. Management options for post-esophagectomy chylothorax. *Surg Today*. 2020 Sep 17. Epub ahead of print.
18. Swami A, Varshney VK. Comment on: Role of tumour location and surgical extent on prognosis in T2 gallbladder cancer. *Br J Surg*. 2020 Sep 16. Epub ahead of print.
19. Nayar R, Varshney VK. Biliary palliation for unresectable pancreatic adenocarcinoma. *HPB (Oxford)*. 2020 Aug;22(8):1225. Epub 2020 Jun 17.
20. Aneja J, Varshney VK, KS Sreesanth, Singhai K, Yadav T. Clozapine Triggering Cecal Volvulus in a Patient With Malrotation and Schizophrenia: Side Effect That Needs Emphasis. *Cureus*. 2020 May 5;12(5):e7971.
21. Nayar R, Varshney V, Suman S, Soni S, Kumar N. Thoracoscopic-Assisted Esophagectomy for Corrosive-Induced Esophageal Stricture. *Cureus*. 2020 May 1;12(5):e7909.
22. Saluja SS, Kumar A, Govind H, Varshney VK, Khullar R, Mishra PK. Splenectomy with endotherapy in non-cirrhotic portal fibrosis related portal hypertension: Can it be an alternative to proximal spleno-renal shunt? *Ann HepatobiliaryPancreat Surg*. 2020 May 31;24(2):168-173.
23. Varshney B, Bharti JN, Varshney VK, Yadav T. Mixed neuroendocrine-non-neuroendocrine neoplasms (MiNEN) of pancreas: a rare entity-worth to note. *BMJ Case Rep*. 2020 Apr 27;13(4):e234855.

Non-Pubmed Indexed:

1. Sureka B, Vishwajeet V, Elhence P, Varshney V, Yadav T. Microcystic pancreatic ductal adenocarcinoma: Myth or reality?. Indian J Med PaediatrOncol 2020;41:731-2
2. Soni S, Pareek P, Narayan S, Varshney VK. Mucinous cystic neoplasm of the liver (MCN-L): a rare presentation and review of the literature. Medicine and Pharmacy Reports. [Epub ahead of print] 25 Mar.2020
3. RodhaMS, MeenaSP, SoniSC, GargPK, Cardoz AV. Unpredictable Outcome Of Large Traumatic Oesophageal Injury: An Experience And Challenges. Journal Of Clinical & Diagnostic Research. Mar2021, Vol. 15 Issue 3, P9-10. 2p.

Name of Faculty: Dr. Vaibhav Kumar Varshney

Designation: Associate Professor

Papers Presented:

1. Vaibhav K Varshney, Sreesanth K S, SubhashSoni, Manish Gupta. Laparoscopic retrieval of impacted and broken dormia basket using novel approach (Video Presentation) at 50th Asia Pacific Advanced Network Meeting, August 2020
2. Vaibhav K Varshney, AasmaNalwa, Jyotsna N Bharti, TarunaYadav. Mucinous cystic neoplasm of liver masquerading as Hydatid cyst: An error needs to be avoided, at HBP Surgery week held in Seoul, Korea from March 25-27, 2021
3. Vaibhav K Varshney, SunitaSuman. Total Robotic Pancreatoduodenectomy with Pancreatico-jejunostomy by modified Blumgart technique at HBP Surgery week held in Seoul, Korea from March 25-27, 2021

Research Project:**Chief Investigator:**

1. Database creation for computational predictive analysis of treatment response assessment in Esophageal cancer patients in India (Extra Mural)
2. MicroRNA profiling in plasma and its correlation with tumour tissue and clinic-pathological parameters in Periampullary carcinoma (Intramural)
3. Neoadjuvant Chemotherapy VsChemoradiotherapy for Malignancy of Oesophagus: A Prospective comparative study (Intramural)
4. Robotic Pancreatoduodenectomy with Pancreatico-jejunostomy using modified Blumgart technique
5. Assessment of Splenic stiffness with Transient Elastography (Fibroscan) in Cirrhotic and Non-cirrhotic Portal Hypertension and its clinical implications

Co-Investigator:

1. Preoperative respiratory care and outcomes for patients undergoing high risk abdominal surgery (PENGUIN trial)
2. Cluster randomized trial of sterile glove and instruments change at the time of wound closure to reduce surgical site infection (ChEETAH)
3. Mutational analysis of periampullary cancer and its correlation with clinico-pathological parameters
4. Pilot study to correlate pancreatic remnant volume following pancreatoduodenectomy with pancreatic exocrine and endocrine insufficiency
5. Evaluation of the challenges and adaptation of surgeons while operating with Personal Protective Equipment during the surgeries performed in COVID-19 pandemic in a tertiary care centre

6. Evaluation of outcomes of enhanced recovery after surgery (ERAS) protocol in patients undergoing pancreatoduodenectomy – A prospective observational study
7. Pilot study to evaluate liver and splenic stiffness by fibroscan in patients with non-cirrhotic portal hypertension and its correlation with clinical and intervention outcomes
8. Can CT and MRI determine the origin of Periapillary Carcinoma?: Retrospective study to determine the key findings

Scientific Awards:

1. Awarded USD 300 by the Korean Association of HBP Surgery for presenting surgery video at HBP Surgery week held in Seoul - March 2021

Fellowships:

1. Awarded Fellowship of American College of Surgeons (FACS)- October 2020

National/ International Conferences attended:

1. Interactive CME: “Statistics in Health Research” on 29th June 2020, organized by SPH, AIIMS Jodhpur.(Online).
2. CME on Quality and Safety Conference –organized by American College of Surgeons held on August 21 - 24, 2020. (Online).
3. Annual conference of Clinical Robotic Surgery Association (India Chapter) held on 02-04th October 2020 (Online).
4. World Clinical Congress 2020 organized by American College of Surgeons on 3rd-7th October 2020 (Online).
5. 20th PGI – AIIMS “Current Perspectives in Liver Disease- CPLD – 2020”, organized on October 10-11th, 2020 (Online).
6. 15th Annual International Conference of Association of Minimal Access Surgeons of India (AMASICON 2020) held on 20th -22nd November 2020 (Online).
7. Workshop on “Endo-Lap Surgery in GI Practice with NBI & ICG” organized by Asia Pacific Endo-Lap Surgery on 6th-7th November 2020 (Online).
8. 14th World Congress of IHPBA organized by ANZHPBA on 27-29th November 2020(Online).
9. CME on Parenteral Nutrition in GI-Surgery patients organized by IASG on 12th December 2020(Online).
10. 8th National Bioethics Conference on theme “Crisis within a crisis: Scientific, ethical & humanitarian challenges of COVID-19” in December 2020 (Online).
11. 30thIASGCON 2020 (20th& 21st February 2021) organized by Sir Ganga Ram Hospital, New Delhi(Online).
12. 32nd meeting of Japanese Society of Hepato-Biliary-Pancreatic Surgery at Tokyo 2020 from 23rd to 24th February 2021
13. RAJSICON 2021, Rajasthan chapter of Indian Association of Gastroenterology, held in Ranthambore on 20-March-21
14. 54th Annual congress of the Korean Association of HBP Surgery and HBP Surgery week held in Seoul, Korea from March 25-27, 2021

Name of Faculty: Dr. Subhash Chandra Soni
Designation: Associate Professor

Papers Presented:

- 1 Intracholecystic papillary neoplasm presenting as hemobilia: A rare presentation of a rare entity. Indian Association of Surgical Gastroenterology Annual Conference (IASGCON) 2020. Department of Surgical Gastroenterology and Liver transplantation Sir Ganga Ram Hospital, New Delhi, 20- 22th Feb, 2021
- 2 Minimal Invasive Esophagectomy: Feasibility in esophageal carcinoma with double Inferior vena cava. SubhashSoni, VaibhavVarshney, Sreesanth. RaghavNayar, Ashish Swami. AMASICON 2020.New Delhi from 1st to 4th October 2020
- 3 Rare presentation of acute Intrathoracic Gastric volvulus organoaxial with traumatic left diaphragmatic hernia. SubhashSoni, RaghavNayar, Sreesanth K.S., VaibhavVarshney. AMASICON 2020.New Delhi from 1st to 4th October 2020.

Research Project:

Ongoing:

As Principal Investigator

1. Pilot study to correlate pancreatic remnant volume following pancreatico-duodenectomy with pancreatic exocrine and endocrine insufficiency.
2. Pilot study to evaluate liver and splenic stiffness by fibroscan in patients with non-cirrhotic portal hypertension and its correlation with clinical and intervention outcomes”
3. Evaluation of outcomes of enhanced recovery after surgery (ERAS) protocol in patients undergoing pancreatico-duodenectomy-a prospective observational study”.
4. Indocyanine green versus preoperative oral lipids in preventing thoracic duct injuries in minimally invasive esophagectomy for carcinoma esophagus-A prospective comparative pilot study

Scientific Awards/Patents

1. Fellowship in minimal access surgery (FMAS)

Membership/Post in Journal or Society or Association

1. Active member; The Association of Colon Rectal Surgeons of India

National/ International Conferences attended:

1. 14th world congress of International Hepato-Pancreatic- Biliary Association. Friday 27 November – Sunday 29 November 2020. (Online).
2. International conference of Association of minimal access surgeons of India” AMASICON 2020.New Delhi from 1st to 4th October 2020(Online).
3. 43rd Annual National Conference of Association of Colon & Rectal Surgeons of India (ACRSI).10th-11th October 2020.(Online).
4. Indian Association of Surgical Gastroenterology Annual Conference (IASGCON) 2020. Department of Surgical Gastroenterology and Liver transplantation Sir Ganga Ram Hospital, New Delhi, 20- 22th Feb, 2021.

Name of Faculty: Dr. Selvakumar B
Designation: Assistant professor

Research Project:

Ongoing:

As Co-Investigator

1. "International Snapshot Study on the Outcomes of Pancreatic Surgery – PancreasGroup.org"

Any other achievement of the department:

1. The total robotic choledochal cyst excision with Roux-en-Y hepaticojejunostomy was performed by our department. It was featured on the headlines of various newspapers as this procedure was accomplished for first time in the Rajasthan state.

Department of Surgical Oncology

S. No.	Name	Designation
1.	Dr. Jeewan Ram Vishnoi	Associate Professor
2.	Dr. D. Jayakumar	Associate Professor
3.	Dr. Dharma Ram Poonia	Assistant Professor
4.	Dr. Nivedita Sharma	Assistant Professor

About the Department

The Department of Surgical Oncology provides consultation for screening, diagnosis, surgical management, and follow up of the cancer patients. From 1st April 2020 to 31st March 2021, 4449 patients have visited our OPD for various surgical problems. We have a separate teaching room for undergraduate teaching in the same block. The major operation theaters are located in Modular OT Complex at 4th floor. The minor operation theaters are located in Trauma and Emergency OT complex. A total of 269 numbers of major surgical procedures were performed during this period. We have endo trainer facilities for laparoscopic procedures in the surgical skill lab located in the OT complex.

Out-Patient Department: Our OPD is presently working five days a week (Monday to Friday, in the A block, 5th floor of the OPD complex (Room no. 510-12). We do minor procedures or surgical procedures, including core cut, punch, and incisional biopsies and dressing, etc. in Room No. 501. Our department policy is to first evaluate the patients on the OPD basis who may need any surgical intervention and then admit through the waiting list. Patients are given a choice of either general or private or semiprivate ward. We run a Tumor Board meeting every Wednesday.

In-Patient Department: IPD wards are separate for male and female along with both general and special pay rooms (private or semiprivate). The patient is thoroughly evaluated, and history & examination is prepared by the resident as soon as the patient arrives. A printed discharge summary is handed over to all the patients. We are maintaining soft copies of all the data, including operative and discharge summary.

Surgeries: The department of surgical oncology has all the facilities required for the surgical treatment of cancer patients. Apart from the conventional open surgeries, we perform minimal access surgery with the help of laparoscopic techniques as well as da Vinci Robotic Surgical System.

Surgery	1 st April 2020 to 31 st March 2021
Major Operations	263
Robotic Surgeries	06
Minor operations / procedures	803
Total	1072

Compiled list of Publications of the department (Please ensure articles are not repeated):

Papers

Pubmed Indexed:

1. COVIDSurg Collaborative; GlobalSurg Collaborative. Timing of surgery following SARS-CoV-2 infection: an international prospective cohort study. *Anaesthesia*. 2021 Mar 9. doi: 10.1111/anae.15458. Epub ahead of print. PMID: 33690889.
2. COVIDSurg Collaborative, GlobalSurg Collaborative. SARS-CoV-2 vaccination modelling for safe surgery to save lives: data from an international prospective cohort study. *Br J Surg* 2021 Mar 24; znab101. <https://doi.org/10.1093/bjs/znab101> PMID: 33761533.

3. Vishnoi, J.R., Sasidhar, A., Kala, P. et al. Primary Synovial Sarcoma of the Anterior Chest Wall: a Rare Entity at Unusual Location—Case Report. *SN Compr. Clin. Med.* 3, 1066–1070 (2021). <https://doi.org/10.1007/s42399-021-00821-7>.
4. Sureka B, Jha S, Yadav A, Varshney V, Soni S, Vishnoi JR, Yadav T, Garg PK, Khera PS, Misra S. MDCT evaluation of pancreatic contour variations in head, neck, body and tail: surgical and radiological significance. *Surg Radiol Anat.* 2021 Mar 18. doi: 10.1007/s00276-021-02735-4. Epub ahead of print. PMID: 33738524.
5. Jain A, Vishnoi JR, Sasidhar A, Pareek P, Misra S. Ileocolocolic intussusception with multiple internal abdominal herniations complicated by multiple colonic perforations: an enigma. *ANZ J Surg.* 2020 Dec 23. doi: 10.1111/ans.16530. Epub ahead of print. PMID: 33368931.
6. Bharti S, Bharti JN, Vishnoi JR, Soudamini AB. A rare case of intraductal papilloma with atypical ductal hyperplasia in a male breast: A pathological diagnosis. *J Family Community Med.* 2020 Sep-Dec;27(3):216-218. doi: 10.4103/jfcm.JFCM_230_20. Epub 2020 Sep 25. PMID: 33354154; PMCID: PMC7745788.
7. Pareek P, Vishnoi JR, Kombathula SH, Vyas RK, Misra S. Teleoncology: The Youngest Pillar of Oncology. *JCO Glob Oncol.* 2020 Sep;6:1455-1460. doi: 10.1200/GO.20.00295. PMID: 32997540; PMCID: PMC7529505.
8. Bharti JN, Vishnoi JR. Goblet Cell Carcinoma—a Rare Tumour with Unusual Presentation. *J Gastrointest Cancer.* 2020 Aug 13. doi: 10.1007/s12029-020-00475-z. Epub ahead of print. PMID: 32789764.
9. Shukla KK, Misra S, Sankanagoudar S, Sharma H, Choudhary GR, Pareek P, Vishnoi JR, Sharma P. Recent scenario of long non-coding RNAs as a diagnostic and prognostic biomarkers of prostate cancer. *Urol Oncol.* 2020 Jul 1:S1078-1439(20)30265-9. doi: 10.1016/j.urolonc.2020.06.003. Epub ahead of print. PMID: 32622720.
10. Kombathula SH, Vishnoi JR, Pareek P, Vyas RK. A comment on the Sun et al trial 'Postoperative adjuvant IMRT for patients with HCC and portal vein tumor thrombus: An open-label randomized controlled trial'. *Radiother Oncol* 2020 Apr 7 (online first). doi: 10.1016/j.radonc.2020.03.042.
11. Thaduri A, Chadha L, Poonia D, Rajkumar K, Garg P. Oral cancer screening – A delphic horizon in India. *Oral Oncology.* 2021;116:105174.
12. Thaduri A, Sehrawat A, Poonia D, Singh M, Chowdhury N. Grade as prognostic variable in early tongue cancer patients: Are we getting off the track?. *Oral Oncology.* 2020;110:104812.
13. Thaduri A, Panuganti A, Poonia D, Singh M, Garg P. Relevance of Level IIb Neck Dissection in Patients with Head and Neck Squamous Cell Carcinomas. *World Journal of Surgery.* 2020;44(5):1691-1692.
14. Kaul P, Singh M, Poonia D, Jat B, Seenivasagam R, Agarwal S et al. A Single-Stage Reconstruction of Maxillectomy Defects with Temporalis Muscle Flap—Revisiting the Past. *Indian Journal of Surgery.* 2020;83(1):107-113.
15. Kaul P, Poonia D, Kottayasamy Seenivasagam R, Maharaj D, Jat B, Garg P et al. Technical Considerations and Outcome Analysis of Using Extended Bipaddle Pectoralis Major Myocutaneous Flaps for Reconstructions of Large and Complex Oral Cavity Defects: Expanding the Horizons. *Indian Journal of Surgical Oncology.* 2021;.
16. Poonia D, Mujumdar K, Seenivasagam R, Galwa R, Agrawal S. Regarding Versatility and Reliability of Islanded Pedicled Nasolabial Flap in Head and Neck Cancer Reconstruction. *The Laryngoscope.* 2020;130(9).
17. Sharma N, George NA, Sebastian P. Neurovascular Complications After Neck Dissection: a Prospective Analysis at a Tertiary Care Centre in South India. *Indian J Surg Oncol.* 2020 Dec;11(4):746-751

18. Malhotra C, Pawar R, Patni S, Sucheta, Kaushik M, Sharma N. Efficacy of Periareolar Versus Peritumoral Injection of TC99-Labelled Sulphur Colloid and Methylene Blue Dye for Detection of Sentinel Lymph Node in Patients with Early Breast Cancer: a Comparative Study. *Indian J Surg Oncol.* 2021 Mar;12(1):119-123
19. Jayakumar T. A rare case of sacral metastasis of unknown follicular thyroid carcinoma radiologically mimicking as chordoma. *Journal of Family Medicine and Primary care.* February 2021. Volume 10/issue-2 (Pub-Med-indexed)

Non-Pubmed Indexed:

1. Ram Poonia D, Sehrawat A, Gupta M. The Tale of Two C's, Cancer and COVID-19: Oncologist's Viewpoint from India. *Asian Pacific Journal of Cancer Care.* 2020;5(S1):143-146.
2. Poonia D, Rajappa S, Dewan A, Sehrawat A, Agrawal C, Venkata Pradeep Babu K. Exploring an Unfathomed Entry: A Pooled Analysis of Solitary Skeletal Muscle Metastasis from Head and Neck Squamous Cell Carcinoma. *Journal of Maxillofacial and Oral Surgery.* 2020;.
3. Poonia D, Singh D, Sunil H, Gandhi D, Rawal D. Management of Leiomyosarcoma of the Prostate: Unraveling a Hoax. *Current Problems in Cancer: Case Reports.* 2021;3:100068.
4. Poonia D, Bhati G, ram Choudhary T, Sehrawat A, Garg PK, Rajkumar K, Mishra N, Sundriyal D. A retrospective study about the oncological outcome of pelvic exenteration in recurrent/residual cervical cancer. *European Journal of Surgical Oncology.* 2021 Feb 1;47(2):e28-9.
5. Majumdar KS, Batra N, Nanda N, Singh A, Poonia DR, Joshi K. Post-Thyroidectomy Protracted Hypoparathyroidism: When Medicine Overhauls Surgery. *Annals Thyroid Res.* 2020;6(3):290-2.

Workshops/ Conferences Organized

1. Trainer of Trainer (ToT) screening of common cancer for the medical officers. Program by National Program for prevention and control of cancer, Govt of Rajasthan & AIIMS Jodhpur: AIIMS Jodhpur, Five days training program in various batches from Oct- March 2021.

Name of Faculty: Dr. Jeewan Ram Vishnoi

Designation: Associate Professor

Books/Chapters

Papers Presented:

1. Vishnoi JR, Jain A, Sharma N. Thoracoscopic repair of chylous fistula following esophagectomy. Association of Minimal Access Surgeons of India Conference (AMASICON) 2020; 20th-22nd Nov 2020, Virtual Platform. This video was chosen as a finalist under Best Video Category and won a Bursary Award of Rs. 10,000.
2. Jain A, Vishnoi JR, Sharma N. Expression levels of miR-221-3p, miR-133a-3p, and miR-9-5p and their clinicopathological correlation in oral squamous cell carcinoma. *Asian Oncology Society* 2020; 27th Nov- 2nd Dec 2020. (virtual) hosted at Philippines.
3. Vishnoi JR, Sasidhar A, Sharma N. Robotic Right Hemicolectomy With Intracorporeal Anastomosis and the use of ICG and firefly mode to ascertain blood supply - A short video presentation. *INDO-UK SURGICON* 2020; 15th-16th Oct 2020, Virtual platform. He won the Best Video Award in Robotic Video Category.
4. Sasidhar A, Vishnoi JR, Sharma N. Robotic extra-levator APR with Robotically harvested VRAM flap for pelvic floor reconstruction and the use of ICG to ascertain flap vascularity. Association of Minimal Access Surgeons of India Conference (AMASICON) 2020; 20th-22nd Nov 2020, virtual platform.

5. Sasidhar A, Vishnoi JR, Sharma N. Quality of life among breast cancer survivors in western Rajasthan: a prospective experience from a tertiary care hospital. Asian Oncology Society 2020; 27th Nov- 2nd Dec 2020. (virtual) hosted at Philippines.

Resource Faculty:

1. Finalization of medical equipment list and specifications of Surgical Oncology for 6 upcoming AIIMS at HLL Infra Tech Services Ltd (HITES), New Delhi.
2. Hospital Based Cancer Registry (HBCR) at AIIMS, Jodhpur and planning to initiate Population Based Cancer Registry (PBCR) in the region.
3. Training of Trainers for Medical Officers of Govt of Rajasthan Health Services under the National Program for Prevention and Control of Cancer, Diabetes, Cardiovascular Disease and Stroke
4. Purpose: To make awareness and early detection of common cancer (Oral, Breast & Cervical).

Research Project:

Ongoing:

As Co-Principal Investigator

1. ChEETAh Trial: Cluster randomised trial of sterile glove and instrument change at the time of wound closure to reduce surgical site infection (ChEETAh Trial), University of Birmingham, UK, Cristian Medical College, Ludhiana
2. PENgUIN Trial: Perioperative respiratory care and outcomes for patients undergoing high risk abdominal surgery (PENgUIN Trial) University of Birmingham, UK, Cristian Medical College, Ludhiana
3. International Snapshot Study on the Outcomes of Pancreatic Surgery – PancreasGroup.org
4. Establishment of DHR-ICMR Advanced Molecular Oncology Diagnostic Services (DIAMOnDS)
5. Multicentric Indian Pancreatic & Periampullary Adenocarcinoma Project (MIPPAP)

Completed:

As Principal Investigator

1. Covid Surg Cancer: Outcomes of elective cancer surgery during the COVID-19 pandemic crisis: an international, multicentre, observational cohort study (CovidSurg-Cancer) University of Birmingham, UK Cristian Medical College, Ludhiana
2. Covid Surg Study: Outcomes of surgery in COVID-19 infection: international cohort study (CovidSurg) University of Birmingham, UK Cristian Medical College, Ludhiana

As Co-Investigator

1. CovidSurg Week Study: Determining the the optimal timing for surgery following SARS-Cov-Infection.

Scientific Awards/Patents

1. FACS, Fellow of the American College of Surgeons (USA), American College of Surgeons (ACS) Clinical Congress 2020, 4th Oct 2020.
2. FMAS, Fellow of the Association of Minimal Access Surgeons of India, 15th Annual International Conference of the Association of Minimal Surgeons of India, 21st November 2020.
3. FAIS, Fellow of the Association of Surgeons of India, 80th Annual Conference of Association of Surgeons of India, 16th December 2020.

Membership/Post in Journal or Society or Association

1. International Member, Society of Surgical Oncology (USA), 2020
2. International Member, European Society of Medical Oncology (ESMO), 2020

3. Member, Editorial Board, Cancer Treatment and Research Communications (an Elsevier's Oncology Journal).

National/ International Conferences attended:

1. American College of Surgeons's (ACS) 106th Clinical Congress 2020, 3rd-7th October 2020, Virtual Platform.
2. Annual Conference of Clinical Robotic Surgery Association CRSA (India Chapter) 2020 2nd-4th October 2020, Virtual Platform.
3. 15th Annual International Conference of the Association of Minimal Access Surgeons of India (AMASICON) 2020, 20th-22nd November 2020, online.
4. 80th Annual Conference of The Association of Surgeons of India (ASICON) 2020 18th-21st December 2020, Virtual Platform.
5. 1st ISSPP PIPAC Onsite Physical Training Workshop and Course in India, 13th-14th March 2021, Bengaluru
6. 16th Annual Surgical Oncology Workshop ONCOSURG 2020, 11th-13th December 2020, Online Platform
7. Workshop on setting up a cancer registry IARC Regional Hub for Cancer Registration, Mumbai, India, 14th-19th Sep 2020, online.

Name of Faculty: Dr. Dharma Ram Poonia

Designation: Assistant Professor

Books/Chapters

1. K. Siva Prasad, Vikas Asati, Amit Sehrawat, Dharma Ram Poonia, and M. B. Minu Chandra. OSCEs Medical Oncology. In Clinical Oncology Viva Voce, OSCEs, and ESMO Exam Compendium, 1st Edition, Koyyala, Rajpurohit. Thieme Publication India 2020; 344-383

Papers Presented:

1. Poonia D, Bhati G, ram Choudhary T, Sehrawat A, Garg PK, Rajkumar K, Mishra N, Sundriyal D. A retrospective study about the oncological outcome of pelvic exenteration in recurrent/residual cervical cancer. ESSO- 40. 8th -11th Nov 2020, Portugal Virtual

Sessions Chaired:

Invited Lectures

1. A randomized phase III trial of systemic therapy plus early local therapy versus systemic therapy alone in women with de novo stage IV breast cancer: A trial of the ECOG-ACRIN Research Group (E2108). Regional Views on Practice Changing Guidelines from ASCO 2020, 28 Aug 2020, New Delhi- Virtual.

Resource Faculty:

1. "SAHYOG-India": Integration of digital technology in the cancer care continuum and beyond. VAIBHAV Summit 2020; 21th Oct 2020, AIIMS Rishikesh.
2. Trainer of Trainer (ToT) screening of common cancer for the medical officers. Program by National Program for prevention and control of cancer, Diabetes, Cardio vascular disease, Stroke by Govt of Rajasthan & AIIMS Jodhpur: AIIMS Jodhpur, Feb- March 2021.

Research Project:

Ongoing:

As Co-Investigator

1. CHEETAH - Sterile Glove and Clean Instrument Change at the Time of Wound Closure to Reduce Surgical Site Infection. UNIVERSITY OF BIRMINGHAM/ CMC Vellore
2. PENGUIN: perioperative respiratory care and outcomes for patients undergoing high risk abdominal surgery. UNIVERSITY OF BIRMINGHAM/ CMC Vellore
3. International snapshot study in the outcome of the pancreatic surgery (pancreasgroup.org).

Scientific Awards/Patents

1. Associate Fellow- College of Surgeon of America.

Membership/Post in Journal or Society or Association

1. Member: European Society of Surgical Oncology
2. Member: Federation of Head and Neck organization (FHNO)

National/ International Conferences attended:

1. ESMO Virtual Preceptorship: ESMO: Bladder and Kidney Cancer: 2-3 September 2020

Name of Faculty: Dr Nivedita Sharma

Designation: Assistant Professor

Papers Presented:

1. Vishnoi JR, Jain A, Sharma N. Thoracoscopic repair of chylous fistula following esophagectomy. Association of Minimal Access Surgeons of India Conference (AMASICON) 2020; 20th-22nd Nov 2020, Virtual Platform. This video was chosen as a finalist under Best Video Category and won a Bursary Award of Rs. 10,000.
2. Jain A, Vishnoi JR, Sharma N. Expression levels of miR-221-3p, miR-133a-3p, and miR-9-5p and their clinicopathological correlation in oral squamous cell carcinoma. Asian Oncology Society 2020; 27th Nov- 2nd Dec 2020. (virtual) hosted at Philippines.
3. Vishnoi JR, Sasidhar A, Sharma N. Robotic Right Hemicolectomy With Intracorporeal Anastomosis and the use of ICG and firefly mode to ascertain blood supply - A short video presentation. INDO-UK SURGICON 2020; 15th-16th Oct 2020, Virtual platform. He won the Best Video Award in Robotic Video Category.
4. Sasidhar A, Vishnoi JR, Sharma N. Robotic extra-levator APR with Robotically harvested VRAM flap for pelvic floor reconstruction and the use of ICG to ascertain flap vascularity. Association of Minimal Access Surgeons of India Conference (AMASICON) 2020; 20th-22nd Nov 2020, virtual platform.
5. Sasidhar A, Vishnoi JR, Sharma N. Quality of life among breast cancer survivors in western Rajasthan: a prospective experience from a tertiary care hospital. Asian Oncology Society 2020; 27th Nov- 2nd Dec 2020. (virtual) hosted at Philippines.

Resource Faculty:

1. Training of Trainer (ToT) Screening of Common Cancers for the Medical Officers] [Programme by National Program for Prevention and control of cancer, diabetes, cardiovascular disease and stroke, Government of Rajasthan and AIIMS] [AIIMS, Jodhpur], [5 day training programme in various batches from February-June 2021

Research Project:

Ongoing:

As Co-Investigator

1. ChEETAh Trial: Cluster randomised trial of sterile glove and instrument change at the time of wound closure to reduce surgical site infection (ChEETAh Trial), University of Birmingham, UK, Cristian Medical College, Ludhiana
2. PENgUIN Trial: Perioperative respiratory care and outcomes for patients undergoing high risk abdominal surgery (PENgUIN Trial) University of Birmingham, UK, Cristian Medical College, Ludhiana
3. International Snapshot Study on the Outcomes of Pancreatic Surgery – PancreasGroup.org

Membership/Post in Journal or Society or Association

1. Member, Association of Breast Surgeons of India, ABSI

National/ International Conferences attended:

1. ONCOSURG 2020- 16th Annual Surgical Oncology Workshop, Tata Memorial Centre (Virtual),11-13 Dec 2020
2. 6th Edition of year in Review: Breast Cancer Conference, Tata Memorial Centre, (Virtual), 11-15 Jan 2021
3. TATA EBM 2021, Tata Memorial Centre, (Virtual) ,26-28 Feb 2021
4. ISOCAN – 2nd Mid Term Conference, Indian Society of Oncology, (Virtual), 3-4 April, 2021

Name of Faculty: Dr. D. Jayakumar

Designation: Associate Professor

National/ International Conferences attended:

1. One-week online training program on Biostatistics for Medical Professionals-Science Tech Institute, 02-08 November 2020
2. 15th Annual International Conference of Association of Minimal Access Surgeons of India (AMASICON 2020), 20-22 November 2020.
3. 16th Annual Live Surgery Workshop ONCOSURG 2020, 11-13 December 2020.



Group photograph of the first Batch of MCh Surgical Oncology residents



Participants in Training of Trainers (ToT) program of Medical Officers of Govt. of Rajasthan

Department of Transfusion Medicine & Blood Bank

S.No.	Name	Designation
1	Dr. Archana Bajpayee	Additional Professor
2	Dr. Saptarshi Mandal	Associate Professor
3	Dr. Anubhav Gupta	Assistant Professor

About the Department:

The Department of Transfusion Medicine & Blood Bank has completed six years and recently been successfully licensed. The department has been engaged all apheresis procedures via erythrocytapheresis (Red Cell Exchange), granulocytophoresis, leucocytophoresis, LDL apheresis, plasma apheresis, platelet apheresis and therapeutic plasma exchange.

The Department of Transfusion Medicine provides a gamut of transfusion services including patient blood management, apheresis treatment modalities and autologous cellular products like PRF, CGF, PRP etc. apart from the basic functioning of provision of blood components to AIIMS and other hospitals in Jodhpur. The Hospital Transfusion Committee of AIIMS Jodhpur was instrumental in increasing voluntary donations, minimizing unnecessary prophylactic transfusions, implementation of restrictive transfusion thresholds; single unit transfusion policy and use of autologous blood during surgeries. In COVID-19 pandemic where lockdown and Janta Curfew have halted the mass gathering and no blood donation camps were allowed, the department had taken initiative in recruiting voluntary donors from AIIMS faculty, residents and hospital staff. Department had also issued voluntary blood donation passes to donors for altruistic blood donation through following Covid-19 guidelines at AIIMS Jodhpur.

Between April 2020 to March 2021, 5143 donors were screened and 4558 donated (15% increase over the last year), of which 94 were apheresis donors. The ID-NAT laboratory of AIIMS Jodhpur has been functioning as a centralized testing center for other government hospitals in Rajasthan for the provision of NAT tested PRBC for thalassemia patients. Around 12,000 samples have been tested in the past year under this program. During this financial year 9465 components were issued (17% increase) including 4211 PRBCs (12% increase), 2877 FFP (24% increase), 1983 RDP (17% increase), 33 SDAPs, 149 Cryoprecipitate and 144 Convalescent plasma.

The department successfully completed training for its Second Batch of MD Transfusion Medicine candidate and three more MD batches are under training. One student from each of first three batches have received prestigious ICMR MD Thesis award, including the 3rd batch receiving it last year. Faculty and residents from the department have participated in young transfusion professional forum teaching learning activities. Residents from the department are also actively involved in attending educational sessions from transfusion experts through virtual classes. Departmental seminars and internal assessment exams are regularly carried out for enriching and nourishing the residents. This year Transfusion Medicine residents have attended National Conference ISBTI Transcon 2021 and have secured 3rd place in National Quiz Competition, ISBTI fellowship award for best paper and 2nd prize in poster presentation.

Compiled list of Publications of the department

Papers

Pubmed Indexed:

1. Nair R, Anne PB, Mishra PK, Goel AD, Archana B. Quality improvement interventions for Bedside Transfusion safety: An experience from a tertiary healthcare centre of Western India. ISBT Science Series.
2. Agarwal A, Mukherjee A, Kumar G, Chatterjee P, Bhatnagar T, Malhotra P. Convalescent plasma in the management of moderate covid-19 in adults in India: open label phase II multicentre randomised controlled trial (PLACID Trial). *bmj*. 2020 Oct 22;371.

3. Singh, S., Mandal, S., Chugh, A. et al. Clinical Post-operative Bleeding During Minor Oral Surgical Procedure and In Vitro Platelet Aggregation in Patients on Aspirin Therapy: Are they Coherent? J. Maxillofac. Oral Surg. Volume 20, Issue 1 (2020).
4. Gupta A, Chaudhary K, Bhatta A, Swain B, Prasad H, Kakkar B, Asati S. Role of Therapeutic Plasma Exchange in Resolution of Hyperhemolysis in a Patient Living with HIV/AIDS (PLHA) Diagnosed with Paroxysmal Cold Haemoglobinuria: A Case Report". Indian Journal of Hematology and Blood Transfusion. 2021 Apr;37(2):318-23.
5. Gupta A, Chaudhary K, Pokhrel A, Sachdeva P, Varshney S, Arora H, Asati S. Large Fibrinous Coagulum in the Platelet Bag: A Hint Towards Bacterial Contamination. Indian Journal of Hematology and Blood Transfusion. 2021 Apr;37(2):337-8.
6. Mandal S et al. "A safe, effective and often forgotten modality for emergent treatment of myeloproliferative isolated thrombocytosis: interesting learning points from therapeutic plateletapheresis of two Polycythemia Vera patients." Poster in ASFA (American Society for Apheresis) annual meeting 2020. Abstract published in Journal of Clinical Apheresis, Volume 35, Issue 6: November 2020.

Non-Pubmed Indexed:

1. Hazra, Asmita, SaptarshiMandal, and Jayati Chakraborty. "Relationship of Neutrophil Lymphocyte Ratio (NLR) with Parathyroid Hormone (PTH) in Maintenance Hemodialysis Patients." Tropical Journal of Pathology and Microbiology. Volume 7, Issue 1 (2021): 17–25.
2. Hazra, Dr Asmita, Dr Saptarshi Mandal, Dr Seema L. Jawalekar, DrJairamRawtani, and MsMinalMarlecha. "Study of Knowledge, Perception, and Practice of Patients Regarding Fasting Requirements for Blood Glucose Testing." International Journal of Medical Research and Review. Volume 9, Issue.

Name of Faculty: Dr. Archana Bajpayee
Designation: Additional Professors

Invited Lectures:

1. Invited Speaker for National Webinar of YPF (Indian Society for Transfusion Medicine Young Professionals Forum): Topic: Patient Blood Management on October 21, 2020 (Online)

Resource Faculty:

1. Panelist in TRANSCON-2020 45th Annual National Conference Indian Society of Blood Transfusion & Immunohematology held during 27 February- 28 February 2021 at Tamil Nadu. (Online)

Research Project:

Ongoing:

As Principal Investigator

1. Extramural: Received 7.5 lakhs Grant from National Health Mission, "Research study on Patient Blood Management in Rajasthan State"

As Co-Investigator:

1. Intramural "A quantitative assessment of changes in Inflammatory cytokines in patients undergoing cardiac surgeries with allogenic and autologous blood transfusion".

Completed:

As Co-Investigator:

1. Extramural ICMR funded "Convalescent plasma in the management of moderate covid-19 in adults in India: open label phase II multicenter randomised controlled trial (PLACID Trial)".
2. "Red Cell alloimmunization among antenatal women in AIIMS Jodhpur and their foeto-maternal outcome"

Examinership

1. Examiner for MD thesis evaluation AIIMS, Rishikesh
2. Examiner for Paper setting MD Transfusion Medicine, AIIMS, Rishikesh
3. Examiner for thesis evaluation of MD Transfusion Medicine, AIIMS Delhi
4. Internal Examiner in MD Transfusion Medicine, AIIMS Jodhpur

Membership/Post in Journal or Society or Association

1. Reviewer in Asian Journal of Transfusion Science
2. Reviewer of Journal of Indian academy of Geriatrics

National/ International Conferences attended:

1. TRANSCON-2020 45th Annual National Conference Indian Society of Blood Transfusion & Immunohematology, Tamil Nadu, 27 February- 28 February 2021 (online)

Name of Faculty: Dr. Saptarshi Mandal

Designation: Associate Professor

Poster Presented:

1. Mandal S et al. "A safe, effective and often forgotten modality for emergent treatment of myeloproliferative isolated thrombocytosis: interesting learning points from therapeutic plateletapheresis of two Polycythemia Vera patients." Poster in ASFA (American Society for Apheresis) annual meeting 2020. Abstract published in Journal of Clinical Apheresis, Volume 35, Issue 6: November 2020.

Invited Lectures

1. "Apheresis in Small Children including Infants: Challenges & Solutions" as an Invited Speaker for live event National Webinar of YPF (Indian Society for Transfusion Medicine Young Professionals Forum) on 13th Aug 2020 (Online).

Symposium Speaker

1. Invited Speaker for "Angiogenesis and vascular remodeling in Inflammatory Arthritis" at the Indian Stem Cell Study Group (ISCSG) Association's 4th Biennial International ISCSGCON 2021 & CME on regenerative Sciences on 13th to 14th February 2021 at AIIMS Raipur.
2. Invited Speaker for "Year in review 2020", critically appraising the emerging field of mitochondrial transplant at the ISBTI National Conference Transcon 2021. (Online)

Research Project:

Completed:

As Co-Investigator

1. Co-Investigator: MiR-24 and Th17/Treg-imbalance as markers for disease activity in patients with rheumatoid arthritis and its correlation with clinical assessment of disease activity.
2. Co-Investigator: A split scalp and face study to evaluate the effects of Platelet Rich Plasma (PRP) prepared and activated by two different methods in Androgenetic Alopecia and Periorbital hyperpigmentation.
3. Co-Investigator: Post-operative bleeding in patients on Aspirin therapy regimens: A observational study.

Examinership

1. MD Transfusion Medicine Internal Examiner at AIIMS Jodhpur June 2020

Membership/Post in Journal or Society or Association

1. Reviewer for SERB/Department of Science & Technology (DST)
2. AABB (American Association of Blood Banks): Provider for CME at AABB education website.
3. ASFA (American Society for Apheresis):Member International Affairs Committee
4. YPF (ISTM Young Professionals Forum): Webinar Speaker
5. ISTH (International Society on Thrombosis & Hemostasis): Member Scientific Subcommittees on Platelet Function &vWF

National/ International Conferences attended:

1. American Society for Apheresis (ASFA) Sep 2020. (Online)
2. Indian Stem Cell Study Group (ISCSG) Association's 4th Biennial International ISCSGCON 2021 & CME on regenerative Sciences on 13th to 14th February 2021 at AIIMS Raipur.
3. Indian Society for Blood Transfusion and Immunohematology (ISBTI) National Conference Transcon 2021 (Online)

Name of Faculty: Dr. Anubhav Gupta

Designation: Assistant Professor

Research Project:

Ongoing:

Co- Investigator

1. **Extramural:** National Health Mission, "Research study on Patient Blood Management in Rajasthan State"

Department of Trauma & Emergency

S.No.	Name	Designation	Specific Department
1	Dr. Mahaveer Singh Rodha	Additional Professor	General Surgery
2	Dr. Ankur Sharma	Associate Professor	Anesthesiology
3	Dr. Kamla Kant Shukla	Associate Professor	Biochemistry
4	Dr. Rahul Choudhary	Associate Professor	Cardiology
5	Dr. Nilesh Barwar	Associate Professor	Orthopedics
6	Dr. Bharat Choudhary	Associate Professor	Pediatrics
7	Dr. Aniket Dave	Assistant Professor	Burns and Plastic
8	Dr. Amit Kumar Rohila	Assistant Professor	General Medicine
9.	Dr. Manisha Jhirwal	Assistant Professor	Obstetrics and Gynaecology

About the Department:

The Trauma & Emergency department started in September 2017. The initial footfall in the emergency was low but with sustained efforts of faculty members and proper protocols, the department has become well-equipped to tackle various types of patients. The Current triage and resuscitation areas are fully equipped with state-of-the-art ventilators, defibrillators etc. Currently Emergency care for Trauma, Surgery, medicine and pediatric patient are managed under one roof. There is a provision of separate counter for Triage of patients. Pediatric patients are managed by dedicated pediatric team. In AIIMS Emergency ATLS/ACLS protocols are in place.

The average footfall of emergency patient in year 2020-2021 was 1868 per month.

In COVID-19 pandemic situation, the emergency was the most sensitive area for rapid response. To protect health care workers and patients, we created a provision for 24 hours screening counter with dedicated personnel in full PPE. All patients who reached the Emergency, were rapidly evaluated clinically and details documented in the ICMR screening form.

Compiled list of all Publications of the department:

Papers

PubMed Indexed:

- Lodha M, Badkur M, Garg P, Puranik A, Chaudhary R, Rodha MS, et al. Does laparoscopic hernia repair affect the vascularity of testis? J Family Med Prim Care 2020;9:2465-8.
- Rodha M, Meena SP, Kompally P V, Badkur M et al. Primary Malignant Melanoma of the Breast in the Axillary Tail of Spence: a Rare Case Report. Indian J Surg (2020).
- Meena SP, Raj R, Puranik A, Kompally PV. Primary echinococcal cyst in Trapezius muscle: An unusual intermuscular hydatidosis and review of literature. J Family Med Prim Care 2020;9:5055-7. DOI: 10.4103/jfmpc.jfmpc_899_20. 18.
- Meena S P, Jhirwal M, Puranik A K, Sharma N, Rodha M S, Lodha M, Badkur M. Awareness and experience of health-care workers during coronavirus disease 2019 pandemic. J Edu Health Promot 2021, 10:110. DOI: 10.4103/jehp.jehp_874_20.
- Goswami D, Nisa N, Sharma A, Dadhwal V, Baidya DK, Arora M. Low-Dose Ketamine for Outpatient Hysteroscopy: A Prospective, Randomised, Double-Blind Study. Turk J Anaesthesiol Reanim. 2020 Apr;48(2):134-141.

6. Sharma A, Vyas V, Goyal S, Bhatia P, Sethi P, Goel AD. Nasogastric tube insertion using conventional versus bubble technique for its confirmation in anesthetized patients: a prospective randomized study. *Braz J Anesthesiol*. 2021 Mar 22;S0104-0014(21)00099-3.
7. Sharma A, Kumar S, Jain N, Vyas V, Goyal A, Goyal S. Airway in the Airway. *Turk J AnaesthesiolReanim* 2021; 49(1): 90-1.
8. Vyas V, Sharma A, Goyal S, Kothari N. Infrared vein visualization devices for ease of intravenous access in children: hope versus hype. *Anaesthesiol Intensive Ther*. 2021;53(1):69-78.
9. Kaur M, Sethi P, Sharma A, Balakrishnan N, Bhatia P. Trial and Tribulations of Anaesthesia Residency Programme during the COVID-19 Pandemic: A Resident Perspective. *Turk J AnaesthesiolReanim*. 2020 Dec;48(6):514-515.
10. Vyas V, Sharma A. An Urgent Need to Color Code Vials and the Corresponding Delivery Devices for the Concentration of Insulin. *J Diabetes Sci Technol*. 2021 Jan;15(1):186-187.
11. Rajpurohit V, Chaudhary K, Kishan R, Kumari K, Sethi P, Sharma A. Bi-spectral index-guided comparison of propofol versus etomidate for induction in electroconvulsive therapy. *Anesth Essays Res* 2020;14:504-9
12. Kumar R, Sharma A, Bansal R, Kamal M, Sharma L. Re: Is Erector Spinae Plane Block Useful in Preventing the Transition from Acute to Chronic Pain After Multiple Rib Fractures? *Turk J AnaesthesiolReanim*. 2020 Apr;48(2):169.
13. Sharma A, Vyas V. Global contribution of Indian authors in various critical care journals: An Eye-opener. *Saudi J Anaesth*. 2020 Apr-Jun;14(2):271-272. doi: 10.4103/sja.SJA_691_19. Epub 2020 Mar 5. PMID: 32317897; PMCID: PMC7164474.
14. Shukla KK, Misra S, Sankanagoudar S, Sharma H, Choudhary GR, Pareek P, Vishnoi JR, Sharma P. Recent scenario of long non-coding RNAs as a diagnostic and prognostic biomarkers of prostate cancer. *UrolOncol*. 2020; S1078-1439(20)30265-9. PMID: 32622720.
15. Abhilasha B, Mitra P, Suri S, Saxena I, Shukla R, Shukla KK, Sharma P. Increased serum IL-18 levels and IL-18R expression in newly diagnosed type 2 diabetes mellitus". *Minerva Endocrinologica* 2020, DOI: 10.23736/S0391-1977.20.03271-X.
16. Singh RS, Singh AK, Shukla KK, Tripathi AK. COVID-19 Pandemic: Evidences from Clinical Studies" *Journal of Community and Public Health Nursing* 6 (4):251; 2020.
17. Barwar N, Rai A. Delayed Slipped Capital Femoral Epiphysis Following Septic Arthritis of a Hip: A Case Report. *J Orthop Case Rep*. 2021 Feb;11(2):99-101. doi: 10.13107/jocr.2021.v11.i02.2044. PMID: 34141681; PMCID: PMC8180325.
18. Barwar N. Post-traumatic L4-L5 spondyloptosis with caudaequina syndrome: A case report. *Trauma Case Rep*. 2021 Apr 21;33:100475. doi: 10.1016/j.tcr.2021.100475. PMID: 34027001; PMCID: PMC8121696.
19. Debbarma, Roma et al. "Nebulized Magnesium Sulphate in Bronchiolitis: A Randomized Controlled Trial." *Indian journal of pediatrics*, 1–6. 27 Mar. 2021, doi:10.1007/s12098-021-03695-8.
20. Choudhary B, Goyal JP. Management Concern for Non-COVID Children During the COVID Pandemic [published online ahead of print, 2020 May 4]. *Indian Pediatr*. 2020;S097475591600173.
21. Toteja N, Khera D, Sasidharan R, Choudhary B, Singh K. Enteric Fever Precipitating Myxedema Crisis [published online ahead of print, 2020 May 12]. *Indian J Pediatr*. 2020;10.1007/s12098-020-03287-y. doi:10.1007/s12098-020-03287-y
22. Jhirwal M, Singh P, Sharma C, Khera P. Herlyn-Werner-Wunderlich (HWW) syndrome with kyphoscoliosis: a rare urogenital anomaly in a teenage girl. *BMJ Case Reports CP*. 2021 Mar 1;14(3):e238688.
23. Meena S P, Jhirwal M, Awareness and experience of health care workers during Covid 19 pandemic. *J Edu Health Promot* 2021;10:110.

24. Mathew PS, Shekhar S, Jhirwal M, Goyal M, Singh P, Sharma C. Barbed Suture Versus Polyglactin Suture for Laparoscopic Closure of Vaginal Vault after Total Laparoscopic Hysterectomy: A Prospective Observational Comparison. *Journal of Gynecologic Surgery*. 2021 Feb17.
25. Sharma C, Singh P, Shekhar S, Jhirwal M, Ghuman NK, Gothwal M, Yadav G, Kathuria P. 'How COVID 19 imposed a new normal outlook in reproductive health care of patients, research, teaching and assessment'-Perspective of a Gynecologist. *Journal of Family Medicine and Primary Care*.2020; 9(12):5858.
26. Shekhar S, Goyal S, Goel M, Sharma C, Jhirwal M. Medium-Term Anatomical and Functional Results of Isolated Laparoscopic Sacrocolpopexy for Female Pelvic Organ Prolapse during the Early Learning Curve. *The Journal of Obstetrics and Gynecology of India*.2020;1-4.
27. Sharma C, Singh P, Arora IK, Bhardwaj A, Saini A, Gothwal M, Jhirwal M. Assessment of understanding about human papilloma virus vaccination among undergraduate medical students in a developing country: Perspective from India. *J Family Med Prim Care* 2020;9:4311-6.

Non-PubMed Indexed:

1. Lodha M, Badkur M, Puranik A, Chaudhary R, Rodha MS, Satya P, Kompally P. Knowledge of body mass index and its correlates among the patient at a tertiary care hospital. *Int J Res Med Sci* 2020;8:3924-7.
2. Badkur M, Baskaran S, Prakash S, Kishore L, Lodha M, Rodha M, et al. Traumatic retained hemothorax: is it time for video assisted thoracoscopic surgery. *IntSurg J* 2020;7(11):3880-84.
3. Kumar R, Puranik A, Meena S, Rodha M, Chaudhary R, Badkur M et al. Ultrasonic Dissection without Cystic Artery Clipping Versus Classical Electro-Dissection in Laparoscopic Cholecystectomy: A Randomized Control Trial. *Int J Surg Med*. 2021; 7(1): 10-15.
4. Meena S, Rodha M, Badkur M, Lodha M, "Unusual location of subcutaneous dermoid cyst in breast: A case report", *IJMSIR- April - 2020, Vol – 5, Issue -2, P. No. 205 – 208*.
5. Meena SP, Patel S, Rodha M S, Lodha M. Non-Traumatic Femoral Artery Pseudo-Aneurysm: A Rare Presentation. *Ijmsdr* 2020; 4(4):05-07. NLM ID: 101738825 Online ISSN: 2581-3935
6. Meena SP, Rodha MS, Badkur M, Lodha M. Unusual location of subcutaneous dermoid cyst in breast. *Ijmsir* 2020;5(2):205-8 NLM ID: 101731606
7. Sarangi S, Khera S, Elhence PA, Meena SP, Yadav T, Madhubala. Pilomatrical carcinoma of the scalp in a setting of pilomatricoma and Trichilemmal cyst- a Rare Entity. *Indian J Surg* 2020; DOI:10.1007/s12262-020-02166-2
8. Garg PK, Tiwari S, Babu S, Rodha MS, Meena SP, Khera PS. Preoperative percutaneous Glue of Giant Chest wall Arteriovenous Malformation. *Indian J Surg* 2020; DOI: 10.1007/s12262-020-02258-z
9. Rodha M S, Meena S P, Soni S C, Garg P K, Cardoz A V. Unpredictable Outcome of Large Traumatic Oesophageal Injury: An Experience and Challenges. *Journal of Clinical and Diagnostic Research*. 2021 Mar, Vol-15(3): PD09-PD10. DOI: 10.7860/JCDR/2021/46994.14659
10. Rashmisharma, B.T, P.Elhance. M.S.Rodha, B.Surekha. Eosinophilic solid and cystic renal cell carcinoma:from unclassified to classified, A case report: *tjpath*.2021.01531
11. N.R. A.Sinha,M.S.Rodha,N.Dutt:Assessing Continuum Of Trauma Care For Road Accident Victim In Jodhpur, Rajasthan. September 2020.*The European Journal Of Public Health* 30(Supplement_5)
12. Sinha, R. Saxena, M. Pathak, Mahaveer Singh Rodha: Conjoined Thoracopagus Twins Our Experience of Successful Separation, *Journal of Indian Association of Pediatric Surgeons / Volume XX / Issue XX / Month 2020*.
13. Sharma RS, Agha M, Vyas R, Bhatia P, Sharma A. Prolonged analgesic effect of ultrasound-guided bilateral transversus abdominis plane block in pediatric patients. *Indian J Pain* 2020;34:47-9

14. Sethi P, Kumar R, Gupta SK, Sharma A. Ketamine and lignocaine in airway trauma: Boon for anesthesiologists. Indian Anaesth Forum 2021;22:103-4
15. Rapeti KM, Paliwal B, Sharma A, Kamal M, Bhatia P. Neuromyelitisoptica: An anesthetic challenge. Indian Anaesth Forum 2021;22:94-6
16. Mital T, Sharma A, Kaur M, Bhatia P. Paraquat poisoning: Case fatality due to a catastrophic respiratory involvement. Indian Anaesth Forum 2021;22:101-2
17. Rapeti KM, Sharma A, Taye S, Sethi P. Multidrug allergy syndrome and anesthetic challenges. Indian Anaesth Forum 2021;22:106-7
18. Barwar N, Sharma B. Asymptomatic extrusion of anterior cervical spine implant from hypopharynx: a case report. J Turk Spinal Surg 2020;31(3):188-91
19. Jhirwal M, Sharma C, Kathuria P, Shekhar S. Spontaneous Fetal Intracranial Haemorrhage: Scrutinizing the inscrutable. JCDR 2020; 15 (2)QD03-QD04.
20. Sharma C, Bansal S, Shekhar S, Jhirwal M, Patwa P. Immune Thrombocytopenia causing Abnormal Uterine Bleeding in an Adolescent Girl having Co-Existent Type-1 Neurofibromatosis- Is it an Association or Coincidence? JCDR.2020; Vol- 14(11): QD01-QD03
21. Jhirwal M, Shekhar S, Sharma C, Tak A. Sex cord stromal tumor of ovary masquerading as polycystic ovarian syndrome. Int J Reprod Contracept Obstet Gynecol 2020;9:2616-8

Name of Faculty : Dr. Mahaveer Singh Rodha

Designation : Additional Professor

Department of General Surgery

Sessions Chaired:

1. Operative session, ASICON 2020, 18.12.2020, Virtual Conference.
2. Best paper session, ASICON 2020, 19.12.2020, Virtual Conference.
3. Trauma, TRAUMA 2020 Virtual national conference, JPNA Trauma center AIIMS Delhi, 3-5 dec-2020, Online.
4. PG Master Classes 2021, UP ASI, 6-7th Feb 2021, Department of Surgery, Institute of Medical Sciences, Banaras Hindu University, Varanasi.

Resource Faculty:

1. Safety of surgeon & safe surgery during covid Era: Recent guideline & updates, ASIRAJ Web CME, 20 Sept 2020, online.
2. TOT training program, 22-25 March 2021, online.

Research Project:

Ongoing:

As Principal Investigator

1. COVID-19 infection among patients undergoing any elective intervention in AIIMS Jodhpur: An observational study.
2. Rhomboid flap surgery for pilonidal sinus disease: A retrospective study.
3. Knowledge and attitude about "Surgical Safety Checklist" among surgical care practitioners of AIIMS Jodhpur.
4. Early surgical treatment of chest trauma in AIIMS Jodhpur.
5. To study pneumo-mediastinum in chest trauma patients, Trauma center -AIIMS Jodhpur.

As Co-Investigator

1. Patient's safety and outcome in laparoscopic appendectomy by residents: A retrospective study.
2. Awareness and experience of health care workers during COVID-19.
3. Feasibility of same day discharge in laparoscopic cholecystectomy and inguinal hernioplasty
4. Primary closure with negative suction drain versus delayed primary closure techniques in emergency laparotomy: A randomized controlled trial
5. Fibrin glue application in pilonidal sinus: A prospective observational study
6. "Laparoscopic Port -site infections: characteristics and management" Feasibility and management of acute appendicitis in adults during COVID-19 pandemic.
7. Factors leading to cancelation of elective surgery at AIIMS Jodhpur: A quality improvement study.
8. Clinico-epidemiological study of admitted Patients in the Department of Surgery during COVID-2019 Pandemic
9. Comparative study of open and laparoscopic ventral hernia repair: A prospective single Centre study at AIIMS Jodhpur
10. A Study to assess the level of satisfaction regarding IPD services among COVID-19 patients admitted at AIIMS Jodhpur.
11. Perioperative respiratory care and outcomes for patients undergoing high risk abdominal surgery (PENGUIN Trial)
12. Cluster Randomized Trail of sterile glove and instrument change at closure to reduce surgical site infection (CHEETAH)
13. Outcomes of Surgery in COVID-19 infection: India cohort study (COVID Surg India)
14. Road traffic accidents during Covid-19 pandemic: A multicenter retrospective analytic study.

Completed:

As Principal Investigator

1. A Feasibility study of clinical, Radiological and Pathological response to Neo-Adjuvant chemotherapy with use of Radiopaque Markers in Locally Advanced Breast cancers undergoing surgery.

Examinership

1. M.B.B.S., S.P. Medical College & Hospital, Bikaner,
2. B.D.S., Vyas Dental College & Hospital, Jodhpur, Sept.2020.
3. Post of Lecturer (General Surgery), Health & Medical Education Department Jammu, 23-26 Feb-2021.
4. B.D.S. Vyas Dental College & Hospital, Jodhpur, March-2021.

National/ International Conferences attended:

1. ASICON 2020 Virtual Conference, Association of Surgeons of India, 17-19 Dec 2020.(Online).
2. TRAUMA 2020 Virtual national conference, JPNA Trauma center, AIIMS Delhi, 3-5 dec-2020.(Online).

Name of Faculty : Dr. Ankur Sharma

Designation: Associate Professor

Department of Anaesthesiology

Papers Presented:

1. Delayed diagnosis of basilar artery thrombosis in the postpartum period during COVID – 19 Pandemic: A lethal but avoidable complication

Research Project:

Ongoing:

As Principal Investigator

1. Comparison of ultrasound guided versus conventional palpatory method of posterior tibial artery cannulation: A randomized controlled trial

Completed:

As Principal Investigator

1. Attitude of medical undergraduate students' toward anesthesia as a future career
2. Nasogastric tube insertion using conventional versus bubble technique in anesthetized patients: a prospective, randomized study
3. Clinical features and mortality in first 500 COVID-19 Suspect SARI cases from Western Rajasthan, India

As Co-Investigator-

1. Prediction of Clinically Significant Hypotension after Spinal Anaesthesia by Inferior Vena Cava Collapsibility Index: a Randomised Control Trial
2. Comparison of incidence of emergence delirium in paediatric patients with different techniques of general anaesthesia using sevoflurane and propofol
3. Comparison of Sevoflurane, Propofol and Propofol with Dexmedetomidine on intracranial pressure during laparoscopic surgeries in Trendelenburg position
4. The understanding of medical undergraduates and Interns towards Basic Life Support: A cross sectional study

Membership/Post in Journal or Society or Association

1. Life membership -Association of Indian Ophthalmic Anesthesiologists

National/ International Conferences attended:

1. "Training on SOP for COVID Services" -6th may 2020. (Online)
2. Biostatistics workshop Science Tech Institute - November 2020 (Online)

Workshops/ Conferences Organized

1. Conducted training for medical officers for "COVID-19 Patient management training program" at AIIMS Jodhpur from 4th August to 18th August 2020.
2. Conducted "Training for faculty members on Intubation & Mechanical Ventilation from 15 to 21 April, 2020.
3. Conducted BLS/ACLS Course at AIIMS Jodhpur January 2020 And November 2020.
4. Conducted BLS Course for students of Vyas dental college at AIIMS Jodhpur February 2021.

Any other information:

1. Joined as Associate Editor of "Indian journal of ophthalmic anesthesia"
2. Nominated member for critical care work group for "Technical support by JHPIEGO through USAID funded RISE project" at AIIMS Jodhpur- 31st July, 2020.

Name of Faculty : Dr. Kamla Kant Shukla
Designation : Associate Professor
Department of Biochemistry

Papers Presented:

1. Shukla KK, Sharma P. Effect of nutlin3 a on fertility rates in male infertile induced wister rats via apoptotic pathway at Seoul International Congress of Endocrinology and Metabolism (SICEM 2020) from 28th -30th April, 2020. Seoul, South Korea.

Symposium Speaker:

1. "Integrative Medicines and Health: From Basic to Translational Research (TBRS-2020)" from 4th to 6th December, 2020. Organized online at Centre of Biomedical Research (CBMR), Lucknow.

Research Projects:

Ongoing Projects:

As Co-Investigator:

1. To understand the diagnostic and prognostic significance of circulating miRNAs expression in prostate cancer patients. Funded by All India Institute of Medical Sciences, Jodhpur (2017-19).
2. To assess the validity of references ranges of different semen parameters recommended by WHO laboratory manual for the Examination and processing of human semen and to analyse the correlation of sperm DNA fragmentation levels with male fertility status. Funded by All India Institute of Medical Sciences, Jodhpur (2017-19).
3. Expression of circulating miRNA 21 and 155 in patients with Bronchial Asthma and their association with lung function and treatment response—A Prospective Observational Case-Control Study. Funded by All India Institute of Medical Sciences, Jodhpur (2019-20).
4. Assessment of urinary carcinogens level and urine cytology among industry and non-industry workers in Jodhpur. Funded by All India Institute of medical sciences, Jodhpur. Funded by Indian Council of Medical Research, New Delhi (ICMR- 2020-5410).

Completed As Investigator:

1. Association of miR-21, miR-141, miR-145 and miR-10b in the induction and propagation of cancer stem cell in prostate cancer. Funded by All India Institute of Medical Sciences, Jodhpur (2017-19).

As Co- Investigator:

1. Interleukin IL-1A and IL-1Ra Gene Polymorphism and Susceptibility to Rheumatoid Arthritis in Indian populations. Funded by All India Institute of Medical Sciences, Jodhpur (2017-19).
2. Assessment of plasma and urinary branched-chain amino acids among patients of type 2 diabetes mellitus. Funded by All India Institute of Medical Sciences, Jodhpur (2017-19).

Scientific Awards:

1. Travel award for oral presentation on 8th Seoul International Congress of Endocrinology and Metabolism (SICEM 2019), from 28th-30th April, 2020. Seoul, South Korea.
2. Elected as the Associate Member of the Royal Society of Biology, United Kingdom in 2020.

Conference attended

1. Webinar organized by ACBICON for “Practical applications of Six Sigma in Clinical Laboratory Medicine” on 05th February 2021.
2. Webinar organized by ACBICON for “Shift in Paradigm - Lab Medicine & COVID19” on 16th December 2020.
3. Webinar organized by ISLH on Flow Cytometry: the role of flow cytometry in the assessment of acute leukemia on 18th Mar, 2021.

Membership/Post in Journal or Society or Association

1. Associate Member of the Royal Society of Biology, United Kingdom
2. Member of organizing committee in National conference on traditional medicine challenges & opportunities from 19th -20th March 2021, AIIMS, Jodhpur.

Examinership:

1. First Professional MBBS Biochemistry, Ganesh Shankar Vidarthi Memorial Medical College, Kanpur, U.P. from 14-02-2021 to 17-02-2021.

Name of Faculty : Dr. Rahul Choudhary

Designation : Associate Professor

Department of Cardiology

Workshops/ Conferences Organized:

2. Virtual Public lecture on World Heart Day

Papers Presented:

1. Percutaneous Coronary Intervention in Bifurcation Lesion in ACS. AHA 2020 scientific session, 13-17 Nov 2020.
2. Drug Adherence In Hypertensive Patients And Variables Associated With Nonadherence. Hypertension Scientific session 10-13 September 2020.

Research Project:

Ongoing:

As Principal Investigator:

1. To study the clinical and demographic profile in patients admitted in department of cardiology during last 24 months
2. To study the Clinical and angiographic profile in patients undergoing percutaneous coronary interventions in department of cardiology and to evaluate their correlation with outcome
3. To Assess the Cardiac Remodeling in Patients Undergoing Surgical or Percutaneous Management for Mitral Stenosis with the Application of Speckle Tracking Echocardiography

As Co-Investigator

1. WHF COVID-19 and Cardiovascular Disease Survey – World Heart Federation (WHF), Geneva, Switzerland.

2. Assessment of the diameter of distal radial artery and radial artery using ultrasound in patients of coronary artery disease undergoing percutaneous diagnostic or therapeutic intervention.
3. AIIMS Jodhpur Heart Failure Registry

Completed:

As Principal Investigator:

1. Patterns of care and mortality outcomes in patients admitted with acute coronary syndrome during coronavirus disease 2019 pandemic in India

As Co-Investigator:

1. AIIMS Jodhpur Heart Failure Registry (AJHFR) - Prevalence of anemia and iron deficiency in heart failure female patients.

Membership/Post in Journal or Society or Association

1. Life Member- Cardiology Society of India.

National/ International Conferences attended:

1. AHA 2020 scientific session, 13-17 Nov 2020.(Online).
2. AHA Hypertension Scientific session 10-13 September 2020.(Online).
3. 72th Annual Cardiology Conference, CSI 2020- Ahmedabad. (Online).

Name of Faculty : Dr. Nilesh Barwar

Designation : Associate Professor

Department of Orthopedics

Papers Presented:

1. NileshBarwar, Bharat R dave, Ajay Krishnan, Devannad et al. Role of postoperative MRI in spine surgery: a series of one hundred cases. Virtual Conference of Association of Spine Surgeon of India; 18th-20th Sept 2020
2. NileshBarwar, MahendraLodha. Thoracolumbar kyphosis in mucopolysaccharidosis.a case report. Virtual Conference of Association of Spine surgeon of India; 29th-31st Jan 2021
3. Nilesh barwar.Kyphosis correction in healed post tubercular kyphosis.AOSpineinterfellow webinar Oct. 2020

Research Project:

Ongoing:

As Principal Investigator:

1. Functional and radiological outcome following dual plating in distal femur nonunion fractures.

As Co-Investigator

1. Clinical and radiological outcome in peri-articular fractures around knee.
2. Critical radiological and functional outcome analysis of proximal humerus fracture patients.

3. Anthropometric study to describe safe corridor for superior pubic ramus screw stabilization of anterior pelvic ring: a pilot study
4. Description of trauma patients in the emergency department of a tertiary care hospital in northwest India.

Completed:

As Principal Investigator:

1. Does staged treatment of high energy tibial plateau fractures affect functional outcome.

Membership/Post in Journal or Society or Association

1. AOspine membership
2. APSS

National/ International Conferences attended:

1. ASSICON conference 2020 (Online)
2. ASSICON conference 2021 (Online)
3. Online national workshop on multivariate analysis & graphics with R software
4. Workshop on Statistical analysis using R software
5. AOSpine principles interfellow webinar-degenerative and deformity Oct. 2020
6. South Asia all around the shoulder web series- shoulder arthroscopy & revision Sep 2020

Name of Faculty: Dr. Bharat Choudhary

Designation : Associate Professor

Department of Pediatrics

Workshops/ Conferences Organized

1. Emergency Treatment and Triage workshop, Department of pediatrics, AIIMS Jodhpur December 2020
2. Emergency Treatment and Triage workshop, Department of pediatrics, AIIMS Jodhpur January 2020
3. Emergency Treatment and Triage workshop, Department of pediatrics, AIIMS Jodhpur February 2020
4. Emergency Treatment and Triage workshop, Department of pediatrics, AIIMS Jodhpur March 2020

Any other information:

1. Four ETAT workshop were conducted from December 2020-March 2021, in coordination with Rajasthan State Health Department. The three day workshops were aimed to train medical and nursing officers working at CHC and PHC level about treatment of common Pediatric emergencies and Triage protocols. Medical and Nursing officers got opportunity of Hands on Training on common Pediatric Emergencies.

Invited Lectures

1. Ophthalmologic emergencies, Emergency Pediatric and Injury conference, Virtual, 22 Nov – 13 Dec 2020
2. Child Abuse, Emergency Pediatric and Injury conference, Virtual, 22 Nov – 13 Dec 2020
3. Dental Trauma, Emergency Pediatric and Injury conference, Virtual, 22 Nov – 13 Dec 2020

Resource Faculty:

1. Emergency Pediatric and Injury conference, Virtual, 22 Nov – 13 Dec 2020

Research Project:

Ongoing:

As Principal Investigator

1. Profile of Children with COVID Infection at Tertiary care in Western Rajasthan
2. Impact of Pediatric Acute care area on outcome of Children in Emergency
3. Use of Point of care Ultrasound in emergency - a National Survey

Completed:

As Principal Investigator

1. Pattern of Pediatric Emergency during lock down in COVID era
2. Clinical Audit of Dengue Patient in Pediatric Emergency

As Co-Investigator

1. Simulation based training on VAP bundle training of nursing officer prevention in PICU at Tertiary care Hospital

Scientific Awards/Patents

1. Winner for the India-Sweden Healthcare Innovation Challenge- Dec 2020 Announced by Ministry of Health and family welfare
2. National Instructor for Advance Trauma and Life Support Course (ATLS)-Feb 2021

Membership/Post in Journal or Society or Association

1. Member, International Pediatric Simulation Society (IPSS)
2. Member, American college emergency Physician (ACEP)

International Conferences attended:

1. International Pediatric Simulation Symposium and workshop 2020, IPSS, Oct 2020(Online)
2. ACEP 2020, American College of Emergency Physician, Oct 2020

National Conferences attended:

1. EPICON 2020, ACEE, Dec 2020
2. Trauma 2020, Virtual Dec 2020
3. Advance Statistics. Nov 2020

Any Other:

1. Member of the interview committee for Medical Technology Course

Name of Faculty : Dr. Aniket Dave

Designation : Assistant Professor

Department of Burns and Plastics

Research Project:

Ongoing:

As Co-Investigator

1. Implication of increased uses of technology on awareness about plastic surgery in medical undergraduates (Non-funded)
2. The functional and aesthetic outcome of groin/abdomen and PIA flap: a comparative study (Non-funded)

Name of Faculty : Dr. Amit Kumar Rohila,

Designation : Assistant Professor

Department of General Medicine

Research Project:

Ongoing:

As Co-Investigator

1. COVID 19 infection and outcomes in vaccinated and non-vaccinated individuals: A case control study
2. Cardiovascular complications during post COVID-19 recovery phase: a prospective observational study
3. Clinical validation of ballistocardiography device. A pilot study.

National/ International Conferences attended:

1. MYCOCON 2021 Conference and 4th Master Class (Online), 26 – 28 March 2021.
2. CIDS WEBINAR ON COVID-19", 22nd May 2021.(online)

Name of Faculty : Dr. Manisha Jhirwal

Designation : Assistant Professor

Department of Obstetrics and Gynecology

Workshops/ Conferences Organized

1. Rajasthan State Chapter Conference of Association of Gynaecologic Oncologist of India CME on "Cancerin Pregnancy" 2021; AIIMS Jodhpur, 18th March 2021
2. "Tips and Tricks of prenatal invasive procedures- Prenatal Diagnosis &Fetal therapy", AIIMS Jodhpur, 26th March2021.(Coordinator)
3. VIA training of medical officers, AIIMS Jodhpur, (Multiple times in 2020 & 2021)

Papers Presented:

1. Jhirwal M, Singh P, Sharma C, Shekhar S, Awareness and Understanding About COVID-19 In Pregnant Women: A Questionnaire Based Study in A Tertiary Care HospitalOf Western Rajasthan; 42ND AOGD annual conference on 30th Oct to 1st Nov, 2020,Delhi.

Resource Faculty:

1. Rajasthan State Chapter Conference of Association of Gynaecologic Oncologist of India CME on "Cancer in Pregnancy" 2021; AIIMS Jodhpur, 18th March 2021, . (Scientific Committee Member)
2. "Tips and Tricks of prenatal invasive procedures- Prenatal Diagnosis & Fetal therapy", AIIMS Jodhpur, 26th March 2021. (Coordinator)
3. VIA training workshop for medical officers, AIIMS Jodhpur, (Multiple times in 2020 & 2021)

Research Project:

Ongoing:

As Co-Investigator:

1. Is QF-PCR, for prenatal diagnosis of chromosomal abnormalities in amniotic fluid samples, a substitute for conventional Karyotyping or Is it complementary- A comparative analysis.
2. Prenatal diagnosis of Nonimmune Hydrops Fetalis and their perinatal outcome- single Centre experience.
3. Laparoscopic Neo-Vaginoplasty: Single Centre Experience
4. The measurements of 'normal vulva' of Indian women: a cross-sectional prospective study.
5. Medium Term Anatomical and Functional Results of Isolated Laparoscopic Sacrocolpopexy during The Early Learning Curve.
6. Maternal and neonatal outcome and multidisciplinary management of Placenta Accreta Spectrum (PAS) within a single tertiary centre.
7. To evaluate the accuracy of hysterosalpingography (HSG) in predicting tubal blockage in infertile patients.
8. Comparison and assessment of performance of PREP-S, PIER-L, full PIERs and mini-PIERS risk prediction model in patients of pre-eclampsia for predicting adverse maternal and fetal outcomes.
9. Expression and association of microRNAs (miR-424 & miR-519d) in pregnancies complicated by fetal growth restriction via KLF 6 and MT1-MMP (MMP-14) pathways.
10. Level of complacency on both ends in a telemedicine clinic.

Completed:

As Principal Investigator:

1. Maternal and perinatal outcome in intra-hepatic cholestasis of pregnancy.
2. Understanding and awareness about COVID 19 in pregnant women: A questionnaire based study.
3. Decreasing the duration of point of decision to getting NST done: A Quality Improvement Project.
4. Experience, learning and expectations of interns posted in obstetrics & gynecology during Pre-Covid and Covid era.

As Co-Investigator:

1. Objective Structured Clinical Examination (OSCE) as a learning tool for post graduate residents in the department of Obstetrics & Gynecology - At two years' experience.
2. Retrospective analyses of primary debulking and interval debulking surgery in cases of Carcinoma Ovary.

Membership/Post in Journal or Society or Association

1. Membership of Federation of Obstetricians and Gynecologists of India (FOGSI)
2. Member of Indian Fertility Society (IFS)

3. Member of Society of Fetal Medicine(SFM)
4. Member of Association of Minimal Access Surgeons of India(AMASI)
5. Member of Association of Obstetrics &Gynaecologist of Delhi(AOGD)

Scientific Awards/Patents

1. Basic ultrasound certified course organized by International society of ultrasound in Obstetrics & Gynecology (ISUOG) on 3rd July to 18th July 2020.
2. Obstetric ultrasound certified course organized by FOGSI on 26th Nov 2020 to 7th March2021.

Workshops/ Conferences Organized:

1. Rajasthan State Chapter Conference of Association of Gynaecologic Oncologistof India CME on “Cancer in Pregnancy” 2021; 18th March 2021, AIIMSJodhpur. (Scientific Committee Member)
2. “Tips and Tricks of prenatal invasive procedures- Prenatal Diagnosis & Fetal therapy”. 26th March 2021, AIIMS Jodhpur. (coordinator)
3. VIA training of medical officers. (Multiple times in 2020 &2021. (Took a Lecture and conducted hands onworkshop)

Panelist:

1. Society of Fetal Medicine Rajasthan chapterfirst quarterly meeting on 4/10/20as Panellist.

National/ International Conferences/ Workshop Attended:

1. CME on PCOS Advocacy- Cosmetic Gynecology & Environmentaleffects organized by ICOG on14/06/20.
2. Basic Ultrasound scanning in female infertility organized by IFS on01/07/20.
3. International conference on Ultrasound in Obstetrics and Gynecologyorganized by ISUOG 3rd July- 18 July2020. (Online)
4. Basic infertility management training course organized by NIHFW on 24th to 26th2021.
5. UPCOG Conference; Theme SAFECON organized by Muzaffarnagarmedical college on 4-5 July2020. (Online)
6. Gujrat chapter ISAR; Male infertility on 12 July2020. (Online)
7. International maternal health Glow conference 2020 on17/07/20. (Online)
8. Updating skills in cervical cancer prevention on 28/07/20 organized byICOG (Online)
9. National CME on statistics in health research on 29/07/20 organized byAIIMS Jodhpur. (Online)
10. CME on current trends in management of threatened miscarriage andrecurrent pregnancy loss on 29/7/20. (Online)
11. Endometriosis – an Enigma – Webinar (Online)
12. IFS UP chapter E- CME on 27thAug (Online)
13. IFS Rajasthan chapter E- CME on 1stSept (Online)
14. CME on pre-eclampsia-eclampsia syndrome on 10thsept 2020(ICOG)
15. SFM Rajasthan chapter first quarterly meeting on 4/10/20 aspanelist. (Online)
16. 42nd AOGD Annual conference on 30th Oct to 1st Nov 2020,Delhi. (Online)

Department of Urology

S. No.	Name	Designation
1.	Dr. Gautam Ram Choudhary	Associate Professor
2.	Dr. Himanshu Pandey	Associate Professor (Date of joining: 14 June 2016; Date of resignation: 9 June 2021)
3.	Dr. Mahendra Singh	Assistant Professor
4.	Dr. Vijay Kumar Sarma Madduri	Assistant Professor
5.	Dr. Subhajit Mandal	Assistant Professor (Date of joining: 31 Dec 2020; Date of resignation: 15 Jun 2021)
6.	Dr. Rahul Jena	Assistant Professor

About the Department:

The Department of Urology was started on 27 April 2016; it offers up-to-date facility for comprehensive management of all major urological disorders including cancer surgeries. Comprehensive medical education and various programs of clinical and basic research are integral part of the department. The department has six permanent faculty members; all have their primary interest and also work for other secondary sub-specialties. A new feather in the cap of our department in the year 2019-2020 was the starting of renal transplant services under the mentorship of SGP GIMS (Sanjay Gandhi Post Graduate Institute of Medical Sciences) Lucknow. Till date we have successfully completed three renal transplants with excellent results. More than 150 robot assisted Urological surgeries have been done so far. With the addition of 100W Holmium LASER machine and state of art Extra Shock Wave Lithotripsy (ESWL) to the armamentarium, the department is fully equipped to provide comprehensive urological care for all complex urological diseases. The faculty members are involved in research projects, presenting papers in national & international conferences. Their research work is published in peer reviewed journals. The department hosted the second mid-term workshop under the aegis of North Zone Urological Society of India (NZ-USI) in July 2020 in virtual (online) mode. The first batch of MCh Residents will complete tenure in July 2021. The department currently has seven academic senior residents (intake of two per session). The Department continued to provide emergency services and treatment of malignancies during COVID 19 Pandemic.

Compiled list of Publications of the department PubMed Indexed:

- Gupta P, Choudhary GR (corresponding), Pandey H, Madduri VKS, Singh M, Pallagani L. Air vs. contrast pyelogram for initial puncture access in percutaneous nephrolithotomy: a randomized controlled trial. *Urolithiasis*. 2021 Jun;49(3):261-267. doi: 10.1007/s00240-020-01222-6.
- Ranjan DK, Choudhary GR (corresponding). COVID-19: Urologist's perspective and urology practices. *Indian J Urol*. 2020;36(3):234-235. doi:10.4103/iju.IJU_126_20
- Choudhary, G.R., Ranjan, D.K. Simple Device Design for Plume Management after Pneumoperitoneum in Laparoscopy in COVID-19 Outbreak. *Indian J Surg* 82, 274–275 (2020)
- Kamla Kant Shukla, Sanjeev Misra, Shrimanjanath Sankanagoudar, Himanshu Sharma, Gautam Ram Choudhary, Puneet Pareek, Jeevan Ram Vishnoi, Praveen Sharma. Recent scenario of long non-coding RNAs as a diagnostic and prognostic biomarkers of prostate cancer. *Urologic Oncology: Seminars and Original Investigations*. 2020; 38 (12): 918-928.

5. Bharti JN, Choudhary GR (corresponding), Madduri VK, Yadav T. Mucinous tubular and spindle cell carcinoma: A difficult diagnosis. *Urol Ann [serial online]* 2021 [cited 2021 Jun 28];13:180-2.
6. COVIDSurg Collaborative, GlobalSurg Collaborative, SARS-CoV-2 vaccination modelling for safe surgery to save lives: data from an international prospective cohort study, *British Journal of Surgery*, 2021;, znab101, <https://doi.org/10.1093/bjs/znab101>
7. COVIDSurg Collaborative, GlobalSurg Collaborative. Timing of surgery following SARS- CoV-2 infection:an international prospective cohort study. *Anaesthesia* 2021 doi:10.1111/anae.15458
8. Gupta D, Vishwajeet V, Pandey H, Singh M, Sureka B, Elhence P. Epithelioid angiomyolipoma with tumor thrombus in IVC and right atrium. *Autops Case Rep.* 2020 Sep 2;10(4):e2020190. doi: 10.4322/acr.2020.190. PMID: 33344317; PMCID: PMC7703439
9. Tyagi V, Singh M (Corresponding author), Pahwa M, Jain S, Chaddha S, Jauhari H. Right Laparoscopic Donor Nephrectomy: A Large-Volume, Single-Center Experience. *Exp Clin Transplant.* 2021 Mar;19(3):217-223. doi: 10.6002/ect.2020.0346. Epub 2021 Feb 19. PMID: 3360520
10. Rasool S, Singh M (Corresponding author), Jain S, Chaddha S, Tyagi V, Pahwa M, Pandey Comparison of open, laparoscopic and robot-assisted pyeloplasty for pelviureteric junction obstruction in adult patients. *J Robot Surg.* 2020 Apr;14(2):325-329. doi: 10.1007/s11701-019-00991-6. Epub 2019 Jun 20. PMID: 31222624

Non-PubMed Indexed:

1. Singh M, Pandey H. COVID-19: Don't We Need to Think for Future. *Clin Surg.* 2020; 5: 2879

Name of Faculty: Dr. Gautam Ram Choudhary

Designation: Associate Professor

Papers Presented:

1. Robot assisted partial nephrectomy in a kidney with multiple renal vessels: a surgical challenge. Jan 2021, NZUSICON 2020. (Annual Conference of North Zone chapter of Urological Society of India). (Online).
2. Management of a rare complication post URSL subcapsular hematoma, Jan 2021, NZUSICON 2020. (Annual Conference of North Zone chapter of Urological Society of India). (Online).
3. Modified port position in robotic assisted Boari flap procedure for lower ureteric stricture. Jan 2021, NZUSICON 2020. (Annual Conference of North Zone chapter of Urological Society of India). (Online).
4. Robotic assisted laparoscopic excision of retroperitoneal hemangioma- a rare case. Jan 2021, NZUSICON 2020. (Annual Conference of North Zone chapter of Urological Society of India). (Online).

Sessions Chaired:

1. Session moderator for virtual lecture on "the prostate myths demystified" by Vattikuti foundation (Patient oriented), 24/01/2020
2. Faculty cum chairperson for session in 53th annual conference of Urological Society of India 12-14 February 2021, Topic: "What Beyond the conventional Da Vinci in Urology".

Invited Lectures

1. Faculty for the Uro-oncology session during NZUSICON 22-24 January 2021; Topic: - Carcinoma bladder
2. Session moderator for virtual lecture on "the prostate myths demystified" by Vattikuti foundation (Patient oriented), 24/01/2020

3. Attended virtual 35th annual European Association of Urology (EAU 20) on 17-19 July 2020

Symposium Speaker

1. Symposium on advances in muscle invasive and metastatic bladder cancer: Neo adjuvant chemotherapy. 53rd national annual conference of Urological society of India "USICON 2020" 23-26 January 2020. Kochi, India.

Resource Faculty:

1. Faculty cum Speaker for NZUSI Best of EAU Abstracts 2020 Theme, 26/09/2020: Uro Oncology; topic: - Ca Penis
2. Faculty for the Uro-oncology session during NZUSICON 22-24 January 2021; Topic: - Carcinoma bladder

Research Project:

Ongoing:

As Principal Investigator

1. Assessment of urinary carcinogens level and urine cytology among industry and non industry workers in Jodhpur, technically approved at ICMR as extramural Project (technically approved)
2. Post COVID-19 outbreak changes in urology practice
3. Validation of Comprehensive Renal Nephrometry Score for Small Renal Masses: Patient Renal and Tumor Attribute score (PRTA Score)

As Co-Investigator

1. Mismatch repair deficiency and PD-L1 expression in urothelial carcinomas and renal carcinomas. Intra-mural
2. An open label multi-centric randomized control trail for reinitiating intravesical BCG therapy Vs resumption in patient of non-muscle invasive bladder cancer with interruption of therapy due to covid-19 (ICON study) (ICON- interruption of treatment due to covid-19 in NMIBC)
3. "Single postoperative instillation of Gemcitabine vs Mitomycin in Non-muscle invasive Transitional Cell Carcinoma of the Bladder: A single center open level study
4. "A prospective cohort study of incidence of bacteraemia and infective endocarditis after cystoscopy in Indian population
5. Telemedicine in Indian Urology during COVID-19 pandemic: A call for the application of new technologies to managing patient care
6. To determine correlation between VIRADS scoring and pathological staging in bladder cancer
7. A survey on "Impact on Habit, Attitude and Practice pattern of Urologist after COVID-19 outbreak

Completed:

As Principal Investigator

1. To understand the diagnostic and prognostic significance of circulating miRNAs expression in prostate cancer patients.
2. (Intra-Mural) Epidemiology, Metabolic Workup and Stone Analysis of Urolithiasis (non-funding)
3. Epidemiology of community and hospital acquired urinary tract infection of patients attending Urology OPD in AIIMS Jodhpur

As Co-Investigator

1. Expression of miRNA and characterization of stem cell in prostate cancer and benign prostatic hyperplasia patients: Intra-mural

Scientific Awards/Patents

1. Vattikuti International Fellowship (2 weeks duration with worth 5000 dollars) at the Roswell Park Comprehensive Cancer Center ATLAS Program in Buffalo New York, USA.

Membership/Post in Journal or Society or Association :

Member:

1. Indian Journal of Urology (C079)
2. European Association of Urology: (EAU-106823)
3. Urological Association of Asia (UAA): (01339-1-07)
4. Global Society of Rare Genitourinary Tumors
5. SIU - Société Internationale d'Urologie

National/ International Conferences attended:

1. Completed the Didactic TR300 (URO) robotic program for partial nephrectomy, 26/09/2020
2. Paper presentation in 108th Annual Meeting of the Japanese Urological Association (JUA2020) (virtual) 22-24 December 2020; Topic: Maiden 10 cases of Robot assisted Prostatectomy
3. Co-host for second Mid-Term CME of NZUSI on 21/6/21 at Department of Urology, AIIMS, Jodhpur
4. Attended virtual 35th annual European Association of Urology (EAU 20) on 17-19 July 2020

Name of Faculty: Dr. Himanshu Pandey

Designation: Associate Professor

Papers Presented:

1. Bladder blast during TURBT at second Mid-Term CME of NZUSI on 21/6/20
2. Robot assisted partial nephrectomy in a kidney with multiple renal vessels: a surgical challenge. Jan 2021, NZUSICON 2020. (Annual Conference of North Zone chapter of Urological Society of India)
3. Management of a rare complication post URSL subcapsular hematoma, Jan 2021, NZUSICON 2020. (Annual Conference of North Zone chapter of Urological Society of India)
4. Modified port position in robotic assisted Boari flap procedure for lower ureteric stricture. Jan 2021, NZUSICON 2020. (Annual Conference of North Zone chapter of Urological Society of India)
5. Robotic assisted laparoscopic excision of retroperitoneal hemangioma- a rare case. Jan 2021, NZUSICON 2020. (Annual Conference of North Zone chapter of Urological Society of India)
6. Postpartum diuresis: is it an entity. Jan 2021, NZUSICON 2020. (Annual Conference of North Zone chapter of Urological Society of India)
7. Histopathological surprise after nephrectomy for poorly functioning kidney. Jan 2021, NZUSICON 2020. (Annual Conference of North Zone chapter of Urological Society of India)

Resource Faculty:

1. Cohort in second Midterm CME of NZUSI on 21/6/2021 at Department of Urology, AIIMS, Jodhpur.

Research Project:

Ongoing:

As Principal Investigator

1. Unusual splenic injury following PCNL: Non-funded

As Co-Investigator

1. Epidemiology of community and hospital acquired urinary tract infection of patients attending Urology OPD in AIIMS Jodhpur: Non-funding
2. Expression of miRNA and characterization of stem cell in prostate cancer and benign prostatic hyperplasia patients: Intra-mural
3. Mismatch repair deficiency and PD-L1 expression in urothelial carcinomas and renal carcinomas. Intra-mural
4. Epidemiology, Metabolic Workup and Stone Analysis of Urolithiasis: Non- funding

Membership/Post in Journal or Society or Association

1. Peer reviewer in Indian journal of Urology (Indexed)

Name of Faculty: Dr. Mahendra Singh

Designation: Assistant Professor

Papers Presented:

1. Bladder blast during TURBT at second Mid-Term CME of NZUSI on 21/6/20
2. Robot assisted partial nephrectomy in a kidney with multiple renal vessels: a surgical challenge. Jan 2021, NZUSICON 2020. (Annual Conference of North Zone chapter of Urological Society of India)
3. Management of a rare complication post URSL subcapsular hematoma, Jan 2021, NZUSICON 2020. (Annual Conference of North Zone chapter of Urological Society of India)
4. Modified port position in robotic assisted Boari flap procedure for lower ureteric stricture. Jan 2021, NZUSICON 2020. (Annual Conference of North Zone chapter of Urological Society of India)
5. Robotic assisted laparoscopic excision of retroperitoneal hemangioma- a rare case. Jan 2021, NZUSICON 2020. (Annual Conference of North Zone chapter of Urological Society of India)
6. Postpartum diuresis: is it an entity. Jan 2021, NZUSICON 2020. (Annual Conference of North Zone chapter of Urological Society of India)
7. Histopathological surprise after nephrectomy for poorly functioning kidney. Jan 2021, NZUSICON 2020. (Annual Conference of North Zone chapter of Urological Society of India)

Resource Faculty:

1. Co-host in Second Mid-Term CME of NZUSI on 21/6/21 at Department of Urology, AIIMS, Jodhpur

Research Project:

Ongoing:

As Principal Investigator:

1. A survey on "Impact on Habit, Attitude and Practice pattern of Urologist after COVID-19 outbreak"

As Co-Investigator

1. Assessment of urinary carcinogens level and urine cytology among industry and non-industry workers in Jodhpur technically approved at ICMR as extramural Project.
2. Functional and aesthetic outcome after ventral spatulation of urethra in partial penectomy.
3. "Single postoperative instillation of Gemcitabine vs Mitomycin in Non-muscle invasive Transitional Cell Carcinoma of the Bladder: A single center open level study"

4. "A prospective cohort study of incidence of bacteraemia and infective endocarditis after cystoscopy in Indian population
5. Telemedicine in Indian Urology during COVID-19 pandemic: A call for the application of new technologies to managing patient care
6. To determine correlation between VIRADS scoring and pathological staging in bladder cancer
7. Post COVID-19 outbreak: changes in urology practice

Membership/Post in Journal or Society or Association

1. Member
 - Indian Journal of Urology
2. Reviewer
 - Peer reviewer in African journal of Urology

National/ International Conferences attended:

1. Collaborated and collected data from Department of Urology for CovidSurg week, an international, prospective, multi-center Cohort study
2. Attended virtual NZUSICON (Annual Conference of North Zone chapter of Urological Society of India) from 22nd to 24th Jan 2021.
3. Attended virtual USICON (Annual Conference of Urological Society of India) from 12th to 14th of February 2021

Name of Faculty: Dr. Vijay Kumar Sarma Madduri

Designation: Assistant Professor

Books/Chapters:

1. Book chapter titled "Controversies in diagnosis of Bladder Outlet Obstruction in Women: A Urodynamic Perspective" in the book "Female Bladder Outlet Obstruction and Urethral Reconstruction", Springer (ISBN: 978-981-15- 8520-3)

Papers Presented:

1. Robot assisted partial nephrectomy in a kidney with multiple renal vessels: a surgical challenge. Jan 2021, NZUSICON 2020. (Annual Conference of North Zone chapter of Urological Society of India)
2. Management of a rare complication post URSL subcapsular hematoma, Jan 2021, NZUSICON 2020. (Annual Conference of North Zone chapter of Urological Society of India)
3. Modified port position in robotic assisted Boari flap procedure for lower ureteric stricture. Jan 2021, NZUSICON 2020. (Annual Conference of North Zone chapter of Urological Society of India)
4. Robotic assisted laparoscopic excision of retroperitoneal hemangioma- a rare case. Jan 2021, NZUSICON 2020. (Annual Conference of North Zone chapter of Urological Society of India)
5. Postpartum diuresis: is it an entity. Jan 2021, NZUSICON 2020. (Annual Conference of North Zone chapter of Urological Society of India)
6. Histopathological surprise after nephrectomy for poorly functioning kidney. Jan 2021, NZUSICON 2020. (Annual Conference of North Zone chapter of Urological Society of India)

Panelist:

1. Panelist in webinar on "Neurovesical dysfunction" organized by Urological Society of India (USI) on 10 July 2020

Session Coordinator

1. Organising faculty, North Zone Urological Society of India Conference, theme of “Complications in Endourology”, 21 June 2020(Online)

Research Project:

Ongoing:

As Co-Investigator

1. Programmed Death-Ligand (PD-L1) expression in Genitourinary malignancies and correlation with clinicopathologic features
2. Assessment of urinary carcinogens level and urine cytology among industry and non-industry workers in Jodhpur, technically approved at ICMR as extramural Project
3. Functional and aesthetic outcome after ventral spatulation of urethra in partial penectomy
4. Post COVID-19 outbreak changes in urology practice
5. Validation of Comprehensive Renal Nephrometry Score for Small Renal Masses: Patient Renal and Tumor Attribute score (PRTA Score)
6. An open label multi-centric randomized control trial for reinitiating intravesical BCG therapy Vs resumption in patients of non-muscle invasive bladder cancer with interruption of therapy due to the covid-19 (ICON study) (ICON- interruption of treatment due to covid-19 in NMIBC)

Scientific Awards/Patents:

1. Secured scholarship of 200 GBP to attend “Multi-organ retrieval masterclass” organized by NHS-BT (NHS-Blood and Transplant), UK, held from 14-16 December 2020
2. Winner of the Urological Society of India (USI) debate on “Crossfires in Endourology”, first round on 29 Nov2020 and runner up in second round on 16 Dec 2020

Membership/Post in Journal or Society or Association

1. Admitted to International Continence Society and secured one year waiver of membership charges of International Continence Society (ICS) (Start date: 2nd March 2021)
2. Société Internationale d'Urologie (SIU)- Membership
3. Indian Journal of Urology- Reviewer
4. BioMed Central Urology- Reviewer

National/ International Conferences attended:

1. Organising faculty, North Zone Urological Society of India Conference, theme of “Complications in Endourology”, 21 June 2020(Online)
2. Presentation in North Zone Urological Society of India Conference, 21 June 2020, on “Stone seen on CT scan but no stone on kidney puncture: How did it happen?”
3. Presentation on role of enzalutamide in hormone sensitive Ca Prostate, organized by CIPLA urology on 28 June 2020 (online)
4. Panelist in webinar on “Neurovesical dysfunction” organized by Urological Society of India (USI) on 10 July 2020
5. Presentation titled “RIRS in infants: are we justified”, in the webinar “Current controversies in Endourology” organized by Urological Society of India on 21 July 2020
6. Presentation on “Complicated UTI” organized by Aleron (INTAS) on 29 Aug 2020
7. Public education lecture on Prostate Cancer Awareness on 23 September organized by Dr. Reddys on the occasion of Prostate Cancer Awareness month

8. Presentation on “Locally advanced Ca Prostate and beyond” organized by Bharat Serum on 3 October 2020
9. Collected data from the department for CovidSurg week, an international, prospective, multicenter cohort study
10. Attended virtual NZUSICON (Annual Conference of North Zone chapter of Urological Society of India) from 22-24 Jan 2021
11. Attended virtual EAU (European Association of Urology) conference from 17-19 July 2020
12. Attended EAU virtual theme week from 20-26 July 2020

Name of Faculty: Dr. Subhajit Mandal

Designation: Assistant Professor

(Joining in January 2021)

Name of Faculty: Dr. Rahul Jena

Designation: Assistant Professor

(Joining in January 2021)



Inauguration of Extracorporeal Shockwave Lithotripsy (ESWL) machine, Department of Urology



Faculty members of the department during the meeting of Jodhpur Urology Forum



Faculty members and residents of Department of Urology at the inauguration of the Lithotripsy suite, AIIMS Jodhpur

College of Nursing

S. No	Name	Designation
1	Prof Suresh Kumar Sharma	Professor & Principal
2	Dr Ashok Kumar	Associate Professor
3	Dr Mukesh Chandra Sharma	Associate Professor
4	Himanshu Vyas	Associate Professor
5	Gomathi A.	Associate Professor
6	Mamta	Assistant Professor
7	Remiya Mohan	Assistant Professor
8	Vandna Pandey	Assistant Professor
9	AashishParihar	Assistant Professor
10	NipinKalal	Assistant Professor
11	Nimarta	Assistant Professor
12	Joyce Joseph	Tutor/Clinical Instructor
13	Nancy Kurien	Tutor/Clinical Instructor
14	Shrikant K Nair	Tutor/Clinical Instructor
15	Anoop Sharma	Tutor/Clinical Instructor
16	Sanjay Sevak	Tutor/Clinical Instructor
17	Asif Khan	Tutor/Clinical Instructor
18	Rishi DuttAvasthi	Tutor/Clinical Instructor
19	Hanuman Ram Bishnoi	Tutor/Clinical Instructor
20	IrasangappaMudakavi	Tutor/Clinical Instructor
21	NatwarlalPatidar	Tutor/Clinical Instructor
22	Satyaveer	Tutor/Clinical Instructor
23	NeetuTripathi	Tutor/Clinical Instructor
24	DrVikasChoudhary	Tutor/Clinical Instructor
25	AnantChandrakantChopade	Tutor/Clinical Instructor
26	P Gangadevi	Tutor/Clinical Instructor
27	Raghu V.A.	Tutor/Clinical Instructor
28	Moirangthem Sonia	Tutor/Clinical Instructor
29	DrArti	Tutor/Clinical Instructor
30	Sanjeeta Dara	Tutor/Clinical Instructor
31	SK Mohanasundari	Tutor/Clinical Instructor
32	Dr Deviga T	Tutor/Clinical Instructor
33	SabariVel	Tutor/Clinical Instructor

34	MinakshiShayar	Tutor/Clinical Instructor
35	GaikwadDeepali Joseph	Tutor/Clinical Instructor
36	Arvind	Tutor/Clinical Instructor
37	Jaishri	Tutor/Clinical Instructor
38	Manish Kumar Balai	Tutor/Clinical Instructor

About the Department

The college of Nursing, AIIMS, Jodhpur has been set up in the year 2013 with an aim to provide quality nursing education and training in India. College is currently running four batches of B.Sc. (Hons.) Nursing and two batches of M.Sc. Nursing. The fruition of our efforts are evidently visible with the pass out of four batches of B.Sc. (Hons.) Nursing and 02 batch of M.Sc. Nursing with flying colours. As we set foot forward, we take pride and feel honoured in tracing our journey and presenting a fleeting glimpse of our rich past.

Facilities at par excellence:

The College building is fully functional and meets all the academic demands of the students. The real gem stones of this college are the state of the art infrastructure, lecture theatres, well-lit and ventilated classrooms, conference room, examination halls and lab facilities. New facilities, equipments, simulators, instruments, training and educational AV aids are being added in order to give state of art, quality training to students.

Skill training:A key focus

A key component of the skill training at the College of Nursing occurs at the skill and simulation laboratories which are designed to facilitate acquisition of basic and advanced clinical skills related to Nursing foundations, Obstetric &Gynaecologic Nursing, Child Health Nursing, Advance nursing care, and Community Health Nursing. Further, posting in different clinical areas of the AIIMS hospital have helped students to practice patient care skills. Field posting to areas adopted by institute has given students good exposure and realization about the real needs of the local community.

Activities throughout preceding year:

Orientation program: An Orientation programme was organized for freshly joined B.Sc. (Hons) Nursing students in December 2020. The new students were made familiar to the College, its policies, rules and regulations.

Digitalization of Education:Virtual teaching and learning took front seat during COVID-19 pandemic. New teaching methodologies were adopted by teaching faculty so as to make various concepts easily understandable to students. At the same time all the skill labs were extensively used to impart simulation based clinical learning experience through virtual mode to UG as well as PG students.

Health care services: The College of Nursing has continued to be active in providing health care services to general population of Jodhpur. Be it normal scenario or COVID-19 pandemic, Faculty and students of College of Nursing provided nursing care to needy with full enthusiasm and dedication. Expanding its horizons further, College has been engaged in providing health services through the UHTC (Pratap Nagar) and RHTC (Keru and Dhawa) in a rural and urban population of Rajasthan covering around 1610 families.

Health Education: The College emphasizes the activities related to health education and treating public awareness. The following activities were conducted:

- **Sterilization awareness camp.** Keeping this in mind on **10th December** organized a sterilization awareness camp was organized by MSc second-year students at Keru Primary Health Centre. Total around 15 eligible married women benefited from this program.
- **Glaucoma awareness:** On behalf of the world glaucoma day celebration, a puppet show was conducted by BSc IV year and MSc II year students from 10th march to 12th march in different areas (E-Learning class room, AIIMS OPD, Primary health center Keru& District hospital, Pratap Nagar).



World Glaucoma day celebration

- **Tuberculosis prevention:** World Tuberculosis Day was celebrated on March 24th on the theme of "**clock is ticking**" at District hospital, Pratap Nagar. BSc IV year and MSc II year students were carried out door to door TB survey to find new TB cases, (400 Families were surveyed) followed by an exhibition and role play was conducted by these students to create awareness and prevention regarding Tuberculosis for common public. Around 80 people have benefited from this program.



World TB day celebration

Mentorship Programme: The mentorship program continues to meet the learning and developmental needs of students. As a new entrant to the B.Sc. (Hons.) Nursing course at AIIMS Jodhpur, students have a unique opportunity to be mentored by a faculty member. The mentor encourages the mentee to actualize his/her full potential by sharing knowledge and experience, and providing constant support and encouragement.

Multi-screening Camps: The department participated in health camps to provide health services to the marginalized community in remote rural and slum areas. Several Health Checkup camps were organized by the students under the supervision of the faculty during their field postings (Diabetic and hypertension).

Paper

Pubmed Indexed:

1. Sharma SK, Thakur K, Mudgal SK, Kumar B. Efficacy of transparent vs. pressure dressing in prevention of post-catheterization pain, discomfort, and hematoma: a systematic review and meta-analysis of RCTs. *J Caring Sci*, 2021;10(2):103-10.
2. Punjot P, Bishnoi R, Kant R, Sharma SK. Factors associated with peripheral neuropathy among type 2 diabetes mellitus patients: A cross-sectional study. *J Cardio Diabetes MetabDisord* 2021;1:25-30.
3. Sharma SK, Rani R, Thakur K. Effect of Early versus Delayed Parenteral Nutrition on the Health Outcomes of Critically Ill Adults: A Systematic Review. *J Crit Car Med*. 2021;07(2). Ahead of Print. DOI: 10.2478/jccm-2021-0011.
4. Mudgal SK, Sharma SK, Chaturvedi J, Chundawat DS. Effects of Health Promotion Model-Based Visual Learning Module on Self-Efficacy and Health Promotion Behavior of Stroke Survivors: A Nonrandomized Controlled Trial. *J Neurosci Rural Pract*. 2021 Apr;12(2):389-97.
5. Swain SK, Arora RK, Sharma SK, Nandolia K, Basu G, Rekhapalli R, et al. Vertebral arteriovenous fistulae in neurofibromatosis type1: a systematic review and meta-analysis. *J NeurosurgSci* 2021 Apr 16. Online Ahead of Print.
6. Kodi M, Sharma SK. Realities, scope, challenges, and facilitators for implementation of nurse practitioner's role in India: A review, *International Journal of Nursing Sciences*, 2021 Apr;8(2):237-42.
7. Sharma SK, Mudgal SK, Thakur K, Parihar A, Chundawat DS, Joshi J. Anxiety, depression and quality of life (QOL) related to COVID-19 among frontline health care professionals: A multicentric cross-sectional survey. *J Family Med Prim Care* 2021;10:1383-9.
8. Chaturvedi J, Mudgal SK, Venkataram T, Gupta P, Goyal N, Jain G, Sharma SK. Coma recovery scale: Key clinical tool ignored enough in disorders of consciousness. *SurgNeurolInt*, 2021;12:93.
9. Negi R, Sharma SK, Gaur R. Efficacy of Ginger in the Treatment of Primary Dysmenorrhea: A Systematic Review and Meta-analysis. *Cureus*, 2021;13(3): e13743.
10. Sharma SK, Mudgal SK. Development and validation of a scale to measure attitude of people toward men in nursing profession. *J Edu Health Promot* 2021;10:54. DOI:10.4103/jehp.jehp_530_20.
11. Chowdhry R, Rahman HA, Mishra P, Sharma SK, Reddy SG, Dhaliwal SKS, Dhaliwal JS. Acquaintance, Attitude, Practices and Challenges of Palliative Oral Care among Healthcare Professionals: A Cross-sectional Survey at a Tertiary Healthcare Institute in India. *Palliative Medicine in Practice*, 2021. DOI: 10.5603/PMPI.2021.0007 [Online first]
12. Sharma R, Sharma SK, Mudgal SK, Prasuna Jelly, Thakur K. Efficacy of hyperbaric oxygen therapy for diabetic foot ulcer, a systematic review and meta-analysis of controlled clinical trials. *Sci Rep*, 2021 Jan;11(1):2189.
13. Jelly P, Chadha L, Kaur N, Sharma SK, Sharma R, Stephen S, Rohila J. (January 23, 2021) Impact of COVID-19 Pandemic on the Psychological Status of Pregnant Women. *Cureus*13(1): e12875.
14. Sharma SK, Mudgal SK, Mandal A. Thyroid disease in older people: Nursing perspectives. *Thyroid Res Pract*2020;17:110-7. DOI:10.4103/trp.trp_25_20.
15. Mandal A, Sharma SK, Kant R, Nautiyal V. Does *Abelmoschus Esculentus* act as anti-diabetic? A systematic review with updated evidence. *Minerva Endocrinol* 2021 Jan 12.
16. Mishra P, Tomer A, Kumar A, Nath A, Sharma SK, Singh GK. Pain management in COVID-19 pediatric patients—An evidence-based review. *Saudi J Anaesth* 2021;15:33-9.

17. Rani R, Kumar R, Mishra R, Sharma SK. Digital health: A panacea in COVID-19 crisis. *J Family Med Prim Care* 2021;10:62-5.
18. Sharma SK, Jelly P, Thakur K, Gupta M. Effect of magnification and changes in tobacco pictorial warning on asceticism of tobacco use: An exploratory survey. *J Family Med Prim Care* 2020;9:6051-60.
19. Sharma SK, Sadhanu H, Naithani M, Darbari A, Bharadwaj J, Sharma M. Awareness and attitude about heart transplantation among undergraduate nursing students: An institution-based survey in India. *Acta Med Int* 2020;7:76-80. DOI: 10.4103/ami.ami_152_20
20. Sharma SK, Mandal A, Mishra M. Effectiveness of m-learning on knowledge and attitude of nurses about the prevention and control of MDR TB: A quasi-randomized study. *Indian Journal of Tuberculosis*, 2021 Jan;68(1):3-8.
21. Goyal N, Swain SK, Gupta K, Chaturvedi J, Arora RK, Sharma SK. "Locked up inside home"- Head injury patterns during coronavirus disease of 2019 pandemic. *SurgNeuroInt* 2020;11:395.
22. Bharadwaj J, Sharma SK, Darbari A, Patil P. Immunization and vaccination of children during current COVID-19 pandemic: Impact and recommendation guidelines for India. *J Family Med Prim Care* 2020;9:5411-2.
23. Kaur H, Sharma SK, Sharma R, Mudgal SK, Jain G. Effect of Ethyl Chloride Spray versus Ice Pack Application on Pain Perception in Patients Undergoing Radial Arterial Puncture: A Randomised Controlled Trial. *J ClinDiagn Res*, 2020 Nov; 14(11):LC20-LC23.
24. Kalyani CV, Mirza AA, Sharma SK, Saxena V, Rohilla KK, Dakshinamurthy S. Undiagnosed elevated blood pressure and its life style related risk factors among adults: Cross sectional survey. *J Family Med Prim Care* 2020;9:4962-8.
25. Venkataram T, Goyal N, Kalita D, Bahurupi Y, Gangotri, Sadhasivam S, Sharma SK. Deployment of neurosurgeons at the warfront against coronavirus disease of 2019 (COVID-19). *World Neurosurgery*, 2020; 144:e561-67.
26. Sharma SK, Kant R, Kalra S, Bishnoi R. Prevalence of Primary Non-adherence with Insulin and Barriers to Insulin Initiation in Patients with Type 2 Diabetes Mellitus – An Exploratory Study in a Tertiary Care Teaching Public Hospital. *EurEndocrinol.* 2020;16(2): 143-7. Nebhinani N, Kuppili PP, Mamta. Stress, burnout and coping among first year medical undergraduates. *Journal of Neurosci Rural Pract* 2021; 00:1–7.
27. Sharma SK, Mandal A, Kant A, Jachak S, Jagzape M. Is Cinnamon Efficacious for Glycaemic Control in Type-2 Diabetes Mellitus? *J Pak Med Assoc*, 2020 May;70(11):2065-69.
28. Sureka B, Sinha A, Tak V, Garg MK, Bhatia PK, Bhardwaj P, et al. Customized personal protective equipment (PPE): Solution to conservation and management of supplies during the coronavirus disease 2019 (COVID-19) pandemic. *J Family Med Prim Care* 2020;9:2180-2.
29. Nebhinani N, Kuppili PP, Mamta. Stress, burnout and coping among first year medical undergraduates. *Journal of Neurosci Rural Pract* 2021; 00:1–7.
30. Nebhinani M, Saini SK. Leveraging role of Non physician health worker in prevention and control of Non communicable diseases in India: Enablers and challenges. *J Family Med Prim Care* 2021; 10:595-600.
31. Nebhinani N, Patnaik PK, Nebhinani M, Paul K. Effectiveness of brief educational training on Medical students' attitude towards suicide prevention. *Journal of Neuroscience in Rural Practice* 2020; DOI <https://doi.org/10.1055/s-0040-1716769>
32. Sharma SK, Mudgal SK, Thakur K, Parihar A, Chundawat DS, Joshi J. Anxiety, depression and quality of life (QOL) related to COVID-19 among frontline health care professionals: A multicentric cross-sectional survey. *J Family Med Prim Care* 2021;10:1383-9.

33. Nebhinani M, Kumar A, Parihar A, Rani R. Stress and coping strategies among undergraduate nursing students: A descriptive assessment from Western Rajasthan. *Indian J Community Med* 2020;45:172-5.

Non PubMed indexed

1. Sharma SK, Rani R, Banerjee S, Mumin KH. Evolution and current scenario of doctoral nursing education in India. *J Med Evid* 2021;2:79-85.
2. Sharma GS, Lata H, Bhowmik D, Sharma SK. Impact of COVID-19 pandemic on care of renal patients. *J Med Evid* 2021;2:19-23.
3. Betsy Chakraborty, Mandal A, Sharma SK. Are Nurses in Oppression? An approach to explore the evidences. *Saudi J Nurs Health Care*, 2021;4(3):77-83.
4. Sharma M, Lakhara P, Sharma SK, Jelly P, Sharma R. The Burden of Caregivers of Patients Undergoing Hemodialysis. *J Holist Nurs Midwifery*. 2021;31(2):69-75. <http://hnmj.gums.ac.ir/article-1-1589-en.html>
5. Sharma SK, Thakur K, Peter PP. Status of nurses in India: Current situation analysis and strategies to improve. *J Med Evid* 2020;1:147-52. DOI: 10.4103/JME.JME_164_20.
6. Sharma SK, Saini MK, Dwivedi S, Dhawan S, Mandal A. Healthcare Workers' Workplace Readiness during COVID-19 Pandemic in Northern India: A Cross-sectional e-Survey. *Pon J Nurs* 2020;13(3):54–9.
7. Bhatt S, Kaur V, Sukhman, Devi U, Sonika, Deswal S, Simran, Gautam S, Joshi S, Mudgal SK, Sharma SK. Eating Behavior of Nursing Students at Tertiary Care Teaching Institute in Uttara-khand: A Cross-Sectional Analytical Study. *Natl J Community Med* 2020;11(8):324-9
8. Haokip HR, Kumar R, Rawat VS, Sharma SK. Efficacy of standard nicotine replacement therapy (NRT) versus video-assisted nurse-led NRT on tobacco cessation: A randomized controlled pilot trial. *Clinical Epidemiology and Global Health* 2020 Mar;9:141-6. <https://doi.org/10.1016/j.cegh.2020.08.004>
9. Choudhary M, Kumar A, Pandey V. Modified Delphi technique: Content validity of the Burnout syndrome assessment scale. *Journal of Nursing and Health sciences*,9(5); Oct 2020:07-09.
10. Kalal N, Kumar A, Choudhary V, Rani R. Attitude towards euthanasia among nursing officers. *The Nursing Journal of India*. Nov Dec 2020;CXI(6):281-85.
11. Kalal N, Kumar A, Vyas H. Strategic utilization of nursing personnel during the COVID-19 pandemic. *The Nursing Journal of India*. Jan Feb 2021;CXII(1):45-47.
12. Mohan R, Pandey V. Pandemics and epidemics: Past to present. *Indian J ContNsgEdn* 2020;21:110-6. DOI: 10.4103/IJCN.IJCN_65_20 [Official publication of CMC Vellore, Wolters Kluwer-Medknow].
13. Phalswal U, Pandey V, Kumar A, Elhence A. Correlation of Ahlback grading and knee society score in patients with moderate to severe osteoarthritis of the knee. *Int J Res Orthop* 2021;7:606-10
14. Nimarta and Kalal N. "Nursing Warriors in Covid-19: Prevention, Precautions and Practice". *EC Pulmonology and Respiratory Medicine* 9.9 (2020): 121-131.
15. Behnammoghadam M, Fereidouni Z, Keshavarz Rad M, Jahanfar A, Rafiei H, Kalal N. Nursing Students' Attitudes Toward the Medical Device-Related Pressure Ulcer in Iran. *Chronic Wound Care Management and Research*. 2020;7:37-42
16. Choudhary V, Chhugani M, Sarin J, Workarounds in Hospitals: Need-Based Improvisation. *Nursing Journal of India* May-June 2020; 03: 9-10.
17. Choudhary V, Chhugani M, Sarin J, Modified Delphi Technique: Content Validation of Workaround Assessment Scale (WAS). *Journal of Nursing Science & Practice*.
18. Nair SK. Pilonidal Sinus Disease. An Overview. *American J of advances in Nursing Research* 2020; 7(1):18-19

19. Nair SK. Intra-Aortic balloon Pump: A mechanical circulatory support device. *Asian Pacific Journal of Nursing*. 2020;7(1):15-16.
20. Nair SK. Buerger Allen Exercise and Skin Perfusion Pressure: The Significance in Compromised Peripheral Circulation. *Int J Practical Nurs*. 2019;8(1):29–31.
21. Sabari Vel. Interactive guided imagery therapy for stroke patient for *International journal of practical Nursing* on August 2020.
22. Sonia M. Hyperbaric oxygen therapy: An overview. *International Journal of Advances in Nursing Management*.2021;9(1):99-101.
23. Gomathi A, Kamalam.S, Jeevaanand.N, Prevalence of Type 2 Diabetes Mellitus in a Rural Population in Puducherry. *National Journal of Research in Community Medicine*.2020; 9: 1 3: 106-09.
24. Gomathi A, Kamalam.S, Jeevaanand.N, To Study the Efficacy of Amla and Okra Juice on Blood Glucose Level among Type 2 Diabetes in Selected Rural Settings of Puducherry. *Journal of community and public health nursing*.2020; 5:2:82-85.
25. Pushpa, Rani R, Nebhinani M. Knowledge, burden and coping strategies among caregivers of thalassemic children attending thalassemia day care centre of selected hospital, Jodhpur. *Int J Community Med Public Health* 2021; 8: 2929-36.
26. Vyas H, Deviga T, Mamta. Impact of Musculoskeletal Dysfunctions on Quality of Life of Pregnant Women. *Int J NursMidwif Res* 2020; 7(2): 27-31.
27. Vyas H, Deviga T, Mamta. Knowledge and attitude towards post-partum insertion of intra uterine devices (PPIUCD) among pregnant women attending antenatal clinic at a tertiary care teaching hospital. *Int J Community Med Public Health* 2020; 7: 5093-9.
28. Goel P, Nebhinani M, Rani R. A study to assess knowledge and barriers towards use of family planning methods among women in Rajasthan, India. *Int J Community Med Public Health* 2020; 7:4385-91.
29. Sharma A, Rani R, Nebhinani M, Singh P. Knowledge and practices regarding management of minor ailments of pregnancy among antenatal mothers: A descriptive study from Rajasthan. *Int J Community Med Public Health* 2020; 7:4010-6.
30. Kajla P, Nebhinani M, Rani R. Tobacco chewing habits and barriers in cessation among tobacco users: A survey from western Rajasthan, India. *Int J Community Med Public Health* 2020; 7:3617-22.
31. Nebhinani M, Saini SK. Knowledge, skills of female health workers regarding selected non communicable diseases risk reduction and client satisfaction: a pilot study from western part of Rajasthan, India. *Int J Res Med Sci* 2020 Aug; 8 (8): 2802-8.
32. Kumari K, Vyas H, Singh P, Deviga T. Knowledge and lifestyle modification regarding gestational diabetes mellitus among antenatal mothers at a tertiary care teaching hospital. *Nursing and Midwifery Research Journal*, Jan 2021
33. Yadav, N., Vyas, H., T., D. (2020). Knowledge regarding prevention of child abuse among parents at selected rural area of Western Rajasthan. *International Journal of Community Medicine And Public Health*, 8(1), 212-216. doi:http://dx.doi.org/10.18203/2394-6040.ijcmph20205695
34. Kaur J, Sharma M C, "Effectiveness of Child-to-Child Approach on Knowledge and Practices of Personal Hygiene in Children Studying at Selected Schools", *International Journal of Science and Research (IJSR)* .Volume 10 Issue 3, March 2021, 559 – 564.
35. Mohan R, Devi M, Mundel M, Bishnoi M, Miraga, Mishraba, Monica. Adjustment Problems among B.Sc. Nursing 1st Year Students. *International Journal of Nursing Science Practice and Research*. 2021; 7(1): 1–6p. [Journals Pub]
36. Mohan R, Kaur A, Athira, Barkha, Khamneikim CS, Bharti, Chandrika. Knowledge regarding Immunization among the Mothers of Under-Five Children. *Research & Reviews: A Journal of Immunology*. 2020; 10(3): 8–12p. [STM Journals]

37. Raghu V A, Manju V. care of premature neonates: challenges and strategies to improve the neonatal outcome. J. international current research 2021;13(04): 17019-17026
38. Mohanasundari SK, PadmaJ A A, Kothari. S & Rathod KK 'Effectiveness of Music therapy with conventional intervention on preoperative anxiety among children undergoing surgeries in selected hospitals, Rajasthan-A Pilot study. IJPEN. 2020: 6(2): 61 -69. DOI: <http://dx.doi.org/10.21088/potj.0974.5777.6220.2>
39. Mohanasundari SK, Padmaja A, Rathod KK, & Kothari. S. Effectiveness of Music therapy and visual imagery technique on preoperative anxiety among children undergoing surgeries in selected hospitals, Rajasthan-A Pilot study. IJPHRD. 2020; 11(6): 645-650.
40. Mohanasundari SK, Padmaja A, Rathod KK, & Kothari. S. Effectiveness of visual imagery technique with conventional intervention on preoperative anxiety among children undergoing surgeries in selected hospitals, Rajasthan-A Pilot study. AJNER. 2020; 10(3):269-274.
41. Padmaja A, Mohanasundari SK, Dr. MunuswamyMurali, & Sheshkumar 'Evaluate the effectiveness of Awareness programme on breast cancer and skill Training on breast self-Examination among rural women in Chittoor Dist Andhra Pradesh-A Collaborative Research. AJNER. 2020: 10(1):97-102.
42. Chanchal Singh, DeepshikhaBhnwaria, Esther Nengzaching, Gurgeet Kaur, HatneikimHaokip, Hemprabhajani, Mukesh Chandra Sharma, Mohanasundari SK. A descriptive study to assess daily routine activities and level of stress among students of B.Sc (Hons.) Nursing students at AIIMS, Jodhpur. IJNER. 2020: 8(1).
43. Jaishri, Rentala S. Efficacy of psychoeducation to improve medication adherence among bipolar affective disorder: A systematic review. Indian J PsyNsg 2021;18:55-60
44. Sevak S, Lal S. Volatile Solvent Abuse among Street Children and Adolescent in India: A Systematic Review. Innov J NursHealthc. 2020;6(4):34-36.

Workshop/Conference organized:

Three days Training of Trainers program on 'Promotion of mental health of healthcare providers during the COVID-19 pandemic' was organized by Faculty of Psychiatric Nursing from 15.03.21 to 17.03.21. It is a requisite for obtaining the certificate of Master trainer.





“Training of Trainers program on ‘Promotion of mental health of healthcare providers during the COVID-19 pandemic’ from 15.03.21 to 17.03.21.”

Exhibition of Prepared AV Aids -

An exhibition of prepared AV Aid was organized on 24//2/21 by M. Sc (Nursing) first year students under coordination of Dr. Mukesh Chandra Sharma, Associate Professor, CON, AIIMS Jodhpur. This exhibition was inaugurated by Prof .SanjeevMisra , Director and CEO ,AIIMs Jodhpur and Dr. Kuldeep Dean Academics, in the presence of Principal College of Nursing ,Prof. Suresh Sharma .Students had prepared varieties of AV aids classified under projected and non-projected AV aids ,printed aids. These were like flip charts, posters string puppets, hand puppets, flash cards, dioramas, model, pamphlets, hook or loop board, flannel board with stand and bulletin board .Content covered in preparing printed Aid were in general ,which are useful for giving health educations to people. These prepared AV aids will be used for giving health education to public and for conducting outreach program by College of Nursing, AIIMS Jodhpur.





Photos –Public Exhibition of prepared AV aid by M.Sc. (Nursing) first year students Batch -2019 under coordination of Dr. Mukesh Chandra Sharma.

Eminent visitor:

1. A task force of Medical Education from State of Gujarat visited College of Nursing on 5th March 2021.

Faculty: Medical Surgical Nursing

S.No.	Name of the faculty	Designation
1.	Prof. Suresh K Sharma	Prof & Principal
2.	Dr. Ashok Kumar	Associate professor
3.	Vandna Pandey	Assistant professor
4.	NipinKalal	Assistant professor
5.	Nimarta	Assistant professor
6.	Dr. VikasChoudhary	Tutor / Clinical Instructor (Nursing)
7.	Shrikant K Nair	Tutor / Clinical Instructor (Nursing)
8.	NatwarlalPatidar	Tutor / Clinical Instructor (Nursing)
9.	SabariVel	Tutor / Clinical Instructor (Nursing)
10.	GaikwadDeepali Joseph	Tutor / Clinical Instructor (Nursing)
11.	Moirangthem Sonia	Tutor / Clinical Instructor (Nursing)
12.	Nancy Kurien	Tutor / Clinical Instructor (Nursing)
13.	P Gangadevi	Tutor / Clinical Instructor (Nursing)

Name of Faculty: Prof Suresh K Sharma

Designation: Professor & Principal

Textbook

1. Sharma SK, Potter P, Perry A, Stockert P, Hall A. Potter andPerry Essentials of Nursing Foundation. South Asian Edition. New Delhi: Elsevier, 2021.

Invited Lecturer

1. Quality assessment and improvement for academic teaching and clinical supervision. Online faculty development program on blended learning; 22nd – 28th Jun 2020., Kalinga Institute of Nursing, KIIT Deemed to be University, Bhubneswar.
2. Developing generation of nurse entrepreneurs. National e-conference on emerging trends, career opportunities and current practice in nursing. 17th – 18th Sep, 2020. Kalinga Institute of Nursing, KIIT Deemed to be University, Bhubneswar.
3. Trauma Nursing in India- Current status and way forward. Trauma-2020 Virtual Conference. 3rd – 5th Dec, 2020. AIIMS New Delhi.
4. Nursing education in the world during then COVID-19 Pandemic: Experiences from India. Faculty of Health Sciences Webinar Series. 11th Mar 2021. Izmir University of Economics, Izmer, Turkey.
5. Expert inputs in the draft Global Strategic Directions for Nursing and Midwifery (SDNM)-2021- 2025. Regional consultation meeting. 4th Feb, 2021. WHO-SEARO regional Officer.
6. Transformational leadership in Nursing: National priorities for critical care nursing. National Webinar. 27th Feb, 2021. Society for Critical Care Nursing.

Resource Faculty

1. Webinar on Nurses-Leading Healthcare. 14th Aug 2020. Dy Patil University School of Nursing, Navi Mumbai.
2. Fall assessment and prevention strategies in osteoporosis. Endocrine Nursing Webinar. 20th Oct, 2020. Endocrine Society of India.
3. Diabetes Foot Care” Endocrine Nursing Webinar. 12th Nov 2020. Endocrine Society of India.
4. Ramaiah Webinar- Feedback on the National Nursing and Midwifery Commission Bill 2020. 27th Nov 2020. Ramaiah Institute of Nursing Education and Research and Ramaiah Public Policy Centre, Bangalore.
5. Nurses make the Difference. International Diabetes Day. 15th Nov, 2020. International Diabetes Federation.
6. Implementaion of Evidence-Based Practice. International e-Workshop on Imbibe research culture to empower nursing professionals for imparting quality health care. 17th – 19th Dec, 2020. Kalinga Institute of Nursing, KIIT Deemed to be University, Bhubneswar.
7. Adrenals. Endocrine Nursing Webinar. 21st Dec 2020. Endocrine Society of India.
8. The perpetual Challenge in Modelling of COVID -19 epidemiological complexity: From Interdisciplinary. 8th – 12th Feb, 2021. National Institute of Technology Uttarakhand.
9. Food as an addiction framework in management of obesity. Webinar Endocrine Society of India- Eating Disorder day. 1st Mar 2021. Endocrine Society of India.

Research Projects**Ongoing:****As Principal Investigator:**

1. Efficacy of text messaging service for patient with type-2 diabetes to support basal insulin titration. Roche Pvt Ltd.

As Co-Investigator:

1. Research study on patient blood management in Rajasthan state and its impact on health economics. NHM Rajasthan.
2. A study to explore myths and realities about corona vaccination among general public in selected areas of Jodhpur. [Self-funded]

3. Awareness and attitude of healthcare workers about COVID-19 vaccination in western India: An institute based descriptive study. [Self-funded]
4. Awareness, attitude and willingness of organ donation among adult population in western Rajasthan: A cross-sectional hospital based survey. [Self-funded]
5. Postoperative clinical nursing care pathway for patients with mucormycosis: An experience from a tertiary care hospital. [Self-funded]
6. Fear and challenges of nursing students being in hospital clinical posting during COVID-19 pandemic: An exploratory survey. [Self-funded]
7. Awareness, attitude, and willingness of organ donation among adult population in western Rajasthan: A cross-sectional hospital based survey. [Self-funded]

Scientific Award

1. INC-GNLI Scholar-2020 at Global Nursing Leadership Institute, Geneva, Switzerland.

Examinership

1. MSc (Critical Care Nursing). National Institute of Nursing Education PGIMER, Chandigarh. 17.06.2020.
2. MSc (Nursing). All India Institute of Medical Sciences. 14th – 15th Jul 2020.
3. PhD (Nursing). Postgraduate Institute of Medical Sciences (PGIMER), Chandigarh. 25.11.2020.
4. PhD (Nursing). University Brunei Darussalam, Brunei. 12.12.2020.

Membership

1. Section editor. Journal of Medical Evidence.
2. Board member, International Federation of Perioperative Nurses (IFPN)
3. President. Society of Perioperative Nursing, India
4. President, Society of Critical Care Nursing, India

Name of Faculty: Dr. Ashok Kumar

Designation: Associate Professor

Research Projects:

1. Kumar A, Rani R, Vyas H, Kalal N, Nimarta, Choudhary V. Satisfaction and barriers to online learning in nursing students at college of Nursing, AIIMS Jodhpur.
2. Sinha A, Bhaskar S, Kumar A, Rodha MS, Dutt N, Vyas H, Kalal N, Choudhary V, Sharma N. Level of satisfaction regarding IPD services among COVID-19 positive patients admitted at AIIMS Jodhpur.
3. Rodha MS, Sharma N, Chaudhary R, Kothari N, Meena S, Badkur M, Kumar A. Knowledge and attitude about 'Surgical Safety Checklist' among surgical care practitioners of AIIMS Jodhpur.
4. Mamta, Kumar A, Rani R, Parihar A et al Assessment of COVID-19 induced anxiety and protective behaviour among nursing students.
5. Kumari K, Bhatia P, Kamal M, Kumar A. Psychological impact and coping strategies of frontline healthcare workers in western Rajasthan during COVID-19 pandemic.
6. Ramniwas, Kumar A. Emotional distress among health professionals involved in care of inpatients with COVID-19.
7. Sharma NK, Bhaskar SN, Kothari N, Rodha MS, Kumar A, Patidar N. Factors leading to cancellation of elective surgery at AIIMS Jodhpur: A quality improvement study.

Resource Person/Faculty/Invited lectures

1. Speaker in Virtual National Seminar on Simulation based Nursing Education organized by Faculty of Nursing, Assam Down Town University, Guwahati, Assam from 5th-6th June 2020. (Topic: OSCE/OSPE: A tool for objectivity in nursing examination)
2. Resource person in online panel discussion on 'Nursing leadership challenges: Leading through COVID 19 the battle of frontline warriors' organized by Nightingale Institute of Nursing Noida on 24th June 2020.
3. Resource person in NURSICON 2020 on Maternal and child health in recent COVID scenario organized online by Medical branch, Headquarters, Western command Chandimandir on 30th July to 3rd August 2020.
4. Resource person (speaker) in E-conference on Leadership organized by MM University, Ambala Haryana on 28th January 2021. (Topic: Group dynamics and public relationships).

Examinership

1. AIIMS Delhi
2. AIIMS Rishikesh
3. AIIMS Jodhpur

Member/Expert:

1. Member, coordination committee for COVID-19, AIIMS Jodhpur. Incharge: Nursing manpower and ward management and other administrative issues including coordination of training.
2. Training on capacity building of health care personnel for COVID-19 (Coordinator: Training on implementation of standard nursing care practices for medical college and hospitals of states)
3. Member (special invitee), Doctoral advisory committee (DAC) for PhD scholar at CHARUSAT University, Anand, Gujrat.
4. Member, critical care work group, technical support by Jhpiego through USAID funded RISE project.
5. Member – Capacity building to strengthen disease surveillance for vaccine preventable diseases (VPD) at AIIMS Jodhpur
6. Member, coordination committee for SwachhtaPakhwada
7. Member, Biomedical waste management committee, AIIMS Jodhpur
8. Member, committee for oxygen management at AIIMS Jodhpur

Name of Faculty: Vandna Pandey

Designation: Assistant Professor

Resource Faculty:

1. Speaker in 67th annual conference of the Indian association of cardiovascular -Thoracic surgeons -A virtual symposium on 26-28 February 2021

Examinerships

1. Internal Examiner M.Sc. Nursing and B.Sc. (Hons.) Nursing, AIIMS, Jodhpur, June-July 2020
2. External examiner for B.Sc nursing (Post basic) first year, July2020,PGIMER,
3. Chandigarh
4. Paper setter for Clinical Specialty-II(orthopedic Nursing) Jan-2021, RUHS, Jaipur
5. Paper setter for MSN and Nursing Foundations, AIIMS, Rishikesh,July2020

National/ International Conferences attended:

1. Webinar Training on ERMED resources organized by National Medical Library in association with Wolters Kluwer and Editage on the 03rd of June, 2020
2. Online Interactive CME: "Statistics in Health Research" on the occasion of National Statistics Day on 29 June 2020, organized by SPH AIIMS Jodhpur
3. Attended Live International webinar series on "Virtual Learning in Nursing Education: An emerging Paradigm" held on 29 July to 1st August at Amity College of Nursing, Amity University Haryana, Gurugram
4. Attended Live training webinar on Stress and coping, organized by center for continuing nursing excellence (CCNE) 30 July 2020
5. Attended National e-conference on "Professional Publication in Nursing" conducted by Centre for continuing nursing excellence on 10th Aug 2020.
6. Attended National e-conference "Critical care Nursing management of COVID -19 Pandemic" conducted by Centre for Continuing nursing excellence on 7th Sept 2020.
7. Attended Live National conference oncology nursing organized by center for continuing nursing excellence (CCNE), 5th October 2020

Course Completed

1. FACEN (Fellowship in Academy for Clinical Emergency Nursing): Academy for Clinical Emergency Nursing in India (Indo-US Emergency & Trauma Medicine Collaboration) in Dec 2020
2. Online Certification Basic course in Biomedical Research by ICMR – National Institute of Epidemiology in March 2021
3. Reviewer: Book "Taylor Fundamentals of Nursing-The art and science of person-Centered Care, South Asian Edition, Published by Wolters Kluwer.

Name of Faculty: Nipin Kalal

Designation: Assistant Professor

Resource Faculty:

1. Resource faculty in webinar on Organ transplantation: work up and role of transplant coordinator organized by Parul institute of Nursing Vadodara, on 20th August 2020.
2. Moderator in webinar on "Futuristic era in critical care nursing practice & education" organized by SCCN on 27th Feb, 2021.

Research Project:

As Principal Investigator

Ongoing

1. Effect of nurse-led lifestyle modification follow up program on health outcomes and quality of life among post myocardial infarction patients: a randomized controlled trial.
2. "Effect of nurse- led educational program on quality of life and self-care efficacy of patients with heart failure: A Quasi- experimental Study"
3. Quality of sleep and Factors Associated with Sleep Pattern Disturbance among Patients in Critical Care Units: Mixed Method study.
4. Awareness, attitude and willingness of organ donation among adult population in western Rajasthan: A cross sectional hospital based survey
5. Effectiveness and barriers of telehealth services during covid 19-pandemic – a narrative review.

Co-Investigator**Ongoing**

1. Efficacy of a text messaging service for patients with type 2 diabetes to support basal insulin titration. (Extra Mural)
2. A study to assess the level of satisfaction regarding IPD Services among Covid-19 positive patients admitted at AIIMS Jodhpur.
3. Fear and Challenges of nursing students being in hospital clinical posting during COVID -19 pandemic: An Exploratory survey

Project/Article completed:**As Principal Investigator**

1. Types of research article and misconduct: Review article
2. Strategic utilization of nursing personnel during the covid-19 pandemic: commentary article
3. Satisfaction and barriers to online learning in nursing students at college of Nursing, AIIMS, Jodhpur.
4. Qualitative study on the psychological experience of nursing officers caring COVID-19 Patients at AIIMS, Jodhpur.
5. Nursing warriors in covid-19: Prevention, precautions and practice : Review article
6. Indian Ayurveda in wound care: A holistic approach : Review article

As Co-Investigator :

1. A study to assess the risk factors of osteoporosis among women attending OPDs of AIIMS Jodhpur.
2. Development of quality improvement checklist for nurses in critical care unit at All India Institute of Medical Sciences Jodhpur, Rajasthan.
3. A study to assess the burden and treatment seeking behavior of CKD patients attending the nephrology OPD of AIIMS, Jodhpur

Examinership

1. B.Sc. (Hons.) Nursing 3rd Year Professional Final Examination, Internal examiner 2-3 November 2020 at College of Nursing, AIIMS, Jodhpur.
2. B.Sc. (Hons.) Nursing 3rd Year Supplementary Examination, Internal examiner 23 February 2020 at College of Nursing, AIIMS, Jodhpur.
3. External examiner as a paper setter in AIIMS Jodhpur for 3rd year B.Sc. Nursing.
4. External examiner as a paper setter in AIIMS Rishikesh on 6th July 2020 for B.Sc. Nursing 1st year and 2nd year.
5. External examiner as a paper setter in AIIMS Rishikesh on 8th July 2020 for M.Sc. Nursing 1st year.
6. External examiner as a paper setter in RUHS, Rajasthan. (M.Sc. Nursing)
7. Chief faculty in examination of junior engineer held on 8th March, 2021.

National/ International Conferences attended:

1. Online training course on Research Methodology from 19-23 October 2020 at the NIHFWS, New Delhi
2. Training on basics of mechanical ventilators & management of severely ill COVID 19 patients on 26th Oct 2020.
3. International virtual conference on "Adopt, adapt & abandon: From the bedside to the boardroom, organized by San Antonio Indian Nurses Association, USA, on 5th December 2020.
4. Webinar on "ethics in transplant coordinator" organized IATC, on 20th January 2021.
5. Webinar on "Nursing education in the world in the period of pandemic: experience from India organized by faculty of health sciences, Department of Nursing, Izmir university on 11th march 2021.

6. Third international atrial fibrillation and ventricular arrhythmia state of art symposium-virtual conference on 13th march 2021.
7. Panel discussion on “Transporting organs-process, logistics & challenges on 27th march 2021.
8. Many webinars attended related to COVID 19 from several institutes.

Name of Faculty: Nimarta
Designation: Assistant Professor

Research Project:

Ongoing:

As Principal Investigator

1. Fear and Challenges of nursing students being in hospital clinical posting during COVID -19 pandemic: An Exploratory survey.
2. “Physical activity and quality of sleep among patients with Chronic Kidney Disease on hemodialysis: A cross-sectional study.”
3. Effective communication between nurse and mechanically ventilated patient: strategies and intervention – a narrative review.

As Co-Investigator

1. Quality of sleep and Factors Associated with Sleep Pattern Disturbance among Patients in Critical Care Units: Mixed Method study.
2. Awareness, attitude and willingness of organ donation among adult population in western Rajasthan: A cross sectional hospital based survey.
3. Quality of sleep among nurses working in critical care units: A cross-sectional study.
4. Development of radiotherapy administration checklist for patients undergoing radiotherapy.

Completed:

As Co-Investigator

1. Satisfaction and barriers to online learning in nursing students at college of Nursing, AIIMS, Jodhpur.
2. Awareness and attitude regarding Prevention of stroke among Hypertensive patients attending OPD at AIIMS, Jodhpur with a view to develop an information booklet.
3. A study to assess the quality of Life of epilepsy patients coming in AIIMS, Jodhpur with a view to Develop an information booklet.
4. Lived experiences of patients with total knee replacement coming to Orthopaedic OPD AIIMS, Jodhpur.

Examinership

1. B.Sc. (Hons.) Nursing 2nd Year Professional Final Examination, Internal examiner at College of Nursing, AIIMS, Jodhpur, December, 2020.
2. B.Sc. (Hons.) Nursing 2nd Year Supplementary Examination, Internal examiner at College of Nursing, AIIMS, Jodhpur, February, 2021
3. External examiner as a paper setter in RUHS, Rajasthan. (M.Sc. Nursing) January, 2021
4. External examiner as a paper setter in AIIMS Jodhpur. (B.Sc. Nursing), December 2020.
5. External examiner as a paper setter in AIIMS Rishikesh. (B.Sc. Nursing & M.Sc. Nursing), July, 2020.

Membership/Post in Journal or Society or Association

1. Peer reviewer in Cureus Journal of Medical Science

Training course

1. Online training course on Research Methodology from 19th-23rd October, 2020 at the NIHFWS, New Delhi

National/ International Conferences attended:

1. Training on basics of mechanical ventilators & management of severely ill COVID 19 patients on 26th Oct 2020.
2. International virtual conference on “Adopt, adapt & abandon: From the bedside to the boardroom, organized by San Antonio Indian Nurses Association, USA, on 5th December 2020.
3. Third international atrial fibrillation and ventricular arrhythmia state of art symposium-virtual conference on 13th March 2021.
4. Webinar on Futuristic Era in critical care nursing practice and education by society of critical care nursing, 27th Feb, 2021.
5. Webinar on infection control and use of PPE during Covid- 19 organized by CON AIIMS Jodhpur, 09 May, 2020.
6. Webinar on Virtual learning in Nursing Education: An emerging paradigm, 29th July-01st Aug, 2020.
7. Numerous webinars attended related to COVID 19 from several institutes during this period.

Name of Faculty: Dr. Vikas Choudhary

Designation: Tutor/ Clinical Instructor (Nursing)

Research Project:

Completed:

As Co-Investigator:

1. Satisfaction regarding IPD services among covid-19 positive patients admitted at AIIMS, Jodhpur.
2. Satisfaction & barriers to online learning in nursing students at college of nursing AIIMS Jodhpur
3. Psychological experience of nursing officers caring COVID 19 patients at AIIMS Jodhpur.

National/ International Conferences attended:

1. Web Conference ON World Health Day: Support Nurses and Midwives “organized by INC on April 7, 2020, 12 P.M IST
2. Web Conference ON;Managing Maternal Care during COVID outbreak; organized by INC on April 20, 2020, 11 A.M IST.
3. Webinar and Interactive Session on “Psychological Wellbeing of Health Care Workers; by AIIMS Jodhpur on August 14, 2020, 3P.M IST.
4. Webinar on Covid 19 pandemic and Yoga organized by school of public health,AIIMS Jodhpur on August 27, 2020, 10 A.M IST.
5. Renaissance Webinar Series: Infection control practices in Covid19 organized by Wolters Kluwer on September 11, 2020, 3P.M IST.
6. Nurse led clinics: An extended role of Nurses in Control of Non-Communicable Diseases. Organized by project ECHO on September 15, 2020, 3P.M IST.

Name of Faculty: Shrikant K. Nair
Designation: Tutor/ Clinical Instructor (Nursing)

Research Project:

As Co-Investigator

1. Self-care agency of patients in critical care units of AIIMS Jodhpur.

National/ International Conferences attended:

1. Web Conference ON World Health Day: "Support Nurses and Midwives" organized by INC on April 7, 2020, 12 P.M IST
2. Web Conference ON "Managing Maternal Care during COVID outbreak" organized by INC on April 20, 2020, 11 A.M IST.
3. Webinar and Interactive Session on "Psychological Wellbeing of Health Care Workers" by AIIMS Jodhpur on August 14, 2020, 3P.M IST.
4. Webinar on Covid 19 pandemic and Yoga organized by school of public health, AIIMS Jodhpur on August 27, 2020, 10 A.M IST.
5. Renaissance Webinar Series: Infection control practices in Covid19 organized by Wolters Kluwer on September 11, 2020, 3P.M IST.
6. "Nurse led clinics: An extended role of Nurses in Control of Non-Communicable Diseases." Organized by project ECHO on September 15, 2020, 3P.M IST.
7. COVID-19: Operational Planning Guidelines and COVID-19 Partners Platform to support country preparedness and response organized by WHO on March 27, 2020.
8. Coronavirus Disease 2019 a course offered by AACC Learning Lab for Laboratory Medicine on NEJM Knowledge+ Organized by American Association for Clinical Chemistry on March 27, 2020.

Name of Faculty: Natwarlal Patidar
Designation: Tutor/Clinical Instructor (Nursing)

Resource Faculty:

1. Facilitator at Hands-on workshop as faculty on "Critical Care and Ventilatory Management in Covid-19 Patients" held at Centre of excellence for Critical Management of Covid-19, AIIMS Jodhpur on 26th Oct. 2020.

Research Project:

Ongoing:

As Principal Investigator

1. "A Study to assess knowledge, attitude and practices of health care workers towards environmental cleaning in regards to Covid 19"
2. "Accuracy of CAM-ICU performed by an ICU nursing officer as compared to that performed by a physician for assessment of delirium in critically ill patients admitted in medical intensive care unit – a prospective study"

Name of Faculty: Sabari Vel
Designation: Tutor/ Clinical Instructor (Nursing)

Research Project:

Ongoing:

As Principal Investigator-

1. Effectiveness of interactive guided imagery and mirror therapy on quality of life among patient with stroke.

National/ International Conferences attended:

1. National conference of BLS certificate course at NHCPs American nurses credentialing center commission on Accreditation on 12/06/2020.
2. International Webinar on Integration of Nursing theories into clinical practice organized by Sri Devarajurs college of Nursing Kolar on 24/06/2020.
3. National conference of Save a life CPR AED and first Aid certificate course at NHCPs American nurses credentialing center commission on Accreditation on 12/06/2020.
4. International Webinar on Drug abuse and illicit trafficking organized by Amity university Haryana on 27/06/2020.
5. International Webinar of Compassionate listening organized by on JIET college of Nursing Jodhpur on 18/06/2020.
6. Webinar on Respiratory management of COVID 19 on Sri Ramachandra institute of medical research institute Chennai on 23/06/2020.
7. Online CME on Statistic in Health research on AIIMS Jodhpur on 29/06/2020.
8. National conference of ACLS certificate course at NHCPs American nurses credentialing center commission on Accreditation on 14/06/2020.
9. Webinar of Leadership, Excellence, and Professionalism organized by on JIET college of Nursing Jodhpur on 05/06/2020.
10. Health emergencies programme of infection prevention and control for novel coronavirus organized by World health organization on 20/05/2020.
11. Health emergencies programme of standard precautions of waste management organized by World health organization on 15/05/2020.
12. Health emergencies programme of standard precautions Hand hygiene organized by World health organization on 14/05/2020.
13. Health emergencies programme of How to put on and remove personal protective equipment PPE organized by World health organization on 20/05/2020.
14. Health emergencies programme of Competency based learning organized by World health organization on 08/06/2020.
15. Health emergencies programme of Severe acute respiratory infection treatment facility design organized by World health organization on 20/05/2020.
16. Webinar on Essential upskilling for nurses on COVID 19 Pandemic Management at TNAI on 26/05/2020.
17. National conference of Advanced nursing research organized by Sumandeepvidyapeeth nursing college Vadodara on 27/05/2020 to 30/05/2020.
18. Webinar on COVID 19 Awareness and prevention Management organized by Global institute of healthcare management on 22/05/2020.

19. Webinar on Corona virus COVID 19 for nursing professionals organized by in tele care on 12/04/2020.
20. Webinar on Virtual simulation and peer to peer training to prepare health care professionals organized by Sri Ramachandra institute of higher education and research institute Chennai on 15/06/2020.
21. National Webinar on How to harmony between physique and mind during lockdown organized by GTN College of Nursing Dindigul on 26/06/2020.
22. Webinar on Digital age and future of nursing organized by Nandhacollege of nursing Erode on 26/06/2020.
23. National conference of Nurse Led care in Neurosciences Nursing organized by Chitkaraschool of health science Panjab on 09/10/2020.
24. Webinar on Mirror Therapy organized by British Association of hand therapists on 13/08/2020.
25. Webinar on Virtual learning in nursing education An emerging paradigm organized by Amity college of Nursing on 29/07/2020 to 01/08/2020.
26. Webinar on Bio medical waste management in context of COVID 19 organized by Sri Ramachandra institute of higher education and research institute Chennai on 14/08/2020.
27. Attended the National Webinar on Clinical research in Nursing organized by GRT College of Nursing Tiruttani on 03/08/2020.

Name of Faculty: GaikwadDeepali Joseph
Designation: Tutor/ Clinical Instructor (Nursing)

National/ International Conferences attended:

1. Nurse _ led clinicals: An extended role of nurses in control of non-communicable diseases, September 15, 2020
2. Webinar and panel discussion on Yoga and covid 19 pandemic conducted by school of public health on August 27, 2020
3. Psychological Wellbeing of health care workers, August 14. 2020.

Name of Faculty: Moirangthem Sonia
Designation: Tutor/ Clinical Instructor (Nursing)

Research Project:

Ongoing:

As Principal Investigator

1. Perception of patient safety climate among health care workers with a view to develop and test the patient safety interventional protocol, at AIIMS Jodhpur, Rajasthan.

National/ International Conferences attended:

1. Nursing Education in the World during the COVID-19 Pandemic: Experiences from India.Faculty of Health Sciences, Webinar Series, March 11, 2021.
2. Futuristic era in critical care nursing practice &education. Society for critical care nursing. Webinar, 27th Feb 2021.

3. International E-Conference on Mental Health First Aid. Nursing Division, Government of India in collaboration with Department of Nursing, D Y Patil University School of Nursing, Navi Mumbai and National Institute of Mental Health & Neurosciences (INI), Bengaluru, 4th to 6th February 2021.
4. SOP for COVID Services conducted by Dept. of general medicine AIIMS Jodhpur from 4th to 7th May 2020.
5. Training on PPE and infection control prevention and control. Dept. of Microbiology, AIIMS Jodhpur, 24th April 2020.

Name of Faculty: Nancy Kurien

Designation: Tutor/ Clinical Instructor (Nursing)

National/ International Conferences attended:

1. Webinar: Nurse Led Clinics: An extended role of Nurses in control of Non- Communicable Diseases Organized by INC, 15 September 2020
2. Webinar and Panel Discussion on Yoga and COVID-19 pandemic conducted by School of Public Health on August 27,2020.
3. Webinar on "Psychological Well-being of Health Care Workers. Organized by AIIMS, Jodhpur,14 August 2020

Name of Faculty: P Gangadevi

Designation: Tutor/ Clinical Instructor (Nursing)

Research project

Completed:

As Principal Investigator

1. An exploratory study to identify quality of work life and priority improvement areas among nurses working in selected hospitals at Jodhpur, Rajasthan

Membership/Post in Journal or Society or Association

1. Member; The Nursing Teachers Association, India. Registration date : 12 October 2020

Training / Conferences attended.

1. Online Interactive CME on Statistics in Health Research. SPH AIIMS Jodhpur, 29 June 2020.
2. Webinar on Getting started with R. Department of data science, Prasanna School of Public Health, Manipal Academy of Higher Education, 29 June 2020.
3. International webinar (IGNITEE 2020) on Clinical Competency in Nursing Education – A Global view. Koshys school and college of nursing, Bangalore, 6 - 8 July 2020
4. Live webinar on Paradigm Shift in Critical Care Nursing. Medical Surgical nursing department, MMM College of Nursing, live webinar, 22 July 2020.
5. Webinar on COVID – 19 and Child Nutrition, Issues, Challenges and Solutions. College of Nursing NEMCARE Foundation, Mirza, 26 July 2020.
6. International webinar on Strategies and Competencies in Pandemic Era. Little flower college of nursing and Jubilee memorial hospital, Thiruvananthapuram, 29 & 30 July 2020.

7. Webinar on Emotional Intelligence: Implications and relevance in health care professionals. Mental health nursing department, Bishop Benziger college e of nursing, 4 August 2020.
8. Online webinar on World Breast Feeding Week. School of Nursing, Galgotias University collaboration with Paediatric and Neonatal Nurses Forum, India, 5 August 2020.
9. Online webinar on Support breast feeding for a healthier planet. The Trained Nurses Association of India, 6 August 2020.
10. Webinar on Strategies to raise the Nursing Standards beyond books. Royal School of Nursing, Royal Global University, Guwahati, 7 August 2020.
11. Webinar on Pediatric Interventional cardiology. Child health nursing department, Bishop Benziger college e of nursing, 8 August 2020.
12. Webinar (15 hours) on Nursing theories and their applications. The Nursing Teachers Association, India, 25 July 2020 – 9 August 2020.
13. Webinar on childhood developmental theories. The Nursing Teachers Association, India, 12 –16 August 2020.
14. Experimental research design. EashwariBai Memorial College of Nursing, Telengana, 21 August 2020.
15. International webinar on Developing Resilience, taking part in Clinical research and protecting older adults during COVID 19. SreeVidyanikethan College of Nursing, Tirupati, 29 August 2020 & 30 August 2020.
16. Faculty development programme on Education in 21st century- Roles and responsibilities of educators. Internal Quality assurance cell, VMCON, Karaikal, 31 August 2020.
17. Faculty Development Update on Revised NAAC Accreditation Process of Health Sciences Colleges; Lessons Learned. Bishop Benziger college e of nursing, Kollam, 3 September 2020.
18. Webinar on EVIDENCE not be RoBbed. Government College of Nursing, Thiruvananthapuram, 7 September 2020.
19. Webinar on Inferential Statistics in Nursing Research. Sanjoe College of Nursing, 9 September 2020.
20. Webinar series on Innovation in Teaching Method for Nursing Education. The Nursing Teachers Association, India, 10-13 September 2020.
21. Webinar on Virtual Clinical learning in Nursing during COVID – 19. Amrita College of Nursing, Kochi, 19 September 2020.
22. Webinar on Mixed Method Research. Samaritan College of Nursing, Kerala, 24 September 2020.
23. National Webinar on Use Heart to beat CVD. Narayan Nursing College, Gopal Narayan Singh University, Rohtas, 29 September 2020.
24. International webinar on Critical Care Nursing Challenges- Role of Critical Care Nurse Practitioners. Lisie College of Nursing, Ernakulam, 29 & 30 September 2020.
25. Virtual National Conference on Nurses in health Care Leadership. KGMU College of Nursing, King George's Medical University, Lucknow, 11- 12 February 2021.
26. National Webinar series on Elderly Abuse & Neglect. Manipal College of Nursing, MAHE, Manipal in collaboration with Gerontological Nurses Association of India funded by National Institute of Social Defence, New Delhi, 23 February 2021.

Faculty: Community Health Nursing

S.No.	Name of the faculty	Designation
1	Gomathi A	Associate professor
2	Mamta	Assistant professor
3	Rishi DuttAvasthi	Tutor / Clinical Instructor (Nursing)
4	Arvind	Tutor / Clinical Instructor (Nursing)
5	Manish Kumar Balai	Tutor / Clinical Instructor (Nursing)
6	Hanuman Ram Bishnoi	Tutor / Clinical Instructor (Nursing)
7	MinakshiShayar	Tutor / Clinical Instructor (Nursing)
8	Satyaveer	Tutor / Clinical Instructor (Nursing)
9	NeetuTripathi	Tutor / Clinical Instructor (Nursing)

Name of Faculty: Gomathi Arumugam

Designation: Associate professor

Research Project:**Ongoing:****As Co-Investigator**

1. Fear of fall, level of functional Independence and Preventive Practices among Elderly: A Cross-sectional Study.
2. Anxiety and coping strategies among COVID 19 infected non infected Nursing Officers at AIIMS Jodhpur: A Comparative Study

As Principal Investigator:

1. A cross-sectional study to assess knowledge and Practices regarding infant and young child feeding among mothers residing in selected rural area of Jodhpur.
2. Prevalence of type 2diabetes mellitus and to evaluate the effectiveness of gooseberry juice versus mucilage of okra (lady's finger) in controlling blood sugar level among adults with type 2 diabetes mellitus in selected rural settings of Pondicherry. (Ph.D. study)
3. A study to address the challenges regarding the Diabetes Programmatic management among tuberculosis patients under NTEP in Jodhpur, Rajasthan. (Under Process)

Membership/Post in Journal or Society or Association:

1. Life Member of Trained Nurses Association of India (TNAI): Reg. No. 162695/LMT.
2. Life Member of Society of Community Health Nurses of India (SOCHNI):231

National/ International Conferences attended

1. Virtual national conference on "Traditional medicine challenges and opportunities "organized by AIIMS Jodhpur, on March 19&20.

2. Online International webinar on "Palliative care: An Update" organized by JIET College of Nursing & DNP Care on March 13, 2021.
3. Online webinar on "Nursing Education in the World during the COVID-19 Pandemic": Experiences from India", held on March 11, 2021. organized by İzmir University of Economics Faculty of Health Science
4. International E-Conference on "Mental Health First Aid organized by the Nursing Division, Government of India" in collaboration with Department of Nursing, D Y Patil University School of Nursing, Navi Mumbai and National Institute of Mental Health & Neurosciences (INI), Bengaluru from 4th to 6th February 2021.
5. Online CME on "Changing Scenario of reproductive and maternal health issues during Covid-19 pandemic" 22nd December, 2020.
6. Successfully completed online "CovidSuraksha Course" conducted by distance education department of Christian Medical College, Vellore in collaboration with AzimPremji Foundation, on 13.11.2020.
7. Online National webinar on "Comprehensive evaluation of clinical learning through OSCE" organized by Government College of Nursing, Thiruvananthapuram on September 19th and 26 2020.
8. Online "Community Health Nursing Preparedness and Challenges in Covid -19" organized by Apollo College of Nursing, Chennai on 4th August 2020.
9. Participated in "Statistics in Health Research" on the occasion of National Statistics Day on 29 June 2020, organized by SPH AIIMS Jodhpur.
10. Attended the online Webinar on "Management of Obstetrics Emergencies Part I: Pre- eclampsia/ Eclampsia, Incomplete Abortion, Antepartum Haemorrhage and Severe Anemia" held on 18th May 2020, organized by Department of Obstetrics & Gynecology and Community Medicine & School of public health, PGIMER Chandigarh and UNFPA New Delhi.

Name of Faculty: Mamta

Designation: Assistant Professor

Research Project:

Ongoing:

As Principal Investigator

1. Menopausal symptoms and quality of life among women at selected area of Jodhpur, Rajasthan.

As Co-Investigator

1. A study to address the challenges regarding the Diabetes programmatic management among tuberculosis patients under NTEP in Jodhpur, Rajasthan. (Under process)

Completed:

As Principal Investigator

1. Assessment of COVID-19 induced anxiety and protective behaviour among nursing students.

As Co-Investigator

1. Knowledge and attitude towards Post-partum insertion of intra uterine devices (PPIUCD) among pregnant women attending antenatal clinic at AIIMS, Jodhpur

Scientific Awards/Patents

1. Outstanding researcher in Nursing Education award, Venus International Foundation, Chennai, October 2020.

Examinership

1. Question paper setter for Clinical Specialty-II Community Health Nursing Jan-2021, RUHS, Jaipur
2. Question paper setter for B.Sc. (Hons.) Nursing (Subject: Community Health Nursing-I). College of Nursing, AIIMS, Bhuvneshwar, Jan 2021.
3. Question paper setter of B.Sc. (Hons) Nursing 4th Year Supplementary Exam (Batch 2016) (Subject: Community Health Nursing-II), College of Nursing, AIIMS, Rishikesh, September 2020.
4. Internal examiner for B.Sc. (Hons.) Nursing (Subject: Community Health Nursing-I). College of Nursing, AIIMS, Jodhpur, Dec 2020.
5. Internal examiner for M.Sc. Nursing 1st year (Subject: Advance Nursing Practice). College of Nursing, AIIMS, Jodhpur, July 2020.

Membership/Post in Journal or Society or Association

1. Invited reviewer; PLOS ONE.
2. Review Editor; Editorial Board of Aging Psychiatry (specialty section of Frontiers in Psychiatry).
3. Invited reviewer; Medical Journal of Dr. D.Y. Patil Vidyapeeth, Pune, India.
4. Nursing life associate member; National Neonatology Forum.

National/ International Conferences attended:

1. International E-Conference on mental health first aid organized by Department of Nursing, DY Patil University School of Nursing, 4th-6th Feb 2021.
2. Workshop on Statistics made easy: Virtual SPSS workshop on Basics and beyond organized by PGIMER, Chandigarh, 26th-31st October 2020.
3. Webinar on Health Journalism in the times of COVID, School of Public Health, PGIMER, Chandigarh, 8th September 2020.
4. Webinar on eliminating Trans fats from oils/ fats and foods, School of Public Health, PGIMER, Chandigarh, 05th August 2020.
5. International Webinar on Community Health Nursing preparedness and challenges in COVID-19 organized by Apollo College of Nursing, Chennai, India, 4th August 2020.
6. Online interactive CME on Statistics in Health Research organized by School of Public Health, AIIMS, Jodhpur, 29th June 2020.
7. Certificate course on Essential upskilling for nurses on COVID-19 pandemic management organized by Trained Nurses Association of India, New Delhi, 26.06.2020
8. Webinar Training on ERMED resources organized by National Medical Library in association with Wolters Kluwer and Editage on the 03rd of June, 2020.
9. One week STTP on statistical analysis in SPSS software organized by REST Society for research international, Tamilnadu, India, 01-06 June 2020.
10. Online National summit on world no tobacco day 2020, E resource Centre for tobacco control (E-RCTC) organized by Deptt of Community Medicine & School of Public Health, PGIMER, Chandigarh, 29th May 2020.

Name of Faculty: Rishi Dutt Avasthi
Designation: Tutor/ Clinical Instructor (Nursing)

Invited Lectures

1. Community Precaution for covid-19, Health Awareness Seminar on Covid, Sep. 2020, SwasthyaKalyan. Jaipur

Resource Faculty

1. Emerging trends of Community Health Nursing, International E. conference, 4th -5th Dec. 2020.

Research Project:

Ongoing:

As Co-Investigator

1. A study to assess knowledge and expressed practise regarding solid waste management among household mother in Pratapnagar area of Jodhpur city (Rajasthan).
2. A study to address the challenges regarding the diabetes programmatic management among TB patient under NTEP in Jodhpur (Rajasthan). (Under process)
3. A study to explore myths and reality about corona vaccination among general public selected area of Jodhpur.

Name of Faculty : Arvind
Designation: Tutor/ Clinical Instructor (Nursing)

Research Project:

Completed:

As Co-Investigator

1. Knowledge and attitude regarding prevention of breast cancer among reproductive age group women in rural India: A Narrative review

National/international webinar or conference attended

1. On line CGR on statistics in health research organized by AIIMS Jodhpur, 29.06.2020
2. On line CGR on Update on COVID-19 Testing organized by AIIMS Jodhpur, 22.07.2020
3. International webinar on Virtual learning in nursing education: An emerging paradigm organized by Amity University, 29.07.2020
4. Webinar on: Breast feeding organized by KLE Academy of higher education and research Belagavi, 29.08.2020
5. Psychological First Aid: A multi-disciplinary approach organized by KLE Academy of higher education and research and Jefferson university Philadelphia, USA 19 &20 .08.2020
6. Webinar on Respiratory etiquette's -role of nurse in COVID-19 organized by Nanda college of nursing, 10.07.2020
7. Completion of COVID surakha course organized by CMC Vellore, 4.12.2020
8. International E conference on mental health first aid organized by DY Patil School of nursing, 4-6.02.2021

Name of Faculty: Manish Kumar Balai
Designation: Tutor/ Clinical Instructor (Nursing)

Research Project:

Completed:

As Co-Investigator

1. A study assess the COVID-19 preventive practices among the health care worker and public visiting the AIIMS, Jodhpur hospital.

Membership of association

1. TNAI (Trained nurses association India)
2. NRSI (Nursing Research society India)
3. SOCHNI (society of community health nursing India)

National international webinar or conference attended

1. International webinar on “Psychological first aid – a multidisciplinary approach” organized by institute of nursing sciences Belagaviin collaboration Thomas Jefferson University Philadelphia USA on 19th& 20 August 2020.
2. National webinar on “comprehensive evaluation of clinical learning through OSCE” organized by Government college of nursing Thiruvananthapuram on 19th& 26 September 2020.
3. National Webinar on “breast feeding” organized by institute of nursing sciences Belagavi on 29 August 2020.
4. International webinar on “Investing in the wound care nurse leader” presented by Joyce black on 16th July 2020.
5. International webinar series on “Virtual learning in nursing education: an emerging paradigm” organized by Amity university on 29 July 2020 to 1 August 2020.
6. Online certification course on “Basic course in biomedical research” awarded by ICMR AND National institute of epidemiology.

Name of Faculty: Hanuman Ram Bishnoi
Designation: Tutor/ Clinical Instructor (Nursing)

ResearchProject:

Ongoing:

AsPrincipal -Investigator

1. A study to explore myths and reality about corona vaccination among general public selected area of Jodhpur.

Name of Faculty: Satyaveer
Designation: Tutor/ Clinical Instructor (Nursing)

Research project:**Completed:****As principal investigator**

1. Assess the effectiveness of counselling module regarding vasectomy on the knowledge and attitude among married men in selected areas of Jodhpur

As Co-Investigator

1. Predictors of happiness among budding nurses in India.

Faculty: Obstetrics & Gynecological Nursing

S.No.	Name	Designation
1	Himanshu Vyas	Associate Professor & Nursing Superintendent
2	Dr. Arti	Tutor/Clinical Instructor
3	Dr. Deviga TT	Tutor/Clinical Instructor

Name of Faculty: Himanshu Vyas
Designation: Associate Professor & Nursing Superintendent

Resource Faculty:

1. Coordinator and faculty in Capacity Building of Nurses in District Hospitals, CHCs and PHCs for COVID – 19; 9th, 16th, 23rd and 30th May 2020, AIIMS Jodhpur
2. Resource Person in a webinar organised by ManikakaTopawala Institute of Nursing (MTIN) on the topic “Maternal Nutrition and Congenital Anomalies” on 24th October 2020.

Research Project:**Ongoing:****As Co- Investigator**

1. Level of satisfaction regarding IPD Services among COVID -19 positive patient admitted in AIIMS, Jodhpur

Completed:**As Co-Investigator**

1. Psychological experiences of nursing officers caring COVID – 19 patients at AIIMS, Jodhpur – A Qualitative Study
2. Satisfaction and barriers to online learning in nursing students at College of Nursing AIIMS, Jodhpur

Examinership& Paper Setter

1. B. Sc. (Hons.) Nursing IV Year, NINE, PGIMER, Chandigarh – July Aug 2020

2. B. Sc. (Hons.) Nursing and M. Sc. Nursing AIIMS, Jodhpur

Membership:

1. Life time member; Indian Association of Neonatal Nurses (IANN)

National/ International Conferences attended:

1. 1st E Grand Round Session on Clinical Challenge of COVID-19 Care organized by RISE with USAID and JHPIEGO on 29th Oct. 2020
2. Successfully completed Virtual Capacity Building Program for Midwifery Faculty organised by Indian Nursing Council & UNFPA from 1st to 8th December 2020. (15 CNE credit hours)
3. Successfully completed National Faculty Training program on Advanced Neonatal Resuscitation – INDIA organised by NNF and INC at SGT University, Gurugram on 5th February 2021 and certified as an Nursing Instructor of Advanced Neonatal Resuscitation – Valid till February 2023.
4. Attended webinar series organised by Indian Nursing Council on core midwifery competencies and organisation of care for mother and child during COVID – 19 pandemic.

Any other information:

1. Pursuing Ph. D. (Nursing) under the National Consortium, Indian Nursing Council (Registered in 2018). Working on the Ph. D. Project “Assessment of quality of maternal and new-born services and their impact on maternal-fetal outcome and maternal satisfaction at selected primary health centers of Rajasthan”

Name of Faculty: Dr. Deviga T

Designation: Nursing Tutor/ Clinical instructor (Nursing)

Resource Faculty:

1. Webinar regarding maternal care during COVID-19. 06.07.2020, Nandha college of Nursing, Erode
2. National webinar on providing safe MCH services at tertiary health care facility: during covid-19 outbreak. 28th July 2020, Ganga Sheel School of Nursing Bareilly, Uttar Pradesh, India
3. Qualified the exam of One Week STTP on Emerging trends in Research Methods (online mode). 08 June 2020 to 13 June 2020, REST Society for Research International (RSRI), Krishnagiri, Tamil Nadu, India
4. Pregnancy and birth during COVID-19 course completed on 12th August 2020, authored by maternity foundation.
5. Safe delivery champion certificate from My learning certificate exam in safe delivery app on 05 Sep 2020.
6. FACEN fellowship course completed from academy for clinical emergency nursing in India, AIIMS Delhi in the month of Dec 2020.

National/ International Conferences attended:

1. Webinar on Evidence Based Intrapartum care Practices and Respectful Maternity care. Organized by Department of Obstetrics & Gynecology and Community Medicine & School of public health , PGIMER Chandigarh and UNFPA New Delhi, 15th May 2020
2. Webinar on Management of Obstetrics Emergencies Part I: Pre- eclampsia/ Eclampsia, Incomplete Abortion, Antepartum Haemorrhage and Severe Anemia”. Organized by Department of Obstetrics &

Gynecology and Community Medicine & School of public health , PGIMER Chandigarh and UNFPA New Delhi, 18 May 2020

3. Webinar on Management of Obstetrics Emergencies Part II: Prolonged/Obstructed Labour, AMTSL, Post PartumHaemorrhage, Puerperal Sepsis and Pre-Discharge Assessment. Organized by Department of Obstetrics & Gynecology and Community Medicine & School of public health , PGIMER Chandigarh and UNFPA New Delhi, 20 May 2020
4. Webinar on Management of Gender Based Violence and Stigma and Discrimination against healthcare workers and patients during COVID-19 Pandemic. Organized by Department of Obstetrics & Gynecology and Community Medicine & School of public health , PGIMER Chandigarh and UNFPA New Delhi, 22 May 2020
5. Webinar on Influenza Vaccination in Healthcare Workers amidst COVID-19 Pandemic. Organized by Department of Community Medicine & School of public health , PGIMER Chandigarh, 23 May 2020
6. Virtual Global Symposium on Human Resources for Health: Optimizing the Health Workforce for Accelerating the Universal Health Coverage in India. Organized by UNICEF, WHO, 3rd & 4th December 2020

Name of Faculty: Dr. Arti

Designation: Nursing Tutor/ Clinical instructor (Nursing)

Resource faculty:

1. Support breast feeding for a healthier planet world breast feeding week 2020 (1-7 august 2020) invited guest speaker by GOPAL Narayan Singh university Patna, Bihar.

National/ International Conferences attended:

1. Psychological impact of covid-19 and lock down on general public “COVID-19 prevention and promotion of health, Social stigma and COVID-19” organized by nursing society of public health, research and empowerment, DMCH, Ludhiana, Punjab’
2. Indian Nursing Council with support of UNFPA organized a 3 set series of webinars on managing maternal health care during COVID-19 19 outbreak from June 22 to June 24, 2020 Joint secretary INC, New Delhi.
3. Attended webinar” Statistics in health research “on june29,2020 organized by school of public health, AIIMS Jodhpur.
4. Participated live webinar “clinical audit & evidence-based practice for quality improvement in nursing: Call for Action” on July 11,2020 organized by CNRS IN collaboration with ECHO India
5. Attended Webinar “infection control practices in COVID-19 on September 11, 2020 organized by Wolter Kluwer.
6. Participated webinar “Nurse led clinical: an extended role of nurse in non-communicable diseases “on September 15. 2020 organized by ECHO MOHFW India.
7. Participated webinar “midwifery led antenatal care “on September 25. 2020 organized by ECHO MOHFW India.
8. Participated National webinar “COVID-19 pandemic a challenge for educators: role of midwifery faculty in guiding students” on September 5, 2020 organized by society of midwives India

Any other information:

1. Completed PhD (Nursing Sciences) Baba Fariduniversity of health sciences, Faridkot, Punjab.

Faculty: Child Health Nursing

S.No.	Name	Designation
1.	Dr. Mukesh Chand Sharma	Associate Professor
2.	Remiya Mohan	Assistant Professor
3.	Joyce Joseph	Tutor/Clinical Instructor
4.	Raghu VA	
5.	Sanjeeta Dara	
6.	S K Mohanasundari	

Name of Faculty: Dr. Mukesh Chandra Sharma

Designation: Associate Professor

Research Project on going as**Principal Investigator –**

1. Dorothea Orem's Self-care deficit based theory approach -Development of tool to measure self-care agency of patient admitted in Critical Care Unit.

Co-Investigator-

1. Online micro teaching comparison of two methods for faculty teaching skills during Covid 19 and post Covid19 .
2. Improving quality of medical education through evaluation of multiple thematic opportunities in instructional method and assessment created during COVID 19 Pandemic.
3. Development of tool to measure preoperative parental anxiety for parents of children admitted for surgery in Paediatric ward at AIIMS, Jodhpur.
4. Health promoting behavior and its barriers among adolescents at selected urban schools of Jodhpur.
5. Awareness, attitude and acceptability of healthcare workers about Covid 19 vaccination in Western India.
6. Development and validation of a scale to measure self-care agency of children with type-1 diabetes mellitus: a sequential exploratory study.
7. Effectiveness of virtual learning resource material on knowledge and skill attainment of care givers of children with colostomy.
8. A study to assess the level of anxiety and coping mechanism among parents of children admitted in PICU.
9. A study to assess stool pattern of neonates admitted at AIIMS Jodhpur
10. A phenomenological study on existential lived experiences of parents having children diagnosed with Leukaemia.

Research Project completed as**Principal Investigator in completed project-**

1. COVID-19 infection preventive practices among health care workers and general public at selected area of Jodhpur, Rajasthan

Co-Investigator in completed project-

1. Effectiveness of an information booklet on knowledge and expressed practices regarding asthma management among parent of children suffering from asthma at AIIMS, Jodhpur.
2. Effectiveness of nurse led discharge instructions on knowledge and expressed practices regarding home care management among parents of post-operative discharge children admitted at AIIMS Jodhpur
3. Effectiveness of facilitated tucking on the physiological parameters and the level of pain among neonates undergoing intramuscular immunization in AIIMS, Jodhpur
4. Effectiveness of structured teaching program on knowledge regarding good touch and bad touch among children aged between 6-12 years in selected schools of Jodhpur.

Membership/ Post in Journal or Society or Association

1. Member, National Neonatology forum.
2. Member, Indian association of Neonatal nurses (IANN)
3. Trained nurses Association of India-membership number.
4. Phi Gama Chapter of Sigma Theta Tau
5. Reviewer in Biosciences Biotechnology Research Asia journal
6. Reviewer in Journal of Medical Evidence ,Nursing Open journal.

National/ International Conferences attended:

1. NRP Master Trainer Certificate Program by NNF, India at National Reference Simulation Centre, SGT University, Gurugram on 5th February, 2021.

Examiner -

1. External examiner Pediatric Nursing CS-II Question paper setter for M.Sc. (Hons) Nursing Second year professional examination, at JIPMER, Pondicherry.2020.
2. External examiner .CET Question paper setter for B.Sc. (Hons) Nursing Second year professional examination, at All India Institute of Medical Sciences, Rishikesh, 2020
3. External examiner .Nursing Research Question paper setter for Post Basic B.Sc. (Hons) Nursing Second year professional examination, at PGI ,Chandigarh ,2020

Any other information –

1. Appointed as Assistant Dean of Examination at AIIMS,Jodhpur
2. Member of Board of Studies, Staff council, IQAC, annual report committee , anti-ragging squad, document verification, monthly condemnation of linen PPE etc. at AIIMS, Jodhpur.

Name of Faculty: Remiya Mohan

Designation: Assistant Professor& Nursing Superintendent

Research Project:

As Co-Investigator:

1. Effectiveness of Flippits& virtual reality therapy on pain and anxiety among children undergoing painful procedures in AIIMS Jodhpur

Examinerships

1. Thesis evaluation [No – 03] of M.Sc Nursing Students, King George's Medical University, Lucknow, U.P.
2. Paper setter, B.Sc. Nursing, (Child health Nursing), AIIMS, Rishikesh, July 2020

Webinars (Attended):

1. Webinar on “Critical Care Nursing Management of COVID-19 Pandemic”, Centre for Continuing Nursing Excellence on 07 September 2020
2. Attended Live International webinar series on “Virtual Learning in Nursing Education: An emerging Paradigm” held on 29 July to 1st August at Amity College of Nursing, Amity University Haryana, Gurugram
3. Webinar on “Professional Publication in Nursing”, Centre for Continuing Nursing Excellence on 10 August 2020
4. Webinar on “Stress and Coping”, conducted by Centre for Continuing Nursing Excellence on 30 July 2020
5. Webinar on “Perinatal care during COVID-Guidelines to Midwives”, conducted by Sri BalajiVidyapeeth and Kasturba Gandhi Nursing College on 30 July 2020
6. Webinar on “International Day Against Drug Abuse and Illicit Trafficking”, conducted by Pediatric and Neonatal Nurses Forum India (PNNFI) and Amity University Haryana on 27 June 2020

Name of Faculty: Joyce Joseph

Designation: Nursing Tutor/ Clinical instructor (Nursing)

Research Project:

As Co-Investigator:

1. Knowledge and utilization of MCH services among mothers of Dhava village, Jodhpur.
2. Effectiveness of Flippits and virtual reality therapy on pain and anxiety among children undergoing painful procedures in AIIMS Jodhpur.
3. Perception of patient safety climate among Health Care workers with a view to develop and test the patient safety interventional protocol, at AIIMS Jodhpur, Rajasthan.

Webinars (Attended):

1. ‘Nursing Education in the World during the COVID-19 Pandemic : Experiences from India’, held on March 11, 2021, organized by Izmir University of Economics Faculty of Health Sciences
2. Webinar and Panel Discussion on Yoga and COVID-19 pandemic conducted by School of Public Health on August 27, 2020
3. Nurse- led clinics: An extended role of nurses in control of non- communicable diseases, 15 Sept. 2020
4. Psychological wellbeing of health care workers, 14 August 2020

Name of Faculty: Raghu VA
Designation: Nursing Tutor/ Clinical instructor (Nursing)

Guest lecture

1. Birth injury: its early diagnosis and management. College of Nursing, TeerthankerMahaveer University UP.

Research Project:

Ongoing:

As Co-Investigator:

1. Effectiveness of flippit and Virtual reality therapy on pain and anxiety among the children undergoing painful procedure in AIIMS, Jodhpur.

Completed:

As Co-Investigator:

1. A study assess the COVID-19 preventive practices among the health care worker and public visiting at AIIMS, Jodhpur.

Name of Faculty: Sanjeeta Dara
Designation: Nursing Tutor/ Clinical instructor (Nursing)

Research Project:

Ongoing:

As Principal Investigator

1. Awareness, attitude and acceptability of healthcare workers about COVID 19 vaccination in western India

As Co-Investigator

1. Status of Sero-positivity among asymptomatic frontline workers during the lockdown period due to Covid-19 Pandemic in Jodhpur

Completed:

As Principal Investigator

1. A Study to assess knowledge, attitude and practices of health care workers towards environmental cleaning in regards to COVID-19

National/ International Conferences attended:

1. Attended International e-webinar on "virtual learning in nursing education: An emerging paradigm" organized by Amity college of Nursing, Haryana held on 29th July to 1st August, 2020.
2. Attended e-seminar on "COVID-19 Pandemic: Progression & revolt in care of tiny tots" organized by VISWASS school and college of nursing, Bhubaneswar held on 5th August, 2020.

3. Participated as organizer in e-Webinar on “ Ensuring quality, equity and dignity of newborn care at every health facility and everywhere” organized by Pediatric and Neonatal nurses forum, India held on 19th November, 2020
4. Participated and got certificate of appreciation in “online Neonatal Nursing quiz” on theme “ Ensuring quality, equity and dignity of newborn care at every health facility and everywhere” organized by M.M. college of nursing, M.M. (deemed to be university) in collaboration with Indian association of Neonatal nurses (IANN) held on 27th November, 2020.
5. Attended International e-webinar on “Implication of Educational policy and technology in nursing education- A global view” organized by PSG college of nursing, Tamil Nadu held on 27th November, 2020.
6. Attended the e-webinar on - "Inferential Statistics applying SPSS" organized by Amity college of Nursing, Haryana held on 21st December
7. Attended the “International E-Conference on “Mental Health First Aid” organized by the Nursing Division, Govt. of India in collaboration with Department of Nursing, D Y Patil University School of Nursing, Mumbai and National Institute of Mental Health and Neurosciences (INI), Bengaluru held from 4th to 6th February, 2021.
8. Participated in e-Webinar on "Nurses in health care leadership" organized by KGMU college of Nursing, Lucknow, U.P. held on 11th-12th Feb 2021.
9. Attended e-Webinar on “Respectful Maternity Care in Covid/Non-Covid Era: Pregnant Women Deserve Quality Care in any situation” organized by Mahatma Gandhi Institute of Medical Sciences, Sevagram, NKP Salve Institute of Medical Sciences, Nagpur and Indira Gandhi Institute of Medical Sciences, Nagpur in collaboration with NQOCN held on 8th March, 2021
10. Participated in e- webinar “Nursing Education in the World during the COVID-19 Pandemic : Experiences from India”, organized by Faculty of Health Sciences İzmir University of Economics held on 11th March,2021.

Name of Faculty: SK Mohanasundari

Designation: Nursing Tutor/ Clinical instructor (Nursing)

Resource Faculty:

1. Mohanasundari SK. National webinar on providing safe MCH services at tertiary health care facility during covid-19 outbreak. Ganga Sheel school of Nursing. Bareilly. 28 July 2020.

Faculty: Psychiatric Nursing

S. No.	Name	Designation
1.	AashishParihar	Assistant Professor
2.	AnantChandrakantChopade	Tutor/Clinical Instructor (Nursing)
3.	Anoop Sharma	Tutor/Clinical Instructor (Nursing)
4.	Asif Khan	Tutor/Clinical Instructor (Nursing)
5.	Jaishri	Tutor/Clinical Instructor (Nursing)
6.	IrasangappaMudakavi	Tutor/Clinical Instructor (Nursing)
7.	Sanjay Sevak	Tutor/Clinical Instructor (Nursing)

Name of Faculty : Aashish Parihar
Designation : Assistant Professor

Conferences & workshops/ Webinar Organized:

1. Organized Training of Trainers program on 'Promotion of mental health of healthcare providers during the COVID-19 pandemic' from 15.03.21 to 17.03.21. It is a requisite for obtaining the certificate of Master trainer.

Research Project

Ongoing: As Principal Investigator

1. Psychological Impact of Magnification of Health Warning on Tobacco Products in terms of Attitude towards Abstinence on Use of Tobacco.

Examinership& Paper Setter

1. AIIMS, Jodhpur
2. AIIMS, Rishikesh
3. AIIMS, Bhubaneshwar
4. SGRD, Amritsar
5. RUHS, Jaipur

Conferences & workshops/ Webinar Attended:

1. Webinar Training on ERMED resources organized by National Medical Library in association with Wolters Kluwer and Editage on the 03rd of June, 2020.
2. Online Interactive CME: "Statistics in Health Research" on the occasion of National Statistics Day on 29 June 2020, organized by SPH AIIMS Jodhpur.
3. Live Webinar "Love to live" on international Suicide Prevention Awareness organized by JIET College of Nursing, Jodhpur on 30.09.2020
4. Training Course on Research Methodology for Nursing Professionals organized by NIHFW, New Delhi from 19.10.2020 to 23.10.2020
5. "Statistics Made Easy: Virtual SPSS Workshop on Basics and Beyond". from 26.10.2020 to 31.10.2020 organized by PGIMER Chandigarh.
6. Training of Trainers program on 'Promotion of mental health of healthcare providers during the COVID-19 pandemic'. This program is funded by WHO-India and conducted by Department of Nursing, NIMHANS in collaboration with Department of Clinical Psychology, NIMHANS, WHO – India and MoH&FW. January 20th and 22nd, 2021.
7. "International E-Conference on Mental Health First Aid" organized by the Nursing Division, Government of India in collaboration with Department of Nursing, D Y Patil University School of Nursing, Navi Mumbai and National Institute of Mental Health & Neurosciences (INI), Bengaluru from 4th to 6th February 2021.

Name of Faculty: AnantChandrakantChopade
Designation: Nursing Tutor/ Clinical instructor (Nursing)

National/International Conferences attended:

1. E-Conference on "Professional Publication in nursing" conducted by Centre for Continuing Nursing Excellence (CCNE). on 10th August 2020.

2. Webinar on “Breast Feeding” conducted by KLE Academy of Higher Education and Research,(KAHER) Belagavi.Karnataka. on 29th August 2020.
3. E-Conference on “Oncological Nursing”conducted by Centre for Continuing Nursing Excellence (CCNE).on 5th October 2020.
4. E-Workshop on “Research Methodology For Nurses” conducted by Krishna Institute of Medical Sciences(KIMS) Karad,Maharashtra.on 4th to 6th November 2020
5. International webinar on “ Boost up Abstinence.Breakup Substance use,Bring out Strategies” conducted by PSG College of Nursing,Coimbatore,TamilNadu,on 13th August 2020.
6. International webinar on “ Psychological First Aid...A Multidisciplinary Approach” conducted by KLE Academy of Higher Education and Research(KAHER),Belagavi.Karnataka. on 19th and 20th August 2020.
7. International webinar on “Quantitative Research Design” conducted by KLE Academy of Higher Education and Research(KAHER),Belagavi.Karnataka. on 25th November 2020.
8. International E-Conference on “Mental Health”conducted by D.Y Patil School of Nursing, Navi Mumbai, Maharashtra.on 4th to 6th Feb.2021.

Name of Faculty: Anoop Sharma

Designation: Nursing Tutor/ Clinical instructor (Nursing)

Completed:

As Co-Investigator:

1. Satisfaction regarding IPD services among covid-19 positive patients admitted at AIIMS, Jodhpur.

National/ International Conferences attended:

1. Web Conference ON World Health Day: "Support Nurses and Midwives" organized by INC.
2. Web Conference ON "Managing Maternal Care during COVID outbreak" organized by INC.
3. Webinar and Interactive Session on “Psychological Wellbeing of Health Care Workers” by AIIMS Jodhpur
4. Webinar on Covid 19 pandemic and Yoga organized by school of public health, AIIMS Jodhpur.
5. Renaissance Webinar Series: Infection control practices in Covid19 organized by wolters Kluwer.
6. "Nurse led clinics: An extended role of Nurses in Control of Non-Communicable Diseases." Organized by project ECHO.

Name of Faculty: Asif Khan

Designation: Nursing Tutor/ Clinical instructor (Nursing)

Research Project:

As Co-Investigator:

1. Psychological Impact of Magnification of Health Warning on Tobacco Products in terms of Attitude towards Abstinence on Use of Tobacco

Completed:

As Co-Investigator:

1. Predictors of Happiness among Budding Nurses in India.

Examinership

1. Invigilator for NORCET examination

National/ International Conferences attended:

1. "ADVANCED NURSING RESEARCH: A STEPPING STONE FOR EVIDENCE BASED PRACTICE" organized by SUMANDEEP NURSING COLLEGE, Vadodara, 27.05.2020 to 30.05.2020

Name of Faculty: Jaishri

Designation: Nursing Tutor/ Clinical instructor (Nursing)

National/ International Conferences attended:

1. International E-Conference on Mental Health First Aid. Organized by the Nursing Division, Government of India in collaboration with Department of Nursing, D Y Patil University School of Nursing, Navi Mumbai and National Institute of Mental Health & Neurosciences (INI), Bengaluru. 4th to 6th February 2021
2. Virtual Master Training of Trainers program on 'Promotion of mental health of healthcare providers during the COVID-19 pandemic'. Organized by WHO-India and conducted by Department of Nursing, NIMHANS in collaboration with Department of Clinical Psychology, NIMHANS, WHO – India and MoH&FW. 28 to 30 December 2020
3. Virtual Global Symposium on "Human Resources for Health: Optimizing the workforce in the Health Sector in India". Organized by NIHF in partnership with UNICEF, WHO and Virtual Partner ECHO. 3rd & 4th December, 2020
4. Webinar on "Nurses as Ambassadors to ensure Mental wellbeing for all. Organized by the Nursing Division, MoHFW, Government of India. 13 October 2020
5. Webinar Nurse led clinics: An extended role of Nurses in Control of Non-Communicable Diseases. Organized by INC. 15 September 2020
6. Webinar on psychological well-being of health care workers. organized by AIIMS Jodhpur. 14 August 2020

Name of Faculty: Irasangappa Mudakavi

Designation: Nursing Tutor/ Clinical instructor (Nursing)

Invited Lectures

1. Emotion and Stress during COVID 19 Pandemic, 2nd July 2020. Vatsalya Institute of Nursing, Anand, Gujarat.

Research Project:

Ongoing:

As Principal Investigator

1. Effectiveness of Transitional Nursing Care on process of recovery, prevention of relapse and readmissions among individuals with severe mental illness: A prospective study in Institution of National Importance Rajasthan, India.

As Co-Investigator

1. A Cross-sectional study to assess the efficacy of magnification of health warning on tobacco Packets on abstinence towards use of tobacco among the outpatients of AIIMS, Jodhpur."

Completed:

As Co-Investigator

1. "Factors responsible for perceived stigma and discrimination on mental illness: a comparative study" and thesis proposal titled "Nomophobia and its impact on Mindfulness and Self efficacy among nursing officers at AIIMS Jodhpur

Scientific Awards/Patents

1. Distinction in Pre-Ph.D Nursing exam. National Consortium for Ph.D Nursing, Indian Nursing Council, New Delhi. 12th September 2020.
2. Secured 80% score in online Quiz Competition on Creating Cognizance on COVID-19 by DambiDolloUniversity, Ethiopia on 17/06/2020
3. Master Trainer for the Training of Trainers (TOT) Programme on "Promotion of Mental Health of Healthcare Providers during COVID-19 Pandemic", NIMHANS, MOHFW, WHO. 28th to 30 December, 2020.
4. Achieved Certificate of Excellence in "Certified Peer Reviewer Course" conducted by the Elsevier Research Academy on 19th February, 2021.

Examinership/Observer

1. NORCET. iON Zone, Laxman Nagar, BANAR Jodhpur. 21 August 2020.
2. NORCET. Army Academy, BANAR Jodhpur. 8th September 2020.

Membership/Post in Journal or Society or Association

1. Life Member, Nursing Research Society of India (NRSI)

Name of Faculty: Sanjay Sevak

Designation: Nursing Tutor/ Clinical instructor (Nursing)

Examinership

1. Paper-setter in Mental health Nursing (Second year Post Basic B Sc Nursing) Rajasthan University of health sciences, Jaipur. 2020-21.

National/ International Conferences attended:

1. Attended International e-Workshop on "Imbibe Research Culture to Empower Nursing Professional for Imparting Quality Health Care" Organized by: KIIT-DU in association with Indian Council of Medical Research (ICMR) on 17th, 18th & 19th December 2020.
2. Attended National workshop on "Statistics Made Easy: Virtual SPSS Workshop on Basics and Beyond" organised by Integrated Association of Medical, Basic and Social Scientists (IAMBSS), in association with National Institute of Nursing Education PGIME and Chandigarh university on 26th October to 31st October, 2020.
3. Attended Training programme on 'Promotion of mental health of healthcare providers during the COVID-19 pandemic' organised by College of Nursing AIIMS Jodhpur on 16 to 17 March 2021 at College of Nursing AIIMS, Jodhpur.
4. Attended International E-conference on "Mental Health First Aid" organized by the Nursing Division, Govt. of India in collaboration with Department of Nursing, D Y Patil University School of Nursing, Navi Mumbai and National Institute of Mental Health and Neurosciences (INI), Bengaluru from 4th to 6th February, 2021.

School of Public Health (SPH)

(School of Public Health, All India Institute Medical Sciences, Jodhpur, Rajasthan, India)

About the Department

SPH-AIIMS Jodhpur is dedicated to provide excellence in public health education, research, fellowship, training, and highest standard of care to community. The Master of Public Health (MPH) program at AIIMS, Jodhpur is developed to provide professionals the critical multidisciplinary training to help tackle various public health issues and achieve leadership position. It provides a platform to public health enthusiasts to apply public health concepts, principles, and methodologies obtained through course work to actual health problems in the community or work environment.

SPH was started in 2017 and till date three batches have passed. Currently SPH has two batches of MPH (2020 & 2021). Students of SPH apart from classroom teaching & training have been provided opportunity of internships/ observer-ship at various governmental organization and reputed NGO's such as SIHFW – Rajasthan (Jaipur), NIHFW – New Delhi, NHM – Rajasthan, NHSRC – New Delhi, Care India, Help Age International, Engender Health, Regional Medicine Research Centre (RMRC) – Bhubaneswar, DMRC Jodhpur, ISRO, Jodhpur, Department of Social Justice and Empowerment, Jodhpur etc. to gain an understanding of the policy process; to refine the knowledge of the principles of health equity across all genders and age groups; for an insight to the process of health technology assessment; and to have an experience of a core institute dedicated to research process. Students of earlier batch have been offered placements in various reputed governmental & non- governmental agencies such as DMRC, INCELN, National Institute of Tuberculosis and Respiratory Diseases, Care India, RMRC, PGIMER, NHSRC, ICMR etc.

Workshops/ Outreach Activities Organized:

Sr. No.	Name of Workshop/Outreach Activities	Date
1.	Sensitization through a series of activities by SPH Students on World TB Day 2021 like through IEC & Face masks & face paintings	March 24, 2021
2.	Sensitization of health workers on World Oral Health Day by MPH Scholars in line with this year's theme – "Be Proud of Your Mouth"	March 20, 2021
3.	Training of MPH Scholars under Various Projects at ICMR-NIIRNCD, Jodhpur	March 2021
4.	Three-day training session of MPH Scholars at Station health Organization (SHO), Jodhpur	March 2021
5.	International Women's Day Celebration by MPH Scholars at Doli Village Jodhpur	March 09, 2021
6.	Training and Participation in COVID -19 Vaccination	Ongoing Since January 2021
7.	Advocacy for "Health for all: Protect Everyone" on Universal Health Coverage Day	December 12, 2021
8.	Webinars on Therapeutic Diets from September 2020 to November 2020	Sept 30– Nov 7, 2020

9.	Launch "BADLAV" Program	September 05, 2020
10.	Webinar on "Yoga and COVID-19 Pandemic"	August 27, 2020
11.	Organize a Training of Trainers "Screening of Common Cancer	August 24–28,2020 January 27–31,2021 February 01–05, 2021 February 15–19, 2021 March 22–26, 2021
12.	Health Awareness Camp at Prem Sagar- Gram PanchayatGaje Singh Nagar in Shergarh by MPH Scholars in collaboration with Jal Bhagirathi foundation	August 18, 2020
13.	Online interactive CME: "Statistics in health research "on the occasion of National Statistics Day	June 29, 2021
14.	Capacity building program on "Managing the Human Resource, Handling the COVID Pandemic" under Indian Technical & Economic Cooperation program, Ministry of External Affairs, Govt. of India	June 23, 2021
14.	Covid Awareness through social media by Video & Posters by MPH Scholars	March to April 2020

Projects (Ongoing and Completed):

Sr. No.	Name of Workshop/Outreach Activities	Status
1.	Study of perception and attitude of health worker engaged in management of COVID-19	Completed
2.	Study of perception and attitude of family members of health workers engaged in Management of COVID- 19	Completed
3.	Risk factors for developing symptomatic COVID-19 as compared to asymptomatic SARS-CoV2 infection in Jodhpur, India.	Ongoing
4.	Enhanced testing, tracing and tracking strategy (ETTTS) for effective containment of COVID -19 in Jodhpur	Completed
5.	Home Vs Facility base isolation and quarantine in Jodhpur during COVID-19 pandemic: An Exploratory study	Completed
6.	Combined model study to investigate the challenges faced by Front line health managers at district level in this time of Pandemic of COVID-19-Multicentric approach	Completed
7.	"A phase III, randomized, multi-center, double blind, placebo controlled, study to evaluate efficacy, safety and immunogenicity of Novel Corona Virus -2019- nCov vaccine candidate of M/s Cadila Healthcare Limited. "	Ongoing
8.	National Clinical Registry COVID-19: ICMR	Ongoing
9.	Risk factors for SARS-CoV-2 infection among health care workers in	Ongoing

	India: A Case Control Study	
10.	Study of short term and long-term outcomes in asymptomatic covid-19 patients admitted in the quarantine centre	Completed
11.	Introduction of the WHO ICOPE (Integrated Care Older Persons) model of assessment, care and referral of older persons in a low resource rural – tribal primary care setting in India.	Ongoing
12.	Assessment oral health status of symptomatic COVID-19 patients in a dedicated COVID facility in Jodhpur Rajasthan: A cross sectional study	Completed
13.	Evaluation and efficacy and Safety of Ayurveda Intervention (Ayush-64) add-on therapy for patients with COVID-19 infection (Stage I) – An open labelled, Parallel Group, randomized controlled clinical trial.	Completed

Guest Faculty Online Sessions:

S. No.	Name of Guest Faculty	Designation & Organization	Date of Lecture
1	Dr. AnantBhan	Researcher, Global Health, Bioethics and health Policy (Bhopal), Adjunct Professor (Venepoya) and Adjunct Faculty (KMC Manipal)	23/09/2020
2	Dr. Vikas Desai	Technical Director, UHCRCE Surat, Former Additional Director (FW), Director RCH & Professor and HoD of Community Medicine Department, Gujrat Government	04/09/2021
3	Dr. SaurabhDalal	Consultant, Medical Preparedness and Biological Disasters, NDMA	11/7/2020
4	Dr. Manish Chaturvedi	Professor, NIHFV	10/7/2020
5	Dr. Rajani R. Ved	Executive Director, NHSRC	8/7/2020

Publications :

- Joshi NK, Bhardwaj P, Singh K, Joshi V, Praveen S. Assessment of Computerized Medical Equipment Management and Maintenance System from Health Technology Assessment (HTA) Perspective: Need and Approach. Health Technology Assessment in Action. 2021;
- Joshi NK, Goel A, Bhardwaj P. Containment strategies to prevent spread in different societies and cultures. In: The Coronavirus Pandemic and The Future Print ISBN: 978-1-83916-306-7 Royal Society of Chemistry (UK). 2021.
- Joshi V, Joshi NK, Komal B, Suthar P, Purohit A, Developing information, education and communication (IEC) strategies for tobacco cessation and HIV prevention in urban slums of Jodhpur city. International Journal of Health Sciences and Research. 2020;10(7):311–5.
- Sharma D, Suthar P, Joshi V, Joshi N. Study to Assess Awareness and Identify Knowledge Gaps Regarding COVID-19 among Nursing Students in Alwar. International Journal of Medical Science and Current Research (IJMSCR). 2020;3(4):634–8.

5. Rakhi D, Charu S, Bhardwaj P, Singh K, Joshi NK, Sharma P P. Effect of peer educator-PRAGATI (PeeR Action for Group Awareness through Intervention) on knowledge, attitude, and practice of menstrual hygiene in adolescent school girls. *Journal of Family Medicine and Primary Care*. 2020;9(7):3593–9.
6. Patel M, Bhardwaj P, Sharma D, Joshi NK, Kumar N, Singh K, et al. Public Health News Appraisal: An Approach to Content Analysis of News Article on Public Health. *Annals of the National Academy of Medical Sciences*. 2021;(01).
7. Joshi V, Chakraborty S, Joshi NK, Bajaj K, Sati B, Purohit A. Smokeless tobacco and its dependence among the urban-slum population of Jodhpur city. *Int J Community Med Public Health*. 2021;8(3):1186–90.
8. Joshi V, Chakraborty S, Joshi N, Bajaj K, Sati B, Purohit A. Perception about Oral Cancer and Its Risk Factors in an Urban-Slum Population of Jodhpur City. *International Journal of Medical and Biomedical Studies (IJMBS)*. 2021;5(2):189–93.
9. Joshi V, Joshi NK, Bajaj K. Tobacco use pattern, dependence, oral cancer awareness and health education needs among urban slum dwellers of Jodhpur city. *International Journal of Preventive Medicine*. 2020;
10. Joshi V, Joshi NK, Bajaj K, Bhardwaj P. HIV/AIDS awareness and related health education needs among slum dwellers of Jodhpur city. *Indian J Community Health*. 2020;32(1):167–9.
11. Joshi NK, SP Jain YK, Bhardwaj P. Perceived challenges and perception about ASHA-Soft (Monitoring and online payment system) in Jodhpur, Rajasthan. *JDMIMSU*. 2020;14(6(Special Issue)):102–3.
12. Joshi NK, Jain YK, Varsha J, Jyoti S, Niraj K, Bhardwaj P. Assessment of Health-Related Quality of Life among NCD patients. *International Journal of Public Health Sciences*. 2021;10(4).
13. Joshi NK, Bhardwaj P, Suthar P, Jain YK, Joshi V, Singh K. Overview of e-Health initiatives in Rajasthan: An exploratory study. *Journal of Family Medicine and Primary Care*. 2021;10(3):1369.
14. Joshi NK, Bhardwaj P, Suthar P, Joshi V. Study of feasibility and effectiveness of ASHA-Soft (Online Payment and Performance Monitoring System) program in Rajasthan. *Online Journal of Public Health Informatics*. 2020;12(1).
15. Joshi NK, Bhardwaj P, Suthar P, Jain YK, Joshi V, Manda B. Assessment of monitoring and online payment system (Asha Soft) in Rajasthan using benefit evaluation (BE) framework. *Journal of Family Medicine and Primary Care*. 2020;9(5):2405–10
16. Goswami D, Singh K, Bhardwaj P, Panda S, Goel A, Joshi N, et al. Economic Burden of Acute Stroke Care in Beneficiaries and Non-Beneficiaries under Social Security Schemes at Tertiary Care Hospitals of Western Rajasthan. *Annals of Indian Academy of Neurology*. 2020;23(5):661.
17. Giribabu D, Muvva VR, Joshi NK, Rao SS. Assessment of Epidemiological Implications Due to Serial Tropical Cyclones in India: Introspecting the Recent Sanitation Interventions. *Disaster Medicine and Public Health Preparedness*. 2020.
18. Mathur, Deepti; Patel, Mamta; Vyas, Pratibha; Kaushal, Rashmi; Dash, Girish Chandra; Goel, Akhil Dhanesh; Bhardwaj P; Gupta, Manoj Kumar; Joshi, Nitin Kumar Revitalising community engagement and surveillance challenges for strengthening dengue control in Jodhpur, Western Rajasthan, India - A mixed method study. *Journal of infection and public health* 2020. 13, 1755-1761 Pubmed.
19. Patel, Mamta; Bhardwaj P; Nebhinani, Naresh; Goel, Akhil Dhanesh; Patel, Kamlesh Prevalence of psychiatric disorders among older adults in Jodhpur and stakeholder's perspective on responsive health system. *Journal of family medicine and primary care*. 2020, 9 714-720 Pub Med.
20. Mathur D, Patel M, Vyas P, Kaushal R, Dash GC, Goel AD, Bhardwaj P, Gupta MK, Joshi NK Revitalizing community engagement and surveillance challenges for strengthening dengue control in Jodhpur, Western Rajasthan, India — A mixed method study. *Journal of Infection and Public Health*. 2020 Pub Med.



Construction & Development at AIIMS

Engineering Department AIIMS Jodhpur

S.No.	Name	Designation
1	Er. Pankaj Saxena	Executive Engineer (Electrical) (Looking after charge of Superintending Engineer)
2	Er. Chandresh Pareek	Assistant Engineer (Civil) (Looking after charge of Executive Engineer - Civil)
3	Er. Ajit Kumar	Junior Engineer Electrical
4	Er. Harshit Bhandari	Junior Engineer Electrical

Project Consultants
M/s HLL INFRA TECH SERVICES LTD.
(Since April'2016)

S.No.	Name	Designation
1	Er. Komal Singh Sambhalwal	Senior Manager (ID) (Transferred by PC-HITES on 19.12.2020)
2	Er. Yogesh Mathur	Project Engineer (Civil)
3	Er. Varun Kumar	Assistant Project Engineer (Mechanical)

Original DDPR Consultants - M/s Mathur & Kapre Associates Pvt. Ltd.

Original Construction Works at AIIMS, Jodhpur

The construction works at AIIMS, Jodhpur were taken up in four packages I to IV. All the four packages tenders for the construction works were awarded by MoH&FW, GOI. Till July 2015 the contractor payments for all the construction works had been made from MoH&FW, New Delhi office.

Status of construction works packages:-

Package	Name of Agency/Contractor	Nature of work	Contract Amount (Rs. In Crore)	Stipulated Date of Commencement & Completion as per agreement	Progress upto 31 st March 2020
I	M/s Consolidated Construction Consortium Ltd.	Medical College Complex Buildings	66.39	30.05.2010 29.08.2011	Work Completed on 30.04.2017
II	M/s L & T Ltd.	Hospital Complex Buildings	217.09	16.09.2010 15.09.2012	Work Completed on 20.12.2019
III	M/s SudhirGensets Ltd.	Electrical Services	43.38	19.08.2011 18.12.2012	Work Completed on 30.10.2015
IV	M/s Jatan Construction Pvt. Ltd.	Estate Services	51.84	04.07.2012 03.07.2013	Work Completed on 15.11.2016

**Engineering Officers Engaged through Outsourcing for looking after Maintenance
& miscellaneous works at AIIMS Jodhpur**

S.No.	Name	Designation
1.	Er. Mridul Mathur	Gas Officer (Mechanical)
2.	Er. Kunal Utralia	Junior Engineer (Electrical)
3.	Er. Gaurav Sharma	Junior Engineer (Electrical)
4.	Er. Kailash Paliwal	Junior Engineer (Electrical)
5.	Er. Piyush Bohra	Junior Engineer (IT)
6.	Er. Gaurav Sawriya	Junior Engineer (Mechanical)
7.	Er. Madhav Ram	Junior Engineer (Civil)
8.	Er. Neelu Mathur	Junior Engineer (Civil)
9.	Er. Akhil U.V. Singh	Junior Engineer (Civil)

Package – I
(Medical College Complex)

S.No	Name Of Building	Configuration	Total Floor (Sq.Metre)
1	Medical college	G+3	29560
2	Nursing college	G+2	6462
3	Ayush	G+1	1830
4	Elect. Sub-station-II	G	750
5	Waste management complex	G	624
6	Auditorium	G+2	4724
	Total		43950

Package – II
(Hospital Complex)

S.No	Name Of Building	Configuration	Total Floor (Sq.Metre)
1	WARD	G + 6	33192
2	OPD	G + 5	22081
3	D&T OT	G + 6	23383
4	TRAUMA	G+2	8865
5	ESS 1	G+1	3230
6	PMR	G+1	2920
7	ONCOLOGY	G+1	2966
8	WORKSHOP	G+1	2838
9	LAUNDRY	G	1563
10	MORTUARY	G	664
11	CAFETERIA	G	834
12	MGP – LGP	G	150
	Total		102686

Package – III
(Electrical Services)

S.No.	Description of Items	Remarks
1	2000 KVA DG SETS	04 SETS
2	1010 KVA DG SETS	03 SETS
3	33KV/433V OIL TRANSFORMERS – 2.5 MVA	05 NOS
4	33KV/433V OIL TYPE TRANSFORMERS – 1.6 MVA	02 NOS
5	HT PANELS	03 SETS
6	LT PANELS	27 SETS
7	UPS	4 x 600 KVA
8	UPS	2 X 160 KVA
9	20 KL BULK OIL STORAGE AND TRANSFER SYSTEM	2 SETS
10	SCADA SYSTEM	1 SET
11	SOLAR PHOTOVOLTAIC SYSTEM 60 KW	1 SET
12	BUS DUCT	
13	COMPREHENSIVE OPERATION & MAINTENANCE	6 YEARS

Package – IV
(Estate Services)

S.No	Name Of Building	Configuration	Total Floor (Sq. Metre)
1	Roads & Land Scape	Roads & Paths	43000 Sqm
2	Landscaping and Fountain Work	Horticulture	50000 Sqm
3	External Sewerage	HDPE Pipe Line	5000 Rmt
4	External Water Supply	DI/CPVC Pipe Line	5000 Rmt
5	External Fire Fighting	MS Pipe Line	8500 Rmt
6	Garden Irrigation System	HDPE Pipe Line	15700 Rmt
7	Pumps and Water Treatment Plants	Hydro pneumatic System	6 Sets
8	Bore Well	Borewell	3 Nos.
9	Sewage Treatment Plant	850 KLD MBR Based STP	850 KLD
10	Solar Hot Water System	5000 LPD & 2500LPD	6 + 2 = 8 Nos
11	External Lighting Works	External Lighting	For entire complex

The construction of the Residential Complex and Hostels had been completed on 15.01.2011 by M/s RSRDC Ltd.

Faculty Houses

S.No	Name Of Building	Description
1	Type-V	24 Units
2	Type-IV	22 Units
3	Type-III	18 Units

Staff Houses

S.NO	NAME OF BUILDING	Description
1	Type-II	70 Units
2	Type-I	32 Units

Hostel Blocks

S.NO	NAME OF BUILDING	No. of Rooms
1	PG & Interns Hostel	216
2	Resident Hostel	190
3	UG Boys Hostel	250
4	UG Girls Hostel	125
5	Nurses Hostel	200
6	Dining Block	1000 Person

Data of work done by CPWD for inclusion in Annual Report of AIIMS Jodhpur for FY 2020-21

Work executed Through CPWD in FY 2020-21 (Completed Works)						
S.No	Name of Work	Sanctioned Cost (Rs. In Crore)	Date of Commencement	Date of Completion	Progress up to 31st March, 2021	Remarks
1	Vertical Extension of Dinning Hall at AIIMS Jodhpur	4.96	Oct' 2018	April'2021	100%	Work Completed

Work Being Executed Through CPWD in FY 2020-21 (Work in Progress)						
S.N o.	Name of Work	Sanctioned Cost (Rs. In Crore)	Date of Commencement	Date of Completion	Progress up to 31st March, 2021	Remarks
1.	Central Animal House AIIMS at Basni, Jodhpur (Raj.).	6.92	Dec' 2018	July' 2021	98%	Civil Structure Works Completed, AC Ducting completed, Finishing and false ceiling work in progress. Work during the month could not executed due to Lockdown in Rajasthan.

2	New Boys Hostel for 300 Students & Construction of New Girls Hostel for 350 Students at AIIMS, Jodhpur.	73.68	Sept' 2019	Nov' 2021	45%	Slab casting of 9 th Floor in boys hostel and 8 th in girls hostel completed, flooring, plaster, and masonry work in progress. Progress of work badly suffered due to Covid-19 pandemic. Efforts are put in to restore and expedite progress of work.
3	100 Type V Quarters at AIIMS, Jodhpur	98.94	Jan' 2020	Jan'2022	3%	Work Hindered due to Lockdown because of COVID-19 pandemic.
4	Construction of Student Activity Centre at AIIMS Jodhpur.	25.03	Mar'2020	Sept'2021	36%	In service block works related to raft, walls and column has been completed. Also, slabs of 6 tanks and balancing tank area has been completed. In Electrical Sub-Station and swimming pool RCC structure up to Lintel Level is almost completed. Student Activity Centre entrance slab and Ground Floor column work is in progress. Swimming pool work is stopped as decision of depth of pool is not yet finalized by Architect. Work held up due to Covid-19 Lockdown in Rajasthan Efforts are put in to restore and expedite progress of work.



Engineering Team



Animal House Building



Student Activity Centre



Boys and Girls Hostel



Type – V Quarter



BSL – 3 Laboratory



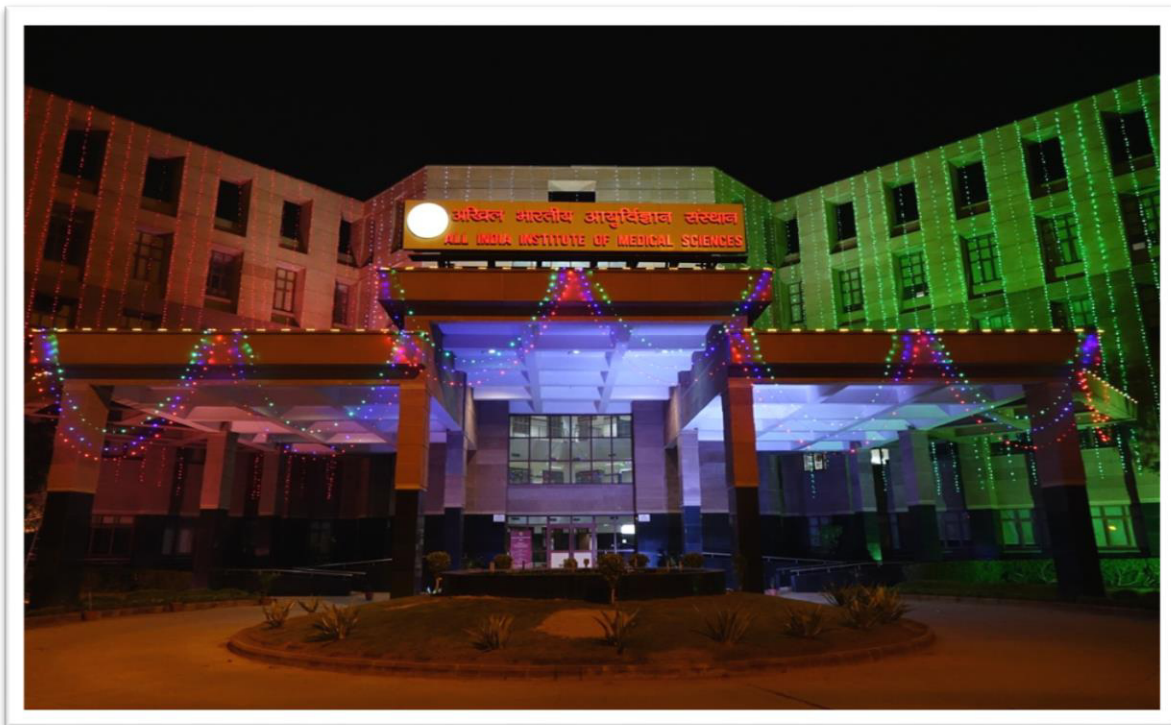
Aluminium Partiton for Dental Care



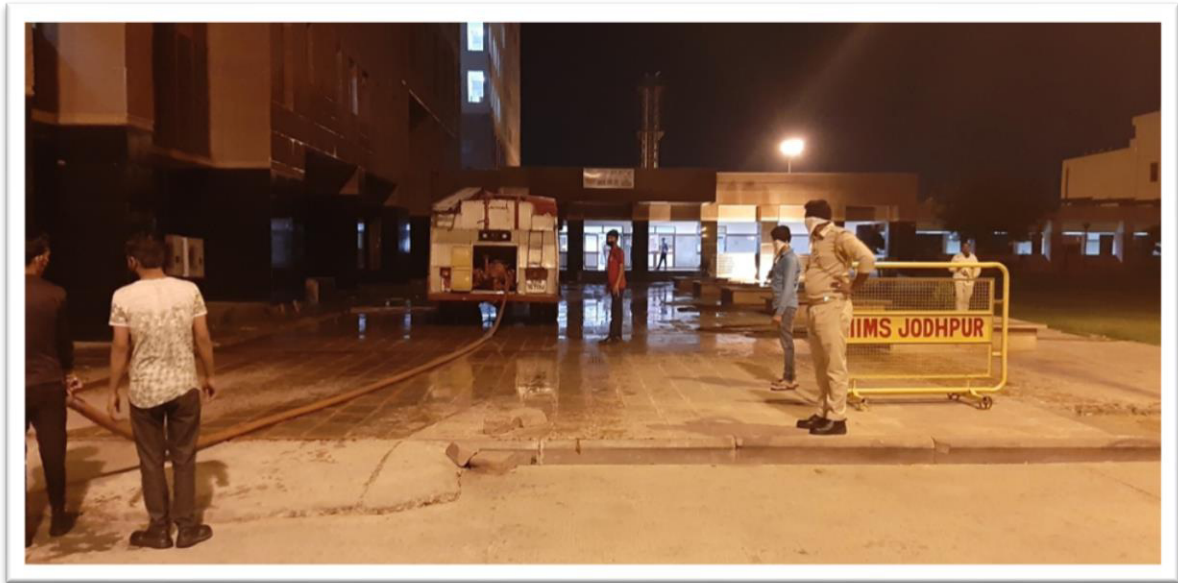
Inauguration of PAC CT in Trauma



Inauguration of Vertical Extension of Dining Hall



Independence Day Lighting



Sanitisation activities at IPD Building by Engineering during COVID-19



Sanitisation activities at Emergency by Engineering during COVID-19



World Patient Safety Day 17.9.2020



Plantation by Engineering Wing on World Earth Day 22.4.2020

Audited Annual Accounts



**ALL INDIA INSTITUTE OF MEDICAL SCIENCES,
JODHPUR**

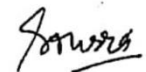
**FINANCIAL STATEMENTS FOR THE FINANCIAL YEAR
2020-21**

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR**BALANCE SHEET AS AT 31st MARCH 2021**

(Amount - Rs.)				
S. No.	PARTICULARS	SCHEDULE	Current Year	Previous Year
CORPUS / CAPITAL FUND AND LIABILITIES				
a)	CORPUS / CAPITAL FUND	1	97,97,00,273	88,30,22,488
b)	RESERVES AND SURPLUS	2	-	-
c)	EARMARKED / ENDOWMENT FUNDS	3	5,54,77,73,695	4,60,12,98,940
d)	SECURED LOANS AND BORROWINGS	4	-	-
e)	UNSECURED LOANS AND BORROWINGS	5	-	-
f)	DEFERRED CREDIT LIABILITIES	6	-	-
g)	CURRENT LIABILITIES AND PROVISIONS	7	1,18,07,80,179	92,42,12,757
TOTAL			7,70,82,54,147	6,40,85,34,185
ASSETS				
a)	FIXED ASSETS	8	4,63,07,02,406	3,50,67,41,669
b)	INVESTMENTS	9	-	-
c)	INVESTMENTS - OTHERS	10	53,20,00,000	53,20,00,000
d)	CURRENT ASSETS, LOANS, ADVANCES ETC.	11	2,54,55,51,741	2,36,97,92,516
e)	MISCELLANEOUS EXPENDITURE (to the extent not written off for adjusted)		-	-
TOTAL			7,70,82,54,147	6,40,85,34,185
SIGNIFICANT ACCOUNTING POLICIES		24		
CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS		25		

For and on behalf of All India Institute of Medical Sciences, Jodhpur


 S. N. Gurjar
 F&CAO

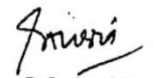

 Dr. Sanjeev Misra
 Director

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR**RECEIPTS AND PAYMENTS ACCOUNT FOR THE YEAR ENDED 31st MARCH 2021**

				(Amount - Rs.)		
RECEIPTS		Current Year	Previous Year	PAYMENTS		
		Current year	Previous year			
I. Opening Balances				I. Expenses		
a) Cash in hand	20,702	17,915	a) Establishment Expenses	2,69,99,57,442	1,89,56,20,163	
b) Bank Balances	1,12,21,18,472	45,04,85,472	(corresponding to Sch.20)			
			b) Administrative Expenses	1,97,23,03,911	1,69,83,41,011	
			(corresponding to Sch.21)			
			c) SAP Expenses	2,49,08,137	2,19,74,069	
			(corresponding to Sch.3)			
II. Grants In Aid Received				II. Investments and deposits made		
a) From Government of India			a) Fixed Deposit	-	-	
For Capital	1,45,00,00,000	1,40,10,00,000	(Investments - others)			
For Salary	2,51,00,00,000	2,06,60,00,000				
For General	2,20,00,00,000	1,90,58,00,000				
For SAP	2,00,00,000	3,00,00,000				
b) From State NHM	1,20,00,000	1,54,00,000				
III. Interest Received				III. Expenditure on Fixed Assets		
a) On Bank Deposits	5,44,38,252	5,95,01,040	a) Purchase of Fixed Assets	1,62,25,77,846	1,33,53,56,859	
IV. Other Income (Specify)				IV. Advances		
a) Fees Collection	42,52,393	39,74,793	a) Loans & Advances		2,35,14,857	
b) Receipts from Hospital Section	12,07,99,814	21,15,45,914	b) Sundry Debtors		5,70,72,325	
c) Application Fees	1,38,28,738	7,37,200				
d) Licence Fees	20,64,819	-				
e) Misc Income	14,91,907	-				
f) Rent Income	9,92,200	-				
g) Guest House Income	1,04,637	-				
V. Amount Borrowed/ Advance				V. Other Payments (Specify)		
a) Security & EMD of Tenders	3,08,42,949	3,06,97,803	a) Fund for Micrology lab	2,13,50,000	-	
b) Loans & Advances	2,36,49,901	-	b) Duties & Taxes	10,33,009	26,18,975	
c) Sundry Debtors	13,10,39,843	-	c) BSNL Security	3,898	-	
d) Caution Money & Hostel Security	3,39,500	3,23,100	d) Patient Treatment	18,08,459	-	
e) Patient Treatment	-	78,09,245	e) Application Money for Recruitment	1,03,03,738	-	
VI. Any other receipts				f) Others(Misc. Payments)	17,80,618	4,87,101
a) Sundry Creditors	99,19,062	-	g) Sundry Creditors	-	1,99,97,893	
b) Fixed Deposits	-	6,90,00,000				
c) Award for Kayakalp	31,25,000	-	VI. Closing Balances			
d) Others(LSPC)	1,08,841	34,64,019	a) Cash in hand	81,330	20,702	
e) Fund for Micrology lab	-	2,13,50,000	b) Bank Balances	1,35,49,28,542	1,12,21,18,472	
f) Application Money for Recruitment	-	2,14,925				
TOTAL	7,71,11,37,030	6,27,71,22,427	TOTAL	7,71,11,37,030	6,27,71,22,427	

For and on behalf of All India Institute of Medical Sciences, Jodhpur


 S. N. Gurjar
 F&CAO



 Dr. Sanjeev Misra
 Director

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR**INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31st MARCH 2021**

(Amount - Rs.)			
INCOME	Schedule	Current Year	Previous Year
Income from Sales / Services	12	12,07,99,814	21,15,45,914
Grants / Subsidies	13	4,50,62,84,104	3,77,12,27,098
Fees / Subscriptions	14	42,52,393	39,74,793
Income from Investments	15	-	-
Income from Royalty, Publication etc.	16	-	-
Interest Earned	17	5,11,55,655	6,16,45,394
Other Income	18	51,70,99,409	36,02,08,555
Increase / (decrease) in stock of Finished goods and works-in-progress	19	-	-
TOTAL (A)		5,19,95,91,375	4,40,86,01,754
EXPENDITURE			
Establishment Expenses	20	2,69,99,57,442	2,44,12,30,297
Other Administrative Expenses etc.	21	1,85,30,98,565	1,32,99,96,801
Expenditure on Grants, Subsidies etc.	22	-	-
Interest	23	-	-
Depreciation (Net Total at the year end - corresponding to Schedule 8)		49,86,17,108	35,65,44,660
TOTAL (B)		5,05,16,73,115	4,12,77,71,758
Balance being excess of Income over Expenditure (A - B)		14,79,18,260	28,08,29,996
Transfer to Special Reserve (Specify each)		-	-
TDS on Rent adjusted to Capital Account		-	4,000
Tender Fees Return		-	1,000
BALANCE BEING SURPLUS/ (DEFICIT) CARRIED TO CORPUS / CAPITAL FUND		14,79,18,260	28,08,24,996

For and on behalf of All India Institute of Medical Sciences, Jodhpur

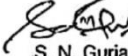

 S. N. Gurjar
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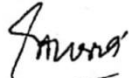

 Dr. Sanjeev Misra
 Director

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR**SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31st MARCH 2021**

		(Amount - Rs.)			
SCHEDULE 1 - CORPUS / CAPITAL FUND :		Current Year	Previous Year		
Balance as at the beginning of the year		88,30,22,488	66,38,42,886		
Add: Contribution towards Corpus / Capital Fund		-	-		
Add / (Deduct): Balance of net income / (expenditure) transferred from Income and Expenditure Account		14,79,18,260	28,08,24,996		
Less: Adjustmenet of P.Y.		84,820.00	-		
Less : Interest income transfer to Consolidate fund of India		5,11,55,655	6,16,45,394		
BALANCE AS AT THE YEAR - END		97,97,00,273	88,30,22,488		
(Amount - Rs.)					
SCHEDULE 2 - RESERVES AND SURPLUS		Current Year		Previous Year	
a) Capital Reserve:					
As per last Account		-		-	
Addition during the year		-		-	
Less : Deductions during the year		-		-	
b). Revaluation Reserve:					
As per last Account		-		-	
Addition during the year		-		-	
Less : Deductions during the year		-		-	
c) Special Reserves :					
As per last Account		-		-	
Addition during the year		-		-	
Less : Deductions during the year		-		-	
d) General Reserve :					
As per last Account		-		-	
Addition during the year		-		-	
Less : Deductions during the year		-		-	
TOTAL		-		-	

For and on behalf of All India Institute of Medical Sciences, Jodhpur


 S. N. Gurjar
 F&CAO


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 Director

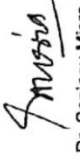
ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR**SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31st MARCH 2021**

	FUND-WISE BREAK UP										TOTAL	
	Deferred Income for Capital Assets		Grant Received for Capital Assets		Grant under SAP		Current Year		Previous Year		Current Year	Previous Year
	Current Year	Previous Year	Current Year	Previous Year	Current Year	Previous Year	Current Year	Previous Year	Current Year	Previous Year		
a) Opening balance of the funds	3,50,58,95,122	2,52,70,82,924	1,06,42,42,866	96,58,05,502	3,11,60,952	3,59,29,243	4,60,12,98,940	3,54,88,17,669				
b) Additions to the Funds:												
i) Donations / grants	-	-	1,45,00,00,000	1,40,10,00,000	2,00,00,000	3,00,00,000	1,47,00,00,000	1,43,10,00,000				
ii) Income from investments made on account of funds	-	-	-	-	-	-	-	-				
iii) Other additions	1,62,25,77,846	1,33,53,56,858	-	-	-	-	1,62,25,77,846	1,33,53,56,858				
iv) Fund Received	5,12,84,72,968	3,86,24,39,782	2,51,42,42,866	2,38,68,05,502	5,11,60,952	6,59,29,243	7,69,38,76,786	6,31,51,74,527				
TOTAL (a + b)												
c) Utilisation / Expenditure towards objectives of funds												
i) Capital Expenditure	-	-	1,61,76,03,533	1,32,25,62,636	49,74,313	1,27,94,222	1,62,25,77,846	1,33,53,56,858				
• Fixed Assets	-	-	-	-	-	-	-	-				
• Others	-	-	1,61,76,03,533	1,32,25,62,636	49,74,313	1,27,94,222	1,62,25,77,846	1,33,53,56,858				
ii) Revenue Expenditure	49,86,17,108	35,65,44,660	-	-	2,49,08,137	2,19,74,069	2,49,08,137	2,19,74,069				
• Salaries, Wages and allowances etc.	49,86,17,108	35,65,44,660	-	-	2,49,08,137	2,19,74,069	2,49,08,137	2,19,74,069				
• Rent & Others	-	-	-	-	-	-	-	-				
• Other For Depreciation adjustment	49,86,17,108	35,65,44,660	1,61,76,03,533	1,32,25,62,636	2,98,82,450	3,47,68,291	2,14,61,03,091	1,71,38,76,597				
Total	4,62,99,66,860	3,60,66,96,122	89,66,39,333	1,06,42,42,866	2,12,78,502	3,11,60,952	5,54,77,73,695	4,60,12,98,940				
TOTAL (c)												
NET BALANCE AS AT THE YEAR END (a + b - c)												

For and on behalf of All India Institute of Medical Sciences, Jodhpur



S. N. Gurjar
F&CAO




Dr. Sanjeev Misra
Director

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR**SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31st MARCH 2021****(Amount - Rs.)**

SCHEDULE 4 - SECURED LOANS AND BORROWINGS :	Current Year		Previous Year	
a) Central Government	-	-	-	-
b) State Government (Specify)	-	-	-	-
c) Financial Institutions	-	-	-	-
i) Term Loans	-	-	-	-
ii) Interest accrued and due	-	-	-	-
d) Banks:				
i) Term Loans	-	-	-	-
Interest accrued and due	-	-	-	-
ii) Other Loans (specify)	-	-	-	-
Interest accrued and due	-	-	-	-
e) Other Institutions and Agencies	-	-	-	-
f) Debentures and Bonds	-	-	-	-
g) Others (specify)	-	-	-	-
TOTAL	-	-	-	-
(Amount - Rs.)				
SCHEDULE 5 - UNSECURED LOANS AND BORROWINGS	Current Year		Previous Year	
a) Central Government	-	-	-	-
b) State Government (specify)	-	-	-	-
c) Financial Institutions	-	-	-	-
d) Banks:				
i) Term Loans	-	-	-	-
ii) Other loans (specify)	-	-	-	-
e) Other Institutions and Agencies	-	-	-	-
f) Debentures and Bonds	-	-	-	-
h) Others (specify)	-	-	-	-
TOTAL	-	-	-	-
(Amount - Rs.)				
SCHEDULE 6 - DEFERRED CREDIT LIABILITIES	Current Year		Previous Year	
a) Acceptances secured by hypothecation of capital equipment and other assets	-	-	-	-
b) Others	-	-	-	-
TOTAL	-	-	-	-

For and on behalf of All India Institute of Medical Sciences, Jodhpur



S. N. Gurjar
F&CAO



Dr. Sanjeev Misra
Director

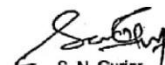
ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR

SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31st MARCH 2021

(Amount - Rs.)

SCHEDULE - 7 CURRENT LIABILITIES AND PROVISIONS	Current Year		Previous Year	
A. CURRENT LIABILITIES				
a) Acceptances	-		-	
b) Sundry Creditors				
i) Consolidated Consortium Limited	-		-	
ii) Sudhir Gensets Limited	-		-	
c) Advances Received	-		-	
d) Interest Accrued but not due on:				
i) Secured Loans/Borrowings	-		-	
ii) Unsecured Loans/Borrowings	-		-	
e) Statutory liabilities:				
i) Labour Cess & Others	-		10,55,096	
ii) NPS Payable	16,26,953		15,93,086	
iii) TDS on Contract / Non Salary	-		-	
iv) State Insurance	21,181		32,861	
v) Pension Scheme	26,16,160		25,07,319	
		42,64,294		51,88,462
f) Other Current Liabilities				
i) EMD Deposits of Various Tenders	12,36,38,568		9,27,95,619	
ii) Unspent Grant in Aid payable to Central Government				
Under Salary Head	-		14,31,85,538	
Under General Head	52,20,07,701		17,20,66,648	
iii) Hostel Fees (Refundable)	19,88,000		17,09,000	
iv) Caution Money (Refundable)	2,40,900		1,90,400	
v) Amount due of Contractors	2,80,49,756		2,15,52,279	
vi) Receipts for Patients Treatment from CMD/PMO/Others	1,35,88,568		1,54,97,027	
vii) Application Fee for				
Faculty Recruitment	-		2,25,227	
Staff Recruitment	-		1,00,78,511	
viii) Others	1,14,89,173		3,19,42,951	
ix) Interest earning remitted to Consolidate fund of India	26,36,76,883		21,25,21,228	
x) AIIMS Gorakhpur	8,19,44,002		-	
xi) Unspent Grant of NHM return to State Government	1,01,66,798		12,06,415	
TOTAL (A)		1,05,68,00,347		70,29,70,843
B. PROVISIONS				
a) For Taxation				
b) Others				
i) Electricity Expenses	1,35,45,533		72,16,387	
ii) Water Expenses	77,423		1,00,000	
iii) Telephone Expenses	1,19,280		3,57,666	
iv) Transport Expenses	23,89,632		32,18,312	
v) Manpower Services	-		3,43,31,280	
vi) Security Services	4,31,51,373		3,86,84,930	
vii) Repair & Maintance	2,04,88,869		1,39,52,291	
viii) Provision for Furniture	4,85,570		4,95,570	
ix) Learning Resource Allowance	-		1,25,55,374	
x) Stipend Exp.	-		29,84,500	
xi) Others	1,34,87,000		4,82,08,219	
xii) Hospital Support Services	1,49,19,732		4,23,82,023	
xiii) Housekeeping & cleaning	1,10,41,146		1,05,66,900	
		11,97,15,538		21,60,53,452
TOTAL (B)		11,97,15,538		21,60,53,452
TOTAL (A + B)		1,18,07,80,179		92,42,12,767

For and on behalf of All India Institute of Medical Sciences, Jodhpur



S. N. Gurjar
F&CAO





Dr. Sanjeev Misra
Director

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31st MARCH 2021

DESCRIPTION	GROSS BLOCK										DEPRECIATION		NET BLOCK				
	Depreciated on Rate	Cost / valuation as at the beginning of the year	Additions during the year (After 30th sep)	Additions during the year (Before 30th sep)	Deductions during the year	Cost / valuation at the year-end	As at the beginning of the year	On Additions during the year			On Cost / valuation at the beginning of the year	Total up to the year-end	As at the previous year-end				
								1	2	3			4	5	6	7	8
FIXED ASSETS		5,073				5,073									5,073		5,073
LAND (Leasehold Land)	0.00%	635,65,814	52,58,666			6,38,24,480	635,65,814								6,38,24,480		6,38,24,480
BUILDINGS	10.00%	2,26,19,208	10,28,89,760	80,87,08,073	91,10,08,455	2,17,31,33,883	2,26,19,208	3,71,72,164	3,71,72,164	1,54,34,988	5,37,56,966	1,75,47,279	1,44,94,487	1,77,15,434	18,04,11,846		1,95,16,282
PLANT MACHINERY & EQUIPMENT	15.00%	8,85,80,144	79,69,837	7,24,72,234	6,04,41,261	19,50,21,963	8,85,80,144	3,86,32,305	3,86,32,305	29,34,205	5,57,628	33,73,475	2,00,11,321	1,33,37,648	21,89,09,249		23,02,49,797
BURNTURE FATURES	10.00%	50,37,26,413	2,51,62,868	1,11,56,317	3,64,39,485	34,22,84,938	50,37,26,413	6,61,62,289	6,61,62,289	29,26,515	3,46,590	23,73,475	59,27,337	3,67,94,844	4,33,63,418		8,01,57,262
OFFICE EQUIPMENT	15.00%	8,20,16,165	1,35,10,090	46,26,135	1,81,38,225	13,56,57,220	8,20,16,165	2,43,82,481	2,43,82,481	89,91,994	10,86,562	2,43,82,481	82,33,789	4,06,66,219	9,38,91,005		14,47,57,239
SCIENTIFIC EQUIPMENTS	40.00%	6,59,51,069	3,90,13,283	1,44,82,698	7,95,08,932	21,98,59,976	6,59,51,069	13,53,34,817	13,53,34,817	40,18,652	58,27,609	1,22,04,300	1,47,58,332	18,03,97,739	4,53,72,238		3,08,53,010
COMPUTER PERIPHERALS	40.00%	17,62,18,229	2,63,71,184	1,02,80,598	3,66,51,750	11,23,98,856	17,62,18,229	6,69,69,009	6,69,69,009	40,18,652	58,27,609	1,22,04,300	1,47,58,332	18,03,97,739	4,53,72,238		3,08,53,010
LIBRARY BOOKS	48.00%	9,44,63,363	1,07,89,707	2,81,38,645	3,89,34,732	13,23,98,856	9,44,63,363	6,69,69,009	6,69,69,009	40,18,652	58,27,609	1,22,04,300	1,47,58,332	18,03,97,739	4,53,72,238		3,08,53,010
VEHICLES	0.00%														4,54,73,998		4,54,73,998
ELECTRIC INSTALLATIONS																	
OTHER FIXED ASSETS																	
TOTAL OF CURRENT YEAR		2,12,15,16,621	29,74,63,235	84,98,72,881	1,54,73,38,106	4,37,28,63,237	2,12,15,16,621	3,57,58,712	3,57,58,712	16,17,37,186	18,24,73,988	1,54,73,38,106	36,19,70,681	1,74,34,77,469	2,08,37,82,831		1,84,18,73,415
PREVIOUS YEAR		2,42,60,86,891	21,88,39,865	48,07,87,878	69,84,37,431	3,12,85,16,621	2,42,60,86,891	4,18,87,468	4,18,87,468	8,43,98,170	10,60,43,838	1,74,34,77,469	26,73,84,687	1,94,18,72,415	1,94,18,72,415		1,94,18,72,415
CAPITAL WORKS IN PROGRESS		1,54,62,18,612	10,88,18,177	37,20,03,731	67,96,21,703	1,31,64,86,028											
TOTAL		4,07,77,25,233	40,24,71,412	1,22,77,81,612	2,22,73,69,809	5,68,93,49,265	4,07,77,25,233	3,57,58,712	3,57,58,712	16,17,37,186	19,34,73,908	1,74,34,77,469	25,15,70,881	1,94,18,72,415	2,08,37,82,831		2,08,37,82,831

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31st MARCH 2021

DESCRIPTION	GROSS BLOCK										DEPRECIATION		NET BLOCK	
	Depreciated on Rate	Cost / valuation as at the beginning of the year	Additions during the year (After 30th sep)	Additions during the year (Before 30th sep)	Deductions during the year	Cost / valuation at the year-end	As at the beginning of the year	On Additions during the year			On Balance as on 1.4.18	Total up to the year-end	As at the previous year-end	
								1	2	3			4	5
PLANT MACHINERY & EQUIPMENT	15%	2,33,21,706		49,74,313	49,74,313	2,82,96,019	46,72,005		3,73,673	3,73,673	27,37,448	78,43,854	2,06,32,418	1,26,49,441
TOTAL OF CURRENT YEAR		2,33,21,706		49,74,313	49,74,313	2,82,96,019	46,72,005		3,73,673	3,73,673	27,37,448	78,43,854	2,06,32,418	1,26,49,441
PREVIOUS YEAR		1,93,27,664	8,47,910	49,88,312	1,27,94,232	2,33,21,706	17,86,628	12,82,117	3,18,473	18,00,600	0	44,72,085	2,04,33,432	1,84,49,844
CAPITAL WORKS IN PROGRESS														
TOTAL		2,33,21,706		49,74,313	49,74,313	2,82,96,019	46,72,005		3,73,673	3,73,673	27,37,448	78,43,854	2,06,32,418	1,26,49,441

For and on behalf of All India Institute of Medical Sciences, Jodhpur

 Dr. Sanjeev Misra
 Director

 S. N. Gupjar
 F&CAO

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR

SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31st MARCH 2021

(Amount - Rs.)		
SCHEDULE 9 - INVESTMENTS FROM EARMARKED/ENDOWMENT FUNDS	Current Year	Previous Year
a) In Government Securities	-	-
b) Other approved Securities	-	-
c) Shares	-	-
d) Debentures and Bonds	-	-
e) Subsidiaries and Joint Ventures	-	-
f) Others to be specified	-	-
TOTAL	-	-
(Amount - Rs.)		
SCHEDULE 10 - INVESTMENTS - OTHERS	Current Year	Previous Year
a) In Government Securities	-	-
b) Other approved Securities	-	-
c) Shares	-	-
d) Debentures and Bonds	-	-
e) Subsidiaries and Joint Ventures	-	-
f) Fixed Deposit Receipts with Bank of Baroda, Jodhpur	53,20,00,000	53,20,00,000
TOTAL	53,20,00,000	53,20,00,000
(Amount - Rs.)		
SCHEDULE 11 - CURRENT ASSETS, LOANS AND ADVANCES ETC.	Current Year	Previous Year
A. CURRENT ASSETS		
a) Inventories		
i) Stores	20,73,07,324	18,43,05,372
b) Sundry Debtors		
i) Debts outstanding for a period exceeding six months	-	-
ii) Others	-	-
c) Cash balances in hand	81,330	20,702
d) Bank Balances		
i) With Scheduled Bank Accounts :	(14,50,82,458)	(2,29,41,528)
ii) With Flexi Fixed Deposit Accounts :	1,50,00,11,000	1,14,50,60,000
e) Post Office Savings Accounts	-	-
TOTAL (A)	1,66,23,17,196	1,30,64,44,546
B. LOANS, ADVANCES AND OTHER ASSETS		
a) Loans :		
i) Staff	11,70,000	13,68,000
ii) Other Entities engaged in activities/objectives similar to that of the Entity	-	-
b) Advances and other amounts recoverable in cash in kind or for value to be received :		
i) On Capital Account(National Informatics Centre)	8,85,730	8,85,730
ii) Others(Security Deposit with JVVNL)	10,25,700	10,25,700
iii) Advance given to AIIMS, Patna for faculty recruitment	3,19,012	3,19,012
iv) Security With BSNL	8,998	5,000
v) Research cell	79,19,509	90,03,959
vi) Advances for equipment	-	3,60,76,731
vii) CPWD	21,46,24,888	28,37,50,675
viii) Security Deposit for Gas Connection	20,400	20,400
ix) HLL Lifecare Limited	40,41,12,123	46,81,79,658
x) Others	53,12,034	53,30,103
xi) Advances		
• Faculty	4,40,218	16,59,000
• Staff	11,99,153	9,66,383
• Contractor	5,27,82,918	1,96,72,740
ii) AIIMS Delhi	5,000	5,000
iii) Registrar-General Delhi Hight Court	16,53,96,561	16,53,96,561
v) New Pension Scheme Recovery	2,78,958	2,37,30,657
vi) AIIMS Rajkot	8,50,00,000	-
c) Income Accrued :		
i) Accrued Interest Income	4,25,33,344	4,68,15,941
d) Claim Receivables :		
i) Prepaid Exp.	-	1,34,520
TOTAL (B)	98,32,34,644	1,06,33,47,970
TOTAL (A + B)	2,64,55,61,740	2,36,97,92,516

For and on behalf of All India Institute of Medical Sciences, Jodhpur


 S. N. Gurjar
 F&CAO


 Dr. Sanjeev Misra
 Director

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR

SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31st MARCH 2021

(Amount - Rs.)		
SCHEDULE 12 - INCOME FROM SALES / SERVICES	Current Year	Previous Year
a) Income from Sales		
i) Sale of Finished Goods	-	-
ii) Sale of Raw Material	-	-
iii) Sale of Scraps	-	-
b) Income from Services		
i) Labour and Processing Charges	-	-
ii) Professional / Consultancy charges	-	-
iii) Agency Commission and Brokerage	-	-
iv) Maintenance Services (Equipment / Property)	-	-
v) Others	-	-
vi) Lab testing fees	1,79,11,075	7,10,43,957
vii) Registration fees	1,60,160	41,19,480
viii) IPD Collection	8,51,63,651	12,28,60,417
ix) Blood Bank receipts	2,83,888	5,04,612
x) Consultancy fees	3,17,180	36,35,800
xi) Trauma & Emergency	1,69,63,860	93,81,649
TOTAL	12,07,99,814	21,15,45,914
(Amount - Rs.)		
SCHEDULE 13 - GRANTS / SUBSIDIES (Irrevocable Grants & Subsidies Received)	Current Year	Previous Year
a) Central Government		
i) Under General head	1,85,00,58,947	1,76,14,13,350
ii) Under Salary head	2,65,31,85,538	1,99,56,20,163
b) State Government		
i) Under NHM	30,39,619	1,41,93,585
TOTAL	4,50,62,84,104	3,77,12,27,098

For and on behalf of All India Institute of Medical Sciences, Jodhpur


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ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR

SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31st MARCH 2021

SCHEDULE 14 - FEES / SUBSCRIPTIONS		(Amount - Rs.)	
		Current Year	Previous Year
a) Entrance and Mess Fees			
i) MBBS Fees		11,70,404	9,44,400
ii) Nursing Fees		1,97,910	1,30,095
iii) Fees for PG		3,10,266	1,94,308
iv) Fees for MPH		20,30,003	19,95,000
v) Fees for Other courses		5,43,810	7,10,990
TOTAL		42,52,393	39,74,793

SCHEDULE 15 - INCOME FROM INVESTMENTS (Income on Investment from Earmarked / Endowment funds transferred to Funds)	Investment from Earmarked Fund		Investment- Others	
	Current Year	Previous Year	Current Year	Previous Year
	a) Interest			
i) On Govt. Securities	-	-	-	-
ii) Other Bonds / Debentures	-	-	-	-
b) Dividends				
i) On Shares	-	-	-	-
ii) On Mutual Fund Securities	-	-	-	-
c) Rents	-	-	-	-
d) Others (Specify)	-	-	-	-
TOTAL	-	-	-	-

SCHEDULE 16 - INCOME FROM ROYALTY, PUBLICATION ETC.	(Amount - Rs.)	
	Current Year	Previous Year
a) Income from Royalty	-	-
b) Income from Publications	-	-
c) Others (specify)	-	-
TOTAL	-	-

For and on behalf of All India Institute of Medical Sciences, Jodhpur


 S. N. Gurjar
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 Dr. Sanjeev Misra
 Director

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR

SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31st MARCH 2021

(Amount - Rs.)		
SCHEDULE 17 - INTEREST EARNED	Current Year	Previous Year
a) On Term Deposits		
i) With Scheduled Banks	5,11,55,655	6,16,45,394
ii) With Non Scheduled Banks	-	-
iii) With Institutions	-	-
iv) Others	-	-
b) On Saving Accounts		
i) With Scheduled Banks	-	-
ii) With Non Scheduled Banks	-	-
iii) Post Office Savings Accounts	-	-
iv) Others	-	-
c) On Loans		
i) Employee/Staff	-	-
ii) Others	-	-
d) Interest on Debtors and Other Receivables	-	-
TOTAL	5,11,55,655	6,16,45,394
(Amount - Rs.)		
SCHEDULE 18 - OTHER INCOME	Current Year	Previous Year
a) Miscellaneous Income		
i) Application Fees for Recruitment	1,38,28,738	7,37,200
ii) license Fees for Staff Quarters	20,64,819	15,23,795
iii) Deferred Income for depreciable fixed assets	49,86,17,108	35,65,44,661
iv) GUEST HOUSE INCOME	1,04,637	-
v) RENT INCOME	9,92,200	-
vi) MISC INCOME	14,91,907	14,02,899
TOTAL	51,70,99,409	36,02,08,555
(Amount - Rs.)		
SCHEDULE 19 - INCREASE / (DECREASE) IN STOCK OF FINISHED GOODS & WORK IN PROGRESS	Current Year	Previous Year
a) Closing Stock		
i) Finished Goods	-	-
ii) Work-in-progress	-	-
b) Less: Opening Stock		
i) Finished Goods	-	-
ii) Work-in-progress	-	-
NET INCREASE / (DECREASE) [a - b]	-	-

For and on behalf of All India Institute of Medical Sciences, Jodhpur


 S. N. Gurjar
 F&CAO

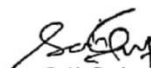

 Dr. Sanjeev Misra
 Director

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR

SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31st MARCH 2021

(Amount - Rs.)		
SCHEDULE 20 - ESTABLISHMENT EXPENSES	Current Year	Previous Year
a) Salaries and Wages	2,15,21,99,204	1,72,75,64,595
b) Allowances	9,96,39,684	13,22,57,983
c) Contribution to New Pension Scheme	10,92,31,870	8,68,08,927
d) Stipend	3,22,75,226	3,67,72,455
e) Outsourcing Agency Expenses		
i) Man power services	29,02,59,268	28,98,33,847
f) Leave Travel Concession	92,64,157	72,66,290
g) Medical Reimbursement Claim	70,88,033	49,49,913
TOTAL	2,69,99,57,442	2,28,54,54,010
(Amount - Rs.)		
SCHEDULE 21 - OTHER ADMINISTRATIVE EXPENSES ETC.	Current Year	Previous Year
a) Advertisement Expenses	82,87,163	1,45,25,744
b) Electricity Expenses	14,12,66,368	10,69,83,634
c) Water Charges	8,55,504	16,36,731
d) Bank Charges	98,738	74,539
e) Repairs and Maintenance	18,90,18,573	13,60,41,751
f) Departmental Expenses	3,34,15,710	2,04,34,250
g) Transport Expenses	2,90,92,443	2,89,22,796
h) Postage and Telephone charges	53,16,929	31,38,856
i) Printing and Stationery	1,08,23,514	1,18,54,973
j) Lab & Consumable exp.	12,63,30,253	9,06,64,284
k) Registration and Membership fees	75,45,339	1,09,70,827
l) Travelling Allowance	85,17,119	3,95,83,589
m) Office Expenses	1,41,92,839	1,51,23,526
n) Recruitment Exp.	1,40,172	2,82,05,866
o) Chemicals & Consumable for OPD & IPD	58,32,05,538	37,05,12,825
p) Medicine Exp.	16,76,37,254	10,96,46,906
q) Audit Fee	-	2,23,645
r) Washing and Cleaning Expenses	1,61,36,230	1,21,28,473
s) Examiners Remuneration & Honorarium	24,16,200	21,69,000
t) Hospital Support Services	17,94,13,680	16,73,74,370
u) NHM Expenses	30,39,619	1,41,93,585
v) Housekeeping & Cleaning	13,20,68,683	13,06,98,031
w) Intramural Research Expenditure	1,00,73,839	1,48,88,600
x) Security services	17,17,88,175	15,57,76,287
y) Expenses for PG Thesis	11,72,953	-
z) Dietary Services Expenses	1,12,45,730	-
TOTAL	1,85,30,98,565	1,48,57,73,088

For and on behalf of All India Institute of Medical Sciences, Jodhpur


S. N. Gurjar
F&CAO


Dr. Sanjeev Misra
Director

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR

SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31st MARCH 2021

		(Amount - Rs.)	
SCHEDULE 22 - EXPENDITURE ON GRANTS, SUBSIDIES ETC.		Current Year	Previous Year
a)	Grants given to Institutions / Organisations	-	-
b)	Subsidies given to Institutions / Organisations	-	-
TOTAL		-	-
Note :- Name of the Entities, their Activities along with the amount of Grants / Subsidies are to be disclosed			
SCHEDULE 23 - INTEREST		(Amount - Rs.)	
		Current Year	Previous Year
a)	On Fixed Loans	-	-
b)	On Other Loans (including Bank Charges)	-	-
c)	Others (specify)	-	-
TOTAL		-	-

For and on behalf of All India Institute of Medical Sciences, Jodhpur


 S. N. Gurjar
 F&CAO


 Dr. Sanjeev Misra
 Director

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR

SCHEDULES FORMING PART OF THE ACCOUNTS FOR THE YEAR ENDED 31st MARCH 2021


SCHEDULE 24 - SIGNIFICANT ACCOUNTING POLICIES

1. **ACCOUNTING CONVENTION**
 - 1.1 The financial statements are prepared on the basis of historical cost convention, unless otherwise stated and on the accrual method of accounting.
2. **Inventory Valuation**
 - 2.1 Stores are physically verified by the Medical Superintendent office and valued at cost. Stores includes Medicines, Consumables, Chemicals, Kits, Glassware and plastic items.
 - 2.2 Stores consists of goods used in Hospital section only.
3. **GRANTS/SUBSIDIES**
 - 3.1 Grant-in-aid is received from Ministry of Health and Family Welfare Govt. of India (PMSSY/Scheme) Hospital- II Section
 - 3.2 Grant/Subsidies includes Grant-in-aid (General head), Grant-in-aid (Salary head), Grant-in-aid (Creation of Capital Assets) & Grant-in-aid under SAP.
 - 3.3 Capital grant is transferred to earmarked funds to the extent fixed assets have been created.
 - 3.4 Grants from the Central Government are accounted for on realization basis for the Financial Year 2020-21
 - 3.5 Grant of Rs. 1.20 Crore received from State Government of Rajasthan under Nation Health Mission.
 - 3.8 Unspent Grants have been transferred to Current Liabilities and shown as unspent grant payable to respective grantees at the end of Financial Year 2020-21.
4. **FIXED ASSETS**
 - 4.1 Fixed Assets are stated at cost of acquisition inclusive of inward freight, duties, taxes and other incidental and direct expenses incurred in connection with the acquisition of assets. Fixed Assets are capitalised with the value of its acquisition cost.
 - 4.2 Assets created out of the earmarked funds, where the ownership of such assets vests with the institute, are shown as Fixed Assets of the Institute.
 - 4.3 Equipments which were procured by HLL Lifecare Ltd. (PSA of MoHFW) and supplied to the Institute have been included in the books of the Institute in current Financial Year on the basis of Final Acceptance Certificate (FAC) Installation reports after making appropriate adjustments for depreciation for the previous years. Equipment for which only CRC is issued and FAC/Installation report is not issued till 31.03.2021 have been taken to Capital Work in Progress.
 - 4.4 Work executed through CPWD has been capitalised on the basis of Utilization Certificate received from CPWD. Works which are completed but Utilization Certificate is not received, have been considered as Work In Progress and shall be capitalised on the receipts of Utilization Certificate and final settlement from CPWD
 - 4.5 Amount paid to CPWD for any project work is shown as work in progress and it is reversed as advances to CPWD upto extent of work not completed at the end of Financial Year.
5. **DEPRECIATION**
 - 5.1 Depreciation is provided on written-down value method as per rates specified in the Income Tax Act, 1961.
 - 5.2 In respect of additions to / deductions from fixed assets during the year, depreciation is charged @100% of the rate prescribed if an asset is installed on or before 30th September and 50% of the prescribed rate if an asset is installed after 30th September.
 - 5.3 Depreciation of Rs.63270640.63 has been charged on Procurement made by AIIMS Jodhpur on direct procurement through PSA i.e. M/s HTES Ltd during the Financial Year 2020-2021
 - 5.4 Depreciation of Rs.157161725 has been charged for equipment supplied to the Institute by the HLL life care (PSA of MoHFW) during the Financial Year 2020-2021
 - 5.5 Assets costing Rs.5,000/- or less have been written off during the year.
6. **FOREIGN CURRENCY TRANSACTION**
 - 6.1 Transaction denominated in foreign currency are accounted at the exchange rate prevailing at the date of transaction.
 - 6.2 There have been foreign currency transaction of Rs.8.52 Crore (Approx) Crore in Financial Year 2020-2021
7. **REVENUE RECOGNITION**
 - 7.1 Revenue includes fees collected from students, amount received from patients for registration, OPD ticket & testing charges and other miscellaneous receipts. Fee received from students is accounted for in the Financial Year in which it is received since the academic year of the institute is not co-terminus with Financial Year of the Institute.

For and on behalf of All India Institute of Medical Sciences, Jodhpur



S.N. Gujjar
F&CAO




Dr. Sanjeev Misra
Director

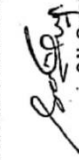
ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR**SCHEDULES FORMING PART OF THE ACCOUNTS FOR THE YEAR ENDED 31st MARCH 2021****SCHEDULE 25 - CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS**

1. **CONTINGENT LIABILITIES**
 - 1.1 Amount outstanding against Letter of Credit at the end of year was worth Rs.4.86 Crore (approx) bills were pending for payment approval.
2. **CURRENT ASSETS, LOANS AND ADVANCES**
 - 2.1 The current assets, loans and advances have a value on realisation in the ordinary course of business equal to the aggregate amount shown in the Balance Sheet.
 - 2.2 An advance of Rs.40.41 crore have been given to HLL Lifecare Ltd. (PSA of MohFW) for supply of various medical equipments.
 - 2.3 Advances are given to vendor against Opening of Letter of Credit. Custom duty payment.
 - 2.4 Advances have been given to Research Cell to carry out intramural research projects of faculty & PG Thesis.
 - 2.5 "Income accrued" includes interest income accrued on Fixed Deposit Receipts made with Bank of Baroda, Jodhpur.
 - 2.6 A deposit of principal amount of Rs. 18.54 crore against arbitral award has been made with the Registrar General of High Court, New Delhi in the matter of M/s Mathur & Kapre Associate Pvt Ltd V/s Union of India.
3. **TAXATION**
 - 3.1 The Institute is exempt u/s 10(23C)(ii)(ac) of the Income Tax Act,1961. Therefore, no provision for taxation is required.
4. **FEES / SUBSCRIPTIONS**
 - 4.1 Fees includes academic fees charged from students of MBBS, B. Sc Nursing, Fees for PG Course and Fees for DM course/ PDC/ fees for M.Sc. Nursing.
5. **INTEREST EARNED**
 - 5.1 Interest earned includes gross interest earned on funds kept in the Current Premium Account and Fixed Deposits Receipt with Bank of Baroda, Bsnri, Jodhpur during the year. Since AIIMS Jodhpur is exempt under income tax, there is no TDS deduction on interest earned.
 - 5.2 Interest income transfer to liability as per GFR 2017 rule 230 (9).
6. **OTHER INCOME**
 - 6.1 Other receipts includes ATM rent received from banks to our account and other miscellaneous income.
 - 6.2 "Deferred income for depreciable fixed assets" is the depreciation amount charged on fixed assets.
 - 6.3 Application money received in previous years for various recruitments has been transferred to Income as per CA&G objection.
7. **CURRENT LIABILITIES**
 - 7.1 Current liabilities include funds received from Chief Minister Office/Prime Minister Office for treatment of patients and Other Government officials.
 - 7.2 No provision has been made for Pensionary Benefits and Earned Leave Encashment. The liability on this account are being accounted for on payment basis as and when it arises.
 - 7.3 Due to non availability of fund in Grant In Aid under Salary. No provision has been made for current Financial Year 2020-2021 under Grant In aid Salary.
8. The value of building has not been accounted for in books of accounts of the Institute for which the payments has been made by MohFW directly. However, as per MohFW direction, part payment for construction of building has been made during the year by the Institute, which has been shown as Capital Work-in-Progress.
9. Figures have been rounded off to the nearest rupee and previous year's figures have been re-grouped and re-arranged wherever considered necessary to make them comparable with the current year's figure.
10. Intramural Research Expenses has been booked on the basis of Utilization Certificate received from Research Section.
11. Schedules 1 to 25 are annexed to and form an Integral part of the Balance Sheet and the Income and Expenditure Account for the year ended 31st MARCH 2021.

For and on behalf of All India Institute of Medical Sciences, Jodhpur



 Dr. Sanjeev Misra
 Director



 S.N. Gujjar
 F&CAO



**VIRAL RESEARCH AND DIAGNOSTIC LABORATORIES,
ALL INDIA INSTITUTE OF MEDICAL SCIENCES,
JODHPUR**

**Financial Statements for the Period
01-04-2018 to 31-03-2021**

VIRAL RESEARCH AND DIAGNOSTIC LABORATORIES,
ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR

BALANCE SHEET for the Period 01-04-2018 to 31-03-2021

(Amount - Rs.)				
S.No.	PARTICULARS	SCHEDULE	Current Year	Previous Year
	<u>CORPUS / CAPITAL FUND AND LIABILITIES</u>			
a)	CORPUS / CAPITAL FUND	1	6,59,82,669	-
b)	RESERVES AND SURPLUS	2	-	-
c)	EARMARKED / ENDOWMENT FUNDS	3	-	-
d)	SECURED LOANS AND BORROWINGS	4	-	-
e)	UNSECURED LOANS AND BORROWINGS	5	-	-
f)	DEFERRED CREDIT LIABILITIES	6	-	-
g)	CURRENT LIABILITIES AND PROVISIONS	7	8,90,87,533	-
	TOTAL		15,50,70,202	-
	<u>ASSETS</u>			
a)	FIXED ASSETS	8	6,34,49,052	-
b)	INVESTMENTS	9	-	-
c)	INVESTMENTS - OTHERS	10	-	-
d)	CURRENT ASSETS, LOANS, ADVANCES ETC.	11	9,16,21,150	-
e)	MISCELLANEOUS EXPENDITURE (to the extent not written off for adjusted)		-	-
	TOTAL		15,50,70,202	-
	SIGNIFICANT ACCOUNTING POLICIES	24		
	CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS	25		

For and on behalf of VIRAL RESEARCH AND DIAGNOSTIC LABORATORIES, ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR


S. N. Gurjar
F&CAO


Dr. Sanjeev Misra
Director

VIRAL RESEARCH AND DIAGNOSTIC LABORATORIES,
ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR

INCOME AND EXPENDITURE ACCOUNT FOR THE Period 01-04-2018 to 31-03-2021

(Amount - Rs.)			
INCOME	Schedule	Current Year	Previous Year
Income from Sales / Services	12	-	-
Grants / Subsidies	13	8,11,64,019	-
Fees / Subscriptions	14	-	-
Income from Investments	15	-	-
Income from Royalty, Publication etc.	16	-	-
Interest Earned	17	19,43,214	-
Other Income	18	-	-
Increase / (decrease) in stock of Finished goods and works-in-progress	19	-	-
TOTAL (A)		8,31,07,233	-
EXPENDITURE			
Establishment Expenses	20	1,01,14,967	-
Other Administrative Expenses etc.	21	70,09,597	-
Expenditure on Grants, Subsidies etc.	22	-	-
Interest	23	-	-
Depreciation (Net Total at the year end - corresponding to Schedule B)		-	-
TOTAL (B)		1,71,24,564	-
Balance being excess of Income over Expenditure (A - B)		6,59,82,669	-
Transfer to Special Reserve (Specify each)		-	-
Transfer to / from General Reserve		-	-
TDS on Rent adjusted to Capital Account		-	-
Tender Fees Return		-	-
BALANCE BEING SURPLUS/ (DEFICIT) CARRIED TO CORPUS / CAPITAL FUND		6,59,82,669	-

For and on behalf of VIRAL RESEARCH AND DIAGNOSTIC LABORATORIES, ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR


S. N. Gurjar
F&CAO


Dr. Sanjeev Misra
Director

**VIRAL RESEARCH AND DIAGNOSTIC LABORATORIES,
ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR**

RECEIPTS AND PAYMENTS ACCOUNT FOR THE Period 01-04-2018 to 31-03-2021

(Amount - Rs.)					
RECEIPTS	Current Year	Previous Year	PAYMENTS	Current year	Previous year
I. Opening Balances			I. Expenses		
a) Cash in hand	-	-	a) Establishment Expenses (corresponding to Sch.20)	1,01,14,967	-
b) Bank Balances	-	-	b) Administrative Expenses (corresponding to Sch.21)	70,09,597	-
II. Grants in Aid Received			II. Investments and deposits made		
a) From Government of India			Fixed Deposit	-	-
For Grant In AID	16,82,50,000	-	(Investments - others)	-	-
For ICQL	6,00,000	-	III. Expenditure on Fixed Assets		
III. Interest Received			Purchase of Fixed Assets	8,34,49,052	-
a) On Bank Deposits	19,43,214	-	IV. Advances		
IV. Other Income (Specify)			a) Loans & Advances	-	-
a) Fees Collection	-	-	b) Sundry Debtors	38,43,413	-
b) Receipts from Hospital Section	-	-	V. Other Payments (Specify)		
c) Application Fees	-	-	a) Sundry Creditors	-	-
V. Amount Borrowed/ Advance			b) Duties & Taxes	-	-
a) Security & EMD of Tenders	10,72,304	-	c) Others	-	-
VI. Any other receipts			VI. Closing Balances		
a) Misc. Receipts	3,25,000	-	a) Cash in hand	-	-
b) Sundry Creditors	4,248	-	b) Bank Balances	8,77,77,737	-
TOTAL	17,21,94,766	-	TOTAL	17,21,94,766	-

For and on behalf of VIRAL RESEARCH AND DIAGNOSTIC LABORATORIES, ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR


S. N. Gurjar
F&CAO


Dr. Sanjeev Misra
Director

ALL INDIA INSTITUTE OF MEDICAL SCIENCES (RESEARCH WING), JODHPUR
SCHEDULE B: DETAILS OF INSTRUMENTS,EQUIPMENTS, COMPUTERS AND OTHER MACHINES
ACQUIRED DURING THE YEAR ENDED ON 31.03.2021

NAME OF THE PROJECT	AMOUNTS (RS.)
AIIMS, Jodhpur Regional Center for ASN	248850.00
Establishment of DBT NIDAN Kendra at AIIMS Jodhpur	7497000.00
Stimulating Medical Students interest in Medical	42150.00
An Observational study Analyzing the post-mortem interval in Human...	85910.00
DHR-ICMR Advance Medical Oncology Diagnostic Services (DIAMONDS)	69107.00
GenomeIndia cataloguing the Genetic Variation in Indians	65077.00
Research on Indegeneous popoulatin of district Sirohi	64050.00
TOTAL	80,72,144.00

ALL INDIA INSTITUTE OF MEDICAL SCIENCES (RESEARCH WING), JODHPUR
SCHEDULE C: DETAILS OF ADVANCE PAID AS ON 31.03.2021

NAME OF THE PROJECT	AMOUNTS (RS.)
Systems Approach for Assessment of Maternal Deaths	500000.00
TOTAL	5,00,000.00

ALL INDIA INSTITUTE OF MEDICAL SCIENCES (RESEARCH WING), JODHPUR
SCHEDULE D: DETAILS OF BANK BALANCES AS ON 31.03.2021

NAME OF THE PROJECT	AMOUNTS (RS.)
Congenital Rubella Syndrome	46847.00
Capacity Building and Strengthening of Hospital Infection Control to Detect and Prevent Antimicrobial Resistance in India	401989.00
Low birth weight in new born and Anaemia in Pregnant Women in Flouride Endemic Area of Western Rajasthan	112438.00
Strengthening Laboratory Capabilities	1486052.00
CANscript™ Clinical Outcomes in a Real- world setting (ANCERS-S): A Prospective, Multicenter, Obseational Study Examining the Clininical Utility of CANscript™ in routine Clinical Practice	8167.00
AIIMS, Jodhpur Regional Center for ASN	140308.00
Evaluating and srengthening pre-hospital trauna care system for mitigating burden of traffic accidents in jOdhpur	7742.00
ICMR "Initiating Antimicrobial Stewardship	631455.00
Systems Approach for Assessment of Maternal Deaths	1171087.00
Assessment of effectiveness of IT enabled Equipment Management & Maintenance System(e-upakaran) in Rajasthan	93472.00
SRA-Verbal Autopsy Initiative	102785.00
To Assess the prevalence of specific micrountrient	35321.00
Congenital Rubella Syndrome and Hospital Based Surveillance	829445.00
Establishment of DBT NIDAN Kendra at AIIMS Jodhpur	3738976.00
Improve diagnosis and Management of cystic fibrosis	447840.00
Stimulating Medical Students interest in Medical	404119.00

Burden of Multidrug-resistant neonatal sepsis in hospital	183003.00
Epidemiological study of estimating the Burden of Soil Transmitted.....	157733.00
An Observational study Analyzing the post-mortem interval in Human...	168369.00
Resource Centre/Hub under Health Technology Assessment Project	3328202.00
Emerging drug resistance of in community acquired	314209.00
DHR-ICMR Advance Medical Oncology Diagnostic Services (DIAMONDS)	9020544.00
GenomeIndia cataloguing the Genetic Variation in Indians	2777386.00
Evaluation of a health system based intervention on change in thrombolysis rate in ST segment elevated myocardial infarction (STEMI) acute coronary syndrome (ACS) across selected districts of the country-A health implementation research project(ICMR-STEMI-ACT)	2447658.00
Research on Indigenous population of district Sirohi	510478.00
Evaluation of efficacy and safety of Ayurveda intervention (AYUSH 64) add on therapy for patients with COVID-19 infection (satge-1)	5099.00
Unnat Bharat Abhiyan (UBA)	51082.00
Multimodal Approaches to develop potential therapeutic Leads targeting molecular hot spots of Duchenne muscular Dystrophy for clinical trial	248487.00
Research study on patient blood management of Rajasthan state and its impact on health economics	633475.00
"National Clinical Registry for COVID-19 India"	306486.00
"Expansion of Antimicrobial Stewardship (AMSP) and Infection Control Program (ICP) of ICMR in Secondary Care Hospitals"	1312197.00
"HTA of National Stroke Care Registry Programme - Development of Hospital Based Stroke Registries (HBSR) in different regions of India"	248193.00
Regarding Investigator Clinical Study Agreement between Dr, Pushinder Khera AIIMS J and ISRO Clinipharm Pvt Ltd	42337.00
Comparative Assessment of various models of Mobile Medical Units for provision of service in remote and under served areas.	48055.00
Evaluation of antiviral activity of a natural phytoconstituents based mouthwash	99617.00
Risk factors for SARS-CoV-2 infection among health care workers in India: A Case Control Study	21276.00
Development of an AI platform for Human Health	1682004.00
Mitochondrial dysfunction in children due to heat stress....	10168532.00
Genetic Predisposition to methylglyoxal (MGO) toxicity and its association with targeted metabolites and glyco-oxidative stress in diabetic nephropathy	1173756.00
Iron Status in Healthy Term Breastfed Infants in Early Infancy: A Prospective Cohort Study	3549163.00
Database Creation For Computational Predictive Analysis of Treatment Response Assessment in Esophageal Cancer Patients In India	300903.00
Grant bank Canada	43825.00
Extramural Res Section	85801.00
TOTAL	4,85,85,913.00

ALL INDIA INSTITUTE OF MEDICAL SCIENCES (RESEARCH WING), JODHPUR
SCHEDULE E: DETAILS OF SALARY PAID DURING THE YEAR ENDED ON 31.03.2021

NAME OF THE PROJECT	AMOUNTS (RS.)
Capacity Building and Strengthening of Hospital Infection Control to Detect and Prevent Antimicrobial Resistance in India	1314046.00
Low birth weight in new born and Anaemia in Pregnant Women in Flouride Endemic Area of Western Rajasthan	100000.00
Effect of language on performance on color word stroop task: An evoked Potential study	46935.00
Prevalence of Fluorosis in the community of selected Districts of India and development of an appropriate intervention model for prevention and control of fluorosis	76709.00
AIIMS, Jodhpur Regional Center for ASN	425710.00
ICMR "Initiating Antimicrobial Stewardship	955765.00
Systems Approach for Assessment of Maternal Deaths	314361.00
Assessment of effectiveness of IT enabled Equipment Management & Maintenance System(e-upakaran) in Rajasthan	151000.00
To Assess the prevalence of specific micronutrient	167967.00
Congenital Rubella Syndrome and Hospital Based Surveillance	2120877.00
Establishment of DBT NIDAN Kendra at AIIMS Jodhpur	593090.00
Improve diagnosis and Management of cystic fibrosis	409500.00
Stimulating Medical Students interest in Medical	361340.00
Burden of Multidrug-resistant neonatal sepsis in hospital	1482061.00
Epidemiological study of estimating the Burden of Soil Transmitted.....	50000.00
Resource Centre/Hub under Health Technology Assessment Project	1200000.00
Emerging drug resistance of in community acquired	205400.00
DHR-ICMR Advance Medical Oncology Diagnostic Services (DIAMONDS)	1209420.00
GenomeIndia cataloguing the Genetic Variation in Indians	227923.00
Clinical Characteristics and virological clearance among SARS Cov-2 Infected patients in India	96000.00
Research on Indigenous population of district Sirohi	2546545.00
Evaluation of efficacy and safety of Ayurveda intervention (AYUSH 64) add on therapy for patients with COVID-19 infection (satge-1)	244953.00
"National Clinical Registry for COVID-19 India"	592872.00
"Expansion of Antimicrobial Stewardship (AMSP) and Infection Control Program (ICP) of ICMR in Secondary Care Hospitals"	168677.00
"HTA of National Stroke Care Registry Programme - Development of Hospital Based Stroke Registries (HBSR) in different regions of India"	196334.00
Comparative Assessment of various models of Mobile Medical Units for provision of service in remote and under served areas.	47520.00
Evaluation of antiviral activity of a natural phytoconstituents based mouthwash	48763.00

Risk factors for SARS-CoV-2 infection among health care workers in India: A Case Control Study	231000.00
Genetic Predisposition to methylglyoxal (MGO) toxicity and its association with targeted metabolites and glyco-oxidative stress in diabetic nephropathy	18560.00
Database Creation For Computational Predictive Analysis of Treatment Response Assessment in Esophageal Cancer Patients In India	15097.00
TOTAL	1,56,18,425.00

ALL INDIA INSTITUTE OF MEDICAL SCIENCES (RESEARCH WING), JODHPUR

SCHEDULE F: DETAILS OF GENERAL EXPENSES INCURRED DURING THE YEAR ENDED ON 31.03.2021

NAME OF THE PROJECT	AMOUNTS (RS.)
Low birth weight in new born and Anaemia in Pregnant Women in Flouride Endemic Area of Western Rajasthan	10000.00
Effect of language on performance on color word stroop task: An evoked Potential study	461533.00
AIIMS, Jodhpur Regional Center for ASN	26498.00
Evaluating and strengthening pre-hospital trauma care system for mitigating burden of traffic accidents in jOdhpur	1076.00
ICMR "Initiating Antimicrobial Stewardship	45505.00
Systems Approach for Assessment of Maternal Deaths	65000.00
Assessment of effectiveness of IT enabled Equipment Management & Maintenance System(e-upakaran) in Rajasthan	23034.00
To Assess the prevalence of specific micronutrient	39188.00
Congenital Rubella Syndrome and Hospital Based Surveillance	176067.00
Establishment of DBT NIDAN Kendra at AIIMS Jodhpur	440286.00
Improve diagnosis and Management of cystic fibrosis	21354.00
Stimulating Medical Students interest in Medical	214699.00
Burden of Multidrug-resistant neonatal sepsis in hospital	365448.00
Epidemiological study of estimating the Burden of Soil Transmitted.....	36859.00
An Observational study Analyzing the post-mortem interval in Human...	566104.00
Resource Centre/Hub under Health Technology Assessment Project	174966.00
Emerging drug resistance of in community acquired	135406.00
DHR-ICMR Advance Medical Oncology Diagnostic Services (DIAMONDS)	828242.00
GenomeIndia cataloging the Genetic Variation in Indians	1391951.00
Clinical Characteristics and virological clearance among SARS Cov-2 Infected patients in India	87549.00
Research on Indegenous population of district Sirohi	231167.00
Evaluation of efficacy and safety of Ayurveda intervention (AYUSH 64) add on therapy for patients with COVID-19 infection (satge-1)	255076.00
Multimodal Approaches to develop potential therapeutic Leads targeting molecular hot spots of Duchenne muscular Dystrophy for clinical trial	5000.00
Research study on patient blood management of Rajasthan state and its impact on health economics	129861.00

"National Clinical Registry for COVID-19 India"	1877219.00
"HTA of National Stroke Care Registry Programme - Development of Hospital Based Stroke Registries (HBSR) in different regions of India"	56823.00
Regarding Investigator Clinical Study Agreement between Dr, Push[inder khera AIIMS Ju and ISRO Clinipharm Pvt Ltd	118054.00
Comparative Assesement of various models of Mobile Medical Units for provision of service in remote and under served areas.	18426.00
Evaluation of antiviral activity of a natural phytoconstituents based mouthwash	132941.00
Risk factors for SARS-CoV-2 infection among health care workers in India: A Case Control Study	144150.00
Grant bank Canada	2000.00
TOTAL	80,81,482.00

ALL INDIA INSTITUTE OF MEDICAL SCIENCES (RESEARCH WING), JODHPUR

SCHEDULE G: DETAILS OF BANK INTEREST RETURN BACK DURING THE YEAR ENDED ON 31.03.2021

NAME OF THE PROJECT	AMOUNTS (RS.)
Establishment of DBT NIDAN Kendra at AIIMS Jodhpur	168256.00
DHR-ICMR Advance Medical Oncology Diagnostic Services (DIAMONDS)	154822.00
TOTAL	3,23,078.00

ALL INDIA INSTITUTE OF MEDICAL SCIENCES (RESEARCH WING), JODHPUR

SCHEDULE H: DETAILS OF OVERHEAD EXPENSES INCURRED DURING THE YEAR ENDED ON 31.03.2021

NAME OF THE PROJECT	AMOUNTS (RS.)
Perception of physicians, pharmacists and patients regarding prescription of generic drugs in Patan city	1528.00
Capacity Building and Strengthening of Hospital Infection Control to Detect and Prevent Antimicrobial Resistance in India	15000.00
Effect of language on performance on color word stroop task: An evoked Potential study	12845.00
Prevalence of Fluorosis in the community of selected Districts of India and development of an appropriate intervention model for prevention and control of fluorosis	91850.00
ICMR "Initiating Antimicrobial Stewardship	59984.00
Systems Approach for Assessment of Maternal Deaths	75501.00
To Assess the prevalence of specific micronutrient	94500.00
Congenital Rubella Syndrome and Hospital Based Surveillance	39550.00
Improve diagnosis and Management of cystic fibrosis	33413.00
Stimulating Medical Students interest in Medical	31866.00
Burden of Multidrug-resistant neonatal sepsis in hospital	180000.00
Epidemiological study of estimating the Burden of Soil Transmitted.....	35000.00
An Observational study Analyzing the post-mortem interval in Human...	21600.00

Resource Centre/Hub under Health Technology Assessment Project	221635.00
Emerging drug resistance of in community acquired	17980.00
DHR-ICMR Advance Medical Oncology Diagnostic Services (DIAMONDS)	549476.00
GenomeIndia cataloguing the Genetic Variation in Indians	400000.00
Evaluatoin of a health system based intervention on change in thrombolysis rate in ST segment elevated myocardialinfraction (STEMI) acute coronary syndrome (ACS) across selected districts of the country-A health implementation research project(ICMR-STEMI-ACT)	118060.00
Clinical Charactristics and virological clearanceamong SARS Cov-2 Infected patients in India	1813.00
Multimodal Approaches to develop potential therapeutic Leads targeting molecular hot spots of Duchenne musculkar Dystrophy for clinical trial	8400.00
"National Clinical Registry for COVID-19 India"	44000.00
"Expansion of Antimicrobial Stewardship (AMSP) and Infection Control Program (ICP)of ICMR in Secondary Care Hospitals"	70630.00
Regarding Investigator Clinical Study Agreement between Dr, Push[inder khera AllMS Ju and ISRO Clinipharm Pvt Ltd	24313.00
Comparative Assesement of various models of Mobile Medical Units for provision of service in remote and under served areas.	5947.00
Evaluation of antiviral activity of a natural phytoconstituents based mouthwash	31100.00
Risk factors for SARS-CoV-2 infection among health care workers in India: A Case Control Study	20000.00
Mitochondrial dysfunction in children fur to heat stress....	504680.00
Genetic Predisposition to methylglyoxal (MGO) toxicity and its association with targeted metabolites and glyco-oxidative stress in diabetic nephropathy	116000.00
Iron Status in Healthy Term Breastfed Infants in Early Infancy: A Prospective Cohort Study	104825.00
TOTAL	29,31,496.00


ALL INDIA INSTITUTE OF MEDICAL SCIENCES (RESEARCH WING), JODHPUR
SCHEDULE I: DETAILS OF UNSPENT GRANTS RETURN BACK DURING THE YEAR ENDED ON
31.03.2021

NAME OF THE PROJECT	AMOUNTS (RS.)
Effect of language on performance on color word stroop task: An evoked Potential study	16143.00
Prevalence of Fluorosis in the community of selected Districts of India and development of an appropriate intervention model for prevetntion and control of fluorosis	714179.00
Epigenric modification of apelin in and leptin in obese subjects	164115.00
Clinical Charactristics and virological clearanceamong SARS Cov-2 Infected patients in India	23326.00
Grant bank Canada	410055.00
TOTAL	13,27,818.00

ALL INDIA INSTITUTE OF MEDICAL SCIENCES (RESEARCH WING), JODHPUR
SCHEDULE J: DETAILS OF BANK INTEREST RECEIVED DURING THE YEAR ENDED ON 31.03.2021

NAME OF THE PROJECT	AMOUNTS (RS.)
Perception of physicians, pharmacists and patients regarding prescription of generic drugs in Patan city	28.00
Congenital Rubella Syndrome	1369.00
Capacity Building and Strengthening of Hospital Infection Control to Detect and Prevent Antimicrobial Resistance in India	36749.00
Low birth weight in new born and Anaemia in Pregnant Women in Flouride Endemic Area of Western Rajasthan	5622.00
Effect of language on performance on color word stroop task: An evoked Potential study	1814.00
Prevalence of Fluorosis in the community of selected Districts of India and development of an appropriate intervention model for prevention and control of fluorosis	27755.00
Strengthening Laboratory Capabilities	30206.00
CANscript™ Clinical Outcomes in a Real- world setting (ANCERS-S): A Prospective, Multicenter, Observational Study Examining the Clinical Utility of CANscript™ in routine Clinical Practice	238.00
AllIMS, Jodhpur Regional Center for ASN	19320.00
Epigenetic modification of apelin and leptin in obese subjects	2392.00
Evaluating and strengthening pre-hospital trauma care system for mitigating burden of traffic accidents in Jodhpur	621.00
ICMR "Initiating Antimicrobial Stewardship	16172.00
Systems Approach for Assessment of Maternal Deaths	23342.00
Assessment of effectiveness of IT enabled Equipment Management & Maintenance System(e-upakaran) in Rajasthan	3555.00
SRA-Verbal Autopsy Initiative	2653.00
To Assess the prevalence of specific micronutrient	2347.00
Congenital Rubella Syndrome and Hospital Based Surveillance	15466.00
Establishment of DBT NIDAN Kendra at AllIMS Jodhpur	212858.00
Improve diagnosis and Management of cystic fibrosis	13525.00
Stimulating Medical Students interest in Medical	25775.00
Burden of Multidrug-resistant neonatal sepsis in hospital	6443.00
Epidemiological study of estimating the Burden of Soil Transmitted.....	7740.00
An Observational study Analyzing the post-mortem interval in Human...	15415.00
Resource Centre/Hub under Health Technology Assessment Project	124591.00
Emerging drug resistance of in community acquired	5310.00
DHR-ICMR Advance Medical Oncology Diagnostic Services (DIAMONDS)	292615.00
GenomeIndia cataloguing the Genetic Variation in Indians	62337.00

Evaluation of a health system based intervention on change in thrombolysis rate in ST segment elevated myocardial infarction (STEMI) acute coronary syndrome (ACS) across selected districts of the country-A health implementation research project(ICMR-STEMI-ACT)	59088.00
Clinical Characteristics and virological clearance among SARS Cov-2 Infected patients in India	1813.00
Research on Indegenous population of district Sirohi	14240.00
Evaluation of efficacy and safety of Ayurveda intervention (AYUSH 64) add on therapy for patients with COVID-19 infection (satge-1)	5128.00
Unnat Bharat Abhiyan (UBA)	1082.00
Multimodal Approaches to develop potential therapeutic Leads targeting molecular hot spots of Duchenne muscular Dystrophy for clinical trial	3487.00
Research study on patient blood management of Rajasthan state and its impact on health economics	13336.00
"National Clinical Registry for COVID-19 India"	8577.00
"Expansion of Antimicrobial Stewardship (AMSP) and Infection Control Program (ICP) of ICMR in Secondary Care Hospitals"	18274.00
"HTA of National Stroke Care Registry Programme - Development of Hospital Based Stroke Registries (HBSR) in different regions of India"	1350.00
Regarding Investigator Clinical Study Agreement between Dr, Pushinder Khera AIIMS Jodhpur and ISRO Clinipharm Pvt Ltd	1338.00
Comparative Assessment of various models of Mobile Medical Units for provision of service in remote and under served areas.	1001.00
Evaluation of antiviral activity of natural phytoconstituents based mouthwash	1421.00
Risk factors for SARS-CoV-2 infection among health care workers in India: A Case Control Study	1426.00
Development of an AI platform for Human Health	11204.00
Mitochondrial dysfunction in children due to heat stress....	68260.00
Genetic Predisposition to methylglyoxal (MGO) toxicity and its association with targeted metabolites and glyco-oxidative stress in diabetic nephropathy	8316.00
Grant bank Canada	10351.00
TOTAL	11,85,950.00


 Dean (Research)
 अधिष्ठाता (अनुसंधान)
 All India Institute of Medical Sciences, Jodhpur
 अखिल भारतीय आयुर्विज्ञान संस्थान, जोधपुर

ALL INDIA INSTITUTE OF MEDICAL SCIENCES (RESEARCH WING), JODHPUR
BALANCE SHEET AS AT 31.03.2021

LIABILITIES	SCHEDULE	AMOUNTS	ASSETS	SCHEDULE	AMOUNTS
ACCUMULATED GRANTS :			INSTRUMENTS, EQUIPMENTS,		
OPENING BALANCE B/F	A	37939592.00	57158057.00 COMPUTERS AND OTHER MACHINES	B	8072144.00
ADD: SURPLUS (UNSPENT GRANTS)		<u>19218465.00</u>	ADVANCE PAID	C	500000.00
			BANK BALANCE	D	48585913.00
					<u>57158057.00</u>

ALL INDIA INSTITUTE OF MEDICAL SCIENCES (RESEARCH WING), JODHPUR

STATEMENT OF INCOME AND EXPENDITURE FOR THE VARIOUS PROJECTS FOR THE YEAR ENDED ON 31.03.2021

EXPENDITURES	SCHEDULE	AMOUNTS	INCOME	SCHEDULE	AMOUNTS
TO SALARY PAID	E	15618425.00	BY GRANTS RECEIVED	A	46314814.00
TO GENERAL EXPENSES	F	8081482.00	BY BANK INTEREST RECEIVED	J	1185950.00
TO BANK INTEREST RETURN BACK	G	323078.00			
TO OVERHEAD CHARGES	H	2931496.00			
TO UNSPENT GRANT RETURN BACK	I	1327818.00			
TO SURPLUS (UNSPENT GRANT)		<u>19218465.00</u>			
					<u>47500764.00</u>

Note: Schedules and Notes to the Accounts are forming part of the Final Accounts for the year ended on 31.03.2021

Dean (Research)
 अतिरिक्त (अनुसंधान)
 All India Institute of Medical Sciences

ALL INDIA INSTITUTE OF MEDICAL SCIENCES (RESEARCH WING), JODHPUR

SCHEDULE K: NOTES TO THE ACCOUNTS

1. Instruments, Equipments, Computers, other Machines and other accessories aquired during the year only are taken at purchase cost. No depreciation charged
2. Surplus shown in Income and Expenditure Account is the unspent amount of various grants only and shall be spent in future.
3. figures of grants received, expenditures incurred & their classification and bank balances are taken as verified by the respective Project Incharge.
4. Since Balance Sheet and Income and Expenditure Accounts are prepared for the first time therefore previous years figures are not given.

ALL INDIA INSTITUTE OF MEDICAL SCIENCES (RESEARCH WING), JODHPUR

ANNEXURE "F" OF FIXED ASSETS CHART (AS PER INCOME TAX) FOR THE YEAR ENDED 31st March 2021

ASSETS	DESCRIPTION	BALANCE AS ON 01.04.2020	ADD BEFORE 30.09.2020	ADD AFTER 30.09.2020	DEDUCTIONS	TOTAL	DEPRECIATION RATE	DEPRECIATION AMOUNT	BALANCE AS ON 31.03.2021	
PLANT AND MACHINERY	Hot Air Oven	-	65,962.00	2,48,850.00	-	3,14,812.00	15%	28,558.05	2,86,253.95	
	Droplet Digital PCR System	-	74,97,000.00	-	-	74,97,000.00	15%	11,24,550.00	63,72,450.00	
	Motor Diven Tissue Grinder	-	19,948.00	-	-	19,948.00	15%	2,992.20	16,955.80	
	Omron B.P. Meter - 7130 & Omron HBF 375 Karada Scan D)	-	-	18,562.00	-	18,562.00	15%	1,392.15	17,169.85	
COMPUTERS AND ACCESSORIES	Assembled Desktop with (Intel i5 9th Gen)	-	42,150.00	-	-	42,150.00	40%	16,860.00	25,290.00	
	Dell Vostro 3471 Desktop(3 Yrs warranty)(1 Nos.)	-	49,000.00	-	-	49,000.00	40%	19,600.00	29,400.00	
	Brother MFD Printer(1 Nos.)	-	18,500.00	-	-	18,500.00	40%	7,400.00	11,100.00	
	Lenovo Tab M10FHD Rel Tablet	-	30,998.00	-	-	30,998.00	40%	12,399.20	18,598.80	
	Zebra GC420 Printer & Barcode Scanner	-	-	15,517.00	-	15,517.00	40%	3,103.40	12,413.60	
	HP laptop 14DK0093AU	-	-	48,500.00	-	48,500.00	40%	9,700.00	38,800.00	
	Printer EPSON L3150	-	-	13,900.00	-	13,900.00	40%	2,780.00	11,120.00	
	Logitech MK275 (Wireless Keyboard and mouse)	-	-	1,650.00	-	1,650.00	40%	330.00	1,320.00	
	TOTAL		-	77,23,558.00	3,46,979.00	-	80,70,537.00		12,29,665.00	68,40,872.00

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All India Institute of Medical Sciences, Jodhpur
अखिल भारतीय आयुर्विज्ञान संस्थान, जोधपुर

ALL INDIA INSTITUTE OF MEDICAL SCIENCES (RESEARCH WING), JODHPUR
 SCHEDULE A: DETAILS OF GRANTS RECEIVED AND UTILISED DURING THE YEAR ENDED ON 31.03.2021

NAME OF THE PROJECTS	OPENING BALANCE AS ON 01.04.2020	GRANTS RECEIVED DURING THE YEAR 2020-21	BANK INTEREST RECEIVED DURING THE YEAR 2020-21	TOTAL FUND AVAILABLE	GRANT USED DURING THE YEAR 2020-21	CLOSING BALANCE AS ON 31.03.2021
Perception of physicians, pharmacists and patients regarding prescription of generic drugs in Patan city	1,500.00	-	28.00	1,528.00	1,528.00	-
Congenital Rubella Syndrome	45,478.00	-	1,369.00	46,847.00	-	46,847.00
Capacity Building and Strengthening of Hospital Infection Control to Detect and Prevent Antimicrobial Resistance In India	16,94,286.00	-	36,749.00	17,31,035.00	13,29,046.00	4,01,989.00
Low birth weight in new born and Anaemia in Pregnant Women In Flouride Endemic Area of Western Rajasthan	2,16,816.00	-	5,622.00	2,22,438.00	1,10,000.00	1,12,438.00
Effect of language on performance on color word stroop task: An evoked Potential study	32,366.00	5,03,276.00	1,814.00	5,37,456.00	5,37,456.00	-
Prevalence of Fluorosis in the community of selected Districts of India and development of an appropriate intervention model for prevention and control of fluorosis	8,54,983.00	-	27,755.00	8,82,738.00	8,82,738.00	-
Strengthening Laboratory Capabilities	14,55,846.00	-	30,206.00	14,86,052.00	-	14,86,052.00
CANScript™ Clinical Outcomes in a Real- world setting (ANCERS-S): A Prospective, Multicenter, Observational Study Examining the Clinical Utility of CANScript™ in routine Clinical Practice	7,929.00	-	238.00	8,167.00	-	8,167.00
AIIMS, Jodhpur Regional Center for ASN	8,22,046.00	-	19,320.00	8,41,366.00	7,01,058.00	1,40,308.00
Epigenetic modification of apelin in and leptin in obese subjects	1,61,723.00	-	2,392.00	1,64,115.00	1,64,115.00	-
Evaluating and strengthening pre-hospital trauma care system for mitigating burden of traffic accidents in Jodhpur	8,197.00	-	621.00	8,818.00	1,076.00	7,742.00
ICMR "Initiating Antimicrobial Stewardship	25,450.00	16,51,087.00	16,172.00	16,92,709.00	10,61,254.00	6,31,455.00
Systems Approach for Assessment of Maternal Deaths	3,68,268.00	17,34,339.00	23,342.00	21,25,949.00	9,54,862.00	11,71,087.00
Assessment of effectiveness of IT enabled Equipment Management & Maintenance System (e-upakaran) in Rajasthan	13,951.00	2,50,000.00	3,555.00	2,67,506.00	1,74,034.00	93,472.00
SRA-Verbal Autopsy Initiative	26,332.00	73,800.00	2,653.00	1,02,785.00	-	1,02,785.00
To Assess the prevalence of specific micronutrient	1,99,629.00	1,35,000.00	2,347.00	3,36,976.00	3,01,655.00	35,321.00
Congenital Rubella Syndrome and Hospital Based Surveillance	5,88,056.00	25,62,417.00	15,466.00	31,65,939.00	23,36,494.00	8,29,445.00
Establishment of DBT NIDAN Kendra at AIIMS Jodhpur	1,13,65,750.00	8,59,000.00	2,12,858.00	1,24,37,608.00	86,98,632.00	37,38,976.00
Improve diagnosis and Management of cystic fibrosis	4,84,473.00	4,14,109.00	13,525.00	9,12,107.00	4,64,267.00	4,47,840.00
Stimulating Medical Students interest in Medical	10,28,399.00	-	25,775.00	10,54,174.00	6,50,055.00	4,04,119.00
Burden of Multidrug-resistant neonatal sepsis in hospital	2,52,669.00	19,51,400.00	6,443.00	22,10,512.00	20,27,509.00	1,83,003.00
Epidemiological study of estimating the Burden of Soil Transmitted.....	2,71,852.00	-	7,740.00	2,79,592.00	1,21,859.00	1,57,733.00

An Observational study Analyzing the post-mortem Interval in Human... Resource Centre/Hub under Health Technology Assessment Project Emerging drug resistance in community acquired	8,26,568.00 48,00,212.00 3,16,487.00	- - 3,51,198.00	15,415.00 1,24,591.00 5,310.00	8,41,983.00 49,24,803.00 6,72,995.00	6,73,614.00 15,96,601.00 3,58,786.00	1,68,369.00 33,28,202.00 3,14,209.00
DHR-ICMR Advance Medical Oncology Diagnostic Services (DIAMONDS) GenomeIndia cataloguing the Genetic Variation in Indians	1,15,38,996.00 -	- 48,00,000.00	2,92,615.00 62,337.00	1,18,31,611.00 48,62,337.00	28,11,067.00 20,84,951.00	90,20,544.00 27,77,386.00
Evaluation of a health system based intervention on change in thrombolysis rate in ST segment elevated myocardial infarction (STEMI) acute coronary syndrome (ACS) across selected districts of the country-A health implementation research project (ICMR-STEMI-ACT) Clinical Characteristics and virological clearance among SARS Cov-2 Infected patients in India	- -	25,06,630.00 2,06,875.00	59,088.00 1,813.00	25,65,718.00 2,08,688.00	1,18,060.00 2,08,688.00	24,47,658.00 -
Research on Indegenous population of district Sirohi Evaluation of efficacy and safety of Ayurveda intervention (AYUSH 64) add on therapy for patients with COVID-19 Infection (satge-1) Unnat Bharat Abhiyan (UBA)	- -	33,38,000.00 5,00,000.00 50,000.00	14,240.00 5,128.00 1,082.00	33,52,240.00 5,05,128.00 51,082.00	28,41,762.00 5,00,029.00 -	5,10,478.00 5,099.00 51,082.00
Multimodal Approaches to develop potential therapeutic Leads targeting molecular hot spots of Duchenne muscular Dystrophy for clinical trial Research study on patient blood management of Rajasthan state and its impact on health economics	- -	2,58,400.00 7,50,000.00	3,487.00 13,336.00	2,61,887.00 7,63,336.00	13,400.00 1,29,861.00	2,48,487.00 6,33,475.00
"National Clinical Registry for COVID-19 India" "Expansion of Antimicrobial Stewardship (AMS) and Infection Control Program (ICP) of ICMR in Secondary Care Hospitals"	- -	28,12,000.00 15,33,230.00	8,577.00 18,274.00	28,20,577.00 15,51,504.00	25,14,091.00 2,39,307.00	3,06,486.00 13,12,197.00
"HTA of National Stroke Care Registry Programme - Development of Hospital Based Stroke Registries (HBSR) in different regions of India" Regarding Investigator Clinical Study Agreement between Dr. Pushinder Khera AllIMS Ju and ISRO Clinipharm Pvt Ltd	- -	5,00,000.00 1,83,366.00	1,350.00 1,338.00	5,01,350.00 1,84,704.00	2,53,157.00 1,42,367.00	2,48,193.00 42,337.00
Comparative Assessment of various models of Mobile Medical Units for provision of service in remote and under served areas.	-	1,18,947.00	1,001.00	1,19,948.00	71,893.00	48,055.00
Evaluation of antiviral activity of a natural phytoconstituents based mouthwash Risk factors for SARS-CoV-2 infection among health care workers in India: A Case Control Study	- -	3,11,000.00 4,15,000.00	1,421.00 1,426.00	3,12,421.00 4,16,426.00	2,12,804.00 3,95,150.00	99,617.00 21,276.00
Development of an AI platform for Hyman Health Mitochondrial dysfunction in children fur to heat stress....	- -	16,70,800.00 1,06,04,952.00	11,204.00 68,260.00	16,82,004.00 1,06,73,212.00	- 5,04,680.00	16,82,004.00 1,01,68,532.00
Genetic Predisposition to methylglyoxal (MGO) toxicity and its association with targeted metabolites and glyco-oxidative stress in diabetic nephropathy	-	13,00,000.00	8,316.00	13,08,316.00	1,34,560.00	11,73,756.00

Iron Status in Healthy Term Breastfed Infants in Early Infancy: A Prospective Cohort Study	-	36,53,988.00	-	36,53,988.00	1,04,825.00	35,49,163.00
Database Creation For Computational Predictive Analysis of Treatment Response Assessment in Esophageal Cancer Patients In India	-	3,16,000.00	-	3,16,000.00	15,097.00	3,00,903.00
Grant bank Canada	4,45,529.00		10,351.00	4,55,880.00	4,12,055.00	43,825.00
Extramural Res Section	85,801.00			85,801.00	-	85,801.00
TOTAL	3,79,39,592.00	4,63,14,814.00	11,85,950.00	8,54,40,356.00	3,68,54,443.00	4,85,85,913.00

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 All India Institute of Medical Sciences, Jodhpur

 अखिल भारतीय आर्युविज्ञान संस्थान, जोधपुर

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR									
Statements showing the Receipts and Payments of the Grants received during the year ended on 31.03.2021									
Particulars	Receipts	Amounts	Particulars	Payments			Amounts		
				General	Capital	Salary			
Opening Balance		3,79,39,592.00	Payments						
Cash			Capacity Building and Strengthening of Hospital Infection Control to Detect and Prevent Antimicrobial Resistance in India			13,14,046.00	13,14,046.00		
Bank	3,79,39,592.00		Low birth weight in new born and Anaemia in Pregnant Women in Fluoride Endemic Area of Western Rajasthan	10,000.00			1,10,000.00		
			Effect of language on performance on color word stroop task: An evoked Potential study	4,61,533.00		46,935.00	5,08,468.00		
			Prevalence of Fluorosis in the community of selected Districts of India and development of an appropriate intervention model for prevention and control of fluorosis			76,709.00	76,709.00		
Grant Received Extramural		4,63,14,814.00	AIIMS, Jodhpur Regional Centre for ASN	26,498.00	2,48,850.00	4,25,710.00	7,01,058.00		
Effect of language on performance on color word stroop task: An evoked Potential study	5,03,276.00		Evaluating and strengthening pre-hospital trauma care system for mitigating burden of traffic accidents in jodhpur	1,076.00			1,076.00		
ICMR "Initiating Antimicrobial Stewardship	16,51,087.00		ICMR "Initiating Antimicrobial Stewardship	45,505.00		9,55,765.00	10,01,270.00		
Systems Approach for Assessment of Maternal Deaths	17,34,339.00		Systems Approach for Assessment of Maternal Deaths	65,000.00		3,14,361.00	3,79,361.00		
Assessment of effectiveness of IT enabled Equipment Management & Maintenance System(e-upakaran) in Rajasthan	2,50,000.00		Assessment of effectiveness of IT enabled Equipment Management & Maintenance System(e-upakaran) in Rajasthan	23,034.00		1,51,000.00	1,74,034.00		
SRA-Verbal Autopsy Initiative	73,800.00		To Assess the prevalence of specific micronutrient	39,188.00		1,67,967.00	2,07,155.00		

To Assess the prevalence of specific micronutrient	1,35,000.00			1,76,067.00		21,20,877.00	22,96,944.00
Congenital Rubella Syndrome & Hospital Based Surveillance	25,62,417.00			4,40,286.00	74,97,000.00	5,93,090.00	85,30,376.00
Establishment of DBT NIDAN Kendra at AIIMS Jodhpur	8,59,000.00			21,354.00		4,09,500.00	4,30,854.00
Improve diagnosis and Management of cystic fibrosis	4,14,109.00			2,14,699.00	42,150.00	3,61,340.00	6,18,189.00
Burden of Multidrug-resistant neonatal sepsis in hospital	19,51,400.00			3,65,448.00		14,82,061.00	18,47,509.00
Emerging drug resistance of in community acquired	3,51,198.00			36,859.00		50,000.00	86,859.00
GenomeIndia cataloguing the Genetic Variation in Indians	48,00,000.00			5,66,104.00	85,910.00		6,52,014.00
Evaluation of a health system based intervention on change in thrombolysis rate in ST segment elevated myocardialinfarction (STEMI) acute coronary syndrome (ACS) across selected districts of the country-A health implementation research project(ICMR-STEMI-ACT)	25,06,630.00			1,74,966.00		12,00,000.00	13,74,966.00
Clinical Characteristics and virological clearance among SARS Cov-2 Infected patients in India	2,06,875.00			1,35,406.00		2,05,400.00	3,40,806.00
Research on Indigenous population of district Sirohi	33,38,000.00			8,28,242.00	69,107.00	12,09,420.00	21,06,769.00
Evaluation of efficacy and safety of Ayurveda intervention (AYUSH 64) add on therapy for patients with COVID-19 infection (satge-1)	5,00,000.00			13,91,951.00	65,077.00	2,27,923.00	16,84,951.00
Urmat Bharat Abhiyan (UBA)	50,000.00			87,549.00		96,000.00	1,83,549.00
Multimodal Approaches to develop potential therapeutic Leads targeting molecular hot spots of Duchenne muscular Dystrophy for clinical trial	2,58,400.00			2,31,167.00	64,050.00	25,46,545.00	28,41,762.00

Research study on patient blood management of Rajasthan state and its impact on health economics	7,50,000.00			Evaluation of efficacy and safety of Ayurveda intervention (AYUSHI 64) add on therapy for patients with COVID-19 infection (stage-1)	2,55,076.00		2,44,953.00	5,00,029.00
"National Clinical Registry for COVID-19 India"	28,12,000.00			Multimodal Approaches to develop potential therapeutic Leads targeting molecular hot spots of Duchenne muscular Dystrophy for clinical trial	5,000.00			5,000.00
"Expansion of Antimicrobial Stewardship (AMSP) and Infection Control Program (ICP) of ICMR in Secondary Care Hospitals"	15,33,230.00			Research study on patient blood management of Rajasthan state and its impact on health economics	1,29,861.00			1,29,861.00
"HTA of National Stroke Care Registry Programme - Development of Hospital Based Stroke Registries (HBSR) in different regions of India"	5,00,000.00			"National Clinical Registry for COVID-19 India"	18,77,219.00		5,92,872.00	24,70,091.00
Safety and Efficacy of Lipiodol Ultra Fluid in Association with surgical glues during Vascular Emolization, a phase IV study	1,83,366.00			"Expansion of Antimicrobial Stewardship (AMSP) and Infection Control Program (ICP) of ICMR in Secondary Care Hospitals"			1,68,677.00	1,68,677.00
Comparative Assessment of various models of Mobile Medical Units for provision of service in remote and under served areas.	1,18,947.00			"HTA of National Stroke Care Registry Programme - Development of Hospital Based Stroke Registries (HBSR) in different regions of India"	56,823.00		1,96,334.00	2,53,157.00
Evaluation of antiviral activity of a natural phytoconstituents based mouthwash	3,11,000.00			Safety and Efficacy of Lipiodol Ultra Fluid in Association with surgical glues during Vascular Emolization, a phase IV study	1,18,054.00			1,18,054.00
Risk factors for SARS-CoV-2 infection among health care workers in India: A Case Control Study	4,15,000.00			Comparative Assessment of various models of Mobile Medical Units for provision of service in remote and under served areas.	18,426.00		47,520.00	65,946.00
Development of an AI platform for Hyman Health	16,70,800.00			Evaluation of antiviral activity of a natural phytoconstituents based mouthwash	1,32,941.00		48,763.00	1,81,704.00
Mitochondrial dysfunction in children fur to heat stress....	1,06,04,952.00			Risk factors for SARS-CoV-2 infection among health care workers in India: A Case Control Study	1,44,150.00		2,31,000.00	3,75,150.00
Genetic Predisposition to methylglyoxal (MGO) toxicity and its association with targeted metabolites and glyco-oxidative stress in diabetic nephropathy	13,00,000.00			Genetic Predisposition to methylglyoxal (MGO) toxicity and its association with targeted metabolites and glyco-oxidative stress in diabetic nephropathy			18,560.00	18,560.00

Iron Status in Healthy Term Breastfed Infants in Early Infancy: A Prospective Cohort Study	36,53,988.00		Database Creation For Computational Predictive Analysis of Treatment Response Assessment in Esophageal Cancer Patients In India		15,097.00	15,097.00	15,097.00
Database Creation For Computational Predictive Analysis of Treatment Response Assessment in Esophageal Cancer Patients In India	3,16,000.00		Grant bank Canada	2,000.00			2,000.00
Interest Earned		11,85,950.00					
Perception of physicians, pharmacists and patients regarding prescription of generic drugs in Patan city	28.00		Interest Refund				3,23,078.00
Congenital Rubella Syndrome	1,369.00		Establishment of DBT NIDAN Kendra at AIIMS Jodhpur	1,68,256.00			
Capacity Building and Strengthening of Hospital Infection Control to Detect and Prevent Antimicrobial Resistance in India	36,749.00		DHR-ICMR Advance Medical Oncology Diagnostic Services (DIAMONDS)	1,54,822.00			
Low birth weight in new born and Anaemia in Pregnant Women in Fluoride Endemic Area of Western Rajasthan	5,622.00						
Effect of language on performance on color word stroop task: An evoked Potential study	1,814.00		Overhead charges				29,31,496.00
Prevalence of Fluorosis in the community of selected Districts of India and development of an appropriate intervention model for prevention and control of fluorosis	27,755.00		Perception of physicians, pharmacists and patients regarding prescription of generic drugs in Patan city	1,528.00			
Strengthening Laboratory Capabilities	30,206.00		Capacity Building and Strengthening of Hospital Infection Control to Detect and Prevent Antimicrobial Resistance in India	15,000.00			
CANscript™ Clinical Outcomes in a Real- world setting (ANCERS-S): A Prospective, Multicentre, Observational Study Examining the Clinical Utility of CANscript™ in routine Clinical Practice	238.00		Effect of language on performance on color word stroop task: An evoked Potential study	12,845.00			

AIIMS, Jodhpur Regional Centre for ASN	19,320.00		Prevalence of Fluorosis in the community of selected Districts of India and development of an appropriate intervention model for prevention and control of fluorosis	91,850.00		
Epigenetic modification of apelin in and leptin in obese subjects	2,392.00		ICMR "Initiating Antimicrobial Stewardship	59,984.00		
Evaluating and strengthening pre-hospital trauma care system for mitigating burden of traffic accidents in Jodhpur	621.00		Systems Approach for Assessment of Maternal Deaths	75,501.00		
ICMR "Initiating Antimicrobial Stewardship	16,172.00		To Assess the prevalence of specific micronutrient	94,500.00		
Systems Approach for Assessment of Maternal Deaths	23,342.00		Congenital Rubella Syndrome & Hospital Based Surveillance	39,550.00		
Assessment of effectiveness of IT enabled Equipment Management & Maintenance System(e-upakaran) in Rajasthan	3,555.00		Improve diagnosis and Management of cystic fibrosis	33,413.00		
SRA-Verbal Autopsy Initiative	2,653.00		Stimulating Medical Students interest in Medical	31,866.00		
To Assess the prevalence of specific micronutrient	2,347.00		Burden of Multidrug-resistant neonatal sepsis in hospital	1,80,000.00		
Congenital Rubella Syndrome & Hospital Based Surveillance	15,466.00		Epidemiological study of estimating the Burden of Soil Transmitted.....	35,000.00		
Establishment of DBT NIDAN Kendra at AIIMS Jodhpur	2,12,858.00		An Observational study Analysing the post-mortem interval in Human...	21,600.00		
Improve diagnosis and Management of cystic fibrosis	13,525.00		Resource Centre/Hub under Health Technology Assessment Project	2,21,635.00		
Stimulating Medical Students interest in Medical	25,775.00		Emerging drug resistance of in community acquired	17,980.00		
Burden of Multidrug-resistant neonatal sepsis in hospital	6,443.00		DHR-ICMR Advance Medical Oncology Diagnostic Services (DIAMONDS)	5,49,476.00		
Epidemiological study of estimating the Burden of Soil Transmitted.....	7,740.00		GenomeIndia cataloging the Genetic Variation in Indians	4,00,000.00		

An Observational study Analysing the post-mortem interval in Human...	15,415.00	Evaluation of a health system based intervention on change in thrombolysis rate in ST segment elevated myocardial infarction (STEMI) acute coronary syndrome (ACS) across selected districts of the country-A health implementation research project(ICMR-STEMI-ACT)	1,18,060.00			
Resource Centre/Hub under Health Technology Assessment Project	1,24,591.00	Clinical Characteristics and virological clearance among SARS Cov-2 Infected patients in India	1,813.00			
Emerging drug resistance of in community acquired	5,310.00	Multimodal Approaches to develop potential therapeutic Leads targeting molecular hot spots of Duchenne muscular Dystrophy for clinical trial	8,400.00			
DHR-ICMR Advance Medical Oncology Diagnostic Services (DIAMONDS)	2,92,615.00	"National Clinical Registry for COVID-19 India"	44,000.00			
GenomeIndia cataloguing the Genetic Variation in Indians	62,337.00	"Expansion of Antimicrobial Stewardship (AMSP) and Infection Control Program (ICP) of ICMR in Secondary Care Hospitals"	70,630.00			
Evaluation of a health system based intervention on change in thrombolysis rate in ST segment elevated myocardial infarction (STEMI) acute coronary syndrome (ACS) across selected districts of the country-A health implementation research project(ICMR-STEMI-ACT)	59,088.00	Safety and Efficacy of Lipiodol Ultra Fluid in Association with surgical glues during Vascular Emolization, a phase IV study	24,313.00			
Clinical Characteristics and virological clearance among SARS Cov-2 Infected patients in India	1,813.00	Comparative Assessment of various models of Mobile Medical Units for provision of service in remote and under served areas.	5,947.00			
Research on Indigenous population of district Sirahi	14,248.00	Evaluation of antiviral activity of a natural phytoconstituents based mouthwash	31,100.00			
Evaluation of efficacy and safety of Ayurveda intervention (AYUSH 64) add on therapy for patients with COVID-19 infection (stage-1)	5,128.00	Risk factors for SARS-CoV-2 infection among health care workers in India: A Case Control Study	20,000.00			

Unnat Bharat Abhiyan (UBA)	1,082.00	Mitochondrial dysfunction in children fur to heat stress....	5,04,680.00			
Multimodal Approaches to develop potential therapeutic Leads targeting molecular hot spots of Duchenne muscular Dystrophy for clinical trial	3,487.00	Genetic Predisposition to methylglyoxal (MGO) toxicity and its association with targeted metabolites and glyco-oxidative stress in diabetic nephropathy	1,16,000.00			
Research study on patient blood management of Rajasthan state and its impact on health economics	13,336.00	Iron Status in Healthy Term Breastfed Infants in Early Infancy: A Prospective Cohort Study	1,04,825.00			
"National Clinical Registry for COVID-19 India"	8,577.00	Advance Paid				5,00,000.00
"Expansion of Antimicrobial Stewardship (AMSP) and Infection Control Program (ICP) of ICMR in Secondary Care Hospitals"	18,274.00	Systems Approach for Assessment of Maternal Deaths	5,00,000.00			
"HTA of National Stroke Care Registry Programme - Development of Hospital Based Stroke Registries (HBSR) in different regions of India"	1,350.00					
Safety and Efficacy of Lipiodol Ultra Fluid in Association with surgical glues during Vascular Emolization, a phase IV study	1,338.00					
Comparative Assessment of various models of Mobile Medical Units for provision of service in remote and under served areas.	1,001.00	Unspent Grant Return				13,27,818.00
Evaluation of antiviral activity of a natural phytoconstituents based mouthwash	1,421.00	Effect of language on performance on color word stroop task: An evoked Potential study	16,143.00			
Risk factors for SARS-CoV-2 infection among health care workers in India: A Case Control Study	1,426.00	Prevalence of Fluorosis in the community of selected Districts of India and development of an appropriate intervention model for prevention and control of fluorosis	7,14,179.00			
Development of an AI platform for Hyman Health	11,204.00	Epigenetic modification of apelin in and leptin in obese subjects	1,64,115.00			
Mitochondrial dysfunction in children fur to heat stress....	68,260.00	Clinical Characteristics and virological clearance among SARS Cov-2 Infected patients in India	23,326.00			

Genetic Predisposition to methylglyoxal (MGO) toxicity and its association with targeted metabolites and glyco-oxidative stress in diabetic nephropathy	8,316.00	Grant bank Canada	4,10,055.00		
Grant bank Canada	10,351.00				
Any Others		- Closing Balance			
		Cash			
		Bank	4,85,85,913.00		
Total		Total	8,54,40,356.00		8,54,40,356.00

AIIMS, Jodhpur

Dean (Research)

AIIMS, Jodhpur

Dean (Research)

अधिष्ठाता (अनुसंधान)

All India Institute of Medical Sciences, Jodhpur

अखिल भारतीय आयुर्विज्ञान संस्थान, जोधपुर



भारतीय लेखापरीक्षा और लेखा विभाग

कार्यालय प्रधान निदेशक लेखापरीक्षा (केन्द्रीय), अहमदाबाद
शाखा कार्यालय राजस्थान, जनपथ, जयपुर-302005

INDIAN AUDIT AND ACCOUNTS DEPARTMENT
Office of the Principal Director of Audit (Central), Ahmedabad
Branch Office Rajasthan, Janpath, Jaipur-302005

No. CRA-II/Exp./SAR/AIIMS/2020-21/D-1014

Dated :- 17 Dec 2021

To,
The Secretary,
Government of India,
Ministry of Health and Family Welfare,
A Wing, Nirman Bhawan,
Maulana Azad Road, New Delhi - 110 011

Sub.: Separate Audit Report on the accounts of All India Institute of Medical Sciences-Jodhpur for the year 2020-21.

Sir,

Please find enclosed the Separate Audit Report on the accounts of All India Institute of Medical Sciences-Jodhpur for the year 2020-21 along with copy of Annual Accounts.

2. The Audited accounts and Separate Audit Report required to be placed before the AGM of the Apex Governing Body of the Institute for consideration and adoption and resolutions passed thereon before these are sent by the Ministry for being placed before Parliament.
3. The dates of presentation of Audited Accounts and Separate Audit Report before the Parliament may please be intimated. Five sets of printed documents (Audit Report, Annual Report & Audited Accounts) may also please be sent to this office.
4. Hindi version of the Separate Audit Report will be issued shortly.
5. Kindly acknowledge receipt of the documents.

Encl.: As above.

Yours sincerely,

Director/CRA-II

Mahalekhakar Bhawan, Janpath, Jaipur-302005
PBAX: 0141-2385430-39

महालेखाकार भवन, जनपथ, जयपुर-302005
ई-मेल / E-mail : brpdacahmedabad@cag.gov.in

Separate Audit Report of the Comptroller and Auditor General of India on the accounts of All India Institute of Medical Sciences, Jodhpur, Rajasthan for the year ended 31 March 2021

We have audited the attached Balance Sheet of All India Institute of Medical Sciences (AIIMS), Jodhpur, Rajasthan as at 31 March 2021, the Income and Expenditure Account and the Receipts and Payments Account for year ended on that date under Section 19(2) of the Comptroller & Auditor General's (Duties, Powers & Conditions of Service) Act, 1971 read with Section 18(2) of AIIMS Act, 1956 and the AIIMS (Amendment) Act, 2012. These financial statements are the responsibility of AIIMS's management. Our responsibility is to express an opinion on these financial statements based on our audit.

2. This Separate Audit Report contains the comments of the Comptroller & Auditor General of India (C&AG) on the accounting treatment only with regard to classification, conformity with the best accounting practices, accounting standards, disclosure norms, etc. Audit observations on financial transactions with regard to compliance with the Law, Rules & Regulations (Propriety and Regularity) and efficiency-cum-performance aspects, etc., if any, are reported through Inspection Reports/C&AG's Audit Reports separately.

3. We have conducted our audit in accordance with the auditing standards generally accepted in India. These standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatements. An audit includes examining, on a test basis, evidences supporting the amounts and disclosure in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of financial statements. We believe that our audit provides a reasonable basis for our opinion.

4. Based on our audit, we report that:

- i. We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of our audit.
- ii. The Balance Sheet, Income & Expenditure Account and Receipts & Payments Account dealt with by this report have been drawn up in the format approved by Ministry of Finance, Government of India.
- iii. In our opinion, proper books of accounts and other relevant records have been maintained by the AIIMS, Jodhpur, as required, in so far as it appears from our examination of such books.
- iv. We further report that:

Comments on accounts

A. General

A.1 The "Uniform Format of Accounts for Central Autonomous Bodies" provides in Schedule-21 Other Administrative Expenditure etc., that "Prior period and Extraordinary Items shall be separately disclosed,

so that the effect thereof on the net expenditure for the year is known”.

The Institute has included Prior period expenditure of ₹ 5.58 crore under Schedule-21 of Income and Expenditure Account. As this expenditure pertains to the year 2019-20, a separate disclosure should be made so that the effect thereof, on the net expenditure for the year is known.

A.2 A reference is invited towards the Schedule-7 (B) of the ‘Uniform Format of Accounts’ issued for preparation of accounts of the autonomous bodies, in which it has been stated that the Provision for liability towards Gratuity, Superannuation/Pension and Accumulated leave needs to be made on actuarial valuation basis. Further, Accounting Standard-15 (Employee Benefit) also provides that an entity should recognise the future expenses in its financial statements based on actuarial valuation.

This comment was also made in the previous SARs, yet the same could not be rectified and the same practice is followed in this year also.

A.3 As per office memorandum no. 994 dated 20.9.2017 any item of fixed asset acquired or purchased or constructed by Government of India on or after 1 April 2018 should be recognised and recorded in the Asset Register (New). Scrutiny of records of AIIMS, Jodhpur revealed that Institute has not adopted new format of Asset Register.

A.4 Significant Accounting Policies

Schedule-25 of the Uniform Format of Accounts for Central Autonomous Bodies issued by the Ministry of Finance, Department of Expenditure stipulates that manner of depiction of foreign currency transaction in the financial statements.

During scrutiny of the vouchers and other related records it was observed that the AIIMS, Jodhpur has incurred expenditure in foreign currency on account of purchase of capital goods and travelling during the year 2020-21, yet the transactions were not depicted in the financial statements as per the prescribed format. Thus, the depiction of Foreign Currency Transactions was deficient to that extent.

B. Grants-in-aid

During the financial year 2020-21, AIIMS, Jodhpur received Grants-in-aid of ₹ 618 crore (Salary: ₹ 251 crore; General: ₹ 220 crore; Capital: ₹ 145 crore and SAP grant: ₹ 2 crore) from MoHFW. Balance of unspent grant of ₹ 141.06 crore was available at the beginning of the year. Out of total available grant of ₹ 759.06 crore, the Institute could utilise ₹ 619.75 crore, leaving a balance of ₹ 139.31 crore unutilised at the end of financial year.

C. Management Letter

Deficiencies, which have not been included in the SAR, have been brought to the notice of the Management through a management letter issued separately for remedial/corrective action.

v. Subject to our observations in the preceding paragraphs, we report that the Balance Sheet, Income & Expenditure Account and Receipts & Payments Account dealt with by this report are in agreement with the books of accounts.

vi. In our opinion and to the best of our information and according to the explanations given to us, the said Financial Statements read together with the Accounting Policies and Notes on Accounts, and subject to the significant matters, stated above and other matters mentioned in Annexure to this SAR give a true and fair view in conformity with accounting principles generally accepted in India.

- (a) In so far as it relates to the Balance Sheet, of the state of affairs of the All India Institute of Medical Sciences, Jodhpur as at 31 March 2021, and
- (b) In so far as it relates to Income & Expenditure Account of the Surplus for the year ended on that date.

For and on behalf of the C&AG of India

Place:

Date:

V. N. Kothari

Principal Director of Audit (Central) Ahmedabad

Annexure

1. Adequacy of Internal Audit System

Internal Audit System in the Institute was not adequate as Internal Audit by the MoHFW was conducted upto the year 2014-15 only and no Internal Audit Manual was available with the Institute.

2. Adequacy of Internal Control System

The Internal Control System was adequate as per the size of the Institute.

Institute does not have its own separate Accounting Manual. Rules and Regulations as prescribed by Government of India are followed.

3. Physical Verification of Fixed Assets

Physical verification of fixed assets was conducted for the year 2020-21.

4. Physical Verification of Inventories

Physical verification of inventories was conducted for the year 2020-21.

5. Regularity in payment of statutory dues

The statutory dues were being deposited by the Institute on regular basis.

**ALL INDIA INSTITUTE OF MEDICAL SCIENCES
JODHPUR**

Para wise comments on Separate Audit Report of the Comptroller & Auditor General of India on the accounts of All India Institute of Medical Sciences, Jodhpur Rajasthan for the year 2020-21.

S. No.	Observation in the Final Separate Audit Report	Comments on observation
A.	General	
A.1	<p>The "Uniform format of Account for Central Autonomous Bodies" provides in schedule-21 other Administrative Expenditure etc. that "Prior period and Extraordinary Items shall be separately disclosed, so that the effect thereof on the net expenditure for the year is known".</p> <p>The Institute has included prior period expenditure of ₹ 5.58 Crore under Schedule-21 of Income & Expenditure Account. As the expenditure pertains to the year 2019-20, a separate disclosure should be made so that the effect thereof, on the net expenditure for the year is known.</p>	The expenditure is accounted for in the books of accounts after being approved by the competent authority and sanctions accordingly. The utilization of grant is also issued on the basis of Income & Expenditure sanctioned and the prior period expenditures for which sanctions were to be received later do not impact the Income & Expenditure A/c and utilization of grant for the year.
A.2	<p>A reference is invited towards the Schedule-7(B) of the "Uniform format of Accounts" issued for preparation of accounts of the autonomous bodies, in which it has been stated that the Provision for liability towards Gratuity, Superannuation /Pension and accumulated leave need to be made on actuarial valuation basis. Further, Accounting Standard-15 (Employee Benefit) also provides that an entity should recognize the future expenses in its financial statements based on actuarial valuation.</p> <p>This comment was also made in previous years SARs, yet the same could not be rectified and the same practice is followed in this year also.</p>	As advised by the audit for maintenance of provision, the Institute is exploring hiring of actuarial service for this purpose and the same shall be intimated to the audit accordingly.
A.3	As per office memorandum no. 994 dated 20.9.2017 any item of fixed asset acquired or purchased or constructed by Gol on or after 1 April 2018 should be recognized and recorded in the Asset Register (New). Scrutiny of records of AIIMS Jodhpur revealed that Institute has not adopted new format of Asset Register.	In this regard, adequate steps have been taken and the same was conveyed to various departments handling with such registers. The same shall be submitted to next audit.
A.4	<p>Significant Accounting Policies:</p> <p>Schedule-25 of the Uniform format of Account for Central Autonomous Bodies issued by the Ministry of Finance, Department of Expenditure stipulates that manner of depiction of foreign currency transactions in the financial statements.</p>	All foreign currency transactions are booked in the books of the Institute in the INR as and when the payment was released against such transactions. However, as advised by the Audit from now onwards, a separate disclosure shall be made in note to accounts.



	During scrutiny of the vouchers and other related records it was observed that the AIIMS, Jodhpur has incurred expenditure in foreign currency on account of purchase of capital goods and travelling during the year 2020-21, yet the transactions were not depicted in the financial statements as per the prescribed format. Thus, the depiction of foreign currency transaction was deficient to that extent.	
B.	Grant-in-aid	
	During the financial year 2020-21, AIIMS, Jodhpur received Grant-in-Aid of ₹ 618 crore (Salary: ₹ 251 crore, General: ₹ 220 crore, Capital: ₹ 145 crore and SAP grant: ₹ 2 crore) from the Ministry of Health & Family Welfare. Balance of unspent grant ₹ 141.06 crore was available at the beginning of the year. Out of total available grant of ₹ 759.06 crore, the Institute could utilize ₹ 619.75 crore leaving a balance of ₹ 139.31 crore unutilized at the end of financial year.	Factual position, no comments offered.
Annexure to the Final SAR on the Accounts of AIIMS, Jodhpur for the year 2020-21		
1.	Adequacy of Internal Audit System Internal audit system in the Institute was not adequate as internal audit by the MoHFW was conducted upto the 2014-15 only and no internal audit manual was available with the Institute.	The Internal audit for the Institute is conducted by MoHFW since inception. Last audit was conducted by MoHFW for the year 2014-15.
2.	Adequacy of Internal Control System The internal control system was adequate as per the size of the institute. Institute does not have its own separate accounting manual. Rules and Regulations as prescribed by GoI are followed.	No comments
3.	Physical Verification of fixed asset Physical verification of fixed assets was conducted for the year 2020-21.	No comments
4.	Physical Verification of Inventories Physical verification of inventories was conducted for the year 2020-21.	No comments
5.	Regularity in Payment of statutory dues The statutory dues were being paid by the institute on regular basis.	No comments



AIIMS in News

प्रदेश में सरकारी अस्पताल की पहली सुविधा: एम्स जोधपुर में सीटी इमेजिंग मॉडलिटी सुविधा शुरू

कैंसर रोगियों को अब अन्य मेट्रो सिटी जाने की जरूरत नहीं
नवज्योति/जोधपुर।



अखिल भारतीय आयुर्विज्ञान केन्द्र एम्स परमाणु चिकित्सा विभाग जोधपुर में बुधवार से पीईटी.सीटी इमेजिंग मॉडलिटी सुविधा शुरू हो गई। इसका शुभारंभ डॉ. संजीव मिश्रा, निदेशक एम्स ने किया। एम्स में यह सुविधा राजस्थान के एक सरकारी अस्पताल में अपनी तरह की पहली सुविधा है। अब कैंसर रोगियों को पीईटी स्केन के लिए शहर से बाहर जाने की जरूरत नहीं पड़ेगी और इसके लिए 80 से 90 प्रतिशत खर्च भी कम

होगा। न्यूक्लियर मेडिसिन विभाग के विभागाध्यक्ष, अपर आचार्य डॉ. राजेश कुमार ने बताया, पीईटी.सीटी कार्यात्मक इमेजिंग उपकरण है जो कोशिकाओं की गतिविधि का मापन करता है। पीईटी सीटी स्केन कैंसर रोगियों के निदान, अवस्था निर्धारण व अनुवर्तन

संक्रमण का पता लगाने में सहायक

पीईटी.सीटी स्केन का उपयोग शरीर में संक्रमण के केन्द्र का पता लगाने के लिए किया जा सकता है। पीईटी.सीटी का उपयोग पागलपन, दौरे और पार्किंसंस रोग के रोगियों में नसितक इमेजिंग के लिए भी किया जाएगा। डॉ. राजेश ने बताया, इन प्रक्रियाओं के लिए मरीज को अस्पताल में भर्ती होने की आवश्यकता नहीं है क्योंकि ये बाह्यरोगी ओपीडी आधार पर किए जाते हैं। इसके लिए रोगी को संबंधित विभाग में आना होगा और प्रक्रिया पूरी होने पर 2 से 3 घंटे के उपरांत रोगी वापस जा सकता है। ये प्रक्रियाएं सुरक्षित हैं और इनके कोई बड़े दुष्प्रभाव भी नहीं हैं। डॉ. राजेश ने बताया, कि विभाग ने हाई डोज रेडियोन्यूक्लाइड थेरेपी वाई के निर्माण की दिशा में काम करना शुरू कर दिया है।

में सहायक होते हैं। यह कैंसर की पहचान प्रारंभिक अवस्था में करने के साथ ही उसके फैलने की सीमा भी पता कर लेता है। यह कीमथेरेपी और रेडियोथेरेपी जैसे कैंसर उपचार की प्रतिक्रिया का आंकलन करने में भी मदद करता है। वहीं रेडियोथेरेपी उपचार की योजना बनाने में भी सहायक है। कैंसर की देखभाल के अलावा इसका उपयोग दिल के मरीजों के लिए भी किया जाता है ताकि वे दिल के दौरों के बाद बाइपास सर्जरी या एंजियोप्लास्टी जैसे उपचार के विकल्पों पर निर्णय ले सकें।

जोधपुर, गुजरात, 4 नवंबर 2021
dainiknavajyoti.com

देशभर में जोधपुर एम्स में ही ये सुविधा

एम्स में 71 वर्ष महिला की हुई लेक्सेल फ्रेम ब्रेन बायोप्सी

नवज्योति/जोधपुर। अखिल भारतीय आयुर्विज्ञान केन्द्र एम्स के न्यूरो सर्जरी विभाग ने एक बार फिर पहली स्टीरियोटेक्टिक सीटी आधारित ब्रेन बायोप्सी कर वृद्ध महिला की जान बचाई। एम्स के निदेशक डॉ. संजीव मिश्रा ने बताया, न्यूरोसर्जरी विभाग द्वारा पहली स्टीरियोटेक्टिक (लेक्सेल फ्रेम) आधारित ब्रेन बायोप्सी की गई। जिसमें एक 70 वर्षीय महिला के मस्तिष्क के दाईं ओर एक गहरा ट्यूमर हुआ था। जिसके कारण रोगी के व्यवहार संबंधी परिवर्तन आए और उसने बायीं ओर के हिस्से में कमजोरी की शिकायत की। मस्तिष्क के सीटी एंड एमआरआई से मस्तिष्क के दाईं ओर गहरे ट्यूमर होने का पता चला। ट्यूमर का पता लगाने के लिए लोकल एपस्थिसिया के द्वारा लेक्सेल स्टीरियोटेक्टिक फ्रेम की मदद से सफलता



देश का पहला संस्थान बना जहां यह सुविधा

पूर्वक एक स्टीरियोटेक्टिक बायोप्सी की गई। सर्जरी एक विशेषज्ञ टीम द्वारा की गई। जिसमें अपर आचार्य न्यूरोसर्जरी डॉ. एसएन भास्कर, सहायक आचार्य डॉ. मोहित अग्रवाल, सहायक आचार्य रेडियोलॉजी शामिल थे। इस प्रक्रिया में न्यूरोसर्जरी रेडियोलॉजी (सीटी या

एमआरआई) पर योजना आधारित पैथोलॉजी घाव की प्रकृति के बारे में आंतरिक रूप से निदान करने के लिए विभाग को शामिल किया गया। फाइनल बायोप्सी रिपोर्ट के आधार पर मरीज का उपचार रेडियो, कीमथेरेपी आंकोलाजी विभाग द्वारा किया जाएगा।

देश में केवल जोधपुर एम्स में यह सुविधा

न्यूरोसर्जरी विभाग के आचार्य डॉ. दीपक कुमार झा ने बताया, राजस्थान में इस प्रकार की सुविधा उपलब्ध है। यह सुविधा वर्तमान में किसी अन्य केन्द्र में उपलब्ध नहीं है। इससे गहरे भीतरी मस्तिष्क ट्यूमर के निदान में बहुत से रोगियों को उपचार में मदद मिलेगी और आने वाले समय में एम्स जोधपुर में कार्यात्मक न्यूरोसर्जरी (पार्किंसंस रोग डिस्टोनिया) रोगों का उपचार की शुरुआत होगी।

जोधपुर, गुजरात, 21 नवंबर 2021
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मां आरएच निगेटिव, पिता पॉजिटिव, गर्भस्थ शिशु को थी खून की कमी एम्स ने 6 सप्ताह तक भ्रूण को आवल नाल से खून चढ़ाकर दी जिंदगी

हेल्प रिपोर्ट/जोधपुर प्रदेश में पहली बार गर्भ में भ्रूण का ट्रांसफ्यूजन कर एम्स ने शिशु की जान बचाने का कारनामा किया है। एम्स स्त्री एवं प्रसूति रोग विभाग ने गर्भस्थ शिशु को 6 सप्ताह तक आवल नाल के जरिए खून चढ़ाकर जिंदगी दे दी। सूरसागर निवासी 29 वर्षीय महिला 6 महीने की गर्भवस्था में इलाज के लिए एम्स में आई थीं। गायत्री विभाग की एसोसिएट प्रोफेसर डॉ. मनु गोयल ने जांच कर पाया कि गर्भस्थ बच्चे में खून की गंभीर कमी है। इसका कारण मां का ब्लड ग्रुप निगेटिव व पिता का

पॉजिटिव होना था। इसके बाद करीब 6 सप्ताह तक लगातार आवल नाल से गर्भ में भ्रूण को खून चढ़ाया गया। 32वें सप्ताह (आठवें महीने) में महिला को सिजेरियन ऑपरेशन कर शिशु की जिंदगी बचाई गई।
महिला के पहले दो गर्भ भी इसी कारण खत्म हुए
डॉ. गोयल ने बताया कि गर्भवती के एम्स में आने के बाद सभी जांच और अल्ट्रासाउंड कराया गया। इसमें पता चला कि भ्रूण में खून की गंभीर कमी है। जांच और महिला के बताई हिस्ट्री से पता चला कि महिला के आरएच आईसो

इम्युनाइज्ड स्थिति है। इसमें मां का आरएच निगेटिव ब्लड ग्रुप और पिता का आरएच पॉजिटिव हो सकता है। इस कारण मां में एंटीबॉडी विकसित होती है। ये एंटीबॉडी प्लेसेंटा को पार करते हैं और भ्रूण के आरबीसी को नष्ट करने लगते हैं। यह भ्रूण में एनीमिया का कारण बन सकते हैं। इससे पूरे भ्रूण में सूजन आ जाती है। इसे हाइड्रोप्स फिटेलिस कहा जाता है। यदि समय रहते भ्रूण के ट्रांसफ्यूजन के साथ इसका इलाज नहीं किया जाता है तो भ्रूण में जिंदगी खत्म हो सकती है। इसी कारण महिला के पहले दो गर्भस्थ शिशुओं की मौत हो गई थी।

सुई के प्रयोग से गर्भाशय में भ्रूण को चढ़ाया खून

गर्भ को बचाने के लिए अल्ट्रासाउंड की मदद से सुई का उपयोग कर भ्रूण को गर्भाशय में ही रक्त चढ़ाया। गर्भावस्था के छठे महीने से हर हफ्ते खून चढ़ाया। इस प्रकार कुल 6 इंटरव्यूट्रियन ट्रांसफ्यूजन किए गए। 8वें महीने में सिजेरियन से शिशु का जन्म हुआ। प्रसव के बाद शिशु को नर्सरी में देखभाल के लिए रखा। वहां नियोनेटोलॉजी विभाग के प्रो. अरुण सिंह व अति. आचार्य नीरज गुप्ता को देखरेख में नवजात शिशु को एक्सचेंज ट्रांसफ्यूजन व इम्यूनोग्लोबुलिन दिया। नवजात शिशु की स्थिति में सुधार के 2 सप्ताह बाद छुट्टी दी गई। गायत्री विभागाध्यक्ष डॉ. प्रतिभा सिंह ने बताया कि एम्स डायरेक्टर डॉ. संजीव मिश्रा ने नेतृत्व में एम्स प्रदेश में पहला सरकारी अस्पताल है जहां इंटरव्यूट्रियन भ्रूण ट्रांसफ्यूजन प्रोसिजर किया गया है।



जोधपुर सिटीजन

लॉकडाउन का पालन करें, कोरोना से बचें

राजस्थान पत्रिका patrika.com 02
जोधपुर, शनिवार, 26 सितम्बर, 2020

आइआइटी जोधपुर और एम्स जोधपुर मिलकर देंगे डिग्री

एम्स व आइआइटी की संयुक्त रूप से जोधपुर में मेडिकल टेक्नोलॉजी में पीजी व पीएचडी शुरू



पहले साल 30 छात्रों का बैच, आधे मेडिकल से व आधे इंजीनियरिंग से

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जोधपुर. भारतीय प्रौद्योगिकी संस्थान (आइआइटी जोधपुर) और अखिल भारतीय आयुर्विज्ञान संस्थान (एम्स) ने इस साल संयुक्त रूप से मेडिकल टेक्नोलॉजी में प्रशासक (पीजी) पीएचडी और इंटेल प्रोग्राम (पीजी

आइआइटी में 4 नए विषयों में बीटैक, कुल 8 विषयों में होगी

इस शैक्षणिक सत्र से आइआइटी जोधपुर में चार नए विषयों में बीटैक शुरू होने जा रहा है। एआई विषय के अलावा सिविल इंजीनियरिंग, केमिकल इंजीनियरिंग और मैटेरियल इंजीनियरिंग विषय में बीटैक शुरू होगी। इससे पहले इलेक्ट्रिकल इंजीनियरिंग, बायो इंजीनियरिंग, कम्प्यूटर साइंस और मैकेनिकल इंजीनियरिंग विषय में बीटैक हो रही है। वर्तमान में आइआइटी जोधपुर में करीब 1600 छात्र-छात्राएं हैं। चार नए बीटैक पाठ्यक्रम सहित पीजी के अन्य कार्यक्रम शुरू होने से इनकी संख्या बढ़कर 2200 हो जाएगी।

प्लस पीएचडी) शुरू किया है। तीनों पाठ्यक्रमों में दस-दस सीटें रखी गई हैं। कुल 30 विद्यार्थियों को प्रवेश दिया गया है।

प्रत्येक पाठ्यक्रम में पांच विद्यार्थी मेडिकल और पांच इंजीनियरिंग फील्ड के हैं। पाठ्यक्रम की कक्षाएं आइआइटी और एम्स दोनों

ही स्थानों पर संचालित की जाएगी। हेल्थ-टेक्नो इनीशिएटिव को बढ़ावा देने के लिए दोनों संस्थानों ने मिलकर डिग्री प्रोग्राम शुरू किया है। इसमें बायो डिवाइस डवलपमेंट, इम्पेजिंग वेस्ट डायग्नोस्टिक, डीप-टेक सोल्यूशन और टेली मेडिसिन को बढ़ावा मिलेगा। वर्तमान में अधिकांश

चिकित्सकीय जांचें इंजीनियर्स द्वारा विकसित मशीनों व डिवाइस से होती हैं। ऐसे में इस तरह के पाठ्यक्रम से ऐसे इंजीनियर्स व डॉक्टर्स तैयार होंगे, जो दोनों एक दूसरे के फील्ड के बारे में जानकारी रखेंगे। इससे स्वास्थ्य क्षेत्र में सुधार व उपचार की तकनीक में बदलाव आएगा।

22 सितम्बर से ऑरिएंटेशन कार्यक्रम शुरू हुआ

एम्स जोधपुर में तीनों पाठ्यक्रमों में प्रवेश प्रक्रिया पूरी हो चुकी है। 22 सितम्बर से ऑरिएंटेशन शुरू हो चुका है। इसके बाद एम्स के डॉक्टर और आइआइटी के प्रोफेसर दोनों ही पाठ्यक्रमानुसार इन्हें अध्ययन करवाएंगे।

राजस्थान पत्रिका
जोधपुर, शुक्रवार, 22 जनवरी,

एम्स में लिथोट्रिप्सी सूट शुरू

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जोधपुर. एम्स जोधपुर में लिथोट्रिप्सी सूट को शुरुआत कर दी गई है। इससे अब छोटी पथरी के इलाज में सुविधा होगी। एम्स डायरेक्टर डॉ. संजीव मिश्रा ने बताया कि अस्पताल के लिथोट्रिप्सी यूरोलॉजी विभाग के तहत कार्यात्मक होगी।

इस सूट में एक डॉनर डेल्टा कॉम्पैक्ट मशीन स्थापित है जो दुनिया में लिथोट्रिप्सी के लिए सबसे शक्तिशाली और कुशल मशीन है। लिथोट्रिप्सी को रक्सर्टोकोपेरियल शॉक वेव के रूप में भी जाना जाता है। लिथोट्रिप्सी एक उपचार पद्धति है जिसके द्वारा गुर्दे की पथरी वाले रोगियों को सर्जरी या अस्पताल में शल्यक्रिया की आवश्यकता से बचने के लिए शॉक वेव देकर इलाज दिया जा सकता है। एम्स जोधपुर अब गुर्दे की पथरी के सभी शिथिलकरण से निपटने के लिए पूरी तरह से सुसज्जित है। सहआचार्य डॉ. गौतम राम चौधरी ने बताया कि इस मशीन से छोटी पथरी के इलाज में बहुत मदद मिलेगी। सहआचार्य डॉ. हिमाशु पाण्डे ने मशीन आगमन पर खुशी जताई। अब किसी भी मरीज को लिथोट्रिप्सी करवाने के लिए शहरों के दूर की यात्रा नहीं करनी पड़ेगी।

02 राजस्थान पत्रिका
जोधपुर, मंगलवार, 22 दिसम्बर, 2020

स्टार्टअप के लिए आइआइटी, एम्स व आइटी विभाग ने मिलाया हाथ

जोधपुर@पत्रिका. स्टार्ट अप को बढ़ावा देने के लिए प्रदेश के सूचना प्रौद्योगिकी व संचार विभाग, आइआइटी जोधपुर और एम्स जोधपुर ने एमओयू किया है।

सूचना प्रौद्योगिकी एवं संचार विभाग के अतिरिक्त निदेशक एसएल भाटी ने बताया कि इन संस्थानों में स्थापित इन्क्यूबेटर को राज्य सरकार द्वारा संचालित आई-स्टार्ट योजना के साथ जोड़ा जाएगा। किसी नए स्टार्टअप को एक बेहतर और सफल उद्यमी बनाने के लिए आई-स्टार्ट योजना के अंतर्गत इन्क्यूबेशन सेंटर संचालित किए जा रहे हैं जिसमें स्टार्टअप को इन्क्यूबेशन सपोर्ट

और मेंटरिंग की सुविधा उपलब्ध कराई जाती है। साथ ही विभिन्न वित्तीय प्रोत्साहन उपलब्ध कराए जाते हैं।

इन्क्यूबेशन सेंटर जोधपुर के प्रभारी व उपनिदेशक जेपी ज्याणी ने बताया कि एमओयू के तहत नॉलेज एक्सचेंज प्रोग्राम, इन्ोवेशन, स्टार्टअप एक्सचेंज, फैंकल्टी और मेंटर्स की सेवाओं का आदान-प्रदान होगा। आइआइटी और एम्स पारस्परिक रूप से प्रौद्योगिकी, ज्ञान और प्रबंधन संबंधित अपनी संस्थागत विशेषज्ञता का सहयोग राज्य में स्टार्टअप को एक बेहतर माहौल प्रदान करने की दिशा में करेंगे।

10 राजस्थान पत्रिका
जोधपुर, बुधवार, 25 नवम्बर, 2020

एम्स में लगी डी एक्स ए स्कैनर मशीन अब आसानी से होगा ऑस्टियोपोरोसिस व फ्रैक्चर रोगियों के हड्डियों के घनत्व का आंकलन



जोधपुर@पत्रिका. एम्स जोधपुर में एंडोक्रिनोलॉजी विभाग में डी एक्स ए स्कैनर मशीन स्थापित की गई है। निदेशक डॉ. संजीव मिश्रा ने बताया कि होलोजिक होरिजन श्रृंखला की संसाधन की नवीनतम तकनीक वाली मशीन है। जिसकी लागत 1.5 करोड़ रुपए आई है। ये एक प्रकार मेडिकल टेस्ट है। जिसका उपयोग किसी भी मरीज की हड्डियों के घनत्व का अनुमान लगाने के लिए किया जाता है। इसमें ऑस्टियोपोरोसिस व

फ्रैक्चर रोगियों के हड्डियों के घनत्व यानी के बीएमडी का आंकलन किया जाता है। ये मशीन ट्राबेक्यूलर बोन स्कोर, वेर्टेबल फ्रैक्चर असेसमेंट जैसी उन्नत तकनीकों को करने, शरीर की वसा संरचना का पता लगाने में भी सक्षम है। इस मौके पर अधीक्षक डॉ. एमके गर्ग, उपनिदेशक प्रशासन एनआर विश्नोई, डॉ. मधुकर मित्तल, डॉ. शुक्ला, डॉ. रविन्द्र कुमार गयाप्रसाद व फैंकल्टीज के अन्य चिकित्सकगण मौजूद थे।

8-07-2020 जोधपुर फ्रंट
भास्कर खास • जोधपुर की इस्कॉन सर्जिकल ने डिजाइन को दिया मूर्त रूप, 18 हजार रुपए आई कीमत

कोरोना मरीजों के उपचार में लगे फ्रंटलाइन हेल्थ वर्कर्स को बचाने को जोधपुर एम्स ने डिजाइन की डिवाइस

हेल्थ रिपोर्टर | जोधपुर

कोरोनाकाल में अस्पतालों में काम कर रहे फ्रंटलाइन हेल्थ वर्कर्स को कोरोना इंफेक्शन से बचाने को जोधपुर एम्स के विशेषज्ञों की टीम ने डिवाइस डिजाइन की है। इस डिजाइन के आधार पर जोधपुर की इस्कॉन सर्जिकल इंडस्ट्री ने डिवाइस का निर्माण किया है। एम्स डायरेक्टर डॉ. संजीव मिश्रा व टीम तथा इस्कॉन सर्जिकल के एके जैन ने एम्स ऑडिटोरियम में डिवाइस लॉन्च की। डॉ. मिश्रा ने कहा कि- कोरोना संक्रमण ड्रॉपलेट और एयरोसोल से फैलता है। इससे चलते कोरोना के गंभीर मरीजों में इंटीब्यूट करते वक्त, एनेस्थेसिया या सर्कान के वक्त हेल्थ वर्कर ज्यादा रिस्क में रहते हैं। सी टू प्लास्टिक से बनी यह डिवाइस हेल्थवर्कर्स को संक्रमित होने से बचाने का काम करेगी। इसकी कीमत करीब 18,000 रुपए आई। उन्होंने कहा कि एम्स मेडिकल डिवाइस बनाने के लिए आईआईटी के साथ लगातार काम कर रहा है।

यूं कोरोना मरीज के संक्रमण को रोकती है डिवाइस

- इस एयरोशील्ड डिवाइस में स्पेशल सी टू प्लास्टिक का यूज किया गया है।
- ऊंचाई करीब 1.50 फुट, चौड़ाई 1.50 फीट व लंबाई 2.50 फीट है।
- मरीजे के सिर-मुंह व धड़ के ऊपर रखा जाएगा।
- सिलीकॉन रबर के होल से डॉक्टर मरीज को आसानी से इंटीब्यूट, सर्कान के लिए नली व वेंटिलेटर आदि लगा सकेंगे।

- डिवाइस में मरीज को ऑक्सीजन, वेंटिलेटर लगाने के लिए जहां से हाथ डालते हैं, वहां सिलिकॉन डायग्राम लगा है। ये हवा के साथ एयरोसोल को बाहर नहीं आने देता।
- इन सब बचाव से ट्रीटमेंट करने वाले चिकित्सकर्मियों को इंफेक्शन होने का खतरा ना के बराबर होता है।



• डॉ. अमित गोयल ने बताया कि यह डिवाइस मरीज के ड्रॉपलेट के अलावा मुंह से निकलने वाले एयरोसोल व पार्टिकल को बाहर नहीं आने देता।

डिवाइस डिजाइन करने वाली टीम: एम्स के डायरेक्टर डॉ. संजीव मिश्रा, डॉ. अमित गोयल, डॉ. अभिनव दीक्षित, डॉ. शिल्पा गोयल, डॉ. शिल्पी गुप्ता दीक्षित, डॉ. विद्यु शर्मा और डॉ. नितिन प्रकाशन नायर।

मेक इन इंडिया

एक माह में इस तरह के 200 डिवाइस बना सकेंगे

इस्कॉन सर्जिकल के एके जैन ने कहा कि यह डिवाइस मेक इन इंडिया और आत्मनिर्भर भारत की विचारधारा पर है। उन्होंने कहा कि वर्तमान में 80 प्रतिशत मेडिकल डिवाइस आयात की जाती हैं। मेडिकल इंस्टीट्यूट और इंडस्ट्री मिलकर काम करें तो स्थानीय स्तर पर ही मेडिकल डिवाइस इंडस्ट्री विकसित हो सकती है। उन्होंने बताया कि एम्स के इंएनटी विभाग के डॉक्टर अमित गोयल से यह आइडिया मिला। इसी आइडिया को हमने मूर्त स्वरूप देकर एम्स को दिया है। आगामी एक माह में करीब 200 डिवाइस बना सकेंगे।

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जोधपुर, मंगलवार, 07 जुलाई 2020

dainiknavajyoti.com

जोधपुर

एम्स में वृद्ध की बाइपास व वॉल्व रिपेयरिंग की हुई सफल सर्जरी

नवज्योति/जोधपुर।

अखिल भारतीय आयुर्विज्ञान केन्द्र एम्स के कार्डियो थोरेसिक एवं वस्कुलर सर्जरी विभाग में 60 वर्षीय वृद्ध की बाइपास सर्जरी एवं वॉल्व रिपेयर का एकसाथ पहली सफल सर्जरी हुई है। कार्डियो थोरेसिक एवं वस्कुलर सर्जरी विभाग के डॉ. आलोक कुमार शर्मा ने बताया, कि 60 वर्षीय पोपावास निवासी मरीज सीने में दर्द के साथ आया था। मरीज को करीब दो माह से सीने में दर्द की शिकायत थी जिसके लिए वह निजी अस्पताल भी गया था।

जिसमें पता लगा की मरीज के हृदय की तीनों नसों में ब्लॉकेज व वॉल्व में लीकेज था। इको कार्डियोग्राफी की जांच में मरीज के मिट्रल वॉल्व में लीकेज था। जिसके लिए मरीज को हृदय के बायपास सर्जरी एवं मिट्रल वॉल्व रिपेयर ऑपरेशन की सलाह दी गई थी। इसपर मरीज ने एम्स

जोधपुर में कार्डियोलॉजी विभाग में डॉ. राहुल चौधरी को दिखाया। डॉ. चौधरी ने इको कार्डियोग्राफी की जांच में बताया, कि मरीज के मिट्रल वॉल्व में लीकेज है और मरीज को बाइपास सर्जरी एवं वॉल्व रिपेयर की जरूरत है। इसके लिए उन्होंने मरीज को कार्डियो थोरेसिक एवं वस्कुलर सर्जरी विभाग में ऑपरेशन के लिए रेफर किया। जिसमें मरीज के ऑपरेशन में मरीज के हृदय के दो नसों की बाइपास सर्जरी की एवं मिट्रल वॉल्व को रिपेयर किया गया। ऑपरेशन कार्डियो थोरेसिक एवं वस्कुलर सर्जन डॉ. आलोक कुमार शर्मा के नेतृत्व में हुआ। ऑपरेशन में कार्डियो थोरेसिक एवं वस्कुलर सर्जन डॉ. सुरेन्द्र पटेल एवं डॉ. दानिश व दानिशर मीणा का सहयोग रहा। एनस्थेसिया विभाग से डॉ. मनोज कमल एवं डॉ. कृति चौधरी का सहयोग रहा। ऑपरेशन में कार्डियक

एम्स में इस प्रकार हुआ पहला ऑपरेशन



पर्फूजनिसट कमलेश, प्रियंका एवं देवेन्द्र का सहयोग रहा। ऑपरेशन में नर्सिंग ऑफिसर अजीत कुलश्रेष्ठ एवं गोमाराम का सहयोग रहा।

ऑपरेशन के बाद इको कार्डियोग्राफी की जांच में मरीज के मिट्रल वॉल्व बिलकुल ठीक था। जिससे अब मरीज बिलकुल स्वस्थ है एवं ऑपरेशन के 6 दिन बाद मरीज को एम्स से डिस्चार्ज कर दिया गया है। विभाग के डॉ. आलोक कुमार शर्मा ने बताया, इस तरह का बाइपास सर्जरी एवं वॉल्व रिपेयर का ऑपरेशन जोधपुर में पहली बार हुआ है तथा राजस्थान में भी कुछ ही अस्पतालों में इस तरह की सर्जरी होती है।

व्या होता है हार्ट अटैक के बाद में माइट्रल वॉल्व लीकेज

हार्ट अटैक पेशेंट के हार्ट की नसों में अचानक खून का थक्का जमने से होता है। कभी कभी इस तरह के हार्ट अटैक के बाद माइट्रल वॉल्व में लीकेज होने लग जाता है। यह लीकेज हार्ट की मासपेशियों की शिथिलता या उनके तंतु के टूट जाने से होता है। अगर केवल बाइपास सर्जरी या स्टेंटिंग हाई ही की जाए तो बीमार को श्वास फूलने के लक्षण में आराम नहीं आता है। ऐसे में बाइपास ऑपरेशन व माइट्रल वॉल्व रिपेयर दोनों साथ में करने की आवश्यकता होती है।

दैनिक नवज्योति 13-8-2020

एम्स में बच्चों व किडनी रोगियों के लिए बिपलेन कैथ लेब शुरु

एम्स में राजस्थान में पहली बिपलेन कैथ लेब

नवज्योति/जोधपुर। अखिल भारतीय आयुर्विज्ञान केन्द्र एम्स में बच्चों व किडनी रोगियों को कैथ लेब की सुविधा मिलेगी। एम्स के डायरेक्टर डॉ. संजीव मिश्रा ने बुधवार को एम्स के हृदय रोग विभाग में दो अत्याधुनिक कैथ लेब का शुभारंभ किया। एम्स के डीएन एकेडमिक डॉ. कुलदीप सिंह ने बताया, कि अब तक यह सुविधा नहीं होने से मरीजों को अन्य प्रदेशों में उपचार के लिए जाना पड़ता था। जिसको देखते हुए एम्स प्रशासन द्वारा बिपलेन कैथ लेब शुरू की गई। इस सुविधा के शुरू होने के बाद प्रदेशवासियों को अन्य शहरों में जाने की जरूरत नहीं होगी।

प्रदेश की पहली लेब

एम्स में शुरू की गई बिपलेन कैथ लेब पश्चिम राजस्थान की पहली कैथ लेब जो



किसी सरकारी संस्थान में लगाई गई है। इससे पहले यह सुविधा केवल दिल्ली व मेट्रो सिटीजिसमें लखनऊ व मुंबई में उपलब्ध है। डॉ. कुलदीप सिंह ने बताया, कि अब तक बच्चों के हृदय रोग व किडनी

के रोगी जो हृदय रोग से पीड़ित है उन्हें उपचार के लिए अन्य शहरों में जाना पड़ता था। लेकिन इस बिपलेन कैथ लेब के शुरू होने के बाद मरीजों को एम्स जोधपुर में ही उपचार मिल जाएगा।

नवाचार के साथ करवाया जाएगा प्रशिक्षण

डॉ. कुलदीप सिंह ने बताया, एम्स के हृदय रोग विभाग में बिपलेन कैथ लेब शुरू होने के बाद जहां बच्चों व हृदय रोगियों को उपचार की सुविधा मिलेगी वहीं जो थिकिस्सक डीएम कार्डियालोजी का प्रशिक्षण ले रहे हैं उन्हें उच्चस्तरीय प्रशिक्षण करवाया जाएगा। इसके अलावा उच्च स्तरीय क्लीनिकल रिसर्च में भी सहायत मिलेगी व आने वाले मरीजों को इसका सीधा फायदा मिलेगा। उन्होंने बताया, कि एम्स द्वारा कोविड-19 को देखते हुए जब ओपीडी की सुविधा बंद है। ऐसे में हृदय रोगियों को टेलीमेडिसिन की सुविधा उपलब्ध करवाई जा रही है।

जोधपुर, शुक्रवार 22 जनवरी, 2021 | 02

एम्स में आई 3.5 करोड़ की नई मशीन अब बिना सर्जरी भी निकालेंगे पथरी



एम्स में नई मशीन का उद्घाटन करते डायरेक्टर डॉ. संजीव मिश्रा।

जोधपुर। एम्स में पथरी के इलाज के लिए करीब 3.5 करोड़ की लागत से नई तकनीक की डोनिंयर एक्सट्रॉकोपोरियल शॉक वेव लिथोट्रिप्सी (ईएसडब्ल्यूएल) मशीन स्थापित की गई। एम्स डायरेक्टर डॉ. संजीव मिश्रा ने इसका शुभारंभ किया। यह मशीन मरीज के शरीर में किसी भी सर्जरी या प्रक्रिया के बिना 1.5 सेमी से कम की पथरी को तोड़ने के लिए बहुत ही उपयुक्त है। विशेष रूप से उन मरीजों के लिए उपयोगी है जो सर्जरी के लिए अयोग्य हैं और पथरी निकलवाने के लिए सर्जरी नहीं चाहते

हैं। इस प्रक्रिया के लिए एनेस्थीसिया की जरूरत नहीं होती है, इसलिए रोगी को अस्पताल में भर्ती नहीं करवाना पड़ता है। कार्यक्रम में उपनिदेशक एनआर विश्णोई, एम्स यूरोलॉजी की फैकल्टी व अन्य फैकल्टी भी मौजूद रही। यूरोलॉजी विभाग के सह आचार्य डॉ. गौतमराम चौधरी ने बताया कि इस मशीन से छोटी पथरी के इलाज में मदद मिलेगी। सह आचार्य डॉ. हिमांशु पांडे ने भी अपनी विभागीय सेवाओं के लिए इस विश्वस्तरीय तौर-तरीकों को शामिल करने पर प्रसन्नता व्यक्त की।

एम्स की रिसर्च: कोविड मरीजों को तीन हफ्ते का होम आइसोलेशन जरूरी

जोधपुर। केंद्र और राज्य सरकार की होम आइसोलेशन को लेकर लगातार आ रही नई गाइडलाइंस के बीच एम्स जोधपुर ने भी एक शोध किया है। इसके मुताबिक होम आइसोलेशन को 17 दिन से बढ़ाकर 21 दिन करना जरूरी है। एम्स जोधपुर के कम्युनिटी मेडिसिन और फैमिली मेडिसिन विभाग के डॉ. एस सौरभ ने बताया कि कोरोना से बचने के लिए सबसे अच्छा तरीका है कि यदि लक्षण है या नहीं है, तो 3 हफ्ते तक आइसोलेशन में रहें। ऐसा

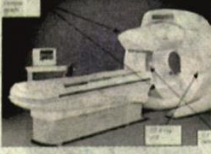
इसलिए क्योंकि वायरस 21 दिन तक शरीर में रहता है और संक्रमित में 21 दिन तक कोरोना का टेस्ट पॉजिटिव आने की संभावना रहती है। उन्होंने बताया कि एम्स जोधपुर में हमने करीब 9,760 आरटी पीसीआर टेस्ट का शोध किया। इनमें 425 पॉजिटिव आए, उन पर शोध किया। सामने आया कि 51 मरीज ऐसे मिले जो कि एक बार पॉजिटिव आने के बाद रिपीट टेस्ट में पॉजिटिव आए। इसमें 44 मरीज लेकिन कोरोना पॉजिटिव आता है तो सामने आए।

एम्स में रेडियोन्यूक्लाइड स्पेक्ट सीटी गामा कैमेरा शुरू

राजस्थान में पहली बार सरकारी अस्पताल में यह सुविधा शुरू

नवज्योति/जोधपुर। 29.7.2020 पूव-02

अखिल भारतीय आयुर्विज्ञान केन्द्र एम्स के न्यूक्लियर मेडिसिन विभाग में मंगलवार को रेडियोन्यूक्लाइड इमर्जेजिंग के लिए स्पेक्ट सीटी गामा कैमेरा शुरू किया गया है। एम्स के निदेशक डॉ. संजीव मिश्रा व न्यूक्लियर मेडिसिन विभाग के अतिरिक्त प्राचार्य डॉ.



राजेश कुमार ने बताया, अब विभाग ने लाइट डोज पवाली रेडियोन्यूक्लाइड चिकित्सा प्रक्रिया शुरू कर दी है। जो थायरोटाक्सिकोसिस और ना मेटास्टेटिक विभेदित थायराइड कैंसर के रोगियों का इलाज करेगी। हड्डी में फैले कैंसर की पीड़ा में राहत के लिए रेडियोन्यूक्लाइड उपचार भी आरंभ किया है। थायरोटाक्सिकोसिस में थायराइड अतिक्रिया हो जाना है जो रोगियों की सामान्य गतिविधियों में परेशानी उत्पन्न करता है। रेडियो आयोडिन एल 131 उपचार थायरोटाक्सिकोसिस के साथ- साथ विभेदित थायराइड

कैंसर के उपचार के लिए भी एक तय चिकित्सा है। समेरियम 153 इंडोटीएमपी द्वारा उपचार से कैंसर के रोगियों में बहु अस्थि मेटास्टेस के कारण उत्पन्न होने वाले दर्द से राहत मिलती है। डॉ. राजेश ने बताया, कि मरीज को इस प्रक्रिया के लिए अस्पताल में भर्ती होने की आवश्यकता नहीं होगी। क्योंकि यह प्रोसिजर बाह्य आधार पर की जाती है। रोगी को विभाग में आना होगा और प्रक्रिया पूरी होने पर तीन-चार घंटे बाद अपने घर जा सकेगा। इसके साथ ही इन उपचार का विशेष दुष्प्रभाव भी नहीं पड़ेगा।

राजस्थान में पहली बार यह सुविधा

एम्स के निदेशक डॉ. संजीव मिश्रा ने बताया, एम्स की यह सुविधा राजस्थान के सरकारी अस्पताल में अपनी तरह से पहली सुविधा है। कैंसर रोगियों को इलाज के लिए बाहर नहीं जाना होगा। इसके साथ ही 90 प्रतिशत तक कम खर्च में सुविधा मिल जाएगी। उन्होंने बताया, कि विभाग जल्द ही कैंसर रोगियों के निदान और उपचार के लिये पेट स्कैनर शुरू करेगा। न्यूक्लियर विभाग के डॉ. राजेश ने बताया, विभाग ने हाईडोज रेडियोन्यूक्लाइड थेरेपी वार्ड निर्माण की दिशा में काम करना शुरू कर दिया है। जिससे हाई डोज खुराक रेडियोन्यूक्लाइड उपचार की आवश्यकता होने पर भर्ती किए कैंसर रोगियों को काफी लाभ मिलेगा।

City भास्कर

जोधपुर, बुधवार, 01 जुलाई 2020. 7

एम्स का ऑनलाइन प्रयास...ताकि मेडिकल छात्रों की पढ़ाई पर असर ना हो

एम्स स्टूडेंट्स को रिवर्स टेलीमेडिसिन के जरिए मरीजों से करवा रहा रूबरू

सिटी रिपोर्टर, जोधपुर

एक जगह से दूसरी जगह जाए बिना डॉक्टर के मरीज का इलाज करने व परामर्श देने की तकनीक टेलीमेडिसिन अब लोकडाउन में एमबीबीएस स्टूडेंट्स को पढ़ाई का माध्यम भी बन गई है। कोरोना के चलते सभी स्कूल-कॉलेज बंद हैं। कब खुलेंगे, यह अभी तय नहीं है। ऐसे में एमबीबीएस कर रहे फर्स्ट ईयर से फाइनेल ईयर के स्टूडेंट्स का समय खराब ना हो और वे लोकडाउन में भी मरीजों के टच में रहें, इसके लिए एम्स जोधपुर ने टेलीमेडिसिन के माध्यम से स्टूडेंट्स को मरीजों से जोड़ने का सफल प्रयास किया है। इसको रिवर्स टेलीमेडिसिन का नाम दिया है।

एम्स डॉन डॉ. कुलदीप सिंह ने बताया कि टेलीमेडिसिन मरीजों को देखने का मूल मंत्र बनता जा रहा है। साधारण व्यक्ति ही नहीं, अधिकतर कंपनियां भी इसको एक टेक्नोलॉजी की तरह ही देख रही हैं। एम्स जोधपुर पिछले तीन माह से ऑनलाइन क्लासेज के जरिये अपने छात्रों के अलावा राजस्थान के मेडिकल छात्रों को भी शिक्षा की सुविधा दे रहा है।



क्या है रिवर्स टेलीमेडिसिन

पिछले तीन माह से ऑनलाइन क्लासेज के साथ हाल में रिवर्स टेलीमेडिसिन का एक नया प्रारूप शुरू किया है। इसके अंतर्गत मरीज अस्पताल में एक्सपर्ट डॉक्टर को देखरेख में रहता है और मेडिकल स्टूडेंट्स अपने घर से बैठकर मरीज की जानकारी लेते हैं। मांगी गई जांच की जानकारी छात्रों को मेडिकल फैनकल्टी प्रदान कर देती है, जिसके बाद चर्चा कर छात्रों को फैनकल्टी द्वारा यह भी बताया जाता है कि उनके द्वारा मरीजों से किए प्रश्न ठीक थे या नहीं, साथ ही उन्होंने जो मरीज में डायग्नोसिस किया, वह कितना सही है।

इस तकनीक के कई फायदे

इस नए प्रारूप के कई फायदे हैं। पहला मरीज और मेडिकल छात्र दोनों सुखित रहते हैं। दूसरा मेडिकल छात्र ऑनलाइन माध्यम से ध्योरी के साथ मरीजों को देखकर प्रैक्टिकल भी कर पा रहे हैं, जिससे उनकी क्लिनिकल पोस्टिंग की उपस्थिति भी हो रही है। तीसरा मेडिकल कॉमिंस ऑफ इंडिया (एमसीआई) के दिशा-निर्देशों का पालना इसमें कहा गया है कि प्रत्येक डॉक्टर का टेलीमेडिसिन उपचार देने के पहले उनकी ट्रेनिंग एवं प्रमगीकरण हो। फैनकल्टी एक्सपर्ट को देखरेख में टेलीमेडिसिन ट्रेनिंग देने का इससे अच्छा अवसर क्या हो सकता है? सबसे महत्वपूर्ण यह है कि रिवर्स टेलीमेडिसिन शब्दावली का उपयोग टेलीमेडिसिन से जुड़ी भ्रमों को इसके उपयोग के लिए भारी-भरकम यंत्रों और वीडियो लैम्स की जरूरत पड़ेगी, वह भी तोड़ता है। डॉ. सिंह ने कहा कि कोरोना का खतरा अभी टला नहीं है। अनर्लोक के कारण हम मूलभूत सावधानियों को नजरअंदाज न करें बल्कि सज्जों से इसके पालन करने का सही समय यही है।