



ANNUAL REPORT
2016-17

ALL INDIA INSTITUTE OF MEDICAL SCIENCES
JODHPUR

Dr. Sanjeev Misra

MS, MCh, FRCS (Eng.), FRCS (Glasgow),
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Director & CEO

Prof. of Surgical Oncology



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From the Desk of the Director...

It is my privileged honor to submit the Annual Report of All India Institute of Medical Sciences (AIIMS), Jodhpur for the year 2016-17.

AIIMS, Jodhpur is one of the six new AIIMS established under the PMSSY scheme and granted status of Institution of National Importance.

With the mission to be a Centre of Excellence in medical education, training, research and patient care, AIIMS Jodhpur began its academic journey on 17th September 2012. AIIMS, Jodhpur was the second AIIMS after AIIMS, New Delhi, to begin its academic session in the country. During the academic year 2016-17 the institute admitted 100 MBBS students. The College of Nursing admitted 60 students. AIIMS Jodhpur continues to be the preferred choice for the students for MBBS and B.Sc (Hons.) Nursing. The first batch of MBBS students (batch 2012) started their Internship from 1st January 2017. The year 2016-17 marked the beginning of Post Graduate courses at AIIMS Jodhpur. Students enrolled in these courses in both July and January sessions, thereby proving that AIIMS Jodhpur has made its mark in the field of medical education and research. The year also marked the beginning of the School of Public Health at AIIMS Jodhpur. With this, AIIMS Jodhpur has become the first AIIMS in the country (including AIIMS, New Delhi) to initiate the course of Master of Public Health (MPH).

The faculty strength of AIIMS Jodhpur has increased during the year 2016-17 with recruitments both in the Medical College and College of Nursing. With this the number of Super-specialties and

Specialties rendering patient care has also increased. This is evident with the increase in patient consultations to more than 2 lacs in the year (an increase of nearly 40% compared to 2015-16). The IPD admissions also increased by nearly 46% over the previous year. The number of operative procedures increased by about 47% (YoY). The laboratory services have also increased by 43% along with addition of equipment like 256 slice state of the art CT scan. The Institute also started teleconferencing facilities to cater to the peripheral centres during the year.

AIIMS Jodhpur was awarded the “Certificate of Commendation” and a sum of Rupees Fifty Lacs by the Ministry of Health and Family Welfare, Govt. of India under its “Kayakalp Programme”.

The year 2016-17 saw the faculty members work tirelessly to impart education and training to students as well as inculcate a research aptitude in the students through ICMR STS and other research projects. Along with this, the research at the Institute has grown with the faculty members procuring both Extramural and Intramural funding for their projects. The faculty have chaired sessions and presented their work at various International and National Conferences. They have been recognized and awarded for the work in their filed by various associations, societies and institutions.

The students have been provided a comfortable atmosphere for their overall growth. They have excelled in both academics and extra-curricular activities during the year.

AIIMS Jodhpur has continued to grow its services by being totally paperless, in line with the Govt. of India’s “Digital India” initiative. The institute has hosted numerous International and National Conferences, CMEs and Workshops during the year. The Institute also contributed to Social Welfare through its Public Awareness Lectures to create awareness about various diseases among the masses.

The Institute has been thoroughly supported by Govt. of India and because of this support AIIMS Jodhpur has been able to make steady progress in terms of manpower, resources, facilities and infrastructure. The Institute has continued to fulfill its responsibility towards the people of the region by providing affordable quality tertiary healthcare. We look forward to continuing this growth in the years to come and meet the expectations of the nation by excelling in medical education, research and patient care with the continued support and guidance of Govt. of India.

This Annual report is a testament to the progress of AIIMS Jodhpur during 2016-17.



Prof. Sanjeev Misra

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Institutional Bodies

Institute Body

In exercise of the powers conferred by relevant provisions of the AIIMS Act, the Institute Body was constituted by the Central Government vide Gazette Notification_No_533(E) dated 09th February, 2015 (F. No. Z-28016/42/2013-SSH) as under:

S. No.	Name of Members of Institute Body, AIIMS, Jodhpur	
1	Shri Jagat Prakash Nadda Hon'ble Union Minister of Health & Family Welfare, Government of India.	President
2	Shri Gajendra Singh Sekhawat Member of Parliament, Lok Sabha	Member
3	Dr. Manoj Rajoria Member of Parliament, Lok Sabha	Member
4	Shri Narendra Budania Member of Parliament, Rajya Sabha	Member
5	Shri C. K. Mishra Secretary, Ministry of Health & Family Welfare, Government of India	Member
6	Dr. Jagdish Prasad Director General of Health Services, Ministry of Health and Family Welfare, Government of India	Member
7	Ms. Vijaya Srivastava Additional Secretary and Financial Adviser, Ministry of Health & Family Welfare, Government of India	Member
8	Shri Om Prakash Meena Chief Secretary, Government of Rajasthan	Member
9	Dr. Raja Babu Panwar Vice Chancellor, Rajasthan University of Health Sciences, Jaipur	Member
10	Prof. C.V.R. Murty Director, India Institute of Technology (IIT), Jodhpur	Member
11	Dr. S. Ayyappan Secretary, Department of Agricultural Research and Education & Director General, Indian Council of Agricultural Research, Government of India	Member
12	Shri Rakesh Kacker Former Secretary, Ministry of Food Processing, Government of India	Member
13	Dr. Pankaj Chaturvedi Tata Memorial Centre, Mumbai, Maharashtra	Member
14	Dr. G.N. Rao L.V. Prasad Eye Care Centre, Hyderabad, Andhra Pradesh	Member
15	Prof. Nikhil Tandon All India Institute of Medical Sciences, New Delhi	Member
16	Prof. S.K. Acharya Professor and Head, Department of Gastroenterology, All India Institute of Medical Sciences, New Delhi	Member
17	Dr. Sanjeev Misra Director, All India Institute of Medical Sciences, Jodhpur	Member Secretary

In exercise of the powers conferred by relevant provisions of the AIIMS Act, the GB, SFC and SSC were constituted by the Central Government vide office order no. Z-28016/42/2013-SSH dated 17th February, 2015 as under:

Governing Body

S. No.	Name of Members	
1	Shri Jagat Prakash Nadda Hon'ble Union Minister of Health & Family Welfare, Government of India,	Chairman
2	Dr. Manoj Rajoria Member of Parliament, Lok Sabha	Member
3	Shri C. K. Mishra Secretary, Ministry of Health & Family Welfare, Government of India	Member
4	Dr. Jagdish Prasad Director General of Health Services, Ministry of Health and Family Welfare, Government of India	Member
5	Ms. Vijaya Srivastava Additional Secretary and Financial Adviser, Ministry of Health & Family Welfare, Government of India	Member
6	Dr. Raja Babu Panwar Vice Chancellor, Rajasthan University of Health Sciences, Jaipur	Member
7	Shri Om Prakash Meena Chief Secretary, Government of Rajasthan	Member
8	Shri Rakesh Kacker Former Secretary, Ministry of Food Processing, Government of India	Member
9	Prof. Nikhil Tandon All India Institute of Medical Sciences, New Delhi	Member
10	Dr. Sanjeev Misra Director, All India Institute of Medical Sciences, Jodhpur	Member Secretary

Standing Finance Committee

S.No.	Name of Members	
1	Shri C. K. Mishra Secretary, Ministry of Health & Family Welfare, Government of India	Chairman
2	Shri Gajendra Singh Sekhawat Member of Parliament, Lok Sabha	Member
3	Dr. Jagdish Prasad Director General of Health Services, Ministry of Health and Family Welfare, Government of India	Member
4	Ms. Vijaya Srivastava Additional Secretary and Financial Adviser, Ministry of Health & Family Welfare, Government of India	Member
5	Shri Om Prakash Meena Chief Secretary, Government of Rajasthan	Member
6	Prof. Nikhil Tandon All India Institute of Medical Sciences, New Delhi	Member
7	Dr. S. Ayyappan Secretary, Department of Agricultural Research and Education & Director General, Indian Council of Agricultural Research, Government of India	Member
8	Dr. Sanjeev Misra Director, All India Institute of Medical Sciences, Jodhpur	Member Secretary

Standing Selection Committee

S. No.	Name of Members	
1	Dr. Raja Babu Panwar Vice Chancellor, Rajasthan University of Health Sciences, Jaipur	Chairman
2	Dr. Jagdish Prasad Director General of Health Services, Ministry of Health and Family Welfare, Government of India	Member
3	Prof. C.V.R. Murty Director, India Institute of Technology (IIT), Jodhpur	Member
4	Dr. S. Ayyappan Secretary, Department of Agricultural Research and Education & Director General, Indian Council of Agricultural Research, Government of India	Member
5	Dr. G.N. Rao L.V. Prasad Eye Care Centre, Hyderabad, Andhra Pradesh	Member
6	Prof. S.K. Acharya Professor and Head, Department of Gastroenterology, All India Institute of Medical Sciences, New Delhi	Member
7	Prof. Nikhil Tandon All India Institute of Medical Sciences, New Delhi	Member
8	Dr. Sanjeev Misra Director, All India Institute of Medical Sciences, Jodhpur	Member Secretary

Academic Committee

In exercise of the powers conferred by relevant provisions of the AIIMS Act, the Academic Committee was constituted by the Central Government vide office order no. Z-28016/42/2013-SSH dated 06th January, 2014 as under:

S. No.	Name of Members	
1	Prof. S.K. Acharya Professor and Head, Department of Gastroenterology All India Institute of Medical Sciences, New Delhi	Chairman
2	Shri Jaswant Singh Hon'ble Member of Parliament, Lok Sabha	Member
3	Prof. C.V.R. Murty Director, India Institute of Technology (IIT), Jodhpur	Member
4	Dr. S. Ayyappan Secretary, Department of Agricultural Research and Education & Director General, Indian Council of Agricultural Research, Government of India	Member
5	Dr. Pankaj Chaturvedi Tata Memorial Centre, Mumbai, Maharashtra	Member
6	Dr. G.N. Rao L.V. Prasad Eye Care Centre, Hyderabad, Andhra Pradesh	Member
7	Dr. Sanjeev Misra Director, All India Institute of Medical Sciences, Jodhpur	Member Secretary

Director

Prof. Sanjeev Misra

Administration

Deputy Director (Administration)

Mr. N. R. Bishnoi

Financial Advisor

Mr. Ashu Mathur (up to 31st August, 2016)

Mr. Anant Prakash (From 01st September, 2016)

Administrative Officer

Mr. Manish Kumar Srivastava

Engineering

Superintending Engineer

Mr. R.K. Joshi

Executive Engineer

Mr. Sunil Mathur

About the Director



Dr. Sanjeev Misra

MS, MCh (Surgical Oncology), FRCS (England), FRCS (Glasgow), FACS, FICS, FAMS, FNASc

Dr. Sanjeev Misra is presently working as Director and CEO of All India Institute of Medical Sciences, Jodhpur. Previously he was working as Professor & Head, Department of Surgical Oncology, King George's Medical University, Lucknow. He passed his MBBS from KGMC, Lucknow obtaining first position in MBBS. He was awarded 17 Gold and Silver medals during his MBBS. He did his MS in General Surgery from the Department of Surgery, KGMC. He has been Sectional Editor of the Oncology section of Indian Journal of Surgery & Honorary Secretary (2007-08), Vice President (2011) and President Elect (2012), and President (2013) of the Indian Association of Surgical Oncology & Vice President of UP Chapter ASI (2012) and President 2014. He is Honorary Secretary of Indian Society of Oncology. He is a postgraduate teacher recognized by the MCI and NBE, and examiner for MCh and DNB.

He is Fellow of National Academy of Medical Sciences, India, Fellow of National Academy of Sciences, India, Fellow of American College of Surgeons, USA & Fellow of International College of Surgeons, USA. He is also a Member of Regional Advisory Subcommittee on India of American Association of Cancer Research. He has received several International & National Awards like - Commonwealth Fellowship and International Guest Scholar of American College of Surgeons. He has been Visiting Professor to Kings College, London, Mayo Clinic, Rochester, USA, Johns Hopkins Medical Center, USA & University of Pittsburg Medical Center, USA. For his contributions to surgery he was Awarded

FRCS England and Glasgow *ad eundem*. He was awarded fellowships at Memorial Sloan Kettering Cancer Centre, New York, MD Anderson Cancer Centre, Houston and Cancer Institute Hospital, Tokyo.

He has published extensively and has nearly 100 published papers and over 20 chapters in several international and national peer reviewed journals and books. He is a reviewer for international and National Journals. He is Joint Editor of Indian Journal of Surgical Oncology and on Editorial Board of International Journal of Surgical Oncology.

He is a member of the Executive committee of Asian Clinical Oncology Society. He has delivered various guest lectures and Orations in International and National conferences. He is the founder member of Indian Breast group and Indian Liver group. He is also member of Indian Council of Medical Research committees on soft tissue sarcoma.

He has been involved with medical education and is dedicated to the teaching, training and practice of medicine and its growth for over to two decades.

Achievements in 2016-17

Awards

1. Late Shri Giridhari Lal Ratori Oration by IMA Uttarakhand
2. Fellow, National Science Academy, Allahabad

Memberships

1. Selection Committee of Kobayashi Foundation of Cancer Research Award

Publications

1. Yadav DK, Rai R, Kumar N, Singh S, **Misra S**, Sharma P, Shaw P, Pe'rez-Sa'nchez H, Mancera RL, Choi EH, Kim MH, Pratap R. New arylated benzo[h]quinolones induce anti-cancer activity by oxidative stress-mediated DNA damage. *Sci Rep* 2016; 6: 38128
2. Shukla KK, **Misra S**, Pareek P, Mishra V, Singhal B, Sharma P. Recent scenario of microRNA as diagnostic and prognostic biomarkers of prostate cancer. *Urol Oncol* 2017; 35(3): 92-101.
3. Baghel KS, Tewari BN, Shrivastava R, Malik SA, Lone MU, Jain NK, Tripathi C, Kanchan RK, Dixit S, Singh K, Mitra K, Negi MP, Srivastava M, **Misra S**, Bhatt ML, Bhadauria S. Macrophages promote matrix protrusive and invasive function of breast cancer cells via MIP-1 β dependent upregulation of MYO3A gene in breast cancer cells. *Oncoimmunology* 2016; 5(7): e1196299

4. Bansal C, Pujani M, **Misra S**, Srivastava AN, Singh US. Circulating Tumor Cells in Breast Cancer: Correlation with clinicopathological parameters, hormone profile and microRNA Polymorphisms. *Turk Patoloji Derg* 2016; 32(3): 148-57.
5. Singh MP, Kumar V, Agarwal A, Kumar R, Bhatt ML, **Misra S**. Clinico-epidemiological study of oral squamous cell carcinoma: A tertiary care centre study in North India. *J Oral Biol Craniofac Res* 2016; 6(1):31-4.
6. Yadav A, Gupta A, Yadav S, Rastogi N, Agarwal S, Kumar A, Kumar V, **Misra S**, Mittal B. Association of Wnt signalling pathway genetic variants in gallbladder cancer susceptibility and survival. *Tumour Biol* 2016; 37(6): 8083-95.

Chapters:

1. Agarwal A, Chaturvedi A, **Misra S**. Oral Cancer. In: *Surgical Oncology: Theory and Multidisciplinary Practice*. Poston G, Wyld L, Audisio RA (Editors), 2nd ed; 2017, CRC Press, FL, USA.
2. Chaturvedi A, Agarwal A, **Misra S**. Salivary Gland Tumors. In: *Surgical Oncology: Theory and Multidisciplinary Practice*. Poston G, Wyld L, Audisio RA (Editors), 2nd ed; 2017, CRC Press, FL, USA.
3. Gupta S, Agarwal A, **Misra S**. Paranasal Sinus Cancers. In: *Surgical Oncology: Theory and Multidisciplinary Practice*. Poston G, Wyld L, Audisio RA (Editors), 2nd ed; 2017, CRC Press, FL, USA.
4. Goyal A, Gupta A, **Misra S**. Skull Base Tumors. In: *Surgical Oncology: Theory and Multidisciplinary Practice*. Poston G, Wyld L, Audisio RA (Editors), 2nd ed; 2017, CRC Press, FL, USA.
5. **Misra S**, Agrawal A, Chaturvesi A. Salivary gland tumors. In: *Taylor's Recent Advances in Surgery 38*. Irving Taylor, Michael Douek (Editors): 2017, Jaypee Brothers Medical Publishers, New Delhi, India.

Invited Speaker at Conferences:

1. Invited Speaker, "Oncology Leadership in Asia", 42nd Annual Meeting of Korean Cancer Association, 16th-17th June 2016, Korea
2. Convener, "MCh Curriculum and Training in Surgical Oncology", National Conference of Indian Association of Surgical Oncology, 22nd – 25th Sept. 2016, Jodhpur, India
3. Invited Speaker, 'Health hazards of tobacco smoking requiring surgical interventions.' 56th Annual conference of National academy of medical sciences, 21st to 23rd October 2016, AIIMS, Raipur.
4. Invited Speaker, 'Tryst with integrated system of medicine: Synergy, Synthesis and Symbiosis.' 21st to 23rd October 2016 at AIIMS, Raipur.
5. Panellist, 'Integrated Medicine: An approach to Holistic healing and Success story.' 21st to 23rd October 2016, AIIMS, Raipur.

6. Chairperson, Dr JE Park Memorial Oration, 61st Annual National Conference of Indian Public Health Association, 24th - 26th February 2017, Jodhpur, India

Conferences Organised:

1. Conference President, Asian Clinical Oncology Society Conference, 8th to 10th April 2016, Delhi, India
2. Organising Chairman, National Conference of Indian Association of Surgical Oncology, 22nd – 25th Sept. 2016, Jodhpur, India

Examinerships:

Examiner for MCh and DNB (Surgical Oncology)

Office bearers at AIIMS Jodhpur

Office bearers at AIIMS Jodhpur

Academics



	Name	Designation
1	Dr. Kuldeep Singh	Dean
2	Dr. Shilpi Gupta Dixit	Vice Dean
3	Dr. Abhishek Bhardwaj	Sub Dean
4	Dr Vikram Singh	Assistant Dean
5	Dr. Nitin Bajpai	Assistant Dean
6	Dr. Pradeep Dwivedi	Assistant Dean

Examinations



	Name	Designation
1	Dr. Praveen Sharma	Controller of Examinations
2	Dr. Abhinav Dixit	Vice Dean
3	Dr. Shashank Shekhar	Sub Dean
4	Dr. Puneet Pareek	Sub Dean
5	Dr. Dushyant Agrawal	Assistant Dean
6	Dr. Nishant Chouhan	Assistant Dean
7	Mr. Ashok Kumar	Assistant Dean

Research



	Name	Designation
1	Dr. Praveen Sharma	Dean
2	Dr. Vijaya Lakshmi Nag	Vice Dean
3	Dr. Pankaj Bhardwaj	Sub Dean
4	Dr. Neeraj Gupta	Assistant Dean
5	Dr. Tanuj Kanchan	Assistant Dean
6	Dr. Jay Karan Charan	Assistant Dean

Student Welfare



	Name	Designation
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



	Name	Designation
1	Dr. Arvind Sinha	Medical Superintendent
2	Dr. Vivek Manchanda	Deputy Medical Superintendent
3	Dr. Naveen Dutt	Deputy Medical Superintendent
4	Dr. Mahaveer Singh Rodha	Deputy Medical Superintendent

Milestones

- 04th to 6th April 2016 : 1st 'Asteron' Inter-batch literary and cultural festival.
- 26th April 2016 : Intervention Radiology Service
- July 2016 : Post Graduate Courses started
- 09th to 17th September 2016 : 2nd 'Tejas' Inter-batch sports festival
- 8th November 2016 : IPD Block Started
- 22nd November 2016 : Fresher's Day at AIIMS, Jodhpur
- 19th December 2016 : 2nd Academic Committee Meeting at AIIMS Jodhpur
- 1st February 2017 : Saraswati Puja at AIIMS, Jodhpur
- 9th February 2017 : 3rd Standing Finance Committee Meeting

Hospital Services

Hospital Services

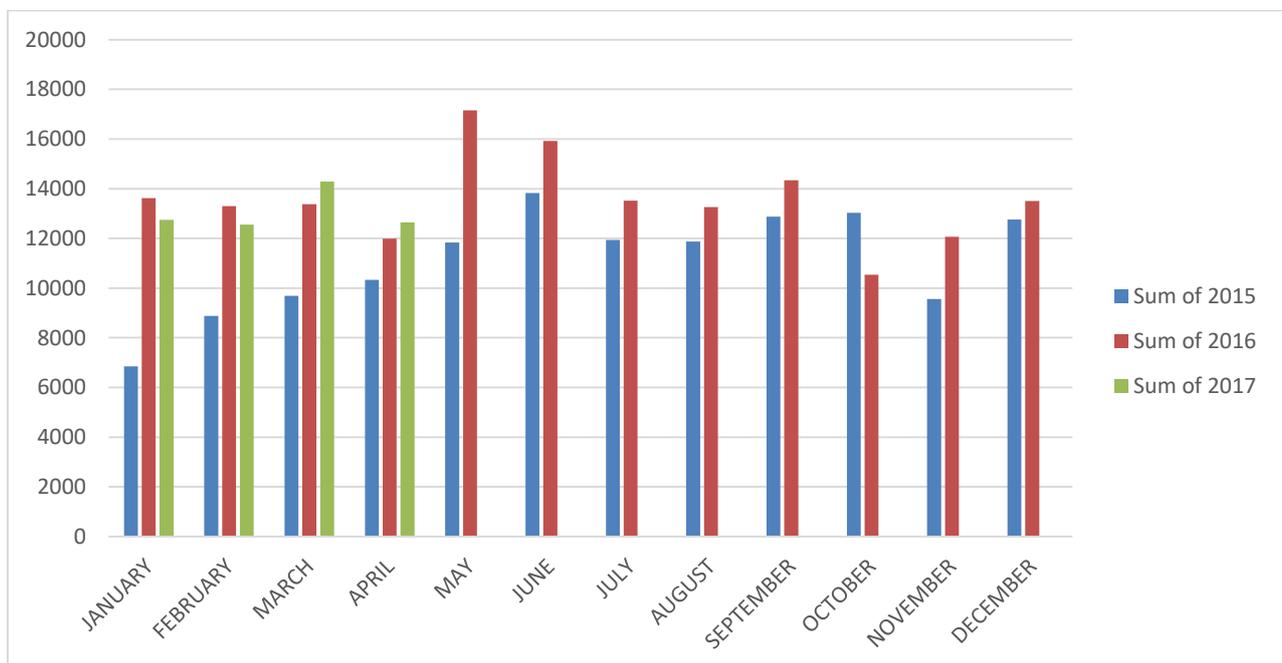
The hospital started in 2012 with OPD. IPD facilities and OT started in 2013 and 2014 respectively as a makeshift arrangement in the OPD block. The institute has been growing steadily. This year the IPD was shifted to the designated IPD block and the beds have increased.

Faculty has been added in many specialties. Other departments were reinforced and the patient care services increased.

The OPD attendance, IPD admissions, and surgery numbers and complexity have increased. The institute is now performing many more advanced procedures including advanced laparoscopic and thoracoscopic procedures, endourological procedures, major malignancy procedures, cochlear implant, joint replacement surgeries, and advanced gynaecological procedures.

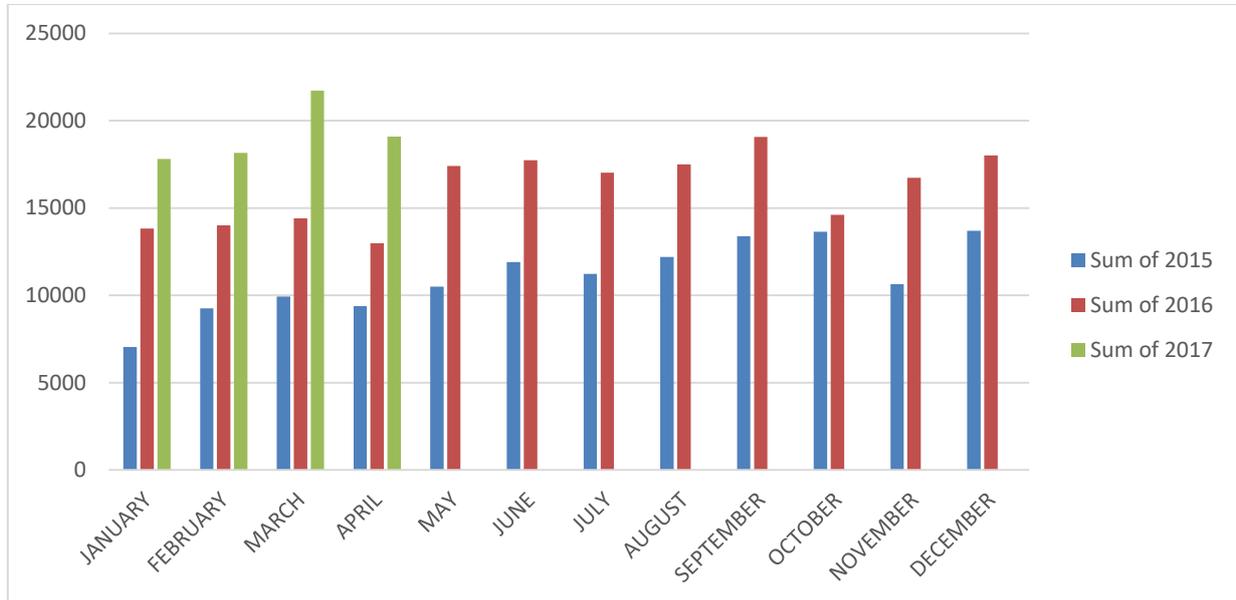
1. OPD Registrations

The new OPD registrations increased in the year. A total of 1,61,904 new patients were registered in the year 2016-17 as compared to 1,48,339 patients registered in the previous year.



2. OPD Consultations

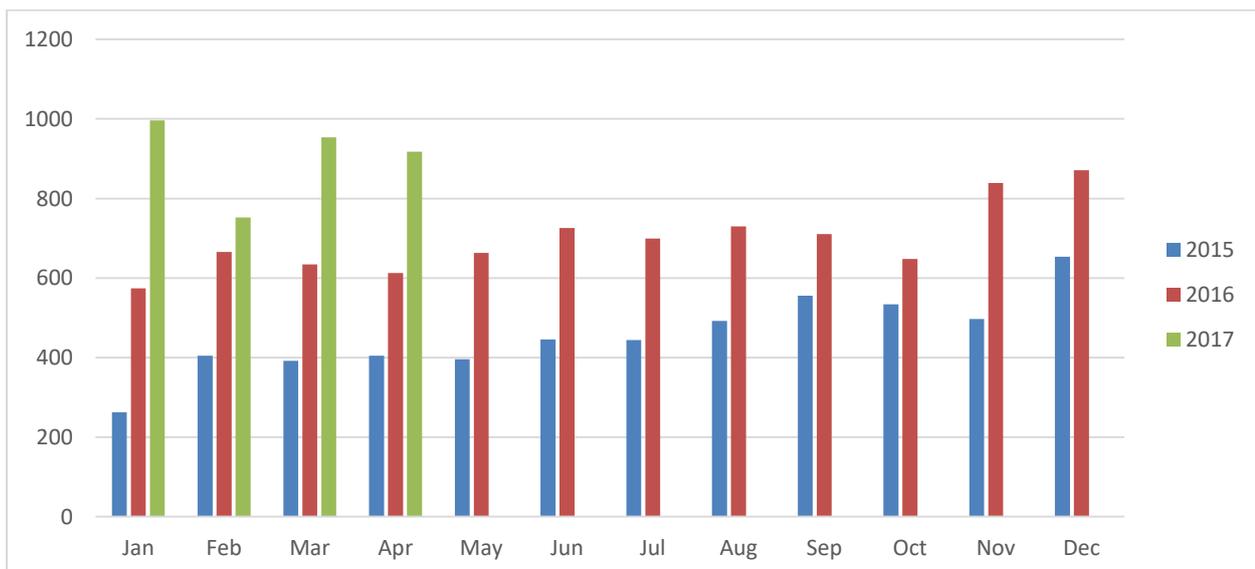
The OPD consultations increased in the year 2016-17 as compared to the previous year. A total of 2,08,738 OPD consultations were done from April 2016 to March 2017 as compared to 1,48,831 consultations in the preceding year.



3. IPD Beds

The IPD was shifted from the makeshift arrangement in the OPD block to the designated IPD block. Also, as the civil work in the IPD block got completed, more beds were added to IPD. There were 200 beds in April 2016 which have increased to 395 as on date.

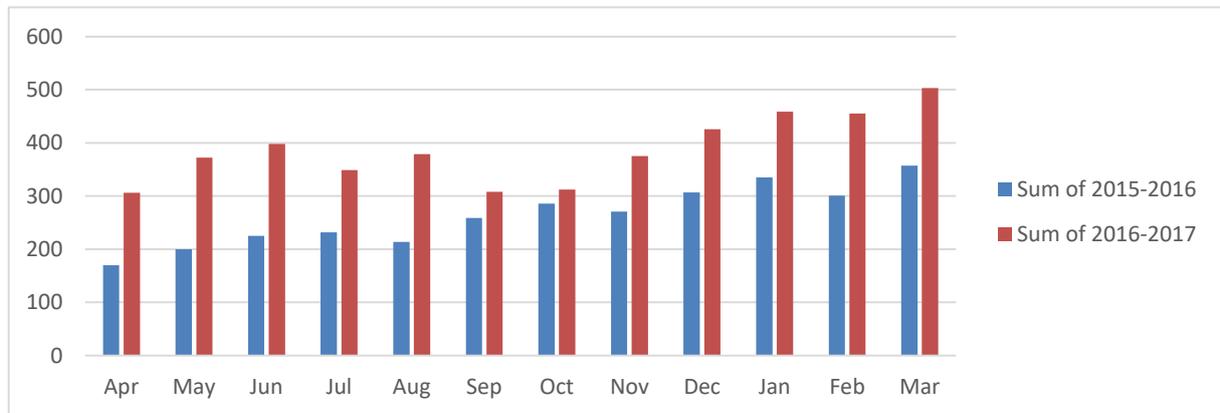
4. IPD Admissions



The number of patients that are catered to through IPD increased in the year 2016-17. 9,202 patients were admitted in the institute during the year 2016-17 vs 6,298 during previous year.

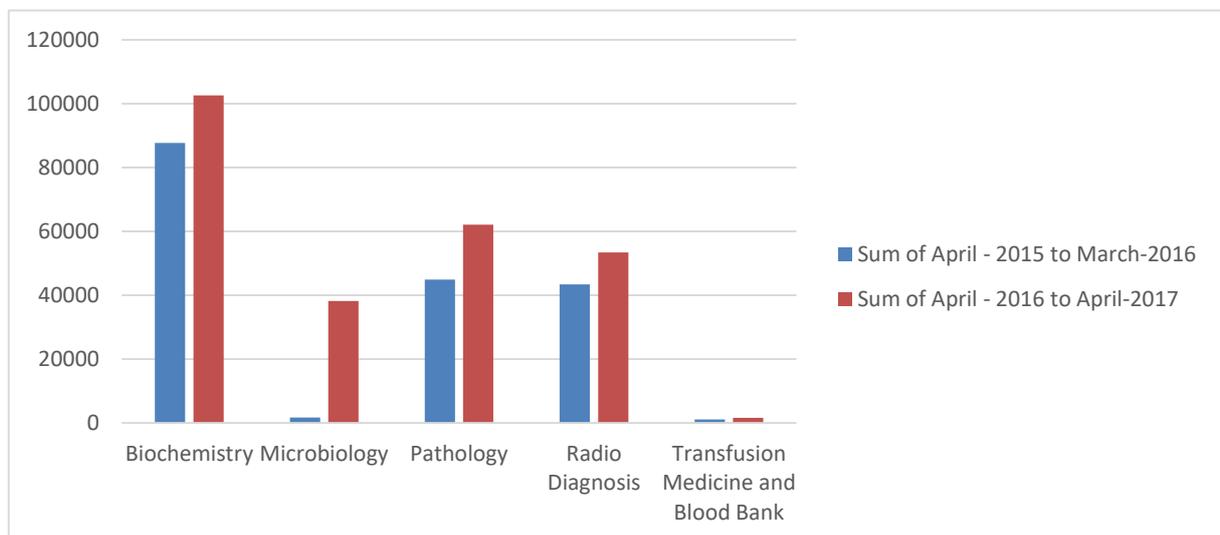
5. OT Procedures

The institute has been catering to increasing number of patients through the operation theatres. 3,157 major OT procedures were performed in the year 2015-16 that increased to 4,642 in the year 2016-17.



6. Laboratory Investigations

The laboratory investigations also showed a proportionate increase in demand and services offered. 2,55,780 investigations were done during 2016-17 as compared to 1,78,586 investigations performed in the previous year.



Other Achievements

1. The institute was awarded “Certificate of Commendation” from the Ministry of Health and Family Welfare, Government of India through its “Kayakalp” program and received Rs. 50 Lakh for its excellent services.
2. The institute conducted “health campaign” for Nagar Nigam employees.
3. Teleconferencing facility started to cater with consultation for peripheral centres.
4. 256-slice, state of the art, CT Scan machine installed.



Prof. Sanjeev Misra, Director AIIMS Jodhpur, receiving the “Certificate of Commendation” under “Kayakalp” program from Shri J.P. Nadda, Hon’ble Minister of Health and Family Welfare, Government of India



Prof. Sanjeev Misra, Director AIIMS Jodhpur, receiving the cheque of Rs. Fifty Lacs under “Kayakalp” program from Shri J.P. Nadda, Hon’ble Minister of Health and Family Welfare, Government of India

Eminent Visitors

Eminent Visitors at AIIMS, Jodhpur

Various eminent personalities visited AIIMS, Jodhpur in 2016-17.

07 th July 2016	:	Justice Prakash Tatia, Chairperson, RSHRC, Jaipur
07 th July 2016	:	Mr. M.K. Devarajan, Member, RSHRC, Jaipur
20 th July 2016	:	Prof. Gustavo Zubieta-Calleja, Director, IPPA Medicina Dela Altura, La-Paz, Bolivia
20 th July 2016	:	Dr Venkatesh Thuppil, Professor Emeritus Department of Biochemistry and Biophysics St. Johns Medical College, Bangalore; Advisor to Quality Control India.
20 th August 2016	:	Prof. Prathap Tharyan, Director, Cochrane South Asia
22 nd September 2016	:	Dr. David Rew, Consultant Surgeon, University Hospital, Southampton, UK
22 nd September 2016	:	Dr. Devendra Patel, Ex-Director, Gujarat Cancer Research Institute, Ahemdabad
22 nd September 2016	:	Dr. M. Vijayakumar, Vice Chancellor, Yenepoya University, Mangalore
24 th September 2016	:	Prof. K.S. Gopinath, Professor, Surgical Oncology, SDUMC, Bengaluru
24 th September 2016	:	Major-General P Subhas, Palakkad, Kerala
22 nd December 2016	:	Air Marshal C.K. Ranjan, Director & Commandant, AFMC, Pune

- 22nd December 2016 : Major- General Rakhi Singh, Additional DG, AFMC, Pune
- 24th February 2017 : Prof Clare Gilbert, Professor of International Eye Health, London School of Hygiene and Tropical Medicine
- 24th February 2017 : Dr. GVS Murthy, Director IIPH Hyderabad
- 25th February 2017 : Dr. Richard Cash, Professor, T.H. Chan School of Public health. Boston, USA
- 25th February 2017 : Dr. Frank Arthur, Professor, Environmental and Occupational Health, Drexel University, USA
- 25th February 2017 : Dr. T K Joshi, Supreme Court Commissioner, Department of Mines, Representative of Health Department
- 25th February 2017 : Dr. Henk Bekedam, WHO Representative to India
- 4th March 2017 : Prof. C.S. Bal, Professor and Head, Department of Nuclear Medicine, AIIMS, Delhi

Student Welfare Activities

Students' Welfare Activities

Students Admitted in M.B.B.S. 2016

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR			
NAME LIST OF M.B.B.S. STUDENTS – 2016			
S.No.	NAME OF STUDENT	S.No.	NAME OF STUDENT
1	ABHIJEET	51	MONSU RATHOD
2	ABHIJEET KUMAR DAS	52	MRANAL KAROLIYA
3	ABHILASH	53	MRIGANK SHARMA
4	ABHINANDAN KUMAR	54	MUKESH KUMAR PRAJAPAT
5	ADITYA MEHTA	55	MUSKAN ARORA
6	AKANKSHA SAINI	56	NEETU MEENA
7	AKANSHA	57	NISHA MEENA
8	AKASHDEEP SEHGAL	58	NOEL BABU JACOB
9	ANIKET BANSAL	59	PABU LAL
10	ANKIT KUMAR	60	PAWAN CHOUDHARY
11	ANURADHA	61	PAYAL MITTAL
12	ARJUN SINGH	62	PIYUSH KUMAR RAI
13	ARUN VASHISTHA	63	PRABHAT BIHANI
14	ARVIND	64	PRAKHAR GOYAL
15	ASHISH KUMAR HALWAI	65	PRANAV VIG
16	ASHUTOSH PAREEK	66	PREM LATA
17	AVANSHU BANSAL	67	PRITI PADIYAR
18	BABU LAL DUKIYA	68	PRIYA CHHAWAL
19	CHANDER KANT	69	PYRUS
20	CHOONA RAM	70	RAHUL KUMAR JHAJHRIA
21	DVR HARSHAVARDHAN	71	RAJEEV BISHNOI
22	DEEPENDRA CHOUDHARY	72	RAJNARESH YADAV
23	DEEPINDER SINGH	73	RISHABH MEHTA
24	DEVYANI TAILOR	74	RITVIK SHARMA
25	DHIRAJ MEENA	75	ROHIT CHOUDHARY
26	DIVYA MEENA	76	ROHIT SIHRA
27	GOURAV CHETIWAL	77	RUPENDRA MEGHWAL
28	HANUMAN CHHABA	78	SAJJAN KUMAR
29	HARJINDER SINGH	79	SANJOLI GUPTA
30	HARKIRAT SINGH	80	SARTHAK KHANDELWAL

S.No.	NAME OF STUDENT	S.No.	NAME OF STUDENT
31	HARLEEN KAUR	81	SATYANARAYAN SUTHAR
32	HARPYAR SINGH	82	SAURAV KUMAR
33	HARSH ARYA	83	SHIKHA DOGRA
34	HARSH SUTAIL	84	SHRESHTHANGSHA SAYAN BISWAS
35	HIMALAYA GARG	85	SHUBHAM KUMAR DHAKAR
36	HUMAID AHMAD	86	SIDDARTH SAHU
37	HUNNY BANSAL	87	SIDDHANT PASSEY
38	HUSSEIN	88	SIDHANSHU SETHI
39	ISHUDEEP KAUR	89	SIMRAN KEJRIWAL
40	JASMEET SINGH KALRA	90	STAVAN JARIWALA
41	JAYANT MEHTA	91	SUMITRA JAKHAR
42	JOYEL SUNNY	92	SUNITA KATARIYA
43	KAMAL KISHOR	93	TAPAN KUMAR
44	KANUGULA POOJA	94	TAPAN MARMATH
45	MAHESH CHOUDHARY	95	TASADIQ HUSSAIN
46	MANJEET SINGH BIRMAN	96	UDIT JAIN
47	MAYA	97	UDITA PATNI
48	MEGHNA SINGH	98	VIPIN KUMAR MEHTA
49	MOHIT JAIN	99	VIRAG JAIN
50	MOHIT MODI	100	VIRENDRA YADAV

Students Admitted in B.Sc. (Hons.) Nursing, 2016

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR			
NAME LIST OF B.Sc. NURSING STUDENTS – 2016			
S.No.	NAME OF STUDENT	S.No.	NAME OF STUDENT
1	ANJALI	31	POOJA SHARMA
2	ANNU	32	POOJA SHARMA
3	ANNU	33	POONAM
4	AVNEET KAUR	34	PRIYA
5	BHAWNA	35	PRIYANKA
6	CHANDA PRAJAPAT	36	PRIYANKA SWAMI
7	DAKSHTA	37	RADHA DEVI
8	DIMPLE SANKHALA	38	RAJNI
9	DIVYA NEGI	39	SANGEETA VISHNOI
10	GARIMA BHATI	40	SANJU SHESHMA
11	GARIMA KHATRI	41	SARLA CHAUDHARY
12	GEETA	42	SAROJ
13	GUDDI	43	SAVITA
14	HIMANSHI MAHESHWARI	44	SEEMA MAHALA
15	JASHODA	45	SHARMILA BAI
16	KAJAL PRAJAPATI	46	SHILPA
17	KAMLESH BAJIYA	47	SHILPA PATEL
18	KANUPRIYA JOSHI	48	SHUBHI GOYAL
19	KAVITA SUTHAR	49	SHWETA GUPTA
20	KIRAN MUNDEL	50	SNEHA SHARMA
21	KM JAYA KUMARI	51	SONI KUMARI
22	KM PRIYA SAHU	52	SRISHTI
23	MANITA KUMARI	53	SUSHILA
24	MINTU YADAV	54	SUSHMITA TANVEER
25	NEETU SEERVI	55	TANISHA SINGH
26	NEHA SAH	56	UMA MEENA
27	NIKITA CHOUHAN	57	VARSHA GODARA
28	PARIDHI SOLANKI	58	YOGITA
29	POOJA		
30	POOJA SAINI		

Students' Welfare Activities

	Name	Designation
1	Dr. Surajit Ghatak	Dean
2	Dr. Abhay Elhence	Vice Dean
3	Dr. Naresh Nebhinani	Sub Dean
4	Dr. Daisy Khera	Assistant Dean

At AIIMS Jodhpur students are encouraged to participate in sports, cultural, literary and academic activities for overall growth of their personality. The real purpose of education is to prepare students with the potential to meet challenges in life. Becoming a good doctor not only need acquiring medical knowledge and mastering clinical skills but also learning professional attitude, emotional stability, interpersonal and communication skills.

1st Annual Inter-Batch Literary and Culture fest – Asterion was held from 04 April to 06th April, 2016. The fest comprised of various Literary and Cultural events. The winning Batch was Batch-2014.

The new batch of MBBS students (Batch-2016) joined the institute on 01 Aug 2016. Independence Day was celebrated on 15 Aug 2016 with the Director of the institute hoisting the flag and addressing the students, faculty and staff. The “Freshers’ Day” was celebrated on 22nd November, 2016 where students of the fresher batch presented a cultural programme.

2nd Annual Sports meet was organized from 09th Sept to 17th Sept 2016, named Tejas, was held in the sports complex in the residential complex area. Students of all the batches participated with enthusiasm and with true sportsman spirit in various Track and Field events as well as Team sports. The Batch of 2014 was declared the Champion batch. Samarth Gupta was adjudged the Best sportsmen and Jyoti Malav the Best sportswomen.

Saraswati Puja was celebrated on the day of Basant Panchami by the students, faculty and staff on 01 Feb 2017.

Students of AIIMS Jodhpur participated in various cultural and sports fest within Jodhpur as well as in outstation festivals.

Two Students of AIIMS Jodhpur, Shashikant Saini and Sadiya Ansari of Batch-2015 participated in Workshop & Seminars and other activities of Bhartiya Sanskriti Gyan Pariksha (BSGP) at Kota on 11th December, 2016 and were awarded certificates.

IIT Jodhpur students Gymkhana, Organized its Annual Sports Fest VARCHAS -2016 which was held from 29th September to 02 October, 2016. Women's team of AIIMS Jodhpur bagged the Silver medal. Individual prizes won by MBBS & Nursing students are as under:

Sr. No.	Students/Team	Event	Position/Prize
1.	Joyati Bala Malav	Athletics Events (800m)	Gold Medal
2.	Meghna Murugesh	Athletics Events (100m)	Silver Medal
3.	Jyoti Bala Malav	Athletics Events (400m)	Silver Medal
4.	Krishna Meghna Joyti Parmu Kumari	Athletics Events Relay 4X100	Silver Medal
5.	Parmu Kumari	Athletics Events Relay (200m)	Bronze Medal

Annual sports fiesta of AFMC Pune- Silhouettes was held during 23rd to 26th February, 2017 at Pune in which the following students of AIIMS Jodhpur won the following prizes:

Sr. No.	Students/Team	Batch	Event	Position/Prize
1.	Ayush Patel	2014	Sketching	2 nd Prizes
2.	Kiriti Khatri Meghna Murgesh Rishitha Priyanka Karadia	2014 2014 2014 2014	Best out of Waste	1 st Prize
3.	Monish Gupta	2014	Shipwreck	1 st Prize
4.	Monish Gupta	2014	Turncoat	2 nd Prize

At the Tata Crucible Campus Quiz-2017 at Udaipur regional round two students of AIIMS Jodhpur, Anshul Sharma and Srijan Sinha of batch-2105 participated and secured Runner-up position and were awarded prize money of 17,500/-.

Anti-Ragging Committee

AIIMS, Jodhpur constituted an Anti-Ragging Committee as per Supreme Court Guidelines. The following were the members of the Committee:

- i) Dr.Sabyasachi Sircar (Faculty-in-charge)
- ii) Dr. Surajit Ghatak (Member)
- iii) Dr. Vanita Lal (Member)

- iv) Representative of District Administration
- v) Representative of State Police
- vi) Representative of Local Media
- vii) Representative of Parents
- viii) Shri Manish K. Srivastava (Member-Secretary)

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.

Medical Education at AIIMS Jodhpur

Medical Education at AIIMS Jodhpur

	Name	Designation
1	Dr. Kuldeep Singh	Dean
2	Dr. Shilpi Gupta Dixit	Vice Dean
3	Dr. Abhishek Bhardwaj	Sub Dean
4	Dr Vikram Singh	Assistant Dean
5	Dr. Nitin Bajpai	Assistant Dean
6	Dr. Pradeep Dwivedi	Assistant Dean

Technological advances in medicine has created a challenge for Medical Schools for imparting training to the medical graduates empowering them with skills for life long learning. The rapid development in medicine will make the knowledge today obsolete in coming decades. The new AIIMS have been established under PMSSY with the aim of correcting regional imbalances in quality tertiary level healthcare in the country, and attaining self-sufficiency in graduate and postgraduate medical education and training in underserved areas of the country. As a premier Institute, AIIMS not only need to be leader in Health services but also to be a Centre of excellence in Medical Education Technology (MET) in Western India. The mandate to AIIMS provide it to produce evidences towards innovative education technology which aligns with this to need of the society. The Faculty Development modules at AIIMS Jodhpur strives to provide an institutional framework that includes a broad range of activities to help renew and assist faculty in their multiple academic roles. These activities are designed to improve the knowledge and skills essential to their performance as educators, and to assist faculty members in gaining a better understanding of academic career development, mentoring, and leadership. Apart from this, learners are provided an opportunity which provides a continuum to the refinement of their competencies through further learning mainly focused on self-learning and post-graduation.

We have already built up our foundation to implement Competency Based Medical Education to some if not all component. This is being done without altering the course duration or

deviation from philosophy of MCI or AIIMS. The 50% weightage for internal assessment provides enough opportunity to develop competencies in Medical Knowledge, Patient Care, Interpersonal and Communication Skills, professionalism, System Based Practice and Practice based Learning. Global leaders in medical educators are looking keenly on development of medical education scenario in India. There is no doubt that doctors trained in India are doing quite well in countries abroad proving that traditional system of teaching does have its own value. Our sincere efforts in keeping pace with our counterpart worldwide and also enhancing our learning environment for the physician of tomorrow will definitely reap rich dividend in the form of our healthy society. Every teacher needs herself/himself keep updating with new and contemporary technology. There are many pedagogical principles and techniques which a medical teacher is required to know in order to facilitate his/her student's learning. Hence there is a need for medical faculty to be trained in these technologies through faculty development program. AIIMS is determined to be a leader in medical education. Many innovations are being discussed during special sessions and during Clinical Grand Rounds. Passionate faculty members are using the innovations in their daily teaching practices. AIIMS Jodhpur is also making an effort to further develop reforms in medical education through following activities:

1. Need based modules in Medical Education Technology
2. Clinical Grand Rounds- every Wednesdays
3. Clinico-pathological conference- Every Fridays
4. Research methodology series- every fortnightly on Thursdays
5. Special sessions on sensitization to new faculty
6. Every department has augmented their teaching with JRs and PGs
7. Regular feedback from students

New teaching methods have also been introduced at AIIMS Jodhpur in year 2016-2017. Having each faculty being trained in basic teaching technology, our curriculum being same as AIIMS Delhi, we introduced concept of student centered, problem based, integrated, community oriented and experiential learning for our students. This we have been able to deliver through:

1. **Foundation course:** A two week long program for 1st year MBBS students preparing them to learn medicine effectively, to exploit the full potential of technology offered by the Institute and prepare them to be a lifelong learner. In addition, students are sensitized to concepts of first aid, basic life support, preventing bio-hazards, skills in

communication, professionalism, humanities, stress management, self-development and career enhancement. The feedback from students was encouraging

2. **Orientation to Clinical Teaching:** A structured program of 3 weeks for 3rd MBBS students making them aware of contextual learning of 2nd Professional subjects with patient at the centre stage. Students are sensitized to elicit clinical history, examination techniques and patient care with importance of communication skills and electronic record keeping.
3. **Ambulatory Clinical teaching for 3rd Semester MBBS:** Bringing medical students out of the cocoon of teacher centered safe classroom teaching to realities of a professional course which demands huge amount of self directed but Preceptor guided learning in OPD setting is inspiring. This the real learning where one can learn by observation. OPD offers variety of clinical conditions reflecting tip of the iceberg and encourage students to adopt more holistic and community oriented attitude in patient care.
4. **Integrated teaching-** Theme based topics with engagement of students in contextual learning also encouraged interdepartmental interactions.
5. **Problem based learning:** Students are encouraged to explore the case presented as sequential disclosure using problem triggers so as to encourage active learning. This time a small part of Clinical posting was utilized for presenting triggers of a clinical case, elaborated with interactive tutorials and culminated in presentations on weekends. Overall impact on students was encouraging.
6. **Unconventional learning-** using video clips, debate, role play, panel discussions and small group discussion methods.
7. **Flip Classroom:** Innovative methodology whereby a pre-recorded video with synchronized PowerPoint presentation is given to students before the class and classroom time is utilized for discussion, activity, quiz and clarifications. In effect it enhances the time teacher is engaged with the students and hence enhance their learning. It was also observed that teachers using Flip Class were more interactive during traditional classes too.
8. **Clickers (Audience Response System):** This was star attraction during this academic year. Its functionality was demonstrated to all faculty during a Clinical Grand Rounds. Soon many departments start demanding for their classes. The advantages were even the quietest student was participating, it created more interactive

environment and was also able to provide feedback to the participants. Even it was used for conducting quizzes for Conferences, workshops and class assessment.

9. **Casualty Postings:** The second batch of MBBS students were exposed to routine emergencies in collaboration with Dr S N Medical College, Jodhpur. They learnt how to provide first aid and management of life threatening conditions and referral to specialists. The students were posted in afternoon to the casualty and morning time was used for clerkship observation of patients in IPD.

Feedback from students have been encouraging. Feedback has been considered to be an important part of curriculum and is unique at AIIMS Jodhpur. All suggestions given by students were evaluated by Academic Committee and efforts were made to incorporate positive feasible suggestions in our teaching and learning.

Hostels

Boys' Hostel



Provost : Dr. Puneet Setia

Assistant Provosts : Dr. Ashish Kumar Nayyar
Dr. Ram Karan Choudhary

Boys Hostel for Undergraduate MBBS Students consisting of 250 single occupancy rooms is situated in the AIIMS residential complex. It is located adjacent to the mess complex, sports and recreational area. All rooms are single seated and fully furnished with inbuilt almirah, storable bed, reading table and chair along with stool and electric fittings like ceiling fan and lights. Every floor has total of eight bathrooms, eight toilets (two each on corner of corridor), with facility of electric geyser for hot water and water cooler with inbuilt purifier.

Visitor room for visitors to meet resident boys is available in UG Boys hostel ground floor.

Hostel has Reading Rooms cum Library and TV Room for the students on first floor.

Emergency drugs are First AID kits are available in hostel office for students.



Boys' Hostel

No. of students residing in boy's hostel:

MBBS (Batch 2016) - 76

MBBS (Batch 2015) - 77

MBBS (Batch 2014) – 76

Supervisory arrangement:

UG boys Hostel Committee supervises the functioning of the hostel. The hostel Committee consists of Provost and two Assistant Provosts. Two care takers (warden) & security personnel are on duty round the clock. They have regular interactions with the students and solve their problems as and when they arise.

Mess arrangement:

Mess facilities are provided for UG Boys in central common mess area.

Girls' hostel



Provost	: Dr. Pankaja Ravi Raghav
Assistant Provosts	: Dr. Renu Gupta
	: Dr. Omlata Bhagat
	: Mamta Nebnani
	: Vandana Pandey

Under Graduate Hostel consisting of 198 single seated rooms for MBBS girls and 125 rooms for Nursing girls and 2 floors from PG hostel is situated in the AIIMS residential complex. It is located at walkable distance from the mess complex, sports and recreational area. All rooms are single seated and fully furnished with inbuilt almirah, storable bed, reading table and chair along with stool and electric fittings like ceiling fan and lights. In MBBS wing as well as in PG hostel every room has attached toilet and in Nursing wing every floor has total of eight bathrooms, eight toilets (two each on corner of corridor), with facility of electric geyser for hot water and water cooler with inbuilt purifier.

Visitor room for visitors to meet resident girls is available in UG girls' hostel ground floor. Hostel has Reading Rooms and TV Room for the students.

Emergency drugs are available in hostel office for students.

Strict measures are in place to prevent Ragging.

No. of students residing in PG hostel of girls hostel: 54

MBBS (Batch 2012) – 13

MBBS (Batch 2013) – 41

No. of students residing in MBBS wing of girls hostel: 167

MBBS (Batch 2016) – 23

MBBS (Batch 2015) – 22

MBBS (Batch 2014) – 23

Nursing (Batch 2013) – 59

Nursing (Batch 2014) – 40

No. of students residing in Nursing wing of girls hostel: 123

Nursing (Batch 2016) - 52

Nursing (Batch 2015) - 54

Nursing (Batch 2014) - 17

Supervisory arrangement:

UG girls' Hostel Committee supervises the functioning of the hostel. The hostel Committee consists of Provost and four Assistant Provosts. Five care takers (warden) & lady security personnel are on duty round the clock. They have regular interactions with the students and solve their problems as and when they arise.

Mess arrangement:

Mess facility is provided for UG girls in central common mess area.



Girls' Hostel

Residents' Hostel

Provost	: Dr. Arvind Sinha
Assistant Provosts	: Dr. Abhay Elhence
	: Dr. Shashank Shekhar

The Resident Hostel at AIIMS Jodhpur was handed over to the institute in March 2013. It has two blocks, each being six storey high. One block has 196 rooms and the other has 190 rooms. There are twenty double rooms and the rest are all single room. Each room contains an attached washroom and a balcony. The double rooms have a kitchen also. Each room has been fully furnished for the comfortable stay of the residents. Each floor has a common room, common washroom and a water cooler has been installed for safe drinking water for the residents.

At present Junior and Senior Residents are residing in the hostel. They are provided round the clock water and electricity supply. There are security guards maintaining security for the residents.



Residents' Hostel

Central Facilities

Central Facilities

Central Library

With the start of the academic session in 2012, a Central Library was established at the Institute. It houses various books on medical and nursing subjects and also has computer terminals for the use of Faculty and students. The Library is Wi-Fi enabled. It has more than 2600 medical text books, reference books and about 500 books on Nursing. More than 60 online journals have been subscribed to by the library. In March 2016, the library became a member of **ERMED** consortium initiated by NML, New Delhi. Through this portal, access to more than 243 online e-journals across various specialties has been made possible. Subscription to '**UpToDate**', which is an evidence based clinical decision support resource, was started in March 2017. 400 English and Hindi literature books and novels for general reading are available in the library. 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 various simulation and software modules. The Library provides reprography service. CCTV cameras have been installed in the Library to provide a secure reading environment.

Central Mess

There are three dining areas for all the students of MBBS and Nursing, Residents are also availing the facility of the central mess. Faculty of the mess committee get regular feedback from the student representatives and take proper action to changes in the functioning of the mess. One canteen has been started in one of the dining areas. Students can get refreshments from the canteen from 9 AM till 11 PM.



Meal Time

Recreational Facilities

Common rooms are established in the Mess complex near the Hostels to allow the students to relax. The common rooms have facilities for games like table tennis, chess, carom etc. The common room also has adequate seating arrangements with television.

A small central park with walkway is present behind the guest house. This is used frequently both by the students and the faculty for walks and relaxation.

In order to promote overall growth of the students, the Institute has floodlit badminton, basketball and tennis courts along with a football cum cricket ground.



Indoor Badminton Court

Guest House

For visitors, a fully furnished wifi enabled guest house has been established in the residential complex. It has thirteen air-conditioned comfortable rooms with digital lockers, double beds and television. Kitchen facility is available in the guest house complex with a central dining room. The kitchen provides good wholesome food to the guests.



View of the Guest House

Information Technology Cell

AIIMS Jodhpur takes pride in stating that it has a very robust IT infrastructure for patient management, teaching and research purposes.

These services include CPMS which is a single window software for managing all patient related activities of All India Institute of Medical Sciences, Jodhpur. The salient features of CPMS are as follows - online patient registration, out patient management, admissions and in patient management, investigation ordering and retrieval of reports, patient referral, personnel management, store distribution, equipment management, blood bank, medico legal aspects, health statistics, family planning reproductive health and maternal and child health activities. In addition, the system also caters to ancillary; hospital services such as ambulance administration, Central Sterile Services Department (CSSD), Biomedical Waste Management (BMW), operation theatre services, ICU and Wards peripheral centers of the institution (rural and urban healthcare centers etc.). Can also be accessed from the same

software, it includes a real time monitoring of patient movement, inter-hospital transfer of all patients and their hospital information, as required.

The CPMS was Inaugurated by Shri. Jagat Prakash Nadda, Honorable Minister of Health and Family welfare, Government of India on 6th June 2015. The inauguration was attended by Shri. Gajendra Singh Shekhawat, Shri. Manoj Rajoria Honorable Members of Parliament (MPs) and members of Institute body, Prof CVR Murty, Director, IIT, Jodhpur.

Many other dignitaries including Shri. Rajendra Rathore, health Minister Government of Rajasthan, Shri Gajendra Singh Khimsar Minister for Industry, Government of Rajasthan, Shri Narayan Lal Panchariya, M.P, Rajya Sabha, Shri P.P Choudhary, M.P, Lok Sabha, Shri Ram Narayan Dudi, M.P. Rajya Sabha, Shri Jaswant Singh Bishnoi, Chairman Central Wool Development Board and Ex-M.P. Shri Sunil Sharma. Joint Secretary, Ministry of Health and Family Welfare, Govt. of India and Shri. Ghanshyam Ojha, Mayor of Jodhpur graced this event.

The country already has the advantage of a strong IT fibre backbone and indigenous satellite communication technology with trained human resources. With enhanced efforts, telemedicine could help bring specialized healthcare to the remotest corners of the country. Telemedicine is likely to provide the advantages of tele-diagnosis, especially in the areas of cardiology, pathology, dermatology, and radiodiagnosis besides effectively operationalizing Continuing Medical Education (CME) programmes. AIIMS Jodhpur takes pride that most of the vision of MOHFW and MeTY has been implemented such as:-

Telemedicine: Telemedicine can be defined as the use of electronic communication technology to exchange patient information and provision of health care services at remote locations. Global Telemedicine has gone far beyond providing health care services alone. It is now being extensively used also for education, research and management of data. It is, however, paradoxical that despite India's strength in information technology, the use of telemedicine is still at a fairly nascent stage especially in the public health sector. AIIMS Jodhpur has already started Telemedicine setup and acts as the Nodal Center of referral and consultation of patients of Pali District Hospital.

Use of Information and Communication Technology (ICT) in health can be broadly in four areas viz. Education, Research, Referral, and Management of Data.

- **Health and Education:** When ICT is applied to medical education, it is possible to make high quality education available pan India seamlessly.
- **Hospital Management System:** It is common experience that work places in the health systems are not adequately governed especially in remote areas. The management of medical colleges and district hospitals can be strengthened significantly with the application of Hospital Management System.
- **Health Research:** ICT can potentially transform the medical scene in India, by bringing about a sea-change in medical research. From traditional clinical research to the modern synthetic biology-based research, the opportunity is immense. Work on problems such as

Cancer prevention, screening, diagnosis, and therapy can benefit from inter disciplinary cooperation. Medical fraternity has availed such benefits when MRI and Nuclear Imaging was integrated into medicine a few decades ago.

- Health and Management of Data: Electronic Medical Records (EMR), is a fundamental pre-requisite in using ICT seamlessly in healthcare. While EMR is available in several forms, size, shape, and format, Indian medical community with a specific mandate should standardize EMR, create and establish ICT platforms for using EMR based systems, for universal benefits.

The vision of Digital India is included in our endeavors to achieve a paperless hospital management and Data Storage system.

All Out Patient Department (OPD) activity, Patient Registration- one time, bar coded, Consultation, Prescription, Investigation, Vaccination, Drugs ,Injection, Physiotherapy etc. all are done online.

All Inpatient activity Admission, Patient record, medical treatment, surgical treatment and procedures, Investigation, Medicolegal and Police Formalities, Discharge, Death Certificates, Scheduling for OT, Allotment / Reservation of hospital beds and patient referral, all are done online.

Pharmacy and stores - Online procurement and distribution of drugs and pharmacy without the need to maintain registers at every Point, automatic debit of indent from pharmacy stock indent can be generated in any, OPD, ward, Theatres, Stock keeping, online tracking of pharmacy stock with warning on low levels and expiry dates.

Equipment's tracking of all hospitals equipment from bedpans to Lasers with one time online data entry.

Linen and laundry stores - tracking of all linen with one time data entry, issue, condemnations, and repairs all are tracked online.

The system tracks each cash deposit of any kind and cash exit from the hospital at all cash counters. It keeps track of refunds and generates a detailed daily cash record.

Biomedical waste generation, its transport and disposal are tracked from each collection site to the incineration site, with warning if a bag is missed. The total amount of waste generated in any hospital system is recorded category (as per safety guidelines) for monitoring purpose.

Blood Bank Management is completely online from blood donation, its storage and the issue of blood bank and all steps are monitored.

Hospital kitchen, all dietary prescriptions and tracking is done online. Diets can be prescribed only to bona-fide patient. Therefore, misuse is avoided.

All health statistics currently being collected by the department of health and family welfare such as admission, morality, infant mortality, vaccination, family planning procedures etc. are catered to by the CPMS. All works and records related to maternal and child health services can be done online and all records can be retrieved intently.

Apart from patient management services IT Cell at AIIMS Jodhpur also caters for many other services including E-library,

Video conferencing room with ability to perform 3 simultaneous conferences at a single time, not only we are publicize our Public Lectures live on YouTube, but OT Procedure also broadcasts to the lecture theatres here in AIIMS Jodhpur, through our in house development we creates a robust user interfaced websites and Recruitment portal.

IT cell is providing Eduroam services at AIIMS Jodhpur. Edurom is a global service that enables students, researchers and staff from participating institutions to obtain Internet connectivity across campus and when visiting other participating institutions by simply opening their laptop or activating their smartphone or other portable device through Wi-Fi. This facility enables users visiting other Eduroam enabled institutions globally to get authenticated and connected to the visiting institutions network using their home institution ID and password and use it for free internet access.

AIIMS Jodhpur has also started one dedicated SMS portal for all the patients who require a follow up visit and the reminder for the same is sent automatically to those patients 48 hours prior to their scheduled visit at AIIMS Jodhpur for follow up. This service was started this year and we have already sent around 100000 messages to the patients concerned.

Women's Cell

The Women Cell was established in 2012.

Committee Members:

Dr. Pankaja Ravi Raghav	Convener
Dr. Bharati Mehta	Member
Dr. Shilpi Gupta Dixit	Member
Dr. Om Lata Bhagat	Member
Ms. Vartika Kesarvani	Student Representative

The committee strives to redress the grievances, if any, of the female students, faculty and staff of the institute. It is committed to make provisions for safe and humane conditions where women can work with dignity.

Two complaints were forwarded to the women's cell in the year 2016-2017. The matters were investigated and efficiently resolved.

Anti-Sexual Harassment Committee

AIIMS, Jodhpur having an Anti-Sexual Harassment Committee. The Members of the committee are as below:

Committee Members:

Dr. Pankaja Ravi Raghav	Chairman
Dr. Pratibha Singh	Member
Dr. Bharti Mehta	Member
Dr. Shilpi Gupta Dixit	Member
Dr. Puneet Setia	Member
Mrs. Sudhi Rajeev	Member
Ms. Vandana Bhansali	Member
Mrs. Shilpi Mridul	Member
Shri Manish Kumar Srivastava	Member Secretary

Faculty Accommodation

Research Cell

Composition:

S. No.	Name	Designation
1.	Dr. Praveen Sharma	Dean (Research)
2.	Dr. Vijaya Lakshmi Nag	Vice-Dean (Research)
3.	Dr. Pankaj Bhardwaj	Sub-Dean (Research)
4.	Dr. Neeraj Gupta	Assistant Dean (Research)
5.	Dr. Tanuj Kanchan	Assistant Dean (Research)
6.	Dr. Jay Karan Charan	Assistant Dean (Research)
7.	Dr. Abhay Elhence	Member (Research)
8.	Dr. Poonam Elhence	Member (Research)
9.	Dr. Abhinav Dixit	Member (Research)
10.	Dr. Nikhil Kothari	Member (Research)
11.	Dr. Sumit Banerjee	Member (Research)
12.	Dr. Ravisekhar Gadepalli	Member (Research)
13.	Dr. F. S. K Brar	Chairperson, Institute Human Ethics Committee
14.	Dr. Surajit Ghatak	Chairperson, Ethics Sub Committee (Student Research)
15.	Dr. Sneha Ambwani	Chairperson, Drugs and Therapeutics 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 MoUs with University of South Florida (USF) and National Innovation Foundation (NIF), Ahmedabad etc.

A total of 31 Intra-mural projects by the faculty members with a maximum grant of Rs. 2 lacs each were approved during the year.

S. No.	Project No.	Principal Investigator	Designation	Department	Name of Project Title
1.	AIIMS/RES(03)/2016/089	Dr. Naresh Nebhinani	Associate Professor	Psychiatry	Association of Single nucleotide polymorphisms in DNA Repair Gene (XRCCI) (Arg399Gln; rs25487) and SNAP25 (rs3746544) Patients with Schizophrenia in North Indian population.
2.	AIIMS/RES(03)/2016/090	Dr. Anuradha Sharma	Associate Professor	Microbiology	Trend of laboratory confirmed cases of diphtheria.
3.	AIIMS/RES(03)/2016/091	Dr. Shilpa Goyal	Associate Professor	Anaesthesiology	Effect of anaesthetic agents on incidence of emergence delirium in children during recovery from General Anaesthesia.
4.	AIIMS/RES(03)/2016/092	Dr. Nikhil Kothari	Associate Professor	Anaesthesiology	Inferior Vena Cava compressibility index as a predictor of hypotension during spinal Anaesthesia.
5.	AIIMS/RES(03)/2016/094	Dr. Pramod K Sharma	Associate Professor	Pharmacology	Prevalence of nasal carriage of Staphylococcus aureus and their antimicrobial susceptibility profile in patients undergoing elective surgical procedure in a tertiary care hospital.
6.	AIIMS/RES(03)/2016/095	Dr. Amit Goyal	Additional Professor	Otorhinolaryngology	Characterization of thyroid lesions in fine-needle aspiration cytological (FNAC) specimens using a panel of immunohistochemical markers: a proposal for clinical application.
7.	AIIMS/RES(03)/2016/096	Dr. Ankita Chugh	Assistant Professor	Dentistry	Correlation of miR155 and miR101 expression with c-fos in patients of Oral Submucous Fibrosis and Oral Squamous cell carcinoma.
8.	AIIMS/RES(03)/2016/097	Dr. Sneha Ambwani	Professor and Head	Pharmacology	Study of vitamin D level and cardiometabolic abnormalities in patients with schizophrenia and bipolar disorders.

9.	AIIMS/RES(03)/2016/099	Dr. Neeti Rustagi	Assistant Professor	CM & FM	A structured modular intervention for enabling General Practitioners and allied health professionals in providing pre-hospital injury care in jodhpur: A mixed method study.
10.	AIIMS/RES(03)/2016/100	Dr. Poonam Elhence	Additional Professor	Pathology	Immunohistochemical validation of TLE-1, Nuclear beta-catenin and MIB-1 in soft tissue sarcomas with RT-PCR based correlation of SYT-SSX in cases of synovial sarcomas.
11.	AIIMS/RES(03)/2016/101	Dr. Surjit Singh	Assistant Professor	Pharmacology	Determination of Vitamin D reference level in Healthy Population in Urban Rajasthan.
12.	AIIMS/RES(03)/2016/102	Dr. Abhay Elhence	Professor and Head	Orthopaedics	Determination of Vitamin D reference level in Healthy Population in Rural Rajasthan.
13.	AIIMS/RES(03)/2016/108	Dr. Tanuj Kanchan	Associate Professor	Forensic Medicine	Estimation of sex from dental arch dimensions: An odontometric analysis.
14.	AIIMS/RES(03)/2016/109	Dr. Aasma Nalwa	Assistant Professor	Pathology	Co-Chaperone BAG3 Expression in Uterine and Epithelial Ovarian Carcinomas.
15.	AIIMS/RES(03)/2016/110	Dr. Garima Yadav	Assistant Professor	Obstetrics & Gynecology	Detection of nerve fibres in the eutopic endometrium of patients with endometriosis, uterine fibroids and adenomyosis - A pilot study.
16.	AIIMS/RES(03)/2016/111	Dr. Pradeep Dwivedi	Assistant Professor	Pharmacology	Correlation of circulating endothelial progenitor cells with endothelial function in cases with Metabolic Syndrome.
17.	AIIMS/RES(03)/2016/112	Dr. Meenakshi Rao	Assistant Professor	Pathology	Study of immunohistochemical expression of GATA3 in various subtypes of primary and metastatic breast carcinomas.
18.	AIIMS/RES(03)/2016/113	Dr. Arvind Kumar Morya	Associate Professor	Ophthalmology	To study the changes in intraocular pressure (IOP), retinal ganglion cells thickness and visual field with various common mudras or asana practiced by our population.
19.	AIIMS/RES(03)/2016/114	Dr. Gopal Bohra	Assistant Professor	Medicine	Role of magnesium in Vitamin D deficiency - An observational study.

20.	AIIMS/RES(03)/2016/115	Dr. Ravindra Kumar G. Shukla	Assistant Professor	Endocrinology and Metabolism	Role of perforin in metabolic inflammation: A comparison of Type 2 Diabetes Mellitus and Healthy controls.
21.	AIIMS/RES(03)/2016/116	Dr. Surender Deora	Assistant Professor	Cardiology	Evaluation of electrocardiographic Tp-e and Tp-e/QT ratio and serum biomarkers Tn-I and NT-proBNP in patients with hypertrophic cardiomyopathy.
22.	AIIMS/RES(03)/2016/117	Dr. Nitin Kumar Bajpai	Assistant Professor	Nephrology	Correlation of NGAL with degree of albuminuria in patients of type 2 diabetes Mellitus.
23.	AIIMS/RES(03)/2016/119	Dr. Saurabh Singh	Assistant Professor	Dermatology	Evaluation of the role of cardiovascular autonomic function and peripheral vascular endothelial function in patients with primary hyperhidrosis.
24.	AIIMS/RES(03)/2016/120	Dr. Shailja Chambial	Assistant Professor	Biochemistry	Pilot study of DMT1 and Metallothionein 2A polymorphism in lead exposed workers.
25.	AIIMS/RES(03)/2016/121	Dr. Mahaveer singh Rodha	Assistant Professor	Trauma and Surgery	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.
26.	AIIMS/RES(03)/2016/122	Dr. Manoj Kumar Gupta	Assistant Professor	Community Medicine and Family Medicine	Validation of color coded rings for cervicograph and Knowledge and Skill Upgradation of Skilled Birth Attendants (SBAs) for Labor and Delivery Management at Sub District Level in rural Jodhpur.
27.	AIIMS/RES(03)/2016/123	Dr. Abhishek Purohit	Assistant Professor	Pathology	Exploring the β -thalassaemia mutations in Western Rajasthan with clinical expression.
28.	AIIMS/RES(03)/2016/124	Dr. Manu Goyal	Assistant Professor	Obstetrics & Gynecology	Utility of VEGF and PIGF in prediction of preeclampsia.
29.	AIIMS/RES(03)/2016/126	Dr. Meenakshi Gothwal	Assistant Professor	Obstetrics & Gynecology	Role of cervical cancer biomarkers in triaging abnormal cervical cytological smears.
30.	AIIMS/RES(03)/2016/127	Dr. Kapil Soni	Assistant Professor	Otorhinolaryngology	Comprehensive Analysis of MMP9, MMP13, TIMP1 and p16 Expression in Head and Neck Cancer.
31.	AIIMS/RES(03)/2016/128	Dr. Puneet Setia	Additional Professor	Forensic Medicine	Study of diatoms in human cadavers- An autopsy analysis.

Indian Council of Medical Research approved 09 projects of students of AIIMS, Jodhpur under its Short-Term Studentship program. (STS-ICMR)

S. No.	Project No.	Principal Investigator	Designation	Department	Student Name	Name of Project Title
1.	AIIMS/RES(03)/2016/134	Dr.Purvi Purohit	Assistant Professor	Biochemistry	Manvi Sharma	"A pilot study of pre-diabetes and autoimmune thyroiditis in obese and non-obese Polycystic ovarian syndrome (PCOS) women"
2.	AIIMS/RES(03)/2016/136	Dr.Naresh Nebhinani	Associate Professor	Psychiatry	Hridyanshu Vyas	"Assessment of Vascular age and cardiovascular disease risk factors in patients with Schizophrenia from North-western India"
3.	AIIMS/RES(03)/2016/140	Dr.Abhishek Purohit	Assistant Professor	Pathology	Shashikant Saini	"Clinico-pathological correlation of beta-thalassaemia cases in Western Rajasthan "
4.	AIIMS/RES(03)/2016/141	Dr.Nitin Bajpai	Assistant Professor	Nephrology	Amit Ghosh	"Spectrum of hospital acquired Acute Kidney Injury (AKI) in a tertiary care institute in Western Rajasthan"
5.	AIIMS/RES(03)/2016/150	Dr.Shailja Chambial	Assistant Professor	Biochemistry	Disha	"Blood lead level in preeclamptic pregnant women : pilot study"
6.	AIIMS/RES/(03)/2016/155	Dr.Pratibha Singh	Professor & Head	Obstetrics & Gynaecology	Isha Kaur Arora	"Metabolic and Hormonal profile of Polycystic Ovarian Syndrome among obese and non-obese women"
7.	AIIMS/RES/(03)/2016/157	Dr.Bikram Choudhury	Associate Professor	ENT	Shreyash Jain	"A study of the effects of oral corticosteroid therapy on surgical and post-surgical aspects of sino-nasal polyposis patients undergoing Endoscopic Sinus Surgery"
8.	AIIMS/RES/(03)/2016/158	Dr.Bharti Bhandari	Assistant Professor	Physiology	Abhinandan Kumar	"Correlation Between rate pressure product and severity of Chronic Obstructive Pulmonary Disease"

9.	AIIMS/RES/(03)/2016/160	Dr.Prawin Kumar	Assistant Professor	Pediatrics	Gaurav	"Questionnaire Based Screening of Common Comorbidities in children with Asthma : A Prospective Study"
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Following Multi-Centric Projects have been assigned to AIIMS, Jodhpur with following Faculty members as Principal Investigator:

S. No.	Title	PI from AIIMS, Jodhpur	Designation	Department	Funding Agency	Funding
1.	"Prevalence of Fluorosis in the community of selected districts of India and development of an appropriate intervention model for prevention and control of fluorosis."	Dr. Vinay K Chugh	Associate Professor	Dentistry	Indian Council of Medical Research, New Delhi	58,02,150/-
2.	"Piloting of the National NCD Monitoring Survey- A four site study."	Dr. Pankaja R. Raghav	Professor & Head	Community Medicine & Family Medicine	WHO, Indian Council of Medical Research, New Delhi	71,41,196/-
3.	"Congenital Rubella Syndrome (CRS) Surveillance in India."	Dr. Kuldeep Singh	Professor & Head	Pediatrics	UNDP through Indian Council of Medical Research, New Delhi	11,53,548/-
4.	"Hospital based Surveillance to assess the distribution and replacement of serotypes of Streptococcus pneumoniae in the nasopharyngeal swab isolates in children aged 1 month to 59 months presenting with fever, and pneumonia attending select hospital-based sentinel sites across India after the introduction of the Pneumococcal Conjugate Vaccine in the Universal Immunization Programme in India"	Dr. Kuldeep Singh	Professor & Head	Pediatrics	Indian Council of Medical Research	10,54,000/-

5.	"Survey for Monitoring the national Non Communicable Diseases (NCD) Targets."	Dr. Pankaja R. Raghav	Professor & Head	Community Medicine & Family Medicine	WHO, Indian Council of Medical Research, New Delhi	6,12,000/-
6.	"Capacity Building and Strengthening of Hospital Infection Control to Detect and Prevent Antimicrobial Resistance in India"	Dr. Vijaya Lakshmi Nag	Professor & Head	Microbiology	CDC, USA	52,50,000/-

Extramural Research Projects:

S. No.	Title	PI from AIIMS Jodhpur	Designation	Department	Funding Agency	Funding
1.	"Effect of language on performance on color word stroop task: An evoked Potential study."	Dr. Abhinav Dixit	Associate Professor	Physiology	Indian Council of Medical Research, New Delhi	17,00,000/-
2.	"Perception and practice of physicians, pharmacists and patients regarding the prescription of generic drugs in Patan city".	Dr. Jay Karan Charan	Assistant Professor	Pharmacology	Indian Council of Medical Research, New Delhi	7,85,388/-

Post-Doctoral Fellowship:

S. No.	Title	Name	Designation	Department	Funding Agency	Funding
1.	"Evaluation of the Dynamics of Breast Cancer Stem cells with oncogenic miRNAs (miR-10 a&b, miR-21, and miR-17), Tumor Suppressor miRNAs (miR-200 a&b, miR-205 and miR-145) and their significance in development, progression and metastasis of breast cancer"	Dr. Shailendra Dwivedi	National Post-Doctoral Fellowship	Biochemistry	Science and Engineering Research Board (SERB)	19,20,000/-

2.	"QSAR, docking and eADME/T studies of functionalized thieno[3,2-c]pyran derivatives as COX1/COX2 inhibitors."	Dr. Dharmendra Kumar Yadav	Young Scientist	Biochemistry	Science and Engineering Research Board (SERB)	31,00,000/-
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Activities conducted by Research Section:

S. No.	Title	Resource Persons	Conference/Workshop	Date
1.	Workshops on Manuscript Writing & Publication Ethics and Research Methodology.	Dr. Arun Chaturvedi, Prof & Head Surgical Oncology, King George's Medical University, Lucknow Dr. David Rew, Consultant General Surgeon University Hospital Southampton Dr. Praveen Sharma Dean (Research), AIIMS, Jodhpur Dr. Pankaj Bhardwaj Sub-Dean (Research) AIIMS, Jodhpur Dr. Jay Karan Charan AIIMS, Jodhpur Dr Tanuj Kanchan AIIMS, Jodhpur Dr Naresh Nebhinani AIIMS, Jodhpur	National Conference of Indian Association of Surgical Oncology NATCON-IASO 2016, AIIMS, Jodhpur	20 th – 21 st September 2016
2.	Introductory Course on "Evidence Based Medicine" for in-house faculty members	Research Section Faculty AIIMS, Jodhpur	AIIMS Jodhpur	09 th to 14 th May, 2016 & 16 th to 17 th May, 2016
3.	Workshop on how to Write a Scientific Manuscript: Authors' Training for teaching faculties	Dr. Praveen Sharma Dean (Research) Dr. Pankaj Bhardwaj Sub-Dean (Research) Dr. Jay Karan Charan Assistant Dean (Research)	Khesar Gyalpo University of Medical Sciences, Bhutan	29 – 31st March, 2017



Prof. Arun Chaturvedi delivering a talk



Interaction with audience



Dr David Rew addressing the participants



Dr Pankaj Bhardwaj interacting with the participants



Prof. Praveen Sharma during the Inauguration of workshop in Bhutan



Prof. Tashi Tenzin, Dean, Medical College Bhutan during the Inauguration



Participants Receiving Certificates from Prof Praveen Sharma



Participants and Facilitators at the end of workshop in Bhutan

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 and Head, Department of Biochemistry, the 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, Associate Professor, Department of Physiology as the Member Secretary. Drug Trial Sub-committee comprised of 5 members with Dr. Sneha Ambwani, Professor and Head, Department of Pharmacology as its Chairperson and Dr. Pramod Sharma, Associate Professor of Pharmacology 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. A M Singhvi (Member)
- vii) Dr. Surajit Ghatak (Member)
- viii) Dr. Vijay Laxmi Nag (Member)
- ix) Dr. Sneha Ambwani (Member)
- x) Dr. Kuldeep Singh (Member)
- xi) Dr. Pratibha Singh (Member)
- xii) Dr. Pramod Sharma (Member)
- xiii) Dr. Abhinav Dixit (Member)
- xiv) Dr. Abhay Elhence (Member)
- xv) 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. Pramod Sharma (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.

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

7th Meeting of Institutional Ethics committee held on 06th May, 2016

18 Projects approved by Institutional Ethics Committee:-

S/No	Project No.	Name of Principal Investigator	Designation	Department	Name of Project Title	Project
1	AIIMS/IEC /2016/158	Dr. Surjit Singh	Assistant Professor	Pharmacology	Knowledge, awareness and practice of ethics among doctors in tertiary care hospital	Non-Funded
2	AIIMS/IEC /2016/159	Dr. Surjit Singh	Assistant Professor	Pharmacology	"A cross sectional survey of knowledge, attitude and practice of clinical research principals among doctors in tertiary care hospital"	Non-Funded
3	AIIMS/IEC /2016/160	Dr. Naresh Nebhinani	Assistant Professor	Psychiatry	"A multicentric study under the aegis of Indian association for geriatric mental health"	Non-Funded
4	AIIMS/IEC /2016/161	Dr. Sneha Ambwani	Professor & Head	Pharmacology	"Impact of integrated teaching sessions for comprehensive learning & Rational Pharmacotherapeutics on medical undergraduates"	Non-Funded

5	AIIMS/IEC /2016/164	Ashok Kumar	Assistant Professor	Nursing College	Stress and coping strategies among Nursing students	Non-Funded
6	AIIMS/IEC /2016/165	Ashok Kumar	Assistant Professor	Nursing College	Nursing as career: Motivating factors for Nursing students	Non-Funded
7	AIIMS/IEC /2016/166	Dr. Pradeep Bhatia	Professor & Head	Anaesthesiology	Comparison of nebulized vs intranasal dexmedetomidine for premedication in pediatric patients. A randomized controlled trial	Non-Funded
8	AIIMS/IEC /2016/167	Dr. Pradeep Bhatia	Professor & Head	Anaesthesiology	Subcostal transversus abdominis plexus block for surgical anesthesia: a case series	Non-Funded
9	AIIMS/IEC /2016/168	Dr. Divesh Jalan	Assistant Professor	Orthopaedics	Perception of school authorities in Jodhpur towards Inclusion Education System for differently abled children	Non-Funded
10	AIIMS/IEC /2016/169	Dr. Divesh Jalan	Assistant Professor	Orthopaedics	Impact of physical disability on English alphabet formation skills in children from 7 years to 14 years of age and its comparison with normal population	Non-Funded
11	AIIMS/IEC /2016/170	Dr. Abhay Elhence	Associate Professor	Orthopaedics	Effectiveness of Institutional based goal oriented rehabilitation in children with development delay disorders	Non-Funded
12	AIIMS/IEC /2016/177	Dr. Pankaj Bhardwaj	Assistant Professor	CM&FM	A study to assess the Locomotor Disability in rural areas of Jodhpur	Non-Funded
13	AIIMS/IEC /2016/171	Dr. Pushpender Khera	Assistant Professor	Radio diagnosis	Effect of Impar Ganglion block in chronic coccydynia	Non-Funded
14	AIIMS/IEC /2016/172	Dr. Pushpender Khera	Assistant Professor	Radio diagnosis	A survey of knowledge and awareness about interventional radiologic	Non-Funded

					procedures among medical students	
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15	AIIMS/IEC /2016/173	Dr. Archana Bajpayee	Assistant Professor	Blood Bank & Transfusion Medicine	Comparative treatment Efficacy of Platelet Rich Plasma Vs Phonophoresis and tapping in patients with chronic planter fasciitis	Non-Funded
16	AIIMS/IEC /2016/174	Dr. Saptarshi Mandal	Assistant Professor	Transfusion Medicine & Blood Bank	Proof of principle for novel testing platform development for platelet Function Testing	Non-Funded
17	AIIMS/IEC /2016/175	Dr. Sneha Ambwani	Professor & Head	Pharmacology	Health implications of chronic cannabis use	Non-Funded
18	AIIMS/IEC /2016/176	Dr. Sneha Ambwani	Professor & Head	Pharmacology	A Study on Prescribing Pattern of Drugs in Geriatrics Population Using Beers Criteria at a Tertiary Care Teaching Hospital	Non-Funded

8th Meeting of Institutional Ethics committee held on 19th August, 2016

20 Projects approved by Institutional Ethics Committee:-

S/No	Project No.	Name of Principal Investigator	Designation	Department	Name of Project Title	Project
1	AIIMS/IEC/2016/178	1. Dr. Shailendra Dwivedi	Post-Doctoral Fellow/Scientist	Biochemistry	Evaluation of the Dynamics of Breast Cancer Stem cells with Oncogenic miRNAs (miR-10a&b, miR-21, and miR-17), Tumor suppressor miRNAs (miR-200a &b, miR-205 and miR-145) and their significance in development, progression and metastasis of breast cancer.	Extramural Project
2	AIIMS/IEC/2016/179	Dr. Sushmita Jha	Professor & Head	Biology, IIT, Jodhpur	The role of inflammasome forming NLRs in glioma angiogenesis	Extramural Project

3	AIIMS/ EC/201 6/182	Dr. Pankaj Bhardwaj	Associate Professor	Community Medicine & Family Medicine	Low Birth weight in new born and anaemia in pregnancy in Fluoride endemic areas of Western Rajasthan	Extramural Project
4	AIIMS/ EC/201 6/196	Dr. Pankaja R Raghav	Professor & Head	Community Medicine & Family Medicine	Piloting of the National NCD Monitoring Survey-A four site study	Extramural Project
5	AIIMS/ EC/201 6/193	Dr. Tanuj Kanchan	Associate Professor	Forensic Medicine& Toxicology	Reconstruction of stature from lengths of different segments of vertebral column in Northn Western India Population	Extramural Project
6	AIIMS/ EC/201 6/180	Dr. Pushpinder S. Khera	Associate Professor	Radio Diagnosis	Integrated management of adhesive capsulitis (USG guided suprascapular nerve block combined with continuous passive motion CPM)	Non- Funded
7	AIIMS/ EC/201 6/184	Dr. Dushyant Agrawal	Assistant Professor	Anatomy	Improvement of knowledge of Human Anatomy in 1st Year medical students by 3-D software based teaching	Non- Funded
8	AIIMS/ EC/201 6/185	Dr. Ashok Kumar	Assistant Professor	Nursing	Simulation Based Learning: Satisfaction and Self- Confidence among Nursing students	Non- Funded
9	AIIMS/ EC/201 6/186	Dr. Abhishek Bhardwaj	Associate Professor	Dermatology	Evaluation of clinico- mycological characteristics of dermatophytosis in Western Rajasthan	Non- Funded
10	AIIMS/ EC/201 6/189	Dr. Pushpinder S. Khera	Associate Professor	Radiodiagno sis	Evaluation of Serum Cortisol, thyroid profile, quality of life and Anxiety Levels in Myofascial Pain Syndrome	Non- Funded
11	AIIMS/ EC/201 6/190	Dr. Nitesh Gahlot	Assistant Professor	Orthopaedic s	Effectiveness of back school programme in chronic low back pain in different occupational setting at a tertiary care set-up	Non- Funded
12	AIIMS/ EC/201 6/191	Dr. Tanuj Kanchan	Associate Professor	Forensic Medicine& Toxicology	Knowledge and awareness of medical professionals about journal categorization	Non- Funded

13	AIIMS/ EC/201 6/192	Dr. R.S.Shekhaw at	Senior Resident	Forensic Medicine& Toxicology	Views of medical professionals on Euthanasia	Non- Funded
14	AIIMS/ EC/201 6/194	Dr. Tanuj Kanchan	Associate Professor	Forensic Medicine& Toxicology	Developing standards for age estimation based on third molar development	Non- Funded
15	AIIMS/ EC/201 6/195	Dr. Sumit Banerjee	Associate Professor	Orthopaedic s	Study of Functional Recovery in Spinal Cord Injury Patients- Effect of a Rehabilitation program	Non- Funded
16	AIIMS/ EC/201 6/197	Dr. Om Leta Bhagat	Assistant Professor	Physiology	Utilization of "Seismocardiography" for assessment of patients with ischemic cardiomyopathy	Non- Funded
17	AIIMS/ EC/201 6/198	Dr. Pankaj Bhardwaj	Associate Professor	Community Medicine & Family Medicine	Standards for TB Care in india (STCI) guidelines: A cross - sectional study on knowledge, attitude and practices among private practitioners in six cities of india	Non- Funded
18	AIIMS/ EC/201 6/199	Dr. Ramkaran Chaudhary	Assistant Professor	General Surgery	The study of anatomical variations during axillary	Non- Funded
19	AIIMS/ EC/201 6/200	Dr. Saurabh Singh	Assistant Professor	Dermatology	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	Non- Funded
20	AIIMS/ EC/201 6/201	Dr. Om Leta Bhagat	Assistant Professor	Physiology	Effect of Valsalva Manoeuvre on conduction of cardiac impulse	Non- Funded

9th Meeting of Institutional Ethics committee held on 20th January, 2017

46 Projects approved by Institutional Ethics Committee:-

S/No	Project No.	Name of Principal Investigator	Designation	Department	Name of Project Title	Project
1	AIIMS/IE C/2016/205	Dr. Sneha Ambwani	Professor & Head	Pharmacology	"Study of vitamin D level and cardiometabolic abnormalities in patients with schizophrenia and bipolar disorders"	Intramural

2	AIIMS/IE C/2016/206	Dr. Anuradha Sharma	Associate Professor	Microbiology	"Trend of laboratory confirmed cases of Diphtheria"	Intramural
3	AIIMS/IE C/2016/207	Dr. Shailja Chambial	Assistant Professor	Biochemistry	"Pilot study of DMT-1 and Metallothionein 2A polymorphism in lead exposed workers"	Intramural
4	AIIMS/IE C/2016/208	Dr. Abhay Elhence	Professor & Head	Orthopaedics	"Determination of Vitamin D reference level in Healthy Population in Rural Rajasthan"	Intramural
5	AIIMS/IE C/2016/209	Dr. Surjit Singh	Assistant Professor	Pharmacology	"Determination of Vitamin D reference level in Healthy Population in Urban Rajasthan"	Intramural
6	AIIMS/IE C/2016/210	Dr. Pradeep Dwivedi	Assistant Professor	Pharmacology	"Correlation of circulating endothelial progenitor cells with endothelial function in cases with metabolic syndrome"	Intramural
7	AIIMS/IE C/2016/211	Dr. Pramod Kumar Sharma	Associate Professor	Pharmacology	"Prevalence of nasal carriage of Staphylococcus aureus and their antimicrobial susceptibility profile in patients undergoing the elective surgical procedure in a tertiary care hospital"	Intramural
8	AIIMS/IE C/2016/212	Dr. Naresh Nebhinani	Associate Professor	Psychiatry	" Association of Single nucleotide polymorphisms in DNA Repair Gene (XRCC1) (Arg399Gln;rs25487) and SNAP25 (rs3746544) patients with Schizophrenia in North Indian population"	Intramural

9	AIIMS/IE C/2016/2 14	Dr. Mahaveer Singh Rodha	Assistant Professor	Trauma and Surgery	"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"	Intramural
10	AIIMS/IE C/2016/2 15	Dr. Surender Deora	Assistant Professor	Cardiology	"Evaluation of Electrocardiographic Tp-e and Tp-e/QT ratio and serum biomarkers Tn-I and NT-proBNP in patients with hypertrophic cardiomyopathy"	Intramural
11	AIIMS/IE C/2016/2 16	Dr. Ravindra Kumar G. Shukla	Assistant Professor	Endocrinology & Metabolism	"Role of perforin in metabolic inflammation : A comparison of Type 2 Diabetes Mellitus and Healthy controls"	Intramural
12	AIIMS/IE C/2016/2 17	Dr. Manu Goyal	Assistant Professor	Obstetrics & Gynaecology	"Utility of VEGF and PIGF in prediction of preeclampsia"	Intramural
13	AIIMS/IE C/2016/2 18	Dr. Meenakshi Gothwal	Assistant Professor	Obstetrics & Gynaecology	"Role of cervical cancer biomarkers in triaging abnormal cervical cytological smears"	Intramural
14	AIIMS/IE C/2016/2 19	Dr. Garima Yadav	Assistant Professor	Obstetrics & Gynaecology	"Detection of nerve fibers in the eutopic endometrium of patients with endometriosis, uterine fibroids and adenomyosis"	Intramural
15	AIIMS/IE C/2016/2 20	Dr. Nitin Kumar Bajpai	Assistant Professor	Nephrology	"Correlation of NGAL with degree of albuminuria in patients of type 2 Diabetes Mellitus"	Intramural
16	AIIMS/IE C/2016/2 22	Dr. Kapil Soni	Assistant Professor	ENT	"Comprehensive Analysis of MMP9, MMP13, TIMP1 and p16 Expression in Head and Neck cancer"	Intramural
17	AIIMS/IE C/2016/2 23	Dr. Amit Goyal	Additional Professor	Otorhinolaryn gology	"Characterization of thyroid lesions in Fine needle aspiration cytological (FNAC) specimens using a panel of immunohistochemical markers: a proposal for clinical application"	Intramural

18	AIIMS/IE C/2016/2 24	Dr. Arvind Kumar Morya	Associate Professor	Ophthalmolog y	"To study the changes in intraocular pressure (IOP), retinal ganglion cells thickness and visual field with various common mudras or asana practiced by our population"	Intramural
19	AIIMS/IE C/2016/2 25	Dr. Manoj Kumar Gupta	Assistant Professor	CM&FM	"Validation of color coded rings for cervicograph and knowledge and skill Upgradation of Skilled Birth Attendants (SBAs) for Labor and Delivery Management at Sub District Level in rural Jodhpur"	Intramural

20	AIIMS/IE C/2016/2 27	Dr. Tanuj Kanchan	Associate Professor	Forensic Medicine & Toxicology	"Estimation of sex from dental arch dimensions: An odontometric analysis"	Intramural
21	AIIMS/IE C/2016/2 28	Dr. Poonam Elhence	Additional Professor	Pathology	"Immunohistochemical validation of TLE-1, Nuclear beta-catenin and MIB-1 in soft tissue sarcomas with RT-PCR based correlation of SYT-SSX in cases of Synovial sarcomas"	Intramural
22	AIIMS/IE C/2016/2 29	Dr. Neeti Rustagi	Assistant Professor	CM&FM	"A structured modular intervention for enabling General Practitioners and allied health professionals in providing pre-hospital injury care in Jodhpur: A mixed method study"	Intramural
23	AIIMS/IE C/2016/2 30	Dr. Saurabh Singh	Assistant Professor	Dermatology	"Evaluation of the role of cardiovascular autonomic function and peripheral vascular endothelial function in patients with primary" hyperhidrosis"	Intramural
24	AIIMS/IE C/2016/2 26	Dr. Gopal Krishana Bohra	Assistant Professor	Medicine	"Role of Magnesium in Vitamin D deficiency-An observational study"	Intramural
25	AIIMS/IE C/2016/2 32	Dr. Meenakshi Rao	Assistant Professor	Pathology	"Study of Immunohistochemical expression of GATA3 in	Intramural

					various subtypes of primary and metastatic breast carcinomas"	
26	AIIMS/IE C/2016/2 33	Dr. Aasma Nalwa	Assistant Professor	Pathology	"Co-Chaperone BAG3 Expression in Uterine and Epithelial Ovarian Carcinomas"	Intramural
27	AIIMS/IE C/2016/2 34	Dr. Abhishek Purohit	Assistant Professor	Pathology	"Exploring the β -thalassaemia mutations in Western Rajasthan with clinical expression"	Intramural
28	AIIMS/IE C/2016/2 35	Dr. Puneet Setia	Additional Professor	Forensic Medicine	"Study of diatoms in human cadavers-An autopsy analysis"	Intramural

29	AIIMS/IE C/2016/2 36	Dr. Shilpa Goyal	Associate Professor	Anaesthesiolo gy	"Effect of anaesthetic agents on incidence of emergence delirium in children during recovery from General Anaesthesia"	Intramural
30	AIIMS/IE C/2016/2 37	Dr. Nikhil Kothari	Associate Professor	Anaesthesiolo gy	"Inferior Vena Cava compressibility index as a predictor of hypotension during Spinal Anaesthesia"	Intramural
31	AIIMS/IE C/2016/2 38	Dr. Ankita Chugh	Assistant Professor	Dentistry	"Correlation of miR 155 and miR101 expression with c-fos in patients of Oral submucous fibrosis and Oral squamous cell carcinoma"	Intramural
32	AIIMS/IE C/2016/2 01	Dr. Mahendra Lodha	Assistant Professor	General Surgery	"Study of frequency of Rouviere's Sulcus in our Population"	Non- Funded
33	AIIMS/IE C/2016/2 03	Dr. Kirti Chaudhry	Assistant Professor	Dentistry	"Evaluation of Quality of life in patients with Oral Submucous Fibrosis"	Non- Funded
34	AIIMS/IE C/2016/2 04	Dr. Kirti Chaudhry	Assistant Professor	Dentistry	"Cephalometric Analysis of airway in Obstructive sleep apnoea patients"	Non- Funded
35	AIIMS/IE C/2016/2 21	Dr. Vikram Singh	Assistant Professor	Medicine	"An open labeled, prospective study on efficacy of daily and weekly dose of Vitamin D in Vitamin D deficiency patient at a Tertiary Care Teaching Hospital"	Non- Funded

36	AIIMS/IE C/2016/2 39	Dr. Vivek Manchand a	Associate Professor	Pediatric Surgery	"Comparative evaluation of acceptance and efficacy of single staged vs two staged urethroplasty for proximal hypospadias repair: An observational study"	Non- Funded
37	AIIMS/IE C/2016/2 40	Dr. Kirti Chaudhry	Assistant Professor	Dentistry	"Evaluation the reliability of four dental age estimation methods in North West population of India"	Non- Funded
38	AIIMS/IE C/2016/2 02	Dr. Kuldeep Singh	Professor & Head	Pediatrics	"Hospital based Surveillance to assess the distribution and replacement of serotypes of Streptococcus pneumoniae in the nasopharyngeal swab isolates in children aged 1 month to 59 months presenting with fever, and pneumonia attending select hospital -based sentinel sites across India after the introduction of the Pneumococcal Conjugate Vaccine in the Universal Immunization Programme in India"	Extramural
39	AIIMS/IE C/2016/2 13	Dr. Vijay Lakshmi Nag	Professor & Head	Microbiology	"Capacity Building and Strengthening of Hospital Infection Control to Detect and Prevent Antimicrobial Resistance in India"	ICMR Extramural
40	AIIMS/IE C/2016/2 41	Dr. Ravisekhar Gadepalli	Assistant Professor	Microbiology	"Development and Application of Novel Real-Time Loop mediated Isothermal Amplification for detection and quantification of Hepatitis B viral load"	Extramural
41	AIIMS/IE C/2016/2 42	Dr. Pratibha Singh	Professor & Head	Obstetrics & Gynaecology	" Pre and post treatment symptomatic assessment of patient with STI receiving syndromic treatment"	Non- Funded
42	AIIMS/IE C/2016/2 43	Dr. Pratibha Singh	Professor & Head	Obstetrics & Gynaecology	"Skin preparation for prevntion of surgical site infection after obstetrics and gynecological abdominal surgery, a quality improvement study"	Non- Funded
43	AIIMS/IE C/2016/2 44	Dr. Kuldeep Singh	Professor & Head	Pediatrics	To assess the prevalence of specific micronutrient deficiencies in school going children aged between 6-16 years in ten cities of India"	Extramural

44	AIIMS/IE C/2016/2 45	Dr. Sneha Ambwani	Professor & Head	Pharmacology	"Perceptions of students in different phases of medical educational environment t, using Dundee Ready Education Environment measure (DREEM) inventory"	Non- Funded
45	AIIMS/IE C/2016/2 46	Dr. Bharti Bhandari	Assistant Professor	Physiology	" Students' perception on Modified Jigsaw method; an active way of learning in Physiology"	Non- Funded
46	AIIMS/IE C/2016/2 47	Dr. Kuldeep Singh	Professor & Head	Pediatrics	"To explore utility of digital learning using multimedia and Audience Response System (Clickers) in Medical Education for UG Medical students"	Non- Funded

Nursing College - Student Group Research Project 2017

09 Projects approved by Institutional Ethics Committee on dated 28th Feb, 2017:-

S/No	Project No.	Name of Supervisor	Designation	Name of Project Title	Name of Students
1	AIIMS/IEC/2 017/248	Prof.(Dr.)Ra j Rani	Professor cum Principal	"Assessment of Knowledge and expressed practice regarding menstrual hygiene among adolescent girls in Government Senior secondary School at village Dhawa ,Jodhour"	Aashima, Anita Bishnoi, Anjali Dalal, Anjani Walia Ankita Dewasi, Ashis Rapheal

2	AIIMS/IEC/2 017/249	Mrs.Remiya Mohan	Lecturer	"Knowledge regarding immunization among mothers of under five children"	Ashratjeet Kaur, Athira A., Barkha, Bharti Kachawa, Celina Serto Khamneikim, chandrika
3	AIIMS/IEC/2 017/250	Mr.Aashish Parihar	Lecturer	"Knowledge regarding prevention of needle stick injury among B.Sc.(Hons.) Nursing students at AIIMS Jodhpur"	Deepak Kumari, Divya, Ekta Khilrani, Elizabeth Lupho, Eunice Niangkhanvung, Girija
4	AIIMS/IEC/2 017/251	Mr.Ashok Kumar	Assistant Professor	"Knowledge regarding learning disabilities in children among primary school teachers"	Harmanjot Dhindsa, Hiteshi Borana, Jyoti, Jyoti Jangid, Kavita Gharu, Khawa Sanju Pukhraj

5	AIIMS/IEC/2 017/252	Mrs.Vandan a Pandey	Lecturer	"knowledge regarding blood donation among general population attending PHC of Dhawa .Jodhpur"	Krishna Kumari, Lata Kumari Garg, Mahima Choudhary,, Mamta Rani , Manisha Yadav Mansi Kashyap
6	AIIMS/IEC/2 017/253	Mr.Himansh u Vyas	Lecturer	"Knowledge regarding dengue fever among residents of village Dhawa , Jodhpur"	Mitali Bhati , Neha Sharma, Parmu Kumari, Payal, Pinki Kumari Dodiya, Pooja
7	AIIMS/IEC/2 017/254	Mr.Ashok Kumar	Assistant Professor	"Smart phone addiction and its health impact among B.Sc. (Hons.)Nursing Students "	Pooja, Pooja Devi, Pooja Panwar, Pushpa, Pushpa Choudhary, Raksha Yadav
8	AIIMS/IEC/2 017/255	Prof.(Dr.)Ra j Rani	Professor cum Principal	"Assessment of nutritional status of children (1-5 years) at village Dhawa , Jodhpur,Rajasthan"	Rekha yadav, Ruchika Chhachhiya, Sandeep Kaur,, Sanju Kumari, Santosh Yadav Sarita Soni
9	AIIMS/IEC/2 017/256	Mrs.Mamta	Lecturer	"Knowledge on prevention of breast cancer among females attending OPD of AIIMS , Jodhpur"	Shalini Raj Kumawat, Shivangi Singh, Suman Kukana, Uma Ohri, Uma Phalswal, Vineeta

Examination Cell

The Examination Cell of AIIMS, Jodhpur was established in 2013. The following were the office bearers in year 2016-2017:-

1. Dr. Praveen Sharma - Controller of Examinations
2. Dr. Abhinav Dixit - Vice Dean
3. Dr. Shashank Shekhar - Sub Dean
4. Dr. Puneet Pareek - Sub Dean
5. Dr. Dushyant Agrawal - Assistant Dean
6. Dr. Nishant Chouhan - Assistant Dean
7. Mr. Ashok Kumar - Assistant Dean

The Examination Cell is equipped with the heavy duty photo copy machines, printers and computers for conducting various examinations. The examinations of student at AIIMS, Jodhpur are conducted using non identifiable policy using an online module. The copies of the students are barcoded so as to remove any bias during evaluation. The Examination Cell conducts examinations for student of AIIMS, Jodhpur along with exams for recruitment for various posts at AIIMS, Jodhpur.

List of examinations conducted successfully:

1. Professional/ Yearly Examination

M.B.B.S. Professional Examination

1.	1 st Professional M.B.B.S. Examination (Batch - 2015)	July 2016
2.	1 st Professional M.B.B.S. Supplementary Examination (Batch – 2015)	September 2016
3.	3 rd Professional M.B.B.S. Examination (Batch - 2012)	Nov. –Dec. 2016
4.	2 nd Professional M.B.B.S. Examination (Batch - 2014)	December 2016
5.	3 rd Professional M.B.B.S. Supplementary Examination (Batch - 2012)	Jan. –Feb. 2017
6.	2 nd Professional M.B.B.S. Supplementary Examination (Batch - 2014)	February 2017

B. Sc. (Hons.) Nursing yearly Examination

1.	B. Sc. (Hons.) Nursing 3 rd Year Examinations (Batch-2013)	July 2016
2.	B. Sc. (Hons.) Nursing 2 nd Year Examinations (Batch-2014)	July 2016
3.	B. Sc. (Hons.) Nursing 1 st Year Examinations (Batch-2015)	July 2016
4.	B. Sc. (Hons.) Nursing 2 nd Year Supplementary Examinations (Batch-2014)	September 2016
5.	B. Sc. (Hons.) Nursing 1 st Year Supplementary Examinations (Batch-2015)	September 2016

2. Semester Examination
M.B.B.S. Semester Examination

1.	6 th Semester M.B.B.S. Examination (Batch-2013)	May 2016
2.	4 th Semester M.B.B.S. Examination (Batch-2014)	May 2016
3.	2 nd Semester M.B.B.S. Examination (Batch-2015)	June 2016
4.	8 th Semester M.B.B.S. Examination (Batch-2012)	July 2016
5.	9 th Semester M.B.B.S. Examination (Batch-2012)	November 2016
6.	5 th Semester M.B.B.S. Examination (Batch-2014)	November 2016
7.	3 rd Semester M.B.B.S. Examination (Batch - 2015)	January 2017
8.	1 st Semester M.B.B.S. Examination (Batch - 2016)	January 2017

B. Sc. (Hons.) Nursing Semester Examination

1.	B. Sc. (Hons.) Nursing 6 th Semester Examination (Batch-2013)	May 2016
2.	B. Sc. (Hons.) Nursing 4 th Semester Examination (Batch-2014)	May 2016
3.	B. Sc. (Hons.) Nursing 2 th Semester Examination (Batch-2015)	May 2016
4.	B. Sc. (Hons.) Nursing 7 th Semester Examination (Batch-2013)	December 2016
5.	B. Sc. (Hons.) Nursing 5 th Semester Examination (Batch-2014)	December 2016
6.	B. Sc. (Hons.) Nursing 3 rd Semester Examination (Batch-2015)	December 2016
7.	B. Sc. (Hons.) Nursing 1 st Semester Examination (Batch-2016)	December 2016

3. Recruitment/Entrance Examination

1.	Junior Resident (Dental) written exam	September 2016
2.	Admission for MPH Course Entrance Test	November 2016
3.	Assistant Engineer (Civil) Part A & B written Exam	December 2016
4.	Junior Engineer (Civil) Part A & B written Exam	December 2016
5.	Senior Resident (Orhinolaryngology-ENT) written Exam	January 2017

Departments

Department of Anaesthesiology

S.No.	Name	Designation
1	Dr. Pradeep Bhatia	Professor & Head
2	Dr. Kamal Kishore	Additional Professor
3	Dr. Nikhil Kothari	Associate Professor
4	Dr. Shilpa Goyal	Associate Professor
5	Dr. Manoj Kamal	Associate Professor
6	Dr. Bharat Paliwal	Assistant Professor
7	Dr. Swati Chhabra	Assistant Professor
8	Dr. Sadik Mohammed	Assistant Professor

About The Department:

With the vision of providing anaesthesia, pain management and critical services which are at par with the best in the world, the Department of Anaesthesiology at AIIMS Jodhpur is providing services in OT complex (six operation theatres), five bedded high dependency unit (HDU) and six bedded Intensive Care Unit (ICU). During the said academic year, the services were extended for procedures in DSA room, labour analgesia in labour room and support was provided for angioplasties being done by the cardiologist. In addition, procedures for chronic pain management like epidural steroid injection, nerve root blocks, lumbar sympathectomy, neurolytic block for trigeminal neuralgia were successfully performed. Research projects (including intramural) are being conducted in the department after approval by institutional ethical committee. On the academic front, Journal Clubs are regularly conducted where articles from reputed journal are critically appraised. Around 30 papers were published by the faculty and senior residents of the department during the said academic period. We publish On-Line Journal of Anaesthesiology, Critical Care and Pain: "The Indian Anaesthetists' Forum" Published by Wolters Kluwer India Pvt. Ltd. at <http://www.theiaforum.org> (E – ISSN: 0973-0311). The journal is indexed with DOAJ, EBSCO host, HINARI, NLM catalog and google scholar)

The department is also actively involved in training activities. The department is regularly conducting "AIIMS Jodhpur certified BLS course" for medical and paramedical staff to manage in-hospital cardiac arrest. In addition to AHA BLS guidelines, the course includes the use of bag and mask ventilation, airway insertion, use of adrenaline and pulse oximetry. American Heart Association (AHA) Certified 'BLS and ACLS Provider Course' was conducted twice in this period (in February 2017 and November 2016). A nurses training program on oral care and ventilator associated pneumonia (VAP) prevention was conducted in

association with ISCCM city branch on 10th February 2017. Vertebroplasty Workshop was conducted on 14th October 2016.

In addition to the clinical, academic and training activities, we are working for forthcoming zonal and state conference and workshops.

Eminent Visitors: Dr. Pankaj N. Surange; Director of Interventional pain and spine center, Delhi.

Name of Faculty: Dr. Pradeep Bhatia

Designation: Professor & Head

Publications:

Pubmed:

1. Sethi P, Choudhary D, **Bhatia P**, Bihani P. Perioperative steroid supplementation: Controversies continues!! Saudi J Anaesth 2017;11:249-50
2. Bihani P, **Bhatia P**, Chhabra S, Gangwar P. Can ultrasound-guided subcostal transverse abdominis plane block be used as sole anesthetic technique? Saudi J Anaesth 2017;11:111-3
3. Mohammed S, **Bhatia PK**, Bhardwaj P, Kishore K. Comments: Ultrasound measurement of inferior vena cava collapse predicts propofol-induced hypotension. Am J Emerg Med. 2017; (35) : 509. (doi 10.1016/j.ajem.2016.11.025)
4. Ravindra Singh Chouhan, Deepak Choudhary, **Pradeep Kumar Bhatia**, Anita Saran and Priyanka Sethi. Dual Use of Fiberoptic Bronchoscope in TracheoEsophageal Fistula. Journal of the College of Physicians and Surgeons Pakistan 2016, 26 (12): 1000
5. Shilpi Verma, **Pradeep Kumar Bhatia**, Vandana Sharma, Priyanka Sethi and Yogendra Raj Singh. G6PD Deficiency with Arnold-Chiari Malformation. Journal of the College of Physicians and Surgeons Pakistan 2016, 26 (11): 931-933
6. Pooja Bihani, Ghansham Biyani, **Pradeep Kumar Bhatia**, Sadik Mohammed. Can Dexmedetomidine be used as Sole Maintenance Anesthetic Agent at Standard Sedative Doses? J Anaesthesiol Clin Pharmacol DOI: 10.4103/0970-9185.168259
7. **Bhatia PK**, Biyani G, Mohammed S, Sethi P, Bihani P. Acute respiratory failure and mechanical ventilation in pregnant patient: A narrative review of literature. J Anaesthesiol Clin Pharmacol 2016;32:431-9
8. Bihani P, Choudhary D, **Bhatia PK**, Mohammed S. Halothane: I am still there. Indian J Anaesth 2016;60:965-6
9. Sethi P, **Bhatia P K**, Gupta N, Singh K. Multiple pterygium syndrome: Challenge for anesthesiologist. Saudi J Anaesth 2016;10:350-2
10. Paliwal B, **Bhatia P**, Kothari N, Mohammed S. Aseptic handling of ultrasound probe: An easy solution. Indian J Crit Care Med 2016;20:554-5
11. Verma S, **Bhatia P K**, Sharma V, Sethi P. Inadvertent intrathecal injection of labetalol. Saudi J Anaesth 2016;10:345-6

Non-Pubmed:

1. Paliwal B, **Bhatia P**, Verma S, Kamal M. Is it time for yet another new safety feature in workstations. Indian Anaesth Forum 2016;17:66-7
2. Sethi P, **Bhatia P**, Gupta N, Biyani G, Verma S. Liver biopsy: Small procedure with large complications. Anaesth Pain & Intensive Care 2016;20(1):111-112
3. **Bhatia PK**. The journal in a new avatar (Editorial). Indian Anaesth Forum 2016;17:1-2
4. Choudhary D, Biyani G, **Bhatia PK**, Kothari N. Anesthetic management of a child with autistic spectrum disorder and homocysteinemia. Indian Anaesth Forum 2016;17:29-31
5. Choudhary D, Suthar OP, **Bhatia PK**, Biyani G. "Zero" diastolic blood pressure. Indian Anaesth Forum 2016;17:32-3
6. Dr. Manoj Kamal, Dr. Geeta Singariya, Dr. Kamlesh Kumari, Dr. Monika Gupta, Dr. Bharat Paliwal, **Dr. Pradeep Bhatia**. Comparative evaluation of efficacy, hemodynamic stability and recovery during conscious sedation with Dexmedetomidine or Propofol in cardiac catheterization laboratory. International organization of scientific research (IOSR)2017;16(3),83-87.

Books/Chapters

1. **Pradeep Bhatia**. Perioperative Anaphylaxis. In "Yearbook of Anaesthesiology-6" Raminder Sehgal, Anjan Trikha (Editors) 1st Edition, Jaypee Brothers Medical Publishers (P) Ltd. New Delhi 2017: 121-130
2. **Pradeep Bhatia**. Coagulopathy in Trauma: Pathophysiology and its Management. In "Essentials of Trauma Anaesthesia" Babita Gupta (Editor). Peepee Publishers, New Delhi. 2016: 170-186

Sessions Chaired:

1. During 37th Annual Conference of National Medicos Organization 11th February, 2017, AIIMS Jodhpur
2. At ISACON Rajasthan 2016 on 3rd September, 2016 at Kota.
3. During IEA and IPHA Rajasthan state chapter CME on World Health Day on Diabetes at AIIMS, Jodhpur on 7th April 2016.

Invited Lectures

1. "Usefulness of Trans pulmonary Pressure" at 12th SAARC AA Conference & 33rd Annual Academic Congress 2017 of the College of Anaesthesiologists & Intensivists of Sri Lanka on 25th-26th February, 2017 at Colombo (Approved by the Royal College of Anaesthesiologists for 12 CPD Credits and by the National Centre for CPD in Medicine, Sri Lanka for 12 Credit hours)

2. "Perioperative management of geriatric patients" at 23rd Annual Conference of ISCCM 2017 on 4th February, 2017, at Kochi
3. "Ketamine and phencyclidine: the good, the bad and the unexpected" at 64th ISACON 2016, on 27th November 2016 at Ludhiana
4. "Ethics and Medical Research" at ISACON Rajasthan 2016 on 3rd September, 2016 at Kota. 5 Credit Points

Research Projects:

Ongoing:

➤ As Principal Investigator:

- i. Subcostal Transverses Abdominis Plane Block for surgical Anaesthesia: A Case Series
- ii. Comparison of nebulized vs intranasal dexmedetomidine for premedication in pediatric patients. A randomized controlled trial

➤ As Co-Investigator

- i. Effect of anaesthetic agents on incidence of emergence delirium in children during recovery from General Anaesthesia"- Funding Agency- AIIMS Jodhpur
- ii. Can Inferior Vena Cava compressibility index prevent undue co-loading with fluids during spinal anaesthesia- Funding Agency- AIIMS Jodhpur.

Examinerships:

1. MD Exams at Dr. SN Medical College, Jodhpur, 7th January 2017
2. MD Exams at AIIMS, New Delhi 14-15 December, 2016
3. MD Exams at Dr. SN Medical College, Jodhpur, June 2016

Membership/ Post in Journal or Society or Association:

1. Continued as Editor in Chief "The Indian Anaesthetists' Forum"
2. Chairman, Indian Society of Critical Care Medicine, Jodhpur City Branch
3. Vice President Indian Society of Anaesthesiologists, Jodhpur City Branch
4. Editor, Critical Care Communications, A Bi-Monthly Newsletter of Indian Society of Critical Care Medicine From January 2017
5. Member, Indian Association of Paediatric Anaesthesiologists

National/ International Conferences attended:

1. 12th SAARC AA Conference & 33rd Annual Academic Congress 2017 of the College of Anaesthesiologists & Intensivists of Sri Lanka (Approved by the Royal College of Anaesthesiologists for 12 CPD Credits and by the National Centre for CPD in Medicine Sri Lanka for 12 Credit hours), Colombo, Sri Lanka 25th-26th February, 2017

2. 37th Annual Conference of National Medicos Organization 11th February, 2017
3. 23rd Annual Conference of ISCCM 2017 at Kochi, 4th February
4. 64th ISACON 2016, Ludhiana 27th November, 2016
5. Manuscript Writing & Publication Ethics and Research Methodology at AIIMS Jodhpur 20-21 September, 2016
6. ISACON Rajasthan 2016 at Kota on 3rd September, 2016.
7. Introduction to Cochrane Systemic Reviews and Meta-analysis at AIIMS Jodhpur 20th August, 2016
8. IEA and IPHA Rajasthan state chapter CME on World Health Day on Diabetes at AIIMS, Jodhpur 7th April 2016

Name of Faculty: Dr. Nikhil Kothari

Designation: Associate Professor

Publications:

Pubmed:

1. Shilpi Verma, Vandana Sharma, Pradeep K. Bhatia, **Nikhil Kothari**. Anaesthetic management of a child with cystinosis. Egyptian Journal of Anaesthesia 2017.<http://dx.doi.org/10.1016/j.egja.2017.01.005>.
2. Pooja Bihani, Deepak Chaudhary, **Nikhil Kothari**, Shilpa Goyal: Screening ultrasound: A valuable tool to detect central venous thrombosis in a patient with multiple previous cannulation attempts. Saudi Journal of Anaesthesia 2017;11 (2):241-42.
3. Bharat Paliwal, Pradeep Bhatia, **Nikhil Kothari**, Sadik Mohammed. Aseptic handling of ultrasound probe: An easy solution. Indian Journal of Critical Care Medicine 2016.20(9):554-55.

Books/Chapters:

1. **Kothari N**. VAP prevention in ICU patients. Manual of Nursing Critical Care by Dr.Manish Munjal, Jigyasa Foundation, Jaipur, in press.
2. **Kothari N**, Goyal S. Approach to a case of tuberculosis for Video Assisted Thoracoscopic Surgery using one lung ventilation. Sahu S (1st ed). Manual of Clinics in Anaesthesiology. In Press.
3. Goyal S, **Kothari N**. Approach (anaesthetic management) to case of 40 years female hypertensive lady with CSOM. Sahu S (1st ed). Manual of Clinics in Anaesthesiology. In Press.
4. Goyal S, **Kothari N**. Anaesthetic management of a 5 years male child with chronic tonsillitis for tonsillectomy: Sahu S (1st ed). Manual of Clinics in Anaesthesiology. In Press.

Invited Lectures:

1. Bundles in ICU-What to follow in ICACON Shillong 2016 from 30th September – 2nd October 2016, NEIGHRIHMS, Shillong.
2. ABG analysis and interpretation in ICACON Shillong 2016 from 30th September – 2nd October 2016, NEIGHRIHMS, Shillong.
3. Basics of Mechanical Ventilation in The Jaipur Ventilation Workshop conducted by ACE Forum, Jaipur on 24th & 25th September 2016.
4. Carried out the AHA certified BLS and ACLS course in November 2016 and February 2017 as Faculty in AIIMS Jodhpur.

Resource Faculty:

1. Medical Device Innovation Conclave (MEDIC) 2016 at VNIT Nagpur from 19th to 23th September 2016.

Research Projects:

Ongoing:

➤ **As Principal Investigator:**

1. Continuous Fascia Iliaca Compartment Block for postoperative pain relief in above knee surgeries- Funding Agency- AIIMS Jodhpur.
2. Can Inferior Vena Cava compressibility index prevent undue co-loading with fluids during spinal anaesthesia- Funding Agency- AIIMS Jodhpur.

➤ **As Co-Investigator:**

1. Effect of anaesthetic agents on incidence of emergence delirium in children during recovery from General Anaesthesia”- Funding Agency- AIIMS Jodhpur

Completed:

➤ **As Co-Investigator:**

1. Role of neuromuscular monitoring for the judicious use of neuromuscular blockers and the reversal agents- Funding Agency- AIIMS Jodhpur

Membership/ Post in Journal or Society or Association :

1. Editorial Member; The online Journal- The Indian Anaesthetist’s Forum
2. Secretary ISCCM, Jodhpur City Branch

National/ International Conferences attended:

1. Attended and successfully completed AHA certified BLS and ACLS Instructor Course in August 2016

Name of Faculty: Dr. Shilpa Goyal

Designation: Associate Professor

Publications:

1. **Pubmed:** Pooja Bihani, Deepak Chaudhary, Nikhil Kothari, **Shilpa Goyal:** Screening ultrasound: A valuable tool to detect central venous thrombosis in a patient with multiple previous cannulation attempts. Saudi Journal of Anaesthesia 2017 Apr-Jun, Volume 11, Issue 2.

Books/Chapters:

1. **Goyal S**, Kothari N. Approach (anaesthetic management) to case of 40 years female hypertensive lady with CSOM. Sahu S (1st ed). Manual of Clinics in Anaesthesiology. In Press.
2. **Goyal S**, Kothari N. Anaesthetic management of a 5 years male child with chronic tonsillitis for tonsillectomy: Sahu S (1st ed). Manual of Clinics in Anaesthesiology. In Press.
3. Kothari N, **Goyal S**. Approach to a case of tuberculosis for Video Assisted Thoracoscopic Surgery using one lung ventilation. Sahu S (1st ed). Manual of Clinics in Anaesthesiology. In Press.

Invited Lectures:

1. "Management of Intraoperative Bronchospasm" and Faculty for "Difficult Airway Workshop" in ICACON Shillong 2016 from 30th September – 2nd October 2016, NEIGHRIHMS, Shillong.
2. Carried out the AHA certified BLS and ACLS course in November 2016 and February 2017 as Faculty in AIIMS Jodhpur.

Research Projects:

Ongoing:

➤ **As Principal Investigator:**

1. "Effect of anaesthetic agents on incidence of emergence delirium in children during recovery from General Anaesthesia"- Funding Agency- AIIMS Jodhpur

➤ **As Co-Investigator:**

1. Continuous Fascia Iliaca Compartment Block for postoperative pain relief in above knee surgeries- Funding Agency- AIIMS Jodhpur
2. Can Inferior Vena Cava compressibility index prevent undue co-loading with fluids during spinal anaesthesia- Funding Agency- AIIMS Jodhpur

Completed:

➤ **As Principal Investigator:**

1. "Role of neuromuscular monitoring for the judicious use of neuromuscular blockers and the reversal agents"- Funding Agency- AIIMS Jodhpur

Membership/ Post in Journal or Society or Association:

1. Editorial Member; The online Journal- The Indian Anaesthetist's Forum
2. Executive Member Council; ISSCCM, Jodhpur City Branch

National/ International Conferences attended:

1. Attended and successfully completed AHA certified BLS and ACLS Instructor Course in August 2016

Name of Faculty: Dr. Manoj Kamal

Designation: Associate Professor

Publications:

Pubmed:

1. Bharat Paliwal, **Manoj Kamal**, Dilip Singh Chauhan, Anamika Purohit. Off pump awake CABG under high thoracic epidural anaesthesia and femoral block. JOACP2016;32(2):261-62.
2. **Kamal Manoj**, Mohammed sadik, Meena Saroj, Singariya Geeta, Chauhan Dilip Singh. Efficacy of dexmedetomidine as an adjuvant to ropivacaine in paediatric caudal epidural block. Saudi journal of Anaesthesia2016;10:384-89.

Non-Pubmed:

1. Bharat Paliwal, Pradeep Bhatia, Shilpi Verma, **Manoj Kamal**. Is it time for yet another new safety feature in workstation? Indian Anaesthetic Forum 2016;17:66-67.
2. Babita, Rakesh Kumar, Bhupendra Singh, **Manoj Kamal**. Failed Weaning due to acquired tracheo-oesophageal fistula and tracheal stenosis: A case report. Research and Opinion In Anaesthesia And Intensive Care2016;3:86-88.
3. Vibha Rani Pipal, Rajendra Pipal, Dharmendra Pipal, Semma Yadav, **Manoj Kamal**, Geeta Singariya. Seroprevalence of chlamydia trachomatis infection among pregnant women and their outcome. Int J Reprod Contracept Obstet Gynecol.2017;6:1016-20.
4. **Dr. Manoj Kamal**, Dr. Geeta Singariya, Dr. Bharath Srinivasan, Dr. Rakesh Kumar. Brain abscess drainage under scalp block in DORV patient. International Journal of Research & Review 2017;4(3);22-25.

5. **Dr. Manoj Kamal**, Dr. Geeta Singariya, Dr. Kamlesh Kumari, Dr. Monika Gupta, Dr. Bharat Paliwal, Dr. Pradeep Bhatia. Comparative evaluation of efficacy, hemodynamic stability and recovery during conscious sedation with Dexmedetomidine or Propofol in cardiac catheterization laboratory. International organization of scientific research(IOSR)2017;16(3),83-87.

Sessions Chaired:

1. ISSPCON2016, 3rd -5th Feb 2017, Birla Auditorium, Jaipur

Invited Lectures:

1. Nutrition in Critical Care Patient, ISACON RAJASTHAN 2016, Kota Medical College, Kota, 2nd and 3rd September 2016.
2. Broken Heart Syndrome: Is it Real? ISA2016, Ludhiana, 26th -29th November 2016.

Membership/ Post in Journal or Society or Association:

1. Editorial Board Member in "The Indian Anaesthetic Forum"
2. Executive Member of West Zone ISA
3. Executive member of City Branch ISCCM Jodhpur

National/ International Conferences attended:

1. ISACON RAJASTHAN, Kota, 1 & 2nd Sep 2016
2. ISACON WEST ZONE2016, Bhavnagar, 23rd-25th Sep 2016
3. International Conference of Regional Anaesthesia, Kolkata, 26th & 27th August 2016
4. ISACON 2016, organized by Indian Society of Anaesthesiologist, Ludhiana, 26th -30th Nov 2016
5. ISSPCON 2017, Organized by Indian Society of Pain, Birla Auditorium, Jaipur, 3-5th Feb 2017

Workshop Attended:

1. Critical care Infection disease course conducted by IDCC.
2. Annual Intensive Care Review Course, Best of Brussels, Pune, 3-5 July 2016.
3. Ultrasound Life Support- Basic Level 1 Provider Workshop, Best of Brussels, Pune, 6-7 July2016.
4. Workshop on USG Guided Interventions, ICRA, Kolkata, 25th Aug. 2016
5. Workshop on Advanced Pain Procedures, ICRA, Kolkata, 28th Aug. 2016
6. Introduction to Cochrane Systematic Reviews and Meta- Analysis, AIIMS, Jodhpur, 20th August 2016
7. Regional Anaesthesia and Pain Management Workshop, 6th -17th feb.2017, Daradia Pain foundation, Kolkata

Name of Faculty: Dr. Bharat Paliwal

Designation: Assistant Professor

Publications:

Pubmed:

1. **Paliwal B**, Kamal M, Chauhan DS, Purohit A. Off-pump awake coronary artery. bypass grafting under high thoracic epidural anesthesia. J Anaesthesiol Clin Pharmacol. 2016 Apr-Jun;32:261-2.
2. **Paliwal B**, Bhatia P, Kothari N, Mohammed S. Aseptic handling of ultrasound probe: An easy solution. Indian J Crit Care Med. 2016 Sep;20:554-5.
3. **Paliwal B**, Sethi P, Kishore K, Purohit A. Missing Catheter tip: The Ghost fragment. Anesth Analg. 2017;124:1009-10.

Non-Pubmed:

1. **Paliwal B**, Bhatia P, Verma S, Kamal M. Is it time for yet another new safety feature. in workstations? Indian Anaesth Forum 2016 Dec;17:66-7.
2. Kamal K, Jaju P B, Jaju R, **Paliwal B**. Incidental laryngeal web: Look before you leap. Indian Anaesth Forum 2016 Dec;17:68-9.
3. Kamal M, Singariya G, Kamlesh K, Gupta M, **Paliwal B**, Bhatia P. Comparative evaluation of efficacy, hemodynamic stability and recovery during conscious sedation with dexmedetomidine or propofol in cardiac catheterization laboratory. International organization of scientific research (IOSR)2017;16,83-87.
4. **Paliwal B**, Bhatia P, Bihani P, Saran A. Airway management of a child with temporomandibular joint ankylosis and obstructive sleep apnea. Indian Anaesth Forum Accepted January 8, 2017

E-Poster Presented: -

1. **Bharat Paliwal**, Pradeep Bhatia. Airway management of a child with temporomandibular joint ankylosis and obstructive sleep apnea. 12th SAARC AA Congress & The 33rd Annual Academic Congress; 25th-26th Feb 2017, Colombo, Sri Lanka.

Scientific Awards/Patents:

1. 1st- Prize, Rathnasabapathy Sashidaran Poster Competition. Awarded by College of Anaesthesiologist & Intensivists, Sri Lanka at the 12th SAARC AA Congress & The 33rd Annual Academic Congress, Colombo, 25th-26th Feb 2017.

Membership/ Post in Journal or Society or Association

1. Editorial Board Member in “The Indian Anaesthetic Forum”
2. Life Member Indian Society of Anaesthesiologist (ISA).
3. Member Scientific committee, City Branch ISA Jodhpur (since 2016).
4. Life Member Indian Society of Critical Care Medicine (ISCCM).
5. Executive member of City Branch ISCCM Jodhpur.
6. Life Member of Indian Society for Study of Pain.

National/ International Conferences attended:

1. 12th SAARC AA Congress & 33rd Annual Academic Congress, Colombo, Srilanka, 25th & 26th February 2017.
2. International Conference of Regional Anaesthesia, Kolkata, 26th & 27th August 2016.
3. ISSPCON 2017, Organized by Indian Society of Pain, Birla Auditorium, Jaipur, 3-5th Feb 2017

Workshops/ Conferences attended:

1. Critical care Infection disease course conducted by IDCC.
2. Annual Intensive Care Review Course, Best of Brussels, Pune, 3-5 July 2016.
3. Ultrasound Life Support- Basic Level 1 Provider Workshop, Best of Brussels, Pune, 6-7 July 2016.
4. Workshop on USG Guided Interventions, ICRA, Kolkata, 25th Aug. 2016
5. Workshop on Advanced Pain Procedures, ICRA, Kolkata, 28th Aug. 2016
6. Introduction to Cochrane Systematic Reviews and Meta- Analysis, AIIMS, Jodhpur, 20th Aug. 2016
7. Regional Anaesthesia and Pain Management Workshop, 6th -17th Feb.2017, Daradia Pain foundation, Kolkata.
8. BLS and ACLS provider course on 11th-13th November 2016, AIIMS, Jodhpur
9. Manuscript writing & publication ethics and research methodology on 20-21 Sep;2016.AIIMS Jodhpur.

Name of Faculty: Dr. Swati Chhabra

Designation: Assistant Professor

Publications:

Pubmed:

1. Bihani P, Bhatia P, **Chhabra S**, Gangwar P. Can ultrasound-guided subcostal transverse abdominis plane block be used as sole anesthetic technique?. Saudi J Anaesth 2017;11:111-3.

2. Singhal SK, **Chhabra S**. Restoration of 'red plug' to rescue a ProSeal® laryngeal mask airway. Indian J Anaesth. 2016;60:297-8

Non-Pubmed:

1. **Chhabra S**, Tiwari D, Gehlaut P, Bhardwaj V. Antiphospholipid Antibody Syndrome Complicating Pregnancy: Anaesthetic Management for Caesarean Delivery. Ann. Int. Med. Den. Res. 2016;2(2):14-5.
2. Geeta Ahlawat, Savita Saini, **Swati Chhabra**, Amita Singh, Kirti Kshetrapal and Jaswant Singh. Dexmedetomidine: A Saviour in a Child with Hand Schuller Christian Disease for MRI. J Anesth Clin Res 2016; 7:11.

Books/Chapters

1. Naveen Malhotra, **Swati Chhabra**, Chhavi Manchanda. Burns: Resuscitation and Anesthetic Management. In: Essentials of Trauma Anesthesia and Intensive Care, Babita Gupta, 1st edition, New Delhi, Peepee Publishers 2016: Chapter 21.

National/ International Conferences attended:

1. American Heart Association (AHA) Certified BLS and ACLS Provider Course. Department of Anaesthesiology. AIIMS Jodhpur. 18 & 19 Feb 2017.

Name of Faculty: Dr. Sadik Mohammed

Designation: Assistant Professor

Publications:

Pubmed:

1. Kamal M, **Mohammed S**, Meena S, Singariya G, Kumar R, Chauhan DS. Efficacy of dexmedetomidine as an adjuvant to ropivacaine in pediatric caudal epidural block. Saudi J Anaesth 2016;10:384-9
2. Srinivasan B, Karnawat R, **Mohammed S**, Choudhary B, Ratnawat A, Kothari S K. Comparison of caudal and intravenous dexamethasone as adjuvants for caudal epidural block: A double blinded randomised controlled trial. Indian J Anaes 2016;60:948-54
3. Jaju R, Jaju PB, Dubey M, **Mohammad S**, Bhargava AK. Comparison of volume controlled ventilation and pressure controlled ventilation in patients undergoing robot-assisted pelvic surgeries: An open-label trial. Indian J Anaesth 2017;61:17-23
4. Bhatia PK, Biyani G, **Mohammed S**, Sethi P. Bihani P. Acute Respiratory failure and Mechanical ventilation during pregnancy: A non-systemic narrative review of literature. J Anaesthesiol Clin Pharmacol 2016;32:431-9

5. Bihani P, Biyani G, Bhatia PK, **Mohammed S**. Can dexmedetomidine be used as sole maintenance anaesthetic agent at standard sedative doses? J Anaesthesiol Clin Pharmacol 2017; Ahead of Print

Non-Pubmed:

1. Choudhary B, Karnawat R, **Mohammed S**, Gupta M, Srinivasan B, Kumar R. Comparison of Endotracheal Intubation through I-gel and Intubating Laryngeal Mask Airway. The Open Anesthesiology Journal **2016**; 10: 18-24
2. Karnawat R, Biyani G, **Mohammed S**, Gupta M, Agarwal M, Soni S. Anesthetic Management of Dextrocardia with Situs Inversus for Caesarean Section- A Case Report. Siriraj Med J 2016; 68:261-64
3. Paliwal B, Bhatia PK, Kothari N, **Mohammed S**. Aseptic handling of ultrasound probe: An easy solution. Indian J Crit Care Med 2016;20:554-5.
4. Bihani P, Choudhary D, Bhatia PK, **Mohammed S**. Halothane: I am still there. Indian J Anaesth 2016;60:965-6.
5. **Mohammed S**, Bhatiya PK, Bhardwaj P, Kishore K. Comments: Ultrasound measurement of inferior vena cava collapse predicts propofol-induced hypotension. Am J Emerg Med 2017;35:509

Invited Lectures

1. Panel discussion on "Preoperative cross references for fitness of anaesthesia"; 18th Annual Rajasthan State Conference of Indian Society of Anaesthesiologist; 3rd - 4th September 2016; Government Medical College, Kota.
2. Trouble shooting and weaning protocol: Mechanical Ventilation; CME on Mechanical Ventilation Organised by ISA City branch Bikaner; 15th Jan 2017; Kothari Hospital; Bikaner.

Membership/ Post in Journal or Society or Association:

1. Treasurer; Indian Society of Critical Care Medicine, City Branch, Jodhpur.
2. Member Reviewer Board; The Indian Anaesthetist Forum

National/ International Conferences attended:

1. Criticare 2017. Indian Society of Critical Care Medicine, Le. Meridean Convention Centre Kochi, 1st – 5th Feb 2017.

Workshops/ Conferences Organized by the Department:

1. AHA Certified BLS and ACLS Course 18th-19th February 2017 at AIIMS Jodhpur
2. Nurses Training Programme on Oral Care and VAP Prevention on 10th February, 2017

3. AHA Certified BLS and ACLS Course 11th-13th November 2016 at AIIMS Jodhpur
4. Workshop on Vertebroplasty on 14th October, 2016

Department of Anatomy

S.No.	Name	Designation
1.	Dr. Surajit Ghatak	Professor & Head
2.	Dr. Brijendra Singh	Additional Professor
3.	Dr. Shilpi Gupta Dixit	Additional Professor
4.	Dr. Renu Gupta	Associate Professor
5.	Dr. Dushyant Agrawal	Associate Professor
6.	Dr. Ashish Kumar Nayyar	Associate Professor

About the Department:

The Department of Anatomy came into existence in 2012, as one of the first departments at the All India Institute of Medical Sciences in Jodhpur, India. The Department of Anatomy strives to develop a tradition of excellence in undergraduate and postgraduate training and research in the anatomical sciences in AIIMS Jodhpur. Its educational programs provide a foundation of functional anatomical knowledge for students in various disciplines within the Faculties of Medicine, Health Professions, and Graduate Studies. Students of M.B.B.S., B.Sc. (Nursing) are trained in the Department

Our graduate courses, the diverse expertise of our faculty members, and our active and well-funded research laboratories represent the foundation of our graduate programme.

Department is regularly involved to carry body donation program to promote voluntary body donation for education and research purpose

The department is also an active collaborator and organizer of various cadaveric workshops for post-graduate training and skills training in surgical and allied discipline such as Hands on Surgical Cadaveric workshops for Skull base surgery, Pelvi-Acetabular Trauma.

The Department is equipped with Cytogenetic work station, dissection Lab with Cold storage facility and embalming work station, modular histology Lab with audio-visual aid, museum housing wet specimens of gross anatomy, bones, models of Developmental anatomy, histology, Radiology and Cross section anatomy gallery.

Workshops/ Conferences Organized by Department:

1. Hands on Cadaver Dissection and Live Surgical Workshop (5-7 August 2016) organized by Department of Otorhinolaryngology and Anatomy, AIIMS, Jodhpur.
2. CMEs cum Workshop on "Molecular Cytogenetics: the Emergence of a new field" and "Flow cytometry- Applications and Limitations" on 28th Nov 2016.
3. 64th National Conference of Anatomical Society of India. (29th Nov- 1st Dec 2016) organized by Department of Anatomy, AIIMS, Jodhpur.
4. AIIMS-APASI Soft Cadaveric Workshop on Pelvi-Acetabular Trauma (28 January 2017).

Name of Faculty: Dr. Surajit Ghatak

Designation: Professor & Head

Publications:

Books and Book Chapters

1. Dixit,S.G., and **Ghatak,S.**, (2016), *Atlas of Histology*, Jaypee Brothers Medical Publishers (Private) Limited (*in press*)

Papers

Non-Pubmed:

1. Garg P, Potaliya P, Dixit SG, **Ghatak S**, Saxena D. Incidence of Different Positions and Morphometry Of Vermiform Appendix. JRHAE 2016;2(2):1-3.
2. Dixit SG, Dhuria S, **Ghatak S**. Absent Quadrante Lobe of Liver: Anatomical and clinical Relevance. Int J Anat Var 2016; 9: 53-54.
3. **Surajit Ghatak**, Pushpa Potaliya,Ranabir Pal. Entrapment neuropathies due to variations in origin and insertion of biceps brachii muscle. Journal of the Anatomical Society of India 65 (2016) S68–S72

Abstract published

1. Dixit SG, Potaliya P, Nayeemuddin SM, **Ghatak S**. Low Fidelity Model Making. J Anat Soc Ind 2016; S(2): S53-54.

Papers Presented:

1. Dixit SG, **Ghatak S**, Singh P, Bhattacharya S. ER, PR & CD 8 + Expression in endometrium of unexplained infertility. NATCON 64. 28th Nov- 1st Dec 2016. All India Institute of Medical Sciences Jodhpur.
2. Potaliya P, **Ghatak S**, Nayyar AK, Dixit SG, Gupta R, Kataria D. The study of incidence, determinants and clinical correlates of vertebral spinal osteophytes. NATCON 64. 28th Nov- 1st Dec 2016.All India Institute of Medical Sciences, Jodhpur.
3. Kataria D S, Potaliya P, Agarwal D, Dixit SG, **Ghatak S**. Bilateral higher division of brachial artery and its clinical significance: a case report. NATCON 64. 28th Nov- 1st Dec 2016.All India Institute of Medical Sciences, Jodhpur
4. Choudhary R, Agarwal D, Dixit SG, Singh B, **Ghatak S**. Communication between the median and musculocutaneous nerve and its clinical significance– a case report. NATCON 64. 28th Nov- 1st Dec 2016. All India Institute of Medical Sciences, Jodhpur

Sessions Chaired:

1. CME on Diabetes: High Time to Act, Organized by Department of Community medicine & Family Medicine, AIIMS, Jodhpur (7th April 2016).
2. Hands on Cadaver Dissection and Live Surgical Workshop at AIIMS, Jodhpur (5-7 August 2016)
3. CME on Cyto genetics in 64th National Conference of Anatomical Society of India. 28th Nov- 1st Dec 2016 at All India Institute of Medical Sciences, Jodhpur.
4. 64th National Conference of Anatomical Society of India. 28th Nov- 1st Dec 2016 at All India Institute of Medical Sciences, Jodhpur.

Research Project:

➤ **Ongoing Intramural Project -**

1. Isolation of Stem cells from Olfactory Mucosa- A Pilot Study
2. Plastination of human cadaveric specimens using polymers.

➤ **Ongoing Extramural Project**

1. "Expression analysis of inflammasome-forming NLRs in gliomas for identification of novel therapeutic interventions "with IIT Jodhpur funded by DBT.

➤ **Completed Research projects-**

1. Immunohistochemical study of C-cells morphology, distribution and localization in the thyroid gland: A pilot study in cadaveric tissue.
2. An Assessment of Infectious Agents in Cadavers Pre & Post Embalming- A Pilot Study.
3. Improvement of knowledge of Human Anatomy in 1st Year medical students by 3-D software based teaching.

Examinership

1. MBBS, S.N. Medical College, Jodhpur, S.N. Medical College, Jodhpur, on 31st August 2016 to 3rd September 2016.
2. MBBS, Sardar Patel Medical College, Bikaner 9th February 2017.
3. MBBS (Anatomy) S.N. Medical College, Jodhpur 10th February 2017

Membership/Post in Journal or Society or Association

1. Editorial Board Member, Journal of Anatomical Society of India
2. Editorial Board Member, Indian Journal of Anatomy

National/ International Conferences attended:

1. Hands on Cadaver Dissection and Live Surgical Workshop at AIIMS, Jodhpur on 5th to 7th August 2016.
2. Hands on Fish workshop and Cancer Genetics Symposium. October 2016. Tata Medical Centre, Calcutta. 64th National Conference of Anatomical Society of India.
3. 64th NATCON. 28th Nov- 1st Dec 2016. All India Institute of Medical Sciences, Jodhpur.
4. AIIMS-APASI Soft Cadaveric Workshop on Pelvi-Acetabular Trauma at AIIMS, Jodhpur on 28th January 2017.

Workshops/ Conferences Organised-

1. CMEs cum Workshop on "Molecular Cytogenetics: the Emergence of a new field" and "Flow cytometry- Applications and Limitations" on 28th Nov 2016. (**Organizing Secretary**)
2. 64th National Conference of Anatomical Society of India. 64th NATCON. 29th Nov- 1st Dec 2016. All India Institute of Medical Sciences, Jodhpur. (**Organizing Secretary**)
3. Hands on Cadaver Dissection and Live Surgical Workshop at AIIMS, Jodhpur (5-7 August 2016) – (**Co-Chairman**)
4. AIIMS-APASI Soft Cadaveric Workshop on Pelvi-Acetabular Trauma at AIIMS, Jodhpur (28 January 2017)- (**Organizing Chairman**)
5. AIIMS ZIMMER Biomet Bioskills Workshop at AIIMS, Jodhpur (3-4 March 2017)

Name of Faculty: Dr. Brijendra Singh

Designation: Additional Professor

Publications:

Papers

Non-Pubmed:

1. Sudhir Kumar, Neeraj Srivastava & **Brijendra Singh**, Surgical Options for aesthetic management of facial melanocytic nevi. Indian J Anat Surg Head, Neck and Brain.2016;2(4):104-106.
2. **Brijendra Singh**, Perception about genetic code and its evolution. Indian Journal of Genetics and Molecular Research, 2016 ;5(2)57-60
3. Meenakshi Chowdhary, Anurag Mehta, **Brijendra Singh**, Kiran Kumar, Ajit Singh Rathore & Devi Charan Shetty Role of epidermal growth factor receptor expression in recurrent cases of oral squamous cell carcinomas. Indian J Path & Onc.2016;3(3):496-02.
4. Choudhary Ram Karan, **Brijendra Singh**. Primary Grynfeldt's – Lumbar hernia – a rare case - Indian J Clin Anat Physiol 2016;3(3):382-84.
5. **Brijendra Singh**, Dushyant Agrawal. Intracranial tumors in childhood. Indian J Anat Surg Head, Neck and Brain.2016;2(1):21-3.

Book Published-

1. ANATOMY for NEET & PG – Theory & MCQ Volume 1 - by **Dr Brijendra Singh** ISBN: 978-81-7233-910-4, 2016, Scientific Publishers India.
2. ANATOMY for NEET & PG – Theory & MCQ Volume 2 - by **Dr Brijendra Singh** ISBN: 978-81-7233-910-4, 2016, Scientific Publishers India.
3. Dr Singh's NEET-PG MCQ's for Medical Students – Anatomy Question Bank - by **Dr Brijendra Singh** ISBN: 978-81-7233-910-4, 2016, Scientific Publishers India.
4. Dr Singh's NEET - PG MCQ's for Dental Students – Anatomy Question Bank - by **Dr Brijendra Singh** ISBN: 978-81-7233-910-4, 2016, Scientific Publishers India.

Resource Faculty-

1. Research methodology - 11th & 12th February 2017 NMOCON – AIIMS Jodhpur
2. CME cum Soft Cadaveric Workshop on Pelvi-Acetabular trauma - AIIMS Jodhpur 28th January 2017

Sessions Chaired-

1. NMOCON 11th & 12th February 2017 AIIMS Jodhpur
2. ASI NATCON 64 – AIIMS JODHPUR 28th November to 1st December 2016

Examinership-

1. MBBS, RML Awadh University , 18th & 19th April 2017
2. BDS , Santosh medical college Ghaziabd , 11th to 13th August 2016
3. MS , Anatomy , S N Medical College Agra, 2nd & 3rd September 2016
4. BDS, MAIDS ,New Delhi 14th & 15th October 2016

Membership/Post in Journal or Society or Association -

1. Editor in Chief; Indian journal of Clinical anatomy & Physiology
2. Editor in Chief, Indian journal of Anatomy & Surgery of Head Neck & Brain
3. Editor in Chief, Indian journal of Neurosciences
4. Editor in Chief, Indian journal of Medical & Health Sciences
5. Executive Editor, Indian Journal of Genetics and Molecular Research
6. Joint Editor, Annals of Prosthodontics and Restorative Dentistry
7. Editorial Board Member; International Journal of Anatomy & Research
8. Editorial Board Member; International Journal of Biomedical Research
9. Editorial Board Member; International Journal of Medical Research & Pharmaceutical Sciences; International Journal of Advance Research Publishing (IJOAR)

10. Editorial Board Member; World Journal Pharmacy and Pharmaceutical Sciences (WJPPS)
11. Editorial Board Member; Extensive Journal of Applied Sciences
12. Editorial Board Member; Indian Journal of Anatomy
13. Editorial Board Member; EJMR – Era’s Journal of Medical research

National/ International Conferences attended:

1. NATCON - SOCA –SGRD Medical College Amritsar– 7th April- 12th April 2016
2. Member board of studies for Anatomy – AIIMS Patna ,11th to 13th May 2016
3. NATCON 64 – ASI – AIIMS Jodhpur 28th November to 1st December 2016
4. NMOCON 2017 – 11th &12th February 2017 AIIMS Jodhpur

Name of Faculty: Dr. Shilpi Gupta Dixit

Designation: Additional Professor

Publications:

Books and Book Chapters

1. **Dixit SG**, Ghatak,S., (2016), Atlas of Histology, Jaypee Brothers Medical Publishers (Private) Limited (in press)
2. **Dixit SG**, (2016), Chapter 14 Possible Adverse Effects of Food Additives, Chemical and Functional Properties of Food Components, Editors: Witczak,A., and Sikorski,Z.E., Toxins and Other Harmful Compounds in Foods, CRC Press.

Papers

Non-Pubmed:

1. Garg P, Potaliya P, **Dixit SG**, Ghatak S, Saxena D. Incidence of Different Positions and Morphometry Of Vermiform Appendix. JRHAE 2016;2(2):1-3.
2. **Dixit SG**, Dhuria S, Ghatak S. Absent Quadrate Lobe of Liver: Anatomical and clinical Relevance. Int J Anat Var 2016; 9: 53-54.

Abstract published

1. **Dixit SG**, Potaliya P, Nayeemuddin SM, Ghatak S. Low Fidelity Model Making. J Anat Soc Ind 2016; S(2): S53-54.

Papers Presented:

1. **Dixit SG**, Ghatak S, Singh P, Bhattacharya S. ER, PR & CD 8 + Expression in endometrium of unexplained infertility. NATCON 64. 28th Nov to 1st Dec 2016. All India Institute of Medical Sciences Jodhpur.
2. Potaliya P, Ghatak S, Nayyar AK, **Dixit SG**, Gupta R, Kataria D. The study of incidence, determinants and clinical correlates of vertebral spinal osteophytes. NATCON 64. 28th Nov- 1st Dec 2016. All India Institute of Medical Sciences, Jodhpur.
3. Kataria D S, Potaliya P, Agarwal D, **Dixit SG**, Ghatak S. Bilateral higher division of brachial artery and its clinical significance: a case report. NATCON 64. 28th Nov- 1st Dec 2016. All India Institute of Medical Sciences, Jodhpur
4. Choudhary R, Agarwal D, **Dixit SG**, Singh B, Ghatak S. Communication between the median and musculocutaneous nerve and its clinical significance– a case report. NATCON 64. 28th Nov- 1st Dec 2016. All India Institute of Medical Sciences, Jodhpur

Research Project:

Ongoing:

➤ As Principal Investigator

1. Isolation of Stem cells from Olfactory Mucosa- A Pilot Study. IMRG project

National/ International Conferences attended:

1. American Heart Association (AHA) Certified BLS and ACLS Provider Course on 18th to 19th Feb 2017.
2. Workshop on “Medical Technology Innovation”, 12th Feb, 2017, AIIMS, Jodhpur.
3. AIIMS-APAS Soft Cadaveric Workshop on Pelvi-Acetabular Trauma to be held on 28th January 2017.
4. 64th National Conference of Anatomical Society of India. *64th NATCON*. 28th Nov- 1st Dec 2016. All India Institute of Medical Sciences, Jodhpur. (**Joint Organizing Secretary**)
5. Hands on Fish workshop and Cancer Genetics Symposium. October 2016. Tata Medical Centre, Calcutta.
6. Good Clinical Practices (GCP) from NIDA Clinical Trials Network, Sept 2016
7. Workshop on Manuscript Writing and Publication Ethics and Research Methodology. 20th-21st Sept 2016. AIIMS, Jodhpur.
8. Workshop on Introduction to Cochrane Systematic reviews and MetaAnalysis. 20th August 2016. AIIMS, Jodhpur.
9. Workshop on Literature Search in Pubmed and Reference Management, 8 April 2016, All India Institute of Medical Sciences, Jodhpur

Name of Faculty: Dr. Renu Gupta

Designation: Associate Professor

Publications:

Books and Book Chapters

1. **Renu Gupta**, Shubhi Saini, Saroj Sharma, Tony G. Jacob and T.S. Roy. "Morphology of the Human Pancreas During Development and Aging" In: Pramod C. Rath, Ramesh Sharma, S. Prasad. Topics in Biomedical Gerontology. Springer Science & Business Media Singapore 2016, 67-92.

Papers Presented:

1. Potaliya P, Ghatak S, Nayyar AK, Dixit SG, **Gupta R**, Kataria D. The study of incidence, determinants and clinical correlates of vertebral spinal osteophytes. NATCON 64. 28th Nov- 1st Dec 2016. All India Institute of Medical Sciences, Jodhpur.

National/ International Conferences attended:

1. Workshop on "Fetal Autopsy and Cadaveric Skills", on 20-21 February 2017, at Maulana Azad Medical College, New Delhi.
2. American Heart Association (AHA) Certified BLS and ACLS Provider Course on 18th to 19th Feb 2017
3. Workshop on "Medical Technology Innovation", 12th Feb, 2017, AIIMS, Jodhpur.
4. AIIMS-APAS Soft Cadaveric Workshop on Pelvi-Acetabular Trauma to be held on 28th January 2017
5. 64th National Conference of Anatomical Society of India. *64th NATCON*. 28th Nov- 1st Dec 2016. All India Institute of Medical Sciences, Jodhpur. (**Treasurer**)
6. 2nd ICICLE Cytogenetics (FISH) Workshop, at Tata Medical Center, Kolkata, 20th -21st October 2016
7. Workshop on Introduction to Cochrane Systematic reviews and MetaAnalysis. 20th August 2016. AIIMS, Jodhpur.

Membership:

1. Elected as Member of the National Academy of Medical Sciences (India) in year 2016 by NAMS.

Name of Faculty: Dr. Dushyant Agrawal

Designation: Associate Professor

Publications:

Non-Pubmed:

1. Intracranial tumors in childhood – Brijendra Singh, **Dushyant Agrawal**. Indian Journal of Anatomy & Surgery of Head, Neck and Brain, vol2-issue-1, Jan-March 2016 ,pp21-23

Books/Chapters

1. Chapter titled – Respiratory Physiology in Essentials of Anesthesiology & Critical Care (published by Jaypee Brothers, Medical Publishers Pvt. Limited, ISBN-9350903504, 9789350903506)

Papers Presented:

1. Computed Tomographic Measurement of Kidney in North Indian Healthy Adults: Correlation with Age, Sex, and Habitus at 5th National Conference of the Society of Clinical Anatomists at Sri Guru Ram Das Institute of medical sciences and research, Amritsar, Punjab

Abstract Published-

1. Kataria D S, Potaliya P, **Agarwal D**, Dixit SG, Ghatak S. Bilateral higher division of brachial artery and its clinical significance: a case report. NATCON 64. 28th Nov- 1st Dec 2016. All India Institute of Medical Sciences, Jodhpur
2. Choudhary R, **Agarwal D**, Dixit SG, Singh B, Ghatak S. Communication between the median and musculocutaneous nerve and its clinical significance– a case report. NATCON 64. 28th Nov- 1st Dec 2016. All India Institute of Medical Sciences, Jodhpur

Research Project:

Completed-

➤ **As Principal Investigator-**

1. An Assessment of Infectious Agents in Cadavers Pre & Post Embalming- A Pilot Study. Intramural Project. AIIMS Jodhpur.
2. Improvement of knowledge of Human Anatomy in 1st Year medical students by 3-D software based teaching.

Membership/Post in Journal or Society or Association –

1. Editorial Board Member; Indian Journal of Anatomy
2. Editorial Board Member; Edorium Journal of Anatomy and Embryology
3. Editorial Board Member; International Journal of Anatomy Physiology and Biochemistry
4. Editorial Board Member; Austin Journal of Anatomy

National/ International Conferences attended:

1. 5th National Conference of Society of Clinical Anatomists (SOCA) 2016 at SGRDIMSAR, Amritsar on 9th & 10th April 2016
2. GSMC-FAIMER fellowship program (1st Session) at Seth G S Medical College & KEMH, Mumbai on 18th April to 24th April 2016
3. Hands on Cadaver Dissection and Live Surgical Workshop at AIIMS, Jodhpur (5-7 August 2016)
4. Introduction to Cochrane Systematic Reviews and Meta-Analysis at AIIMS, Jodhpur (20th August 2016)
5. Manuscript writing & Publication Ethics and Research Methodology at AIIMS, Jodhpur (20 to 21 September 2016)
6. 64th National Conference of Anatomical Society of India at All India Institute of Medical Sciences, Jodhpur (28 Nov-1 Dec 2016)
7. AIIMS-APAS Soft Cadaveric Workshop on Pelvi-Acetabular Trauma at AIIMS, Jodhpur (28 January 2017)

Name of Faculty: Dr. Ashish Kumar Nayyar

Designation: Associate Professor

Publications:

Books and Book Chapters

1. Hitendra Kumar Loh, **Ashish Nayyar**, Rajesh Kumar Suri, and Mangala Kohli. "Supernumerary Pulmonary Lobe: Clinico-Anatomical Description". JSM Anat Physiol 2(2): 1013 (2017).

Papers Presented:

1. Potaliya P, Ghatak S, **Nayyar AK**, Dixit SG, Gupta R, Kataria D. The study of incidence, determinants and clinical correlates of vertebral spinal osteophytes. NATCON 64. 28th Nov- 1st Dec 2016. All India Institute of Medical Sciences, Jodhpur.

National/ International Conferences attended:

1. AIIMS-APAS Soft Cadaveric Workshop on Pelvi-Acetabular Trauma to be held on 28th January 2017
2. 64th National Conference of Anatomical Society of India. *64th NATCON*. 28th Nov- 1st Dec 2016. All India Institute of Medical Sciences, Jodhpur.
3. Workshop on Introduction to Cochrane Systematic reviews and MetaAnalysis. 20th August 2016. AIIMS, Jodhpur.

Membership:

1. Elected as Member of the National Academy of Medical Sciences (India) in year 2016 by NAMS.

Department of Biochemistry

S.No.	Name	Designation
1	Dr. Praveen Sharma	Professor and Head
2	Dr. Vanita Lal	Associate Professor
3	Dr. Purvi Purohit	Associate Professor
4	Dr. Indu Saxena	Assistant Professor
5	Dr. Shailja Sharma	Assistant Professor

About Department:

Department of Biochemistry started with the instituting of AIIMS Jodhpur by the Ministry of Health & Family Welfare, Government of India under the Pradhan Mantri Swasthya Suraksha Yojna (PMSSY) in September 2012. The department has been involved into teaching, research and patient care services by way of providing advanced and routine biochemical analyses for diagnosis and prognosis.

FACILITIES AND SERVICES

- **Teaching**

The department is actively involved in the undergraduate (MBBS and Nursing) and post graduate (MD Biochemistry) teaching. We use latest and innovative techniques for the teaching of the future doctors. Our lectures are both didactic and interactive which includes audio visual presentations and group discussions during tutorials. The teaching has been made interesting by providing food for thought using the problem based study like objectively structured clinical cases and practical exercises. Regular seminars and journal clubs are an important feature for the post graduate students to keep them updated with the latest research and technology.

- **OPD Diagnostic Services**

The Department of Biochemistry is catering to a fully functional Clinical Biochemistry Laboratory facility 24 hours since last two years. The laboratory is equipped with high end fully automated chemistry analysers including Beckman and Coulter AU 480, 680, 5800, Seimens Advia Centaur, Diasorin Liason. The daily OPD patient care is strongly supported by these services. The analytes on the Biochemistry Laboratory panel include the routine clinical chemistry analysis like Lipid Profile, Liver function Tests, Renal function tests, Blood sugar, electrolytes etc. The specialized analytes available on the panel includes hormones of fertility, bone, anemia, diabetes panel etc. It also includes analysis of blood lead levels, blood Zinc levels (using AAS), vitamins and immunologic markers like Rheumatoid factor, ANA, ds DNA and Hs CRP.

The IPD Biochemistry lab and Molecular Diagnostics lab is well equipped with state of art analysers including fully automated chemistry analysers, chemiluminescence analysers, flowcytometer, PCR, RT-PCR etc. The research lab at the medical college is well equipped with high end equipments facilitating research undertaken at the department by the various faculties' and PG students. The research is equipped for the molecular research, inborn error research etc. The instruments include HPLC, PCR, RT –PCR, gel electrophoresis (vertical & horizontal), ELISA reader, Microplate reader and recently Atomic absorption spectrophotometer has been added to the spectrum of the instruments that is facilitating the research in trace elements and heavy metal toxicity.

- **IPD Diagnostic Services**

The Biochemistry Laboratory at AIIMS Jodhpur is functional 24 hours since March 2015 and is efficiently providing services to the IPD patients.

- **Departmental Research Projects**

The Department has an independent Research laboratory with facilities for research in the field of genetics, molecular biology, immunology, clinical chemistry, hormones, nutrition etc. It is the recognized Lead Referral Centre by the Indian Society for Lead Awareness and Research. The faculties at the department have been actively involved in the research activities and have completed four intramural funded projects and eight ICMR STS projects. The findings of the projects have been presented at various scientific meetings and published in peer reviewed journals. Currently there are 18 ongoing intramural projects in collaboration with various clinical and non-clinical specialties. These projects cover broad spectra of research extending from basic clinical chemistry research to molecular biology based research. Currently there are 5 faculty members, 4 Senior Resident, 5 Non Academic Junior Residents, 3 Academic Junior Residents, 2 post-doc fellows and 15 non-teaching laboratory technical staff.

- **Future Plans**

The team at Department of Biochemistry is committed to establish a fully functional molecular biology laboratory and high end clinical laboratory for inborn error diagnosis at the earliest and make optimal utilization of the various instruments and equipment's available at the Biochemistry laboratory. We have taken the first step in the direction and already are working on projects based on DNA, mRNA, miRNA expression using PCR and RT-PCR, diagnosis of inborn errors of amino acid metabolism using HPLC and blood lead levels using AAS.

We strive to establish a world class molecular diagnostic and research facility at AIIMS Jodhpur by collaborating with other National and International research institutes.

Eminent Visitors:

1. Dr Gustavo Zubieta
2. Dr Venkatesh Thuppil

3. Dr Prasad Sawant
4. Dr Shyam Chauhan
5. Dr Sadhna Sharma
6. Dr. Jayshree Bhatacharjee

Name of Faculty: Dr. Praveen Sharma

Designation: Professor and Head

Publications:

Pubmed:

1. **Sharma P**, Dwivedi S. Prospects of Molecular Biotechnology in Diagnostics: Step Towards Precision Medicine. *Ind J Clin Biochem*, 2017; 32 (2): 121-123. DOI: 10.1007/s12291-017-0650-9.
2. S Chambial, P Bhardwaj, A A Mahdi, **P Sharma**. Lead Poisoning Due to Herbal Medications. *Ind J Clin Biochem*, 2017; 32 (2): 246-247. DOI: 10.1007/s12291-016-0617-2
3. Purohit P, Nebhinani N, Sharma P. Evaluation of Antioxidant Status, High Sensitivity C-reactive Protein, and Insulin Resistance in Male Chronic Opiate Users Without Comorbidities. *Indian J Psychol Med*. 2017 May-Jun;39(3):299-305. doi: 10.4103/0253-7176.207330
4. Purohit P. Khera D, **Sharma P**, Singh K. A Case of Massive Hypertriglyceridemia in 6-Year Old Boy. *Ind J Clin Biochem* (2016). doi:10.1007/s12291-016-0626-1
5. D K Yadav, R Rai, N Kumar, S Singh, S Misra, **P Sharma**, P Shaw, H P-Sánchez, R L. Mancera, E H Choi, M Kim, R Pratap .New arylated benzo[h] quinolines induces anti-cancer activity by Oxidative stress-mediated DNA damage. *Sci. Rep.* 6, 38128; doi:10.1038/serp38128, 2016.
6. Yadav DK, Kumar S Saloni, Singh H, Kim MH, **Sharma P**, Misra S, Khan F. Molecular docking, QSAR and ADMET studies of withanolide analogs against breast cancer. *Drug Des Devel Ther.* 2017 Jun 22;11:1859-1870.
7. Yadav DK, Saloni, Sharma P, Misra S, Singh H, Mancera RL, Kim K, Jang C, Kim MH, Pérez-Sánchez H, Choi EH, Kumar S. Studies of the benzopyran class of selective COX-2 inhibitors using 3D-QSAR and molecular docking. *Arch Pharm Res.* 2017 Aug 18. doi: 10.1007/s12272-017-0945-7.
8. K K Shukla, S Misra, P Pareek, V Mishra, B Singhal, **P Sharma**. Recent scenario of Micro RNA as a diagnostic and prognostic biomarkers of prostate cancer. *Urologic Oncology: Seminars and Original Investigations* 2016 <http://dx.doi.org/10.1016/j.urolonc.2016.10.019>
9. N Nebhinani, **P Sharma**, N Suthar. Role of vitamin D supplementation in patients with depressive disorders and hypovitaminosis D: A longitudinal study. *J Mental Health & Human Behavior* 2017 (accepted)
10. N Nebhinani, **P Sharma**, V. Pareek. Associations of metabolic syndrome with elevated liver enzymes and C-reactive protein in drug naive patients with Depressive disorders. *J Mental Health & Human Behavior*,2016;21(2):91-97. DOI:10.4103/0971-8990.193426

11. Jangid A. P, Shekhawat V. P. S, Pareek H, Yadav D, **Sharma P** and John P. J. Effect of Lead on Human Blood Antioxidant Enzymes and Glutathione. International J OF Biochemistry Research and Review, 2016;13 (1):1-9 DOI: 10.9734/IJBCRR/2016/26992
12. **P Sharma**, P Mitra. Vitamin D: The Need of the Hour. Ind J Clin Biochem, 2016; 31(3):243-244. DOI 10.1007/s12291-016-0578-5.

Papers Presented:

1. International Conference on Hazards of Lead on Human Health and Environment (InSLAR) ,22nd -23rd Oct 2016, Karad, Maharashtra.
2. Invited speaker at Laboratory Medicine Congress & Exhibition (LMCE), Korean Society of Laboratory Medicine (KSLM) at Seoul, South Korea from 26th - 28th Oct 2016.
3. Invited speaker at 14th Asia Pacific Federation for Clinical Biochemistry and Laboratory Medicine Congress (APFCB Congress 2016) at Taipei, Taiwan from 26th to 29th Nov 2016
4. Lead Toxicity: Issues, Significance and Challenges, 28th Jan 2017, Kanoria PG Mahila Mahavidyalaya, Jaipur.
5. National Symposium on “Genomics of Hormone and Metabolic Disorder”, Metabolism and Molecular Research Society, 3rd Feb 2017, Jaipur.
6. Foundation Day Oration at National Symposium on “Changing trends in Medical Biochemistry in the New Millennium”, Department of Biochemistry, 04th Feb 2017, KGMU, Lucknow.
7. Invited as Resource Faculty for Scientific Paper Writing Workshop from 29th -31st March, 2017 at, Thimphu, Bhutan

Sessions Chaired:

1. Neurodegenerative Disorders, 14th Asia Pacific Federation of Clinical Biochemistry Congress 2016, 26th -29th Nov 2016, Taiwan International Convention Center, Taiwan.
2. Current Issues on Lead Impact on Environment and Human Health, 2nd International Conference on Hazards of LEAD on Human Health and Environment, 22nd -23rd October, 2016, Karad Institute of Medical Sciences, Karad.
3. Awadesh Saran oration lecture, 43rd Annual Conference of Association of Clinical Biochemists of India (ACBICON 2016), 12-15 Dec, 2016, Kasturba Medical College, Manglore.
4. Pattabiraman oration lecture, 43rd Annual Conference of Association of Clinical Biochemists of India (ACBICON 2016), 12-15 Dec, 2016, Kasturba Medical College, Manglore

5. Lead Toxicity: Issues, Significance and Challenges, 28th Jan 2017, Kanoria PG Mahila Mahavidyalaya, Jaipur.

Invited Lectures

1. Medical Assessor Conclave scheduled on 17/04/2016 at Delhi.
2. Environmental Challenges, Human & Society (NCEHS-2016) University of Rajasthan, 9th Sept 2016, Jaipur.
3. Research and Innovation in Science for Sustainable Development of India, 10th Oct 2016, New Delhi on.
4. International Conference on Hazards of Lead on Human Health and Environment (InSLAR) ,22nd -23rd Oct 2016, Karad, Maharashtra.
5. Invited speaker at Laboratory Medicine Congress & Exhibition (LMCE), Korean Society of Laboratory Medicine (KSLM) at Seoul, South Korea from 26th - 28th Oct 2016.
6. Invited speaker and Chaired symposia at 14th Asia Pacific Federation for Clinical Biochemistry and Laboratory Medicine Congress (APFCB Congress 2016) at Taipei, Taiwan from 26th to 29th Nov 2016
7. Awadesh Saran and Pattabiraman oration lecture, 43rd Annual Conference of Association of Clinical Biochemists of India (ACBICON 2016), 12-15 Dec, 2016, Kasturba Medical College, Manglore.
8. Lead Toxicity: Issues, Significance and Challenges, 28th Jan 2017, Kanoria PG Mahila Mahavidyalaya, Jaipur.
9. National Symposium on “Genomics of Hormone and Metabolic Disorder”, Metabolism and Molecular Research Society, 3rd Feb 2017, Jaipur.
10. Foundation Day Oration at National Symposium on “Changing trends in Medical Biochemistry in the New Millennium”, Department of Biochemistry, 04th Feb 2017, KGMU, Lucknow.
11. Invited as Resource Faculty for Scientific Paper Writing Workshop from 29th -31st March, 2017 at, Thimphu, Bhutan

Symposium Speaker

1. Heavy Metal Toxicity and Neurodegeneration, 14th Asia Pacific Federation of Clinical Biochemistry Congress 2016, 26th -29th Nov 2016, Taiwan International Convention Center, Taiwan.
2. Accreditation of clinical laboratories in India, Laboratory Medicine Congress & Exhibition (LMCE), Korean Society of Laboratory Medicine (KSLM), 26th - 28th Oct 2016, Seoul, South Korea.

3. Lead Toxicity: Issues, Significance and Challenges, 28th Jan 2017, Kanoria PG Mahila Mahavidyalaya, Jaipur.
4. National Symposium on “Genomics of Hormone and Metabolic Disorder”, Metabolism and Molecular Research Society, 3rd Feb 2017, Jaipur.
5. Foundation Day Oration at National Symposium on “Changing trends in Medical Biochemistry in the New Millennium”, Department of Biochemistry, 04th Feb 2017, KGMU, Lucknow.

Resource Faculty:

1. Internal Audit & Quality Management Systems from 02-05, Aug, 2016, AIIMS, Jodhpur.
2. Scientific Paper Writing Workshop from 29th -31st March, 2017, Thimphu, Bhutan.

Research Project:

Ongoing:

➤ **As Principal Investigator**

1. Correlation of blood lead levels with neurotransmitter receptors expressions and assessment of change in neurobehaviour in children of Jodhpur region, AIIMS, Jodhpur.
2. Lead levels in water, water containers and plumbing materials and its association with blood lead levels of children : A multi-centric pilot study, Indian Society for Lead Awareness and Research (InSLAR).

➤ **As Co-Investigator**

1. “A pilot study of pro-inflammatory and anti-inflammatory miRNAs (miR-155 & miR-187) expression in opioid dependent patients”, AIIMS, Jodhpur.
2. "Serial estimation of serum HMGB1 levels to determine Post Mortem Interval in human Cadavers", AIIMS, Jodhpur.
3. Evaluation of Auditory Brainstem Responses in Smokers, AIIMS, Jodhpur.
4. Transthyretin (TTR): Plausible Role in Depression in Subjects Undergoing Thyroid Profiling and found Euthyroid, AIIMS, Jodhpur.
5. "Evaluating the dynamics of breast cancer stem cells and miRNA 155 in patients undergoing systemic neoadjuvant or palliative chemotherapy for breast cancer", AIIMS, Jodhpur.
6. Correlation between salivary and serum C-reactive protein among neonates with sepsis, AIIMS, Jodhpur.
7. Pilot study on Exploration microRNA-27 as biomarker of muscle wasting in Haemodialysis Patients, AIIMS, Jodhpur.

8. Study of Urinary protein creatinine ratio in normal and undernourished 2-4 year old children of western Rajasthan, AIIMS, Jodhpur.
9. Association of Single nucleotide polymorphisms in DNA Repair Gene (XRCCI) (Arg399Gln; rs25487) and SNAP25 (rs3746544) Patients with Schizophrenia in North Indian population.
10. Correlation of miR155 and miR101 expression with c-fos in patients of Oral Submucous Fibrosis and Oral Squamous cell carcinoma.
11. Study of vitamin D level and cardiometabolic abnormalities in patients with schizophrenia and bipolar disorders.
12. Immunohistochemical validation of TLE-1, Nuclear beta-catenin and MIB-1 in soft tissue sarcomas with RT-PCR based correlation of SYT-SSX in cases of Synovial sarcomas.
13. Determination of Vitamin D reference level in Healthy Population in Urban Rajasthan.
14. Determination of Vitamin D reference level in Healthy Population in Rural Rajasthan.
15. Role of perforin on metabolic inflammation: A comparison of type 2 DM and healthy control".
16. Expression and correlation of micro RNA with NGAL in patients of type 2 Diabetes Mellitus".
17. Association of DMT1 and Metallothionein 2A polymorphism with lead related hypertension and cardiovascular autonomic dysfunction in lead exposed workers.
18. Role of VEGF and P1GF in prediction of preeclampsia.

Completed:

➤ **As Principal Investigator**

1. "Blood lead level in children of Jodhpur region", AIIMS, Jodhpur.

➤ **As Co-Investigator**

1. "An observational study of urinary opiates and cardio-metabolic risk parameters in opioid dependent patients of Western Rajasthan", AIIMS, Jodhpur.
2. "A pilot study of screening for Inborn errors of metabolism in sick neonates and children in Western Rajasthan", AIIMS, Jodhpur.
3. "Role of Aspirin in reducing inflammatory mediators in Type 2 Diabetes Mellitus", AIIMS, Jodhpur.
4. "To Establish the Reference Range of Urinary Protein Creatinine Ratio in Normal and Malnourished Indian Children of Diferent Age Groups", AIIMS, Jodhpur.
5. "Serum levels of Interleukins-17 and 23 in Acute Cerebral Ischemic Injury", AIIMS, Jodhpur.

6. "Study of vitamin D level and metabolic abnormalities in patients with depressive disorders", AIIMS, Jodhpur.
7. "Exploration of microRNA as biomarker of muscle wasting in Hemodialysis Patients", AIIMS, Jodhpur.

Examinerships:

1. RPSC, Ajmer, 04/04/2016.
2. MD Examination, Dr. S.N Medical College, Jodhpur, July, 2016.
3. Msc Biochemistry Examination, S. P. Medical College, April, 2016.
4. Expert Faculty Selection, PGIMER, Chandigarh, 14 Sept, 2016.
5. Examiner, M.Sc. thesis, Cairo University, Egypt, April, 2016.
6. Examiner, MD Biochemistry thesis, Teerthanker Mahaveer University, May 2016.
7. Examiner, PhD thesis, Jiwaji University, Gwalior, Dec, 2016.
8. Examiner, MD Biochemistry thesis, AIIMS, New Delhi, Feb, 2017

Membership/ Post in Journal or Society or Association:

S. No.	Membership/Post in an association/ society/ journal etc.	Organization
1.	Editor-in-Chief, IJCB	IJCB
2.	Chairman of Corporate Wing of ACBI	ACBI
3.	Joint Director, Indian Board of Clinical Biochemistry	Indian Board of Clinical Biochemistry
4.	Member National Advisory Board, ACBICON 2012-2013	ACBI
5.	Chairman, APFCB Communication Committee	APFCB
6.	Chief Editor, APFCB News	APFCB
7.	Member International Advisory Board APFCB Congress 2013 Bali	APFCB
8.	Vice President	InSLAR
9.	Director, NRCLPI, Jodhpur	NRCLPI
10.	NABL Assessor	NABL
11.	Member, IFCC – CCLM (2017 – 2019)	IFCC-CCLM

National/ International Conferences attended:

1. Environmental Challenges, Human & Society (NCEHS-2016) University of Rajasthan, 9th Sept 2016, Jaipur.

2. Research and Innovation in Science for Sustainable Development of India, 10th Oct 2016, New Delhi on.
3. International Conference on Hazards of Lead on Human Health and Environment (InSLAR) ,22nd -23rd Oct 2016, Karad, Maharashtra.
4. Invited speaker at Laboratory Medicine Congress & Exhibition (LMCE), Korean Society of Laboratory Medicine (KSLM) at Seoul, South Korea from 26th - 28th Oct 2016.
5. Invited speaker and Chaired symposia at 14th Asia Pacific Federation for Clinical Biochemistry and Laboratory Medicine Congress (APFCB Congress 2016) at Taipei, Taiwan from 26th to 29th Nov 2016
6. Awadesh Saran and Pattabiraman oration lecture, 43rd Annual Conference of Association of Clinical Biochemists of India (ACBICON 2016), 12-15 Dec, 2016, Kasturba Medical College, Manglore.
7. Lead Toxicity: Issues, Significance and Challenges, 28th Jan 2017, Kanoria PG Mahila Mahavidyalaya, Jaipur.
8. National Symposium on “Genomics of Hormone and Metabolic Disorder”, Metabolism and Molecular Research Society, 3rd Feb 2017, Jaipur.
9. Foundation Day Oration at National Symposium on “Changing trends in Medical Biochemistry in the New Millennium”, Department of Biochemistry, 04th Feb 2017, KGMU, Lucknow.
10. Invited as Resource Faculty for Scientific Paper Writing Workshop from 29th -31st March, 2017 at, Thimphu, Bhutan

Workshops/ Conferences Organized:

1. The Department organized an invited lecture by Professor Gustavo Zubieta on chronic hypoxia on 11th July, 2016 at AIIMS, Jodhpur.
2. The Department has successfully conducted the Internal Auditor and Quality Management as per ISO15189-2012 Certification course of five days from 2nd to 5th August 2016. The course was attended by 15 participants. The course shall be extremely beneficial for the accreditation process of the laboratory services at AIIMS Jodhpur. All the faculties and residents at the Department of Biochemistry have completed this certification course and are certified auditors of NABL.

Name of Faculty: Dr. Vanita Lal

Designation: Associate Professor

Publications:

Non-Pubmed:

1. **V Lal** , V Singh, P Sharma. High Fructose to Glucose Ratio in diet is deleterious to Health Diabetes :High time to act. International Epidemiological Association.2016: (4)

Papers Presented:

1. **V. Lal** .P.Sharma.A prospective study to screen encephalopathic neonates for hyperammonemia with or without metabolic acidosis. AMBICON 2016, November 2016 Guwahati Medical College & Hospital, Guwahati ,Assam
2. **V Lal**, Praveen Sharma, Garima Gupta. Standardization of Plasma / Urine Argininosuccinate (ASA) levels by Liquid Chromatography Technique: Establishing for Urea Cycle Disorders. ACBICON, December 2016, Kasturba Medical College, Manipal, Mangalore, Karnataka
3. **V Lal**, Garima Gupta, Praveen Sharma. CSF Transthyretin (TTR): It's Role in Depression IABICON 5-8 Jan 2017.Bhavnagar Medical College,Bhavnagar ,Gujarat

Sessions Chaired:

1. Oral Free Paper presentation, IHPACON 2017 on 29th February,2017, AIIMS Jodhpur, Jodhpur
2. Chaired and Judged Poster Presentation on 28th February 2017, Poster IHPACON 2016
3. Chaired & Judged Poster in AMBICON 2016 on November 2016 at Guwahati Medical College & Hospital, Guwahati, Assam
4. Chaired & Judged Poster in ACBICON, December 2016, Kasturba Medical College, Manipal, Mangalore, Karnataka

Invited Lectures

1. A prospective study to screen encephalopathic neonates for hyperammonemia with or without metabolic acidosis, AMBICON, November 2016, Guwahati, Assam
2. Research Designs, Research Methodology talk as Pre conference workshop- as faculty, 5th January, 2017 IABSCON 2017 Bhavnagar
3. CSF Transthyretin (TTR): It's Role in Depression. Symposium Speaker at 3rd IABSCON, Jan 5-8 ,2017

Resource Faculty:

1. Flowcytometry Workshop for 64th NATCON 27TH November 2016, AIIMS, Jodhpur, Jodhpur
2. Resource faculty for Research Methodology 5th January,2017 IABSCON 2017 Bhavnagar
3. Research Designs 5th January 2017, IABSCON 2017, GMC, Bhavnagar, Gujarat.
4. How to write a scientific Article on 5th January 2017, GMC,Bhavnagar,Gujarat.
5. For NAT Board for Generating Question Bank Proteomics, WBC, RBC Signaling pathways, June 2016.

Research Projects:**Ongoing:****➤ As Principal Investigator.**

1. Intramural Project: "Transthyretin (TTR): Its possible Role in Depression in Subclinical Hypothyroids & Euthyroids Undergoing Routine Thyroid Profiling"
2. Ongoing: Utility of the product of calcium and phosphorus [Serum ionised Calcium X Inorganic Phosphate] in relation to Lipid Sub Fractions in Predialysed Chronic Kidney Disease (CKD)

➤ As Co-Investigator

1. Sympathetic tone and its relation with endothelial function and left ventricular diastolic function in hypertensive patients. Intramural Project.

Completed:

1. A prospective study to screen encephalopathic neonates for Hyperammonemia with or without metabolic acidosis. Intramural Project:1
2. "Profiling Urinary Amino Acids And Monosaccharides by Thin Layer Chromatography in Paediatric subjects with suspected metabolic disorders.". ICMR STS 2015:
4. Team Based Learning (TBL) by Modular Teaching -Reinvigorating Second Semester MBBS Students at AIIMS,Jodhpur.FAIMER 2015 .CMCL FRI

Examinerships :

1. MBBS RIMS ,Ranchi ,September 5-7,2016
2. MD Gujarat Univeristy ,Govt.Medical College,Bhavnagar,April 8-10,2016
3. M. Sc Thesis Evaluator of ,AIIMS,Delhi,June 2016
5. MD Biochemistry Thesis Evaluator of,AIIMS ,Delhi,February 2017

Membership/ Post in Journal or Society or Association :

1. IAMB Life Member and Faculty 2016
2. AMEE Life Member Registered 2017

3. SEARME Life Member 2016
4. Indian Society of Human Genetics (ISHG 2016)

National/ International Conferences attended:

1. Workshop as preconference AMBICON Guwahati. Molecular Biology and Its application – Hands on training, IIT, Guwahati
2. WHO Symposium, AIIMS Jodhpur, April 6-7, 2016
3. Epidemiology & Statistical workshop at ICRI/NICPRC, Sector 37, Noida 27th to 29th July, 2016
4. NGS/Genomic Sequencing by Illumina, MiSeq-Hands on training at IRCH, AIIMS, Delhi 30th July 2016.
5. Qualitative Research Workshop, IPHACON 2017 on 24th -26th February 2017

Any other information:

1. Obtained FAIMER Fellowship at CMC, Ludhiana.
2. Bagged 1st Prize in Hindi translation (During Hindi Week) 14th September 2016

Name of Faculty: Dr. Purvi Purohit

Designation: Associate Professor

Publications:

Pubmed:

1. Sharma P, **Purohit P**. Atherogenic Index: A Potential Cardiovascular Risk Marker in Coexisting Hypothyroidism and Diabetes Mellitus at Diagnosis. J Obes Metab Res. 2016; 3:46-7.
2. **Purohit P**, Garg K, Singh V, Sharma P. Microalbuminuria in obese young and middle aged population: A potential marker of cardiovascular risk. Ind J of Clin Biochem DOI: 10.1007/s12291-016-0563-z.
3. **Purohit P**, Nebhinani N, Sharma P. Evaluation of Antioxidant Status, High Sensitivity C-reactive Protein, and Insulin Resistance in Male Chronic Opiate Users Without Comorbidities. Indian J Psychol Med. 2017 May-Jun;39(3):299-305. doi: 10.4103/0253-7176.207330
4. **Purohit P**, Khera D, Sharma P, Singh K. A case of massive hypertriglyceridemia in six year old boy. Indian J Clin Biochem. (Published) 10.1007/s12291-016-0626-1.

Papers Presented:

1. IFCC Roche travel award 2016 for the presentation “Serum Insulin and Hs CRP Correlated to Antioxidant Status of Opiate Dependent Males”. Poster presentation at 14th APFCB Taiwan 2016.
2. Evaluation of cardio-metabolic profile of male chronic opiate abusers at a tertiary care centre. 43rd ACBICON 2016 Oral Presentation
3. Poster presentation co-author at AAPI International research competition titled “A correlation study of Microalbuminuria in Chronic obstructive pulmonary disease patients” at Udaipur 27 December 2016.

Resource Faculty:

1. Public lecture on Diabetes at AIIMS Jodhpur, 19/04/2016.

Research Projects:

Ongoing:

➤ **As Principal Investigator**

1. A pilot study of pro-inflammatory and anti-inflammatory miRNAs (miR-155 & miR-187) expression in opioid dependent patients. AIIMS Jodhpur, Intramural Project 2015-16 as PI.
2. ICMR STS 2016 submitted and approved on title “A study of microalbuminuria (MAB) in chronic obstructive pulmonary disease (COPD) patients with and without co-morbidities”

➤ **As Co-Investigator**

1. Serum Levels of Interleukin-17 and 23 in Acute Cerebral Ischemia Patients. (AIIMS Jodhpur Intramural Project) as Co-PI. (2014-15).
2. Serial estimation of serum HMGB1 levels to determine Post Mortem Interval in human Cadavers. AIIMS Jodhpur, Intramural Project 2015-16 as Co-PI.
3. Clinical profile and sero-prevalence of brucellosis in relation to vitamin D in western Rajasthan. AIIMS Jodhpur, Intramural Project 2015-16 as Co-PI.
4. Evaluate the expression of cfos and correlate with miRNA 101 and 155 in oral premalignant and malignant lesions. AIIMS Jodhpur, Intramural Project 2016-17 as Co-PI.
5. Role of magnesium supplementation in Vitamin D deficiency.
6. Evaluation of the role of cardiovascular autonomic function and peripheral vascular endothelial function in patients with primary hyperhidrosis: A prospective, investigational study.

Examinerships:

1. Bsc Nursing and Lab technician course, Dr SN Medical College, Jodhpur

Membership/ Post in Journal or Society or Association:

1. Appointed Web Editor for APFCB Website

National/ International Conferences attended:

1. 14th Asia Pacific Federation Clinical Biochemistry, Taipei, Taiwan on 25th -29th November 2016.
2. 43rd Annual National Conference of Clinical Biochemists of India- ACBICON 2016, 12 Dec-15 Dec 2016, Kasturba Medical College, Mangalore

Workshop participation:

1. Workshop on Literature Search in Pubmed and Reference management at AIIMS Jodhpur 8th April 2016.
2. Internal Auditor & Quality Management Systems Certificate Course as per ISO 15189-2012, 2 – 5 August 2016.
3. Manuscript writing and publication ethics and research methodology held on 20-21 Sept 2016, AIIMS Jodhpur
4. Hands-on Workshop on Reference interval analysis at 14th APFCB Taipei (Taiwan) 25th November 2016
5. Thyroid Update: 4 march 2017, AIIMS Jodhpur

Name of Faculty: Dr. Indu Saxena

Designation: Assistant Professor

Research Projects:

Ongoing:

➤ **As Principal Investigator:**

1. To Compare the Urinary Protein Creatinine Ratio in Normal and Undernourished 2-4-Year-Old Indian Children. Funding Agency: AIIMS Jodhpur

Completed:

➤ **As Principal Investigator:**

1. To Compare the Urinary Protein Creatinine Ratio in Normal and Undernourished 4-8-Year-Old Indian Children. Funding Agency: AIIMS Jodhpur

Examinerships:

1. MBBS 1st Professional Biochemistry Examination, Admission Batch 2015, All India Institute of Medical Sciences, Jodhpur, 18th-20th July, 2016.
2. MBBS 1st Professional Biochemistry Supplementary Examination, Admission Batch 2014 and 2015, All India Institute of Medical Sciences, Jodhpur, 28th September, 2016.

Membership/ Post in Journal or Society or Association:

1. Life Membership of Society of Biological Chemists (INDIA)
2. Life Membership of Association of Physiologists and Pharmacologists of India.
3. Life Membership of Association of Clinical Biochemists of India.
4. Life Membership of Association of Clinical Biochemists of India, Rajasthan Chapter.
5. Life Membership of Indian Society for Lead Awareness and Research (InSLAR).
6. Annual Membership of Biochemical Society, London.

National/ International Conferences/ CME/ Workshops Attended:

1. CME on Diabetes: High Time to Act. Organized by Department of Community Medicine and Family Medicine, AIIMS Jodhpur. 7th April, 2016
2. Workshop on Literature Search in PubMed and Reference Management. Organized by Department of Community Medicine and Family Medicine, AIIMS Jodhpur. 9th April, 2016
3. Workshop on Evidence-Based Medicine. Organized by AIIMS Jodhpur. 9th -17th May, 2016.
4. NABL 112 & ISO 15189: 2012 Internal Auditor and Quality Management Systems 4 days Certificate and 2 days Transformation Course. Organized by Department of Biochemistry, AIIMS Jodhpur. 2nd - 5th August, 2016.
5. Cochrane Workshop. Introduction to Cochrane Systematic Reviews and Meta-Analysis. Organized by Department of Pharmacology, AIIMS Jodhpur. 20th August, 2016.
6. Workshop on Manuscript Writing and Research Methodology. Organized by AIIMS Jodhpur. 21st -22nd September, 2016.

Any other information:

- 1 Short Term Research Project of ICMR, 2016, entitled: To compare the urinary protein excretion in smokers with that in non-smokers in Indian males

Name of Faculty: Dr. Shailja Sharma

Designation: Assistant Professor

Publications:

Pubmed

1. **S Chambial**, P Bhardwaj, A A Mahdi, P Sharma , Lead poisoning due herbal medications. Indian Journal of Clinical Biochemistry.2016; 32(2):246-47

Papers Presented:

1. Blood lead level in children of Jodhpur Region. 2nd International LEADCON 2016,Karad on 22-23 Oct 2016.
2. Risk factors for increased Blood Lead level in children. ACBICON -2016, Mangalore on 12-15 Dec 2016.

Invited Lectures

1. Lead and human health in National seminar on “Lead toxicity: issues, significance & challenges, Kanoria Mahila Mahavidyalaya on 28th Jan 2017.

Resource Faculty:

1. National seminar on “Lead toxicity: issues, significance & challenges, Kanoria Mahila Mahavidyalaya,Jaipur on 28th Jan 2017.

Research Projects:

Ongoing:

➤ **As Principal Investigator**

1. Pilot study on DMT1 & Metallothionein 2A polymorphism in lead exposed workers

➤ **As Co-Investigator**

1. Utility of VEGF and PIGF in prediction of preeclampsia.

Examinerships:

1. Bsc Nursing and Lab technician course, Dr SN Medical College,Jodhpur

Membership/ Post in Journal or Society or Association :

1. Appointed Representative ACBI Rajasthan

National/ International Conferences attended:

1. 2nd International LEADCON 2016: Hazards of LEAD on Human Health and Environment” Krishna Institute Of Medical Sciences Deemed University, Karad, (Maharashtra) on 22nd- 23rd October 2016
2. 43rd Annual National Conference of Clinical Biochemists of India- ACBICON 2016, 12 Dec-15 Dec 2016, Kasturba Medical College, Mangalore

Workshop participation:

1. Manuscript writing and publication ethics and research methodology held on 20-21 Sept. 2016, AIIMS Jodhpur
2. Basic training workshop on AAS and ICE 3500 held Mumbai (13-16th Feb 2017)
3. Thyroid Update on 4th March 2017 at AIIMS Jodhpur.

Department of Cardiology

S.No.	Name	Designation
1	Dr. Surender Deora	Assistant Professor

About The Department:

CLINICAL: The Department of Cardiology was established on 13-05-2016. The Department has started OPD services where daily 35-45 patients are being given consultations. 2D echo was also started and daily 8-10 echocardiography are being performed which has not only helped in evaluation of patients undergoing major non cardiac surgery but also in management of patients in both AICU, PICU and NICU. The invasive procedures with coronary angiographies was started on 21-06-2016 followed by first two coronary angioplasties with stenting on 23-09-2016 under guidance of Dr Ranjeet Kumar Nath, Professor, Department of Cardiology, PGIMER Dr RML Hospital, New Delhi. Since then the Department is performing selected percutaneous coronary interventions in the DSA Lab regularly.

Total coronary angiographies: 94

Coronary angioplasties: 10

Total echocardiography: 1374

ACADEMIC: The Department is also being involved in Academic activities with teaching of undergraduates and active participation in regular CGR and CPC being conducted in the Institute. Also knowing the responsibility towards the society, the Department has conducted successful public lecture and poster competition on World Heart Day on 29th Sep 2016.

RESEARCH: The Department is involved in research activities with one intramural project as principal investigator and one as co-investigator.

ADMINISTRATIVE: The procurement of various equipments for Noninvasive and Invasive Lab is under process and is expected to be completed in 2017-18.

Eminent Visitors:

1. Dr Ranjit Kumar Nath, Professor, PGIMER Dr RML Hospital, New Delhi

Name of Faculty: Dr. Surender Deora

Designation: Assistant Professor

Sessions Chaired:

1. Repeat TRI Procedures in case of Late Radial Artery occlusion, TRICO 2016,15-16 Oct 2016, NIRMA University auditorium, Ahmedabad
2. Guide extension Catheters for Transradial Intervention, TRICO 2016,15-16 Oct 2016, NIRMA University auditorium, Ahmedabad

Research Projects:

Ongoing:

➤ **As Principal Investigator**

1. Evaluation of Electrocardiographic Parameters and Serum Biomarkers in patients with Hypertrophic Cardiomyopathy, Intramural,

➤ **As Co-Investigator**

1. "Utilization of "Seismocardiography" for assessment of patients with ischemic cardiomyopathy", IIT Jodhpur

Scientific Awards/Patents:

1. Best letter to editor, The story of STENT from noun to verb, Cardiological society of India, Dec 2016

National/ International Conferences attended:

1. TRICO 2016

Department of Cardiovascular & Thoracic Surgery

S.No.	Name	Designation
1	Dr. Alok Kumar Sharma	Assistant Professor

About The Department:

Cardio-Thoracic Surgery is an area of surgery which specialized to work for Vascular, Thoracic and Cardiac malformations or acquired diseases.

Department of Cardio-Thoracic Surgery at AIIMS, Jodhpur is presently involved in diagnosis and management of Cardiac, Thoracic and vascular; including Valvular, Coronary, Tumors, Atherosclerotic and congenital cardiac malformation, syndromes and diseases. Our department also diagnose and treat surgically Aorta and Peripheral arterial diseases. Lung, Pleural, Mediastinal diseases and tumors also diagnosed and treated surgically by Department of Cardio-Thoracic Surgery.

Presently department is involved in outpatient and inpatient services to cardiac, thoracic and vascular patients. CTS department done many peripheral vascular procedures like Bypass grafting, Femoral Thromboembolectomy, IVC tumor-thrombectomy. Department already done first PDA ligation surgery, Thymectomy of AIIMS, Jodhpur.

Department is also providing support to interventional Radiology, cardiology, Oncosurgery, and any other department who were working around vessels.

Department is also working towards developing infrastructure, equipment, man-power, various protocols and SOPs, training of support staff.

The Department is also being involved in Academic activities with teaching of undergraduates and active participation in regular CGR and CPC being conducted in the Institute. Also knowing the responsibility towards the society, the Department has conducted successful public lecture and poster competition on World Heart Day on 29th Sep 2016.

Eminent Visitor:

1. Professor Shiv Kumar Choudhary, Department of CTVS, AIIMS, New Delhi
2. Professor SK Agrawal, Department of CTVS, SGPGI, Lucknow

Name of Faculty: Dr. Alok Kumar Sharma

Designation: Assistant Professor

Sessions Chaired:

1. Valve repair surgery session in EUNOIA conference held at Jaipur 18th-19th, February, 2017.

Research Projects:

Ongoing:

➤ **As Co-Investigator**

1. Evaluation of Electrocardiographic Parameters and Serum Biomarkers in patients with Hypertrophic Cardiomyopathy, Intramural,

National/ International Conferences attended:

1. IACTS CON 2017 conference held in Bengaluru from 23rd February to 26th February, 2017.
2. Workshop on valve Surgery and observer-ship tour from 02/12/2016 to 10/12/2016 at AIIMS, New Delhi.

Department of Community Medicine & Family Medicine

S. No.	Name	Designation
1.	Dr. Pankaja Ravi Raghav	Professor & Head
2.	Dr. Pankaj Bhardwaj	Associate Professor
3.	Dr. Neeti Rustagi	Associate Professor
4.	Dr. Manoj Kumar Gupta	Assistant Professor
5.	Dr. Naveen K H	Assistant Professor
6.	Dr. Prem Prakash Sharma	Assistant Professor (Biostatistics)

About The Department:

Service Delivery:

The department of Community Medicine and Family Medicine has been engaged in providing health services through the following centers in rural and urban population of Rajasthan.

- i) Swami Prabhutanand Government dispensary, Pratap Nagar (UHTC, AIIMS),
- ii) Centre for Rural Health AIIMS (CRHA) PHC Dhawa,
- iii) Centre for Rural Health AIIMS (CRHA) PHC Keru
- iv) CHC Dhundhara.

All the above health centers provide OPD services on daily basis with approximately three hundred patients in a day. The skilled doctors are available at the centers to monitor and support the maternal and child health services with the help of competent paramedical and nursing staff.

Under graduate training:

The department of Community Medicine and Family Medicine runs “Family Health Advisory Programme” to study the disease related factors and environment in the family and community. The department has the honour of being a single department which provides unique competency based training to under graduates at health centres under the supervision of faculty members and senior residents. In addition to academic learning, under graduate students are being trained in their clinical skills by posting at OPD, Laboratory, and Drug store.

Research :

The department has been involved in various research projects in the field of public health. The faculty members are actively involved in supervising under graduate students in the field of research. The department has been involved in assisting the researchers in Sampling methodology, appropriate Sample Size determination, Statistical Analysis of the research study. Since review of the literature is also an important part of research, therefore a workshop on Literature search in PubMed and Reference management was organized on 8th and 9th April 2016 by Vasumathi Sriganesh.

Health Education:

The department emphasizes the activities related to health education and creating public awareness. Keeping this mind on 7th April 2016, World Health Day was celebrated with the slogan "BEAT DIABETES", CME on Diabetes IASPM quiz competition for undergraduate students For keeping ourselves aware about the importance of Yoga in our life, International Yoga day was celebrated on 21st June 2016 in AIIMS, Jodhpur. For elderly people in old age home , various activities were organized like Musical chair, Tambola and Memory game under the aegis of " IPHACON2017" at Astha Old Age home, Jodhpur on 28th Jan 2017. A health talk was organized by Mrs. Praveen Inamdar and MPH students at Jal Bhgirathi on 25th January 2017.

Multi-diagnostic Camps:

The department participated in health camps to provide health services to the marginalized community in remote rural and slums areas.

Thirteen Health Checkup camps were organized on every Monday and Saturday in collaboration with the NGO "Hand in Hand India" in district Pali near Jodhpur during the months of May-2016 and June-2016.

Hepatitis –B vaccination programme is implemented for all faculty members, staff, MBBS and Nursing students during the month of November 2016.

Seven Health Checkup camps were organized on every Saturday in collaboration with the NGO "Hand in Hand India" in district Pali near Jodhpur during the months of November - 2016 and December-2016. World Hearing Day was celebrated at Swami Prabhutanand Government dispensary, Pratap Nagar on 3rd March 2017. A camp was organised on the same "World Hearing day" at Pratap Nagar community Centre, Jodhpur. A workshop was also organized with the title "Action for hearing loss: Make a sound investments" at AIIMS, Jodhpur on 3rd March 2017.

Women's International Day Celebrated on 8th March 2017 at Government School, Dhundhara, CRHA, Dhawa and PHC, Keru and a play on women empowerment was organized. Organised on the occasion of TB World Day awareness programme on TB at Dhundhara for anganwadi workers on 24th March 2017. Organised Poster competition for school going children on Swachha Bharat Scheme.



Camps in Picture

Any other information :

New Courses:

1. MPH course is started in January 2017; nine students across India joined the course.
2. Four students joined MD course in February 2017.

Eminent persons visiting Department:

During the IPHACON2017, eminent personalities in the field of Public Health visited Department. Naming a few of them:

S. No.	Name	S. No.	Name
1.	Dr. Damodar Bachani	47.	Dr. Suman Kanungo
2.	Dr. S.D. Gupata	48.	Dr. Amitav Banerjee
3.	Dr. Anil Manaklata	49.	Dr. Ramchandra Goyal

4.	Dr. Ravi Kumar	50.	Dr. Sharmila Malik
5.	Dr. Vikas Bhatia	51.	Dr. Suneela Garg
6.	Dr. Amarjeet Singh	52.	Dr. Neeraj Agrawal
7.	Dr. Suman Bhansali	53.	Dr. Kiran Goswami
8.	Dr. Arun Kokane	54.	Prof. Clare Gilbert
9.	Dr, C M Singh	55.	Dr. Rajan Shukla
10.	Dr. Dilip Kumar Das	56.	Dr. GVS Murthy
11.	Dr. Saroj Nanthani	57.	Dr. Basab Gupta
12.	Dr. A.K. Puri	58.	Dr. Sanjiv Kumar
13.	Dr. Inder Prakash	59.	Dr. Anuj Sharma
14.	Dr. Gowri N. Sengupta	60.	Dr. Pravana Murthy
15.	Dr. Subodh Agarwal	61.	Dr. Rajesh Bhatia
16.	Dr. C.S. Pandav	62.	Dr. D. K. Mangal
17.	Dr. Pradeep Saxena	63.	Dr. Rupali Roy
18.	Dr. G.S. Toteja	64.	Dr. Gaurav Gupta
19.	Dr. Sameer Dasgupta	65.	Dr. C P Mishra
20.	Dr. Umesh Kapil	66.	Dr. Subhash Salunke
21.	Dr. Hoshiar Chauhan	67.	Dr. Kishore Madhawani
22.	Dr. K. Rajeshwar Rao	68.	Dr. Frank Arthur
23.	Dr. M.K. Devarajan	69.	Dr. T K Joshi
24.	Dr. P.K. Sisodia	70.	Dr. Siddhartha Saha
25.	Dr. Arun K. Aggarwal	71.	Dr. Phillip Gould
26.	Dr. S.K. Kapoor	72.	Dr. Mandeep Chadha
27.	Dr. Prabir Kumar Das	73.	Dr. Pritu Dhalaria
28.	Dr. Richard Cash	74.	Dr. Pradeep Haldar
29.	Dr. Subhash Dodwad	75.	Dr. Raj Shankar Ghosh
30.	Dr. Dipika Sur	76.	Dr. Akash Malik

31.	Dr. Surajit Ghosh	77.	Dr. Anil Agarwal
32.	Dr. Mohan Kr. Doibole	78.	Dr. Reena Tilak
33.	Dr. Praksh Doke	79.	Dr. Nandini Sharma
34.	Dr. Rakesh Kumar	80.	Dr. Anil Kumar
35.	Dr. Sanghamitra Ghosh	81.	Dr. Johan Kurian George
36.	Dr. Aparajita Dasgupta	82.	Dr. Rashmi Shukla
37.	Dr. Dinesh Bhatnagar	83.	Ms. Deepti Gulati
38.	Dr. Sanjeev Kamble	84.	Mr. Suvabrata Dey
39.	Dr. Rajesh Kumar	85.	Dr. Kapil Yadav
40.	Dr. Sanjay K. Rai	86.	Dr. Shariqua Yunus
41.	Dr. K.S. Karuna Murthy	87.	Dr. sreenath Reddy
42.	Col. A. L. Sharma	88.	Dr. R P Jain
43.	Dr. D.L. Ingole	89.	Dr. Ajit Pal Singh
44.	Dr. V.M. Katoch	90.	Dr. Tarun Sharma
45.	Dr. Tushar Rane	91.	Dr. Kriti Patel
46.	Dr. J.G. Prasuna		

Name of Faculty : Dr. Pankaja Ravi Raghav
Designation : Professor & Head

Publications:

Papers:

Non-PubMed

1. Singh M, Sonkaria LK, **Raghav P** (2017) Pradhan Mantri Surakshit Matritva Abhiyan (PMSMA): New Initiative to Deliver Quality Maternal Health Care in India. MOJ Womens Health 4(2): 00081.
2. Meena J, **Raghav P**, Rustagi N Lbos 03-06 anti-hypertensive treatment compliance and adverse effect profile among hypertension clinic attendees in Jodhpur, India. J Hypertens. 2016 Sep;34 Suppl 1 - ISH 2016 Abstract Book:e552.
3. **Raghav PR**, Kumar D, Bhardwaj P. Experience of Delphi technique in the process of establishing consensus on core competencies. Int J App Basic Med Res. 2016; 6:191-4.

4. **Raghav PR**, Kumar D, Bhardwaj P. Determining competencies for the development of curriculum of Community Medicine and Family Medicine for undergraduate medical students. *J Contemp Med Edu Online First*: 2016. doi:10.5455/jcme.2016.
5. **Raghav PR**, Aishwarya K L. Understanding the Problem of Dyslexia Among Children of 3 to 7 years: Case Control Study. *Indian Journal of Community & Family Medicine*. 2016; 2(1): 73-76
6. Bhardwaj P, Sharma S, **Raghav P**, Kumar D. Assessment of growth monitoring activities under Integrated Child Development Services (ICDS) in western Rajasthan. *Int J Med Sci Public Health*. 2016; 5(7): 1355-1359.
7. **Raghav PR**, Prasad NB, Dholakia M, A study of road traffic accidents and road safety behavior in Pune: a mixed –method approach. *Indian journal of community & family medicine*. 2015; 1(2).75-78

Sessions Chaired:

1. Stop Diabetes- Global approach Integrated yoga for non-communicable diseases: Research experience at S-VYASA in CME on Diabetes on 7th April 2016
2. Oral/ Poster Presentation in National Seminar on Occupational health at AIIMS Jodhpur on 6th & 7th July 2016
3. 33rd National Conference on “Mind-Body Medicine at Abu Road, 26th to 27th August 2016 as a ‘Guest of Honour’
4. Vector Control Session of International Conference “Eco-friendly & socially responsive economy & equity: issues & challenges of 21st century for emergent sustainable development amongst SAARC countries” (saarc-ecube-2016) at Udaipur, 9th to 11th January 2017
5. Dr. S N Kale Oration in NMOCON 2017 on 11th February 2017
6. Oral Presentation session on non-communicable diseases in IPHACON 2017 on 24th Feb to 26th February 2017.
7. Dr. K. N. Rao Memorial Oration: in IPHACON 2017 24th Feb to 26th Feb 2017

Invited Lectures:

1. Issues in Adolescent health in Adarsh Vidyamandir School, Jodhpur in February 2017
2. “Silicosis in Rajasthan” at AIR Pneumo Training Workshop at Central Chest Institute of Thailand, Nonthaburi Province, Thailand, 21st to 23rd December 2016

Symposium Speaker:

1. Delivered a talk on “Occupational Health Surveillance System” during national seminar on Occupational health.

2. Understanding the complexities of Diabetes care : Role of Medical Institutions during CME on Diabetes on 7th April 2016.

Resource Faculty:

1. "Ethical issues in research " Research Methodology workshop on 10th February in NMOCON 2017
2. "Occupational Health Hazard' Pre-conference workshop on 23rd February 2017 in IPHACON 2017
3. Evidence based medicine workshop :
 - a. Cross sectional studies and cohort studies in evidence based medicine workshop in May 2016 for faculty at AIIMS, Jodhpur
 - b. "Cohort studies" – Evidence based medicine workshop on 2nd September 2016, AIIMS Jodhpur
4. Medical education: Teaching Methods – Medical Education Orientation Workshop at AIIMS Jodhpur. 24th March 2017

Research Projects:

Completed :

1. "Assessment of prevalence, correlates and health parameters of opium users among rural population of Jodhpur: A multi method approach"- Intramural
2. Determining competencies for the discipline of Family Medicine and Community Medicine for undergraduate medical students.

Ongoing:

➤ **As Principal Investigator :**

1. Survey for Monitoring the National Non Communicable Diseases (NCD) Targets, Funded by WHO through ICMR- Extramural
2. A study to explore the risk factors for Chronic Obstructive Pulmonary Disease (COPD) among women not exposed to tobacco smoke- Intramural
3. Group concept mapping versus traditional method to teach vector borne diseases: A comparative study

➤ **As Co-Investigator**

1. A structured modular intervention for enabling General Practitioners and allied health professionals in providing pre- hospital care in Jodhpur: a mixed method study – Intramural
2. Validation of color coded rings for cervicograph and Knowledge and Skill Upgradation of Skilled Birth Attendants (SBAs) for Labor and Delivery Management at Sub District Level in rural Jodhpur- Intramural

Scientific Awards/Patents:

1. Fellowship of Indian Public Health Association Awarded at 60th IPHACON 2016

Examinership:

1. MBBS. Rajasthan University of Health Sciences
2. Framing Multiple Choice Questions for DNB Community Medicine. National Board of Examination, April & August 2014
3. External Examiner at Dr. S.N. Medical College, Jodhpur from 16th & 17th August 2016
4. Board of Examiners for MBBS 3rd Professional Community Medicine Annual Examination held in 21–27th Nov. 2016, at Maulana Azad Medical College, New Delhi
5. External Examiner at AIIMS, Rishikesh, 05th to 06th December 2016

Membership/Post in Journal or Society or Association :

1. Elected as Vice president (West) IPHA.
2. Founder member and Secretary general, Indian Association of Adolescent Health, Rajasthan Chapter.
3. Editorial board, International Journal of Biomedical Research; Science Publications.
4. Deputy Editor, Indian Journal of Community & Family Medicine; AIIMS Bhubaneswar under aegis of MOHFW.
5. Editorial board, International Journal of Communicable Disease; Innovative Publications.
6. Member; International Epidemiological Association.
7. Editorial board, Open access Biomedical Publishers; Web med central.

National/International Conferences attended:

1. Methods in Epidemiologic, Clinical and Operations Research (MECOR) India Course level 2. Indian Chest Society, CDC & American Thoracic Society, Jaipur, Jan 2016.
2. AIR Pneumo Training Workshop at Central Chest Institute of Thailand, Nonthaburi Province, Thailand, 21st to 23rd December 2016
3. Workshop on Finalizing Operational Manual for National NCD Monitoring Survey at AIIMS, New Delhi, 02nd & 3rd September 2016
4. International Conference (SAARC-ECUBE-2016) at Udaipur, 09th to 11th January, 2017
5. NMOCON-2017 at AIIMS Jodhpur from 10th February 2017

Workshops/Conferences Organized:

1. Organising Chairperson ,CME on Diabetes on 7th April 2016.
2. Organising Chairperson ,Workshop on Literature Search in Pub Med and Reference Management on 8th and 9th April 2016
3. Coordinator, International Yoga Day celebrated in AIIMS, Jodhpur on 21 June 2016.
4. Organising Secretary ,National Seminar on Occupational health on 7th and 8th July 16
5. Chairperson, Scientific Committee , National Conference of National medicos Organisation from 10th to 12th February 2017.
6. Coordinator, Research methodology workshop in NMOCON on 11th February 2017
7. Organising Secretary, 61st National conference of Indian Public Health Association (IPHA) and 1st State conference of IPHA, Rajasthan for 24th to 26th February 2017.
8. Chairperson, Scientific committee, NMOCON 2017 from 10th Feb- 12th Feb 2017

Name of Faculty : Dr. Pankaj Bhardwaj

Designation : Associate Professor

Publications:

Papers :

PubMed:

1. Shailja Chambial, **Pankaj Bhardwaj**, Abbas Ali Mahdi, Praveen Sharma. Lead Poisoning Due to Herbal Medications. Ind J Clin Biochem (Apr-June 2017) 32(2):246–247.

Non-PubMed:

1. Raghav PR, Kumar D, **Bhardwaj P**. Experience of Delphi technique in the process of establishing consensus on core competencies. Int J App Basic Med Res 2016;6:191-4
2. Raghav PR, Kumar D, **Bhardwaj P**. Determining competencies for the development of curriculum of Community Medicine and Family Medicine for undergraduate medical students. J Contemp Med Edu. 2016;4:2.
3. **Bhardwaj P**, Sharma S, Raghav P, Kumar D. Assessment of growth monitoring activities under Integrated Child Development Services (ICDS) in western Rajasthan. Int J Med Sci Public Health. 2016; 5(7): 1355-1359.

Sessions Chaired:

1. Challenges in controlling Communicable Diseases, 61st Annual national Conference of Indian Public Health Association (IPHA), at AIIMS Jodhpur, 24–26 February, 2017.

Invited Lectures:

1. “Operational Challenges for use of I/D vaccine in western Rajasthan, Sharing experience” at 5th National Conference of Consortium Against rabies, 4th March-5th March, Integral University Lucknow.
2. “Epidemiology of Parasitic Infections in Rajasthan”, during Rajasthan Chapter of Indian Academy of Tropical Parasitology at AIIMS, Jodhpur, 2nd -3rd September 2016

Resource faculty:

1. Scientific Paper Writing Workshop- 29th -31st March 2017. Thimphu, Bhutan. Workshop sponsored by Bhutan Foundation.
2. Problem Based Learning – Medical Education Orientation Workshop at AIIMS Jodhpur. 24th March 2017
3. Faculty Advisor, at CMCL FAIMER Ludhiana, 6th and 7th February 2017.
4. Resource Person – Preconference workshop- Annual National Conference of Indian Association of Surgical Oncology NATCON-IASO 2016 from 22nd to 25th September 2016, Jodhpur.

Research Project:

Completed:

1. Immunization coverage and its determinants among 12-23 months old children of Jodhpur, ICMR-STC Project by Vipul Yadav

Scientific Awards/Patents :

1. Travel Grant - To attend “Academic Teachers Training Course” at LMU, Munich, Germany 24th Oct to 6th Nov 2016.
2. Scholarship for attending CHF INCLIN Advanced Vaccinology Course ADVAC 2016, at Gurgaon from 6th June to 11th June 2016.

Examinership:

1. Dr SN Medical College, Jodhpur, 16th to 18th February 2017.
2. B J Medical College, Ahmedabad, 18th to 19th July 2017.
3. GMC Surat, 11th to 12th July 2017.

National/ International Conferences attended:

1. 61st Annual national Conference of Indian Public Health Association (IPHA), at AIIMS Jodhpur, 24th–26th February ,2017.
2. Annual National Conference of National Medicos (NMOCON), at AIIMS, Jodhpur, 10th – 12th February 2017.
3. Workshop on “Manuscript writing & Publication ethics & Research methodology, at AIIMS, Jodhpur, 20th – 21st September 2016.

4. Rajasthan Chapter of Indian Academy of Tropical Parasitology at AIIMS, Jodhpur, 2nd - 3rd September 2016.
5. National Seminar on Occupational Health at AIIMS, Jodhpur, 7th – 8th July 2016.
6. National Consultation on Norms for RHTC/UHTC of Medical College in India, at KGMU Lucknow, from 13th October to 15th October, 2016.
7. CME on “Diabetes: high time to act” at AIIMS, Jodhpur, 7th April 2016
8. Workshop on “Literature search in Pub-Med & reference management” at AIIMS, Jodhpur, 8th April 2016.

Workshops/ Conferences Organized:

1. Joint Organizing Secretary, IPHACON 2017, AIIMS Jodhpur.
2. Coordinator for Celebrating Healthy Ageing In Old Age Home, during IPHACON2017, at AIIMS Jodhpur.

Name of Faculty: Dr. Neeti Rustagi

Designation : Associate Professor

Publications:

Non-Pubmed:

1. Agrawal A, Munivenkatappa A, **Rustagi N**, Mohan P R, Subrahmanyam B V. Epidemiological characteristics affecting outcome in traumatic brain injury. J Med Soc 2017; 31:28-31.

Papers Presented:

1. Oral presentation on Instructor training program in Pre- hospital trauma care : a multi institutional study in World Trauma Congress organized by AIIMS Delhi at Vigyan Bhawan from 16th to 20th August, 2016

Sessions Chaired:

1. Chaired session on Oral paper presentations on Maternal and child Health during for 61st Annual National conference of IPHA held from 24th February 2017 to 26th February 2017 held at AIIMS Jodhpur

Invited Lectures:

1. Lecture on “ Need of Multi-sectoral approach to Road traffic Injuries: Experiences from Delhi & Rajasthan “in scientific session on Road traffic Injuries in India: Need for Multi-sectoral Response during for 61st Annual National conference of IPHA held from 24th February 2017 to 26th February 2017 held at AIIMS Jodhpur

Resource Faculty:

1. "ATLS Provider course" from 20th December, 2016 to 23rd December 2016 at JPN Apex Trauma Center, AIIMS New Delhi.
2. Invited expert for Meeting of Low endemic states (Non Leprosy Case Detection Campaign) at Mount Abu, Rajasthan organized by State Leprosy Division from 30th November to 2nd December, 2016.
3. "ATLS Provider course" from 22nd September, 2016 to 24th September 2016 at JPN Apex Trauma Center, AIIMS New Delhi.

Research Projects:**Ongoing:**➤ **As Principal Investigator**

1. A structured modular intervention for enabling General Practitioners and allied health professionals in providing pre- hospital care in Jodhpur: a mixed method study" - Intramural funding from AIIMS Jodhpur.

➤ **As Co-Investigator**

1. Piloting of the National NCD Monitoring survey – a four site study; ICMR funded proposal.

Scientific Awards/Patents:

1. IAPSM Ford foundation Grant for year 2016-17 awarded at 44th Annual National conference of IAPSM held at Science city, Kolkata from 8th February, 2017 to 13th February 2017.

National/ International Conferences attended:

1. 44th Annual National conference of IAPSM held at Science city, Kolkata from 8th February, 2017 to 13th February 2017.
2. World Trauma Congress organized by AIIMS Delhi at Vigyan Bhawan from 16th to 20th August, 2016.
3. Basic Biostatistics course at SGPGI Lucknow from 25th to 28th August, 2016

Workshops/ Conferences Organized:

1. Joint Organizing Secretary for 61st Annual National conference of IPHA held from 24th February 2017 to 26th February 2017.
2. Coordinator and Resource Faculty for Pre Hospital trauma care workshop organized in IPHACON 2017 on 23rd February, 2017 at AIIMS Jodhpur.

Name of Faculty : Dr. Manoj Kumar Gupta

Designation : Assistant Professor

Publications:

Non-Pubmed:

1. **Gupta MK**, Rajachar V. Swift changing face of Indian Healthcare Industry: A Commentary. National Journal of Community Medicine 2016;7(7):640-643.
2. **Gupta MK**, Sengupta A, Visengrawala F. Empowerment and engagement of SHG women against HIV/AIDS in India: An interventional study. Journal of Comprehensive Health 2016;4(2):
3. Raju S, **Gupta MK**, Visengrawala F. An educational intervention to empower and engage the SHG women against cervical cancer. International Journal of Health Sciences & Research 2016;6(5):1-7.
4. Prabha C, Srivastava RK, **Gupta MK**, Singh GP, Singh SP. Status of Anganwadi workers in rural areas of Varanasi district, India. Indian Journal of Preventive and Social Medicine 2016; (accepted for publication on 06-04-2016)
5. Prabha C, Srivastava RK, Singh GP, Singh SP, **Gupta MK**. A field trial to improve the practices of Anganwadi workers related to growth monitoring. International Journal of Recent Scientific Research 2016;7(4):10472-78.
6. Prabha C, Srivastava RK, Singh GP, Singh SP, **Gupta MK**. An intervention to improve the knowledge of Anganwadi Workers pertaining to Growth Monitoring in Rural Areas of Varanasi District, India. International Journal of Research in Medical Sciences 2016;4(6):2030-2038

Papers Presented:

1. Prabha C, Srivastava RK, **Gupta MK**. An intervention to improve the knowledge of Anganwadi Workers pertaining to Growth Monitoring in Rural Areas of Varanasi. IPHACON 2017, organized at AIIMS Jodhpur from 24th to 26th February, 2017

Sessions Chaired:

1. Non Communicable Disease, IPHACON 2017, 24th to 26th February, 2017, AIIMS Jodhpur

Resource Faculty:

1. Workshop on Research Methodology, 37th Annual Conference of National Medicos Organization and 1st Conference of NMO jodhpur, 11-12th Feb 2017 at AIIMS Jodhpur

Research Projects:

Ongoing:

➤ **As Principal Investigator.**

1. Validation of color coded rings for cervicograph and Knowledge and Skill Upgradation of Skilled Birth Attendants (SBAs) for Labor and Delivery Management at Sub District Level in rural Jodhpur. Intramural, funded by AIIMS Jodhpur

➤ **As Co-Investigator.**

1. Survey for Monitoring the National Non Communicable Diseases (NCD) Targets, Funded by WHO through ICMR

Membership/ Post in Journal or Society or Association:

1. Member of Indian Association of Preventive & Social Medicine (IAPSM)
2. Member of National Medicos Organization (NMO)
3. Member of Indian Association of Adolescent Health (IAAH)

Workshops/ Conferences Organized:

1. As Joint Organizing Secretary in 61st Annual National Conference of Indian Public Health Association (IPHA) & First State Conference of IPHA Rajasthan Branch, 24th - 26th February 2017 at AIIMS, Jodhpur

Any other information:

1. Attended 75th National Course on Educational Science for Teachers of Health Professionals, held from 19th to 24th September 2016 in the Department of Medical Education, JIPMER, Pondicherry.

Name of Faculty : Dr. Naveen K. H

Designation : Assistant Professor

Publications:

Non-Pubmed:

1. Kumaraswamy SKA, **Naveen KH**, Nagaraja MS, et al. Profile of psoriasis among in-patients of dermatology department of a government tertiary care teaching hospital in Mysore: a medical record based study. J. Evolution Med. Dent. Sci. 2016;5(19):959-963.
2. **Naveen KH**, Dwivedi S, Hassan MA. Morbidity profile among elderly population in rural areas of Allahabad district. Is there any gender difference? Int. J. Preven. Curat. Comm. Med. 2016; 2(1): 71-78.

Sessions Chaired:

1. Reproductive and Child health (RCH), IPHACON 2017, 24th to 26th February, 2017, AIIMS Jodhpur
2. Chaired oral paper session in Annual National Conference of National Medicos Organization (NMOCON 2017), 10th to 12th February 2017.

Resource Faculty:

1. Pneumococcal vaccination for cochlear implant recipients (Newer vaccines: Challenges and opportunities) in 61st Annual National Conference of Indian Public Health Association (IPHA) & First State Conference of IPHA Rajasthan Branch, 24th - 26th February 2017 at AIIMS, Jodhpur
2. Protocol Design and Introduction to Evidence Based Medicine for PGs and MPH Students, 6th- 10th April 2017, at AIIMS, Jodhpur
3. Introductory Course on 'Evidence Based Medicine' for Faculty (Second Session) 18th- 26th April 2017, at AIIMS, Jodhpur

Research Projects:

Ongoing:

➤ **As Co-Investigator**

1. Validation of color coded rings for cervicograph and Knowledge and Skill
2. Upgradation of Skilled Birth Attendants (SBAs) for Labor and Delivery Management
3. at Sub District Level in rural Jodhpur. Intramural, funded by AIIMS Jodhpur

Membership/ Post in Journal or Society or Association :

1. Member of Indian Association of Preventive & Social Medicine (IAPSM)
2. Member of Indian Public Health Association (IPHA)
3. Member of Karnataka Association of Community Health (KACH)
4. Member of National Medicos Organization (NMO)

Workshops/ Conferences Organized:

1. Member of Organizing committee in 61st Annual National Conference of Indian Public Health Association (IPHA) & First State Conference of IPHA Rajasthan Branch, 24th - 26th February 2017 at AIIMS, Jodhpur
2. Coordinator for three level debate on the topic “Community Medicine, Public Health & Family Medicine: Many facets of a single discipline” during 61st Annual National Conference of Indian Public Health Association (IPHA) & First State Conference of IPHA Rajasthan Branch, 24th - 26th February 2017 at AIIMS, Jodhpur

Any other information:

ICMR STS Research Project Completed:

Usage and factors influencing safety helmet use by motorcyclists in Mysore city- A Population based observational study. Student name: Ms. Manasa B Anand

Name of Faculty : Dr. Prem Prakash Sharma

Designation : Assistant Professor (Biostatistics)

Publications:

Pubmed:

1. Myneedu VP, Singhal R, Khalid UK, **Sharma PP**, Bhalla Manpreet, Behera D, Sarin R. First and Second line drug resistance among treatment naïve pulmonary tuberculosis patients in a district under Revised National Tuberculosis Control Programme (RNTCP) in New Delhi. J Epidemiol Glob Health. 2015 Dec;5(4):365-73.

Papers Presented:

1. **Sharma PP**, Myneedu VP, Jaiswal A, Khalid UR ,Sarin R. Trends in tuberculosis mortality amongst hospitalized patients in a tertiary tuberculosis hospital in Delhi. 37th Annual Conference of IASP on “Population and Sustainable Development” during Dec 7-9, 2016, Institute of Economic Growth, University of Delhi, Delhi.

Sessions Chaired:

1. Communicable Disease, 61st Annual national conference of Indian Public Health Association (IPHA); 25th Feb 2017, AIIMS, Jodhpur.

Research Projects:

Ongoing:

➤ **As Co-Investigator**

1. “Impact of Climate Variability and Change in Respiratory Health, Morbidity and Mortality” Department of Science and Technology, Govt. of India, National Institute of Tuberculosis and Respiratory Diseases, Sri Aurobindo Marg, New Delhi ,since 2013.
2. “Novel Sample Processing for the Simple and Rapid diagnosis of TB, MDR-TB and XDR-TB”. Department of Biotechnology, Govt. Of India, National Institute of Tuberculosis and Respiratory Diseases, Sri Aurobindo Marg, New Delhi, since May-2015.

National/ International Conferences attended:

1. 37th Annual Conference of IASP on “Population and Sustainable Development”, Indian Association for Study of Population, Institute of Economic Growth, University of Delhi, Delhi, Dec 7-9, 2016.
2. Annual National Conference of NMO, National Medicos Organisation, Rajasthan, AIIMS Jodhpur, 10th -12th Feb 2017.
3. 61st Annual national conference of Indian Public Health Association (IPHA) ; Department of Community Medicine and Family Medicine ,AIIMS Jodhpur, 24th to 26th Feb 2017.

Any other information:

1. Guest Faculty for teaching Biostatistics to PG (MD) students at Dr. Sarvepalli Radhakrishnan Rajasthan Ayurved University, Kadwad, Jodhpur, Rajasthan.

Department of Dentistry

S.No.	Name	Designation
1	Dr. Vinay K Chugh	Associate Professor
2	Dr. Ankita Chugh	Associate Professor
3	Dr. Kirti Chaudhry	Assistant Professor

About The Department:

The Department of Dentistry at present has One Associate Professor, two Assistant Professors, four Senior Residents and four Junior Residents. From 1st April 2016 to 31st March 2017 approximately 11423 new patients were seen in the out-patient department. We cater to more than 100 patients daily which includes approximately 50-60 new patients. Approximately 6625 Intraoral X rays, 1417 Root Canal Treatment (RCTs), 2735 Restorations and Oral prophylaxis, 1524 Minor oral surgical procedures, 127 Prosthodontic Dental Implants and 61 Major surgical procedures have been done in the above mentioned period. Orthodontic treatment facility has been started recently and almost 30 patients are under active treatment. Our IPD procedures include major surgical procedures like trauma, OSMF, Oral cancers, TMJ ankylosis, benign pathologies like cyst, tumors and infections. Dental implants facilities like "All on Four", Sinus Lift procedure and Full Mouth Rehabilitation Procedure are also being done.

Eminent Visitors:

Prof. K Gauba, Chairman, Oral Health Sciences Centre, PGIMER Chandigarh

Name of Faculty: Dr. Vinay K. Chugh

Designation: Associate Professor

Publications:

Non-Pubmed:

- Chugh A, Singh S, Thareja P, Mittal Y, **Chugh VK**. Oral health related Quality of Life among students and health care workers of a tertiary health care centre. Int J Dent Health 2016;3(2):262-467
- Chugh A, Gupta N, **Chugh VK**. Ectodermal dysplasia with true anodontia- Case report with review. Indian Journal Multidisciplinary Dentistry 2016;6(2):124-28

Papers Presented:

1. **Chugh VK.** Class III correction during early and late mixed dentition: Is it an another paradigm shift? 29th Indian Society of Dental Research Conference, 9th-11th Dec 2016 at KGMU, Lucknow.
2. **Chugh VK.** Conventional face mask therapy versus bone anchored maxillary protraction. 51st Indian Orthodontic Conference, 3rd-6th Nov 2016, Goa.

Sessions Chaired:

1. Chairperson, Scientific Session, 29th Indian Society of Dental Research Conference, 9th-11th Dec 2016 at KGMU, Lucknow.
2. Chairperson, Student Scientific Session, 21st Indian Orthodontic Society(IOS), PG Convention, 16th -19th Feb 2017, BHU, Varanasi.

Invited Lectures

1. First order, Second Order and Third Order Bends in Standard Edgewise Technique and their Clinical Implications at 21st Indian Orthodontic Society(IOS), PG Convention, 16th -19th Feb 2017, BHU, Varanasi.

Resource Faculty:

1. Workshop on “Basic Course on Standard Edgewise Technique” at 21st Indian Orthodontic Society(IOS), PG Convention, 16th -19th Feb 2017, BHU, Varanasi.

Research Projects:

Ongoing:

➤ **As Principal Investigator**

Title: Prevalence of Fluorosis in the Community of Selected Districts of India and Development of an Appropriate Intervention Model for Prevention and Control of Fluorosis
Funding Agency: ICMR, New Delhi

Collaborating Institute: Regional Medical Research Centre (ICMR), Bhubaneswar, Odisha, National Institute of Research in Tribal Health (ICMR), Jabalpur, Madhya Pradesh, National Institute of Nutrition (ICMR), Hyderabad, Telangana, Post Graduate Institute of Medical Education & Research, Chandigarh, All India Institute of Medical Sciences, Patna, Guwahati Medical College, Assam, Central Co-ordinating Unit – CNRT, ICMR, New Delhi.

➤ **As Co-Investigator**

1. Developing standard for age estimation based on third molar development
2. Estimation of sex from dental arch dimensions (Funded by AIIMS, Jodhpur)

Membership/ Post in Journal or Society or Association:

1. Associate Editor member "Indian Journal of Anatomy and Surgery of Head, Neck and Brain".

National/ International Conferences attended:

1. 51st Indian Orthodontic Conference, 3rd-6th Nov 2016, Goa.
2. 29th Indian Society of Dental Research Conference, 9th-11th Dec 2016 at KGMU, Lucknow.
3. 21st Indian Orthodontic Society(IOS), PG Convention, 16th -19th Feb 2017, BHU, Varanasi.

Name of Faculty: Dr. Ankita Chugh

Designation: Associate Professor

Publications:

Pubmed:

1. Rustagi N, Rathod AS, Meena JK, **Chugh A**. Neglected health literacy undermining fluorosis control efforts: A pilot study among school children in an endemic village of rural Rajasthan, India- Accepted in Journal of Family Medicine and Primary care
2. Mittal Y, **Chugh A**, Varghese GK, Dwivedi S, Goyal V. Management of recurrent odontogenic myxoma of mandible- A Case Report. Journal of Clinical and Diagnostic Research. 2016 Oct, Vol-10(10): ZD30-ZD31

Non-Pubmed:

1. **Chugh A**, Singh S, Thareja P, Mittal Y, Chugh VK. Oral health related Quality of Life among students and health care workers of a tertiary health care centre. Int J Dent Health 2016;3(2):262-467
2. **Chugh A**, Gupta N, **Chugh VK**. Ectodermal dysplasia with true anodontia- Case report with review. Indian Journal Multidisciplinary Dentistry 2016;6(2):124-28

Papers Presented:

1. Diagnostic Dilemma and Challenges of Fibro-osseous lesions. 29th ISDR at KGMU Lucknow 2016.
2. Hybrid lesions of jaws. 41st Annual National AOMSI Conference at Ahmedabad (2016)

Sessions Chaired:

1. Chairperson, Scientific Session, 29th Indian Society of Dental Research Conference, 9th-11th Dec 2016 at KGMU, Lucknow.

Invited Lectures

1. Medical emergencies in Dental office at NMOCON 2017 at AIIMS Jodhpur.
2. Oral Submucous Fibrosis - Management at AOMSI Rajasthan Chapter on 12th February 2017
3. All on 4: Full Mouth rehabilitation—at AOMSI Rajasthan Chapter on 12th February 2017

Symposium Speaker

1. Oral Cancer: Diagnosis, Prevention and Treatment: Public health Professionals perspective. Resource faculty for preconference workshop in IPHACON 2017 on at AIIMS Jodhpur

Resource Faculty:

1. Resource faculty for preconference workshop in IPHACON 2017 on 25th February 2017 at AIIMS Jodhpur

Research Projects:

Ongoing:

➤ **As Principal Investigator**

1. Correlation of miR 155 and miR101 expression with c-fos in patients of Oral submucous fibrosis and Oral squamous cell carcinoma.

➤ **As Co-Investigator**

1. Developing standard for age estimation based on third molar development
2. Estimation of sex from dental arch dimensions
3. Post-operative bleeding in patients on Aspirin therapy regimens: An observational study

Completed:

➤ **As Principal Investigator**

1. Randomized Placebo Control Open label trial for comparison of effect of Submucosal Injection of Dexamethasone and Methylprednisolone on Postoperative Discomfort after Third Molar Surgery

National/ International Conferences attended:

1. BLS and ACLS Provider course organised by Department of Anaesthesiology, AIIMS, Jodhpur from 11th -13th November 2016.
2. 41st Annual National AOMSI Conference at Ahmedabad (2016)
3. 29th Indian Society of Dental Research Conference, 9th-11th Dec 2016 at KGMU, Lucknow.
4. IPHACON 2017 on 25th February 2017 at AIIMS Jodhpur

5. NMOCON 2017 at AIIMS Jodhpur

Name of Faculty: Dr. Kirti Chaudhry

Designation: Assistant Professor

Publications:

Pubmed:

1. **Dutt KC**, Bindra S, Awana M, Talwar M, Lehl G. Intraosseous Leiomyoma of the Mandible: A Case Report of the Rare Entity and Review of Literature. J Maxillofac Oral Surg. 2016 Jun;16(2):145-151.

Papers Presented:

1. Maxillo-mandibular Dirofilariasis: Indian Review. Indian academy of Parasitology. 2- 3rd Sept 2016. AIIMS Jodhpur, Rajasthan.
2. Dirofilariasis. Case report and review of World Literature. 41st AOMSI, Gujarat, 23- 26 November 2016.

Research Projects:

Ongoing:

➤ **As Principal Investigator**

1. Ultrasonography and color Doppler: An emerging diagnostic modality in surgical endodontics. (Funding Agency – AIIMS Jodhpur)
2. Cephalometric Analysis in Obstructive Sleep Apnoea Patients.
3. Evaluation of Quality of Life in patients with Oral Submucous fibrosis.
4. Evaluating the reliability of four dental age estimation methods in north west population of India. (Collabrating institute – Government Medical college and hospital, Chandigarh)

National/ International Conferences attended:

1. Rajasthan chapter of Indian academy of Parasitology. 2- 3rd Sept 2016
2. 10th World Congress of Oral Implantology and AAID Global Conferences 2016. New Delhi; 10 Nov – 13 Nov 2016.
3. 41st AOMSI, Gujrat, 23th to 26th November 2016.

Department of Dermatology

S.No.	Name	Designation
1	Dr. Abhishek Bhardwaj	Associate Professor
2	Dr. Saurabh Singh	Assistant Professor

About The Department:

The Department of Dermatology at AIIMS Jodhpur strives to be a center for excellence in patient care, teaching and research. The period of last 12 months, have been of a constant endeavor to construct and follow a road map for establishing a structure that will satisfactorily meet the best standards.

With our efforts we have been able to increase our OPD load, IPD admissions and have added several services like Dermatologic procedures, Dermato-pathology, Dermoscopy and allergic patch testing. Infact presently, our OPD is one of the busiest in the hospital. Our impetus is on providing care by practicing Evidence based Medicine.

The department is actively involved in undergraduate MBBS teaching with lectures, clinical teaching, case-presentations. For keeping abreast with the rapidly changing facets of our discipline, we are regularly holding a Departmental Journal club.

To uphold the spirit of Research, the department is currently conducting 3 research projects. Dissemination of knowledge is another priority of the department and for this we plan to conduct workshops/ CMEs in near future, directed to both the students and the specialists.

Name of Faculty: Dr. Abhishek Bhardwaj

Designation: Associate Professor

Publications:

Non- Pubmed:

1. Singh G, Rathore BS, **Bhardwaj A**, Sharma C. Non venereal benign dermatoses of vulva in sexually active women: a clinical study. Int J Res Dermatol 2016;2:25-9

Research Projects:

➤ As Principal Investigator:

1. Evaluation of Clinico-mycological characteristics of Dermatophytosis in Western Rajasthan

➤ **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.

Scientific Award/Patent:

1. Won Bronze as team-member in Medical technology Innovation Workshop held at AIIMS, Jodhpur on 12th February 2017.

National/ International Conferences attended:

1. 4th Mid- Dermacon, the mid-term conference of Indian Association of Dermatologists, Venereologists and Leprologists held at Bhubaneswar on 13-14th August 2016
2. Introduction to Cochrane Systematic Reviews and Meta-analysis, held at AIIMS Jodhpur on 20 August 2016 .
3. 37th Cuticon Rajasthan, the annual conference of Rajasthan chapter of Indian Association of Dermatologists, Venereologists and Leprologists held at Bikaner on 23rd October 2016
4. 45th, DERMACON 2017, National Conference of Indian Association of Dermatologists, Venereologists and Leprologists, held at Kolkata on 12-15 January 2017.

Any other information:

1. Invited specialist for a live phone-in Radio Programme on “General skin problems” on All India Radio, Jodhpur .

Name of Faculty: Dr. Saurabh Singh

Designation: Assistant Professor

Publications:

Pubmed:

1. Gupta LK, Martin AM, Agarwal N, D’Souza P, Das S, Kumar R, Pande S, Das NK, Kumaresan M, Kumar P, Garg A, **Singh S**. Guidelines for the management of Stevens Johnson syndrome/ Toxic epidermal necrolysis: An Indian perspective. Indian J Dermatol Venereol Leprol 2016;82:603-25.
2. Khandpur S, **Singh S** (co-first author), Mallick SR, Sharma VK, Iyer V, Seth A, Kumawat M. Uro-cytological evaluation of Pemphigus patients on long term cyclophosphamide therapy: a cross sectional study. [accepted as original article in Indian Journal of Dermatology, Venereology and Leprology]

3. Khullar G, **Singh S**, Saikia UN, Kumar A, Singh MP, Kanwar AJ. Squamous cell carcinoma of the nail fold masquerading as pyogenic granuloma: a rare entity. *Indian J Dermatol Venereol Leprol* 2016;82:555-7.
4. Khullar G, **Singh S**, Agrawal S, Sachdeva MUS, Saikia UN. Linear non-palpable purpura in a young male: a unique presentation of leukemia cutis in T-cell prolymphocytic leukemia. *Int J Dermatol* 2017;56:e65-7.
5. **Singh S**, Khullar G, De D. Peizogenic pedal tumors of obesity: unusual presentation of an innocuous dermatosis. *Indian Dermatol Online J* 2017;8:56-7.
6. Panth A, **Singh S**, Khanna N. Dermographic urticaria induced by long pulsed diode laser assisted epilation: rare etiology of a common eruption. *Indian Dermatol Online J* 2017;8:136-7.
7. **Singh S**, Khullar G, Sharma T, Elhence P. An unusual case of syringocystadenocarcinoma papilliferum in situ with macular amyloidosis. *JAMA Dermatol* 2017. doi: 10.1001/jamadermatol.2017.0397

Papers Presented:

1. Reactive eccrine syringofibroadenomatosis occurring over chronic plaque psoriasis. **E-poster** at the 25th European Academy of Dermatology and Venereology Congress, 28th September to 2nd October 2016, Vienna, Austria.

Sessions Chaired:

1. Common tissue reactions and recognising a special stain” at the PGCON and DERMAZONE (North) conference, 15-17 July 2016, PGI Chandigarh.

Invited Lectures:

1. Conducted the IADVL-GSK national Dermatology Quiz for Post Graduates, State finals (Punjab, Himachal, Haryana, Jammu and Kashmir) at the Annual Cuticon of Punjab and Himachal State branches of IADVL 2016, November 5 & 6, Ludhiana.
2. Clinico-Pathologic Correlation, at the International Dermatopathology Conference and Annual Meeting of the Dermatopathology Society of India 2016, November 11-13, PGI Chandigarh.
3. Panelist in session on ‘Panniculitis and Neutrophilic Dermatoses’, at DERMACON 2017, January 12-15, Kolkata.

Research Projects:

Ongoing:

- **As Principal Investigator**

1. Evaluation of the role of cardiovascular autonomic function and peripheral vascular endothelial function in patients with primary hyperhidrosis.
2. 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.

➤ **As Co-Investigator-**

1. Evaluation of Clinico-mycological characteristics of Dermatophytosis in Western Rajasthan

Membership/ Post in Journal or Society or Association :

1. Convener of Dermatopathology Special Interest Group of Indian Association of Dermatologists, Venereologists and Leprologists
2. Section editor of Dermatopathology, Indian Dermatology Online Journal

National/ International Conferences attended:

1. PGCON and DERMAZONE (North) conference, 15-17 July 2016, PGI Chandigarh.
2. 25th European Academy of Dermatology and Venereology Congress, 28th September to 2nd October 2016, Vienna, Austria.
3. Annual Cuticon of Punjab and Himachal State branches of IADVL 2016, November 5 & 6, Ludhiana.
4. International Dermatopathology Conference and Annual Meeting of the Dermatopathology Society of India 2016, November 11-13, PGI Chandigarh.
5. 45th National Conference of Indian Association of Dermatologists, Venereologists and Leprologists, DERMACON 2017, January 12-15, Kolkata.

Department of Otorhinolaryngology

S.No.	Name	Designation
1	Dr. Amit Goyal	Additional Professor
2	Dr. Bikram Choudhury	Associate Professor
3	Dr. Kapil Soni	Assistant Professor
4	Dr. Darwin	Assistant Professor

About The Department:

Three more faculties joined the Department in last year. So the clinical, academic and research activities have been accelerated. Two PG seats per annum have been accepted and will start from July, 2017 session. A number of intramural projects have been submitted and accepted.

The Department has increased its clinical services into the fields of Head and Neck Surgery (including Cancer surgeries), Rhinoplasty and aesthetic surgery, Sleep Surgeries etc. The existing skull base and cochlear implant surgery programs have been further strengthened and elevated to the next level. Now we are getting many patients with complex diseases, being referred to us from outside Rajasthan and sometimes from New Delhi, Ahmedabad and Mumbai also. There has been a great increase in our OPD patient numbers and Indoor admissions. Number of surgeries performed is also on great rise.

Regular tumour clinic and Pre-operative clinic have been initiated along with regular journal clubs and seminars for teaching of residents. We are also regularly participating in Institutional academic activities and innovating teaching methods for the undergraduates.

The department is regularly organizing regular Hands-on workshops and courses for the benefit of newer surgeons.

Name of Faculty: Dr. Amit Goyal

Designation: Additional Professor

Publications:

Pubmed:

1. Singh RK, **Goyal A**, Kumar A, Kataria G, Kesarwani A. Mastoid Osteoma of Temporal Bone – A Rare Case Report. Accepted for publication in Journal of clinical diagnostic and research.

Non-Pubmed:

1. Kumar A, **Goyal A**, Singh RK. Coblation vs Microdebrider-assisted Inferior Turbinoplasty. *Int J Otorhinolaryngol Clin* 2016;8(2):51-52.
2. Singh RK, **Goyal A**, Elhence P, Kumar A. Bilateral Hurthle cell adenoma of thyroid: a rare case report. *Int J Otorhinolaryngol Head Neck Surg* 2017;3:462-4.
3. Singh RK, **Goyal A**, Kumar A, Kataria G, Kesarwani A. Case of unilateral congenital aural atresia & microtia with cholesteatoma. Accepted for publication in *Journal of Otolaryngology Advances*.
4. Soni K, **Goyal A**, Choughury B, Kaushal D. Prevalence and difficulties in management of Head and Neck Cancers in Western Rajasthan: An Institutional Study. *Rajasthan J Otolaryngol Head Neck Surg* 2016 (Aug.);1(1):15-20.
5. Kataria G, **Goyal A**, Kumar A, Singh RK, Kesarwani A. Endoscopic Septoplasty: Our Experience at a Tertiary Care Centre. *Rajasthan J Otolaryngol Head Neck Surg* 2016 (Aug.);1(1):21-27.
6. Choudhury B, Kaushal D, Soni K, **Goyal A**. Facial Nerve Decompression with nerve grafting in a case of traumatic facial nerve palsy. *Rajasthan J Otolaryngol Head Neck Surg* 2016 (Aug.);1(1):48-51.
7. Soni K, **Goyal A**, Choudhury B, Kaushal D. External rhinoplasty – a preferred approach. *Rajasthan J Otolaryngol Head Neck Surg* 2017 (Mar.);2(1):15-18.

Books/Chapters

1. Kumar A, **Goyal A**. Meniere's disease- a diagnostic dilemma. In: Kacker SK, Editor. *Complicated cases in vertigo & dizziness*. Delhi: Kontentworx; 2017. p. 46-59.

Invited Lectures

1. Endoscopic Pediatric Skull Base Surgery. 18th Annual Conference of Skull Base Surgery Society of India. Nov 2016. Hotel Clarks Amer, Jaipur.
2. Challenges in Pediatric Endoscopic Anterior Skull Base Surgery. Dr. A. Mahadevaiah Skull Base Session. 69th Annual Conference of The Association of Otolaryngologists of India. Feb 2017. Science City, Kolkata.
3. Management of Petrous Apex Lesions. Indo-Global Summit on Head & Neck Oncology (IGSHNO) - BMCON-IV. Feb 2017. Hotel Royal Orchid, Jaipur.

Symposium Speaker

1. Conservative management of Idiopathic Facial Nerve Palsy. 36th Annual Conference of Neuro-Otological & Equilibriometric Society of India. Jan 2017. AIIMS, Bhubneswar.
2. Endoscopic Lateral Skull Base Surgery. 36th Annual Conference of Neuro-Otological & Equilibriometric Society of India. Jan 2017. AIIMS, Bhubneswar.

3. Diagnosis and Management of challenging pathologies in the lateral skull base: Case Based Discussion – Panel Discussion. Indo-Global Summit on Head & Neck Oncology (IGSHNO) - BMCON-IV. Feb 2017. Hotel Royal Orchid, Jaipur.
4. Endoscopic surgery of Juvenile Nasopharyngeal Carcinoma. 40th Annual Conference of Association of Otolaryngologists of India, Delhi State Branch. Mar 2017. R&R Hospital, New Delhi.

Resource Faculty:

1. Early detection of pediatric hearing loss. 61st Annual National Conference of Indian Public Health Association. Feb 2017. AIIMS, Jodhpur.
2. Junior Consultant Award Paper Category – Judge. 40th Annual Conference of Association of Otolaryngologists of India, Delhi State Branch. Mar 2017. R&R Hospital, New Delhi.

Research Projects:

Ongoing:

➤ **As Principal Investigator**

1. Characterization of thyroid lesions in fine-needle aspiration cytological (FNAC) specimens using a panel of immunohistochemical markers: a proposal for clinical application. AIIMS Jodhpur.

➤ **As Co-Investigator**

1. Congenital Rubella Syndrome Surveillance. ICMR. Multi-centric.
2. Recording and Processing of Facial Surface Electromyography Signals from Laryngectomised Patients & Healthy Volunteers- A Pilot Study. MBM Engineering College, Jodhpur.
3. Isolation of stem cells from Olfactory mucosa - a pilot study. AIIMS Jodhpur.
4. Trend of laboratory confirmed cases of Diphtheria.
5. Comprehensive analysis of MMP9, MMP13, TIMP-1 and p16 in Head and Neck Cancer. AIIMS, Jodhpur.

Scientific Awards/Patents:

1. Member of National Academy of Medical Sciences (MAMS). National Academy of Medical Sciences, New Delhi. NAMSCON 2016. Sep 2016. Raipur.
2. Gold Medal for best solution to the given problem during Medical Technology Innovation Workshop. Feb 2017. AIIMS, Jodhpur.

Examinerships:

1. MBBS, NEIGRIHMS, Shillong. Dec 2016

2. Paper setter for MBBS and MS at RUHS, Jaipur.

Membership/ Post in Journal or Society or Association :

1. Executive Body Member, Neuro-otological & Equilibrimetric Society of India

National/ International Conferences attended:

1. Introduction to Cochrane Systematic Reviews and Meta-analysis. Aug 2016. AIIMS, Jodhpur.
2. 30th National Conference of Indian Society of Surgical Oncology; 23-25 September 2016, Jodhpur.
3. 18th Annual Conference of Skull Base Surgery Society of India. Nov 2016. Hotel Clarks Amer, Jaipur.
4. 36th Annual *Conference* of Neuro-Otological & Equilibrimetric Society of India. Jan 2017. AIIMS, Bhubneswar.
5. 69th Annual Conference of the Association of Otolaryngologists of India. Feb 2017. Science City, Kolkata.
6. Medical Technology Innovation Workshop. Feb 2017. AIIMS, Jodhpur.
7. 61st Annual National Conference of Indian Public Health Association. Feb 2017. AIIMS, Jodhpur.
8. Indo-Global Summit on Head & Neck Oncology (IGSHNO) - BMCON-IV. Feb 2017. Hotel Royal Orchid, Jaipur.
9. 40th Annual Conference of the Association of Otolaryngologists of India, Delhi State Branch. Mar 2017. R&R Hospital, New Delhi.
10. Laser Workshop. Nov 2016. MDM Hospital, Jodhpur.
11. Regular monthly CMEs of Jodhpur E.N.T. Society.

Workshops/ Conferences Organized:

1. Hands-on Cadaver Dissection and Live Surgical Workshop on Anterior & Lateral Skull Base Surgery (3rd workshop on Skull Base Surgery). Aug 2016. AIIMS, Jodhpur.
2. Preconference Hands-on workshop on Early detection of pediatric hearing loss during 61st Annual National Conference of Indian Public Health Association. Feb 2017. AIIMS, Jodhpur.
3. First AIIMS Jodhpur ILD Workshop. Jan 2017. AIIMS, Jodhpur.

Name of Faculty: Dr. Bikram Choudhury
Designation: Associate Professor

Publications:

Non-Pubmed:

1. **Choudhury B**, Kaushal D, Soni K, Goyal A. Facial Nerve Decompression with Nerve grafting in a Case of Traumatic Facial Nerve Palsy. Rajasthan J Otolaryngol Head Neck Surg 2016;1(I):48-51
2. Soni K, Goyal A, **Choudhury B** et al. External Rhinoplasty- a preferred approach. Rajasthan J Otolaryngol Head Neck Surg 2017;2(I):15-18
3. Soni K, Goyal A, **Choudhury B** et al. Prevalence and difficulties in management of head and neck cancers in western rajasthan: An Institutional study. Rajasthan J Otolaryngol Head Neck Surg 2016;1(I):15-20

Research Projects:

Ongoing:

➤ **As Co-Investigator**

1. Comprehensive analysis of role of MMP9, MMP13, TIMP1 and p16 in Head and Neck Cancer.

Examinerships:

1. MBBS, RNT Medical College, Udaipur. Jan 2017.

Membership/ Post in Journal or Society or Association :

1. Member of the Indian Association of Head and Neck Surgeons (IAOHNS)
2. Member of the Association of Otolaryngologists of India (AOI)
3. Editorial Assistant of Rajasthan J Otolaryngol Head Neck Surg

National/ International Conferences attended:

1. 2nd Conference of Indian Academy of Otorhinolaryngology Head and Neck Surgery; 26-28 August 2016, Kolkata.
2. 69th Annual Conference of the Association of Otolaryngologists of India. Feb 2017. Science City, Kolkata.
3. 30th National Conference of Indian Society of Surgical Oncology; 23-25 September 2016, Jodhpur
4. World Phonocon 2017. 17-19 Feb 2017, Gurugram, Delhi
5. Laser Workshop. Nov 2016. MDM Hospital, Jodhpur.
6. Regular monthly CMEs of Jodhpur E.N.T. Society.

Workshops/ Conferences Organized:

1. Hands-on Cadaver Dissection and Live Surgical Workshop on Anterior & Lateral Skull Base Surgery (3rd workshop on Skull Base Surgery). Aug 2016. AIIMS, Jodhpur.
2. Preconference Hands-on workshop on Early detection of pediatric hearing loss during 61st Annual National Conference of Indian Public Health Association. Feb 2017. AIIMS, Jodhpur.

Name of Faculty: Dr. Kapil Soni
Designation: Assistant Professor

Publications:

Non-Pubmed:

1. **Soni K**, Goyal A et al. Prevalence and difficulties in management of head and neck cancers in western rajasthan: An Institutional study. Rajasthan J Otolaryngol Head Neck Surg 2016;1(I):15-20.
2. **Soni K**, Goyal A et al. External Rhinoplasty- a preferred approach. Rajasthan J Otolaryngol Head Neck Surg 2017;2(I):15-18.
3. Choudhury B, Kaushal D, **Soni K**, Goyal A. Facial Nerve Decompression with Nerve grafting in a Case of Traumatic Facial Nerve Palsy. Rajasthan J Otolaryngol Head Neck Surg 2016;1(I):48-51.

Papers Presented:

1. **Soni K**, Goyal A et al. Prevalence and difficulties in management of head and neck cancers in rural Haryana & Western Rajasthan: An Institutional study. 2nd Conference of Indian Academy of Otorhinolaryngology Head and Neck Surgery; 26-28 August 2016, Kolkata.

Resource Faculty:

1. Global Rhinoplasty Update at Jaipur from 28th – 29th January, 2017.

Research Projects:

Ongoing:

➤ **As Principal Investigator**

1. Comprehensive analysis of role of MMP9, MMP13, TIMP1 and p16 in Head and Neck Cancer.

Membership/ Post in Journal or Society or Association :

1. Editorial Assistant of Rajasthan J Otolaryngol Head Neck Surg

National/ International Conferences attended:

1. 2nd Conference of Indian Academy of Otorhinolaryngology Head and Neck Surgery; 26-28 August 2016, Kolkata.
2. 30th National Conference of Indian Society of Surgical Oncology; 23-25 September 2016, Jodhpur.
3. Global Rhinoplasty Update at Jaipur from 28th – 29th January, 2017 organized by Department of Plastic Surgery, SMS Medical College, Jaipur.
4. Cadaveric Flap Harvesting Course organized by Department of Plastic and Head Neck Surgery, Amrita Institute of Medical Sciences, Kochi from 21-22 January 2017.

Workshops/ Conferences Organized:

1. Hands-on Cadaver Dissection and Live Surgical Workshop on Anterior & Lateral Skull Base Surgery (3rd workshop on Skull Base Surgery). Aug 2016. AIIMS, Jodhpur.
2. Preconference Hands-on workshop on Early detection of paediatric hearing loss during 61st Annual National Conference of Indian Public Health Association. Feb 2017. AIIMS, Jodhpur.

Name of Faculty: Dr. Darwin
Designation: Assistant Professor

Invited Lectures

1. Newer concepts and pathogenesis of Tinnitus, 36th Annual Conference of Neuro-Otological & Equilibriometric Society of India, 6-8th Jan 2017, AIIMS Bhubaneswer.
2. Imaging in Cochlear implantation, Cochlear Cruise, SN Medical College 18-19th Feb, 2017, Bikaner.

Symposium Speaker

1. Panellist for Management of Parotid neoplasms in Rajasthan AOI conference held in Udaipur.

Resource Faculty:

1. **Quiz Master** in National conference of Laryngology and Airway Update in AIIMS, New Delhi in 2016.

Research Projects:

Ongoing:

➤ **As Co-Investigator**

1. Prevalence of nasal carriage of Staphylococcus aureus and their antimicrobial susceptibility profile in patients undergoing the elective surgical procedure in a tertiary care hospital.

2. Comprehensive analysis of role of MMP9, MMP13, TIMP1 and p16 in Head and Neck Cancer. (Funding agency- AIIMS, Jodhpur)

Membership/ Post in Journal or Society or Association :

1. Editorial Assistant of Rajasthan J Otolaryngol Head Neck Surg

National/ International Conferences attended:

1. 36th Annual Conference of Neuro-Otological & Equilibriometric Society of India, 6-8th Jan 2017, AIIMS Bhubaneswer.
2. Cochlear Cruise, SN Medical College 18-19th Feb, 2017, Bikaner.
3. National conference of Laryngology and Airway Update in AIIMS, New Delhi in 2016.
4. Rajasthan AOI conference held in Udaipur

Department of Endocrinology & Metabolism

S.No.	Name	Designation
1	Dr. Ravindra Shukla	Assistant Professor

About The Department:

Department of Endocrinology and Metabolism started in May 2016 for Diabetes, 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, development and sexual differentiation, pituitary disorders, and other metabolic syndromic diseases.

The Department runs Diabetes clinic with comprehensive management of Diabetes Mellitus Monday, Tuesday, Wednesday and Friday. On Thursday patients of Thyroid disorders are seen. The department runs Special Pituitary clinic 2 to 5 pm on Thursday.

There is indoor facility where tests like, HDDDST, water deprivation test, Saline infusion tests, glucagon stimulation test, Growth hormone stimulation tests. These tests required patients to be referred to AIIMS Delhi earlier.

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. With acquiring of DEXA machine and availability of bone turnover markers, there is plan to start Bone metabolic disease clinic with focus on osteoporosis. The department aims to complete research projects.

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, Obesity clinic, Pubertal and growth disorder clinic

Name of Faculty: Dr. Ravindra Shukla

Designation: Assistant Professor

Publications:

Non-Pubmed:

1. Low DHEAS levels predict rheumatism in primary hypothyroidism: preliminary data from tertiary hospital **Ravindra Shukla**, Praveen Sharma, Vikram Singh & Gopal Bohra Endocrin Abstracts (2017) 49 EP 1333 DOI:10.1530/endoabs

Papers Presented:

1. Low DHEAS levels predict rheumatism in primary hypothyroidism: preliminary data from tertiary hospital **Ravindra Shukla**, Praveen Sharma, Vikram Singh & Gopal Vohra. European Congress Of Endocrinology (ECE 2017) on 22st may 2017 (presented on invitation)

Invited Lectures:

1. Androgen resistance syndromes: molecular pathology of spectrum of disorder 3rd MMRS (Molecular and metabolic research society) 3-5 Feb 2017 Jaipur

Symposium Speaker

1. Parathyroid & Diabetes RSSDI Rajasthan Chapter Annual Conference 23th -25th March 2017 Ajmer.

Research Projects:

Ongoing:

➤ **As Principal Investigator**

1. Role of perforin in metabolic inflammation: A comparative study

➤ **As Co-Investigator**

1. A case control study of circulating GDF-15, miRNAs (21, 181b) and PBMs Smad7 in obese pre-diabetics and type 2 diabetics (intra-mural)
2. Correlation of N-gal with degree of albuminuria in patients of Type Diabetes Mellitus
3. Magnesium supplementation in vitamin D deficiency
4. Role of circulating endothelial progenitor cells with endothelial function metabolic syndrome

Completed:

1. **As Co-Investigator:** Autonomic function testing in type-2 Diabetes mellitus patients

Scientific Awards/Patents:

1. Journal Of Endocrinology (JoE) travel grant for ECE -2017 Lisbon , given to top 12 presentations.

Membership/ Post in Journal or Society or Association:

1. Member, Endocrine Society Of India
2. Member, European Society for Endocrinology
3. Member, The Endocrine Society
4. Member , American Association for Clinical Endocrinologists

National/ International Conferences attended:

1. ESICON Delhi 21-23 October organized by Endocrine Society Of India

Workshops/ Conferences Organized:

1. Organizing secretary Thyroid Update 4th March 2017. A regional conference on latest trends in management of Thyroid Disorders
2. 1st Nursing Education Programme (NEP) organized in co-ordination with MS office on 12/11/2017. 32 nurses educated on proper insulin injection techniques

Any other information:

1. Public Lecture on Diabetes Awareness 11/11/2017 at LT-1 AIIMS Jodhpur
2. Diabetes Day Screening on 12/11/2017 OPD B Block
3. Diabetes Day Exhibition on 12/11/2017
4. Diabetes day poster competition for Type 1 Diabetes children on 12/11/17

Eminent Visitors:

1. Prof. C.S. Bal Prof & Head Department of Nuclear Medicine AIIMS. Delhi
2. Prof. Sandeep Mathur. Prof. & Head Department of Endocrinology SMS, Jaipur
3. Prof. Rajesh Khadgawat . Department of Endocrinology AIIMS, Delhi

Department of Forensic Medicine & Toxicology

S.No.	Name	Designation
1	Dr. Puneet Setia	Additional Professor
2	Dr. Tanuj Kanchan	Associate Professor

About The Department:

The Department of Forensic Medicine and Toxicology is actively involved in the teaching of MBBS and B.Sc. nursing students. The department also carries out medicolegal work including autopsies and medical examinations. The students are taken to the Regional Forensic Science Laboratory (RFSL), Jodhpur as part of their curriculum and shown the functioning of its various divisions. The undergraduate students are taught and assessed routinely using innovative methods of teaching. During the current year, the department conducted second professional examinations for the third batch of MBBS students (2014 batch).

The construction work of the mortuary complex was completed and the mortuary became fully functional from last year. Printed post mortem reports are dispatched using computer software, the first ever such reporting system in the whole of Rajasthan. The software for other medico-legal work is in the process of being developed and will be in use with commencement of emergency services.

The first batch of interns joined the department from January, 2017. For the very first time in India, internship posting of 10 days in the Department of Forensic Medicine has been made mandatory in their training schedule.

Name of Faculty: Dr. Puneet Setia

Designation: Additional Professor

Publications:

PubMed:

- Gupta A, Aggrawal A, **Setia P**. A rare fatality due to calcified stylohyoid ligament (Eagle syndrome). Med Leg J 2017 (In Press).

Non-PubMed:

- Shekhawat RS, **Setia P**. Sudden unexpected death in epilepsy: are we missing it? J Ind Acad Forensic Med 2016;38(3):330-333.

Resource Faculty:

1. Forensic Update on Autopsy and Infection, 17th -18th January 2017, JIPMER, Puducherry.

Research Projects:

Ongoing:

➤ **As Principal Investigator**

1. Study of diatoms in human cadavers-An autopsy analysis. AIIMS, Jodhpur (Intramural)
2. Serial estimation of serum HMGB1 levels to determine Post Mortem Interval in human Cadavers. AIIMS, Jodhpur (Intramural)

➤ **As Co-Investigator**

1. Estimation of sex from dental arch dimensions: An Odontometric analysis. AIIMS, Jodhpur (Intramural)
2. Knowledge, Attitude and Practice (KAP) of medical professionals on euthanasia- A study from a tertiary care center in India.
3. Developing Standards for Age Estimation Based on Third Molar Development.
4. Knowledge and awareness of Medical Professional about Journal Categorization.
5. Reconstruction of Stature from lengths of Different Segments of Vertebral Column in North Western Indian Population.

Examinerships:

1. MBBS II Professional Examination. AIIMS Bhopal, 14th-17th December 2016 (External Examiner).

National/ International Conferences attended:

1. National Workshop on Role of Diatoms in Forensics. MACS' Agharkar Research Institute Pune & Government Institute of Forensic Science Aurangabad, MACS' Agharkar Research Institute, Pune, 29 to 31 August, 2016.

Any other Information:

1. Appointed as Provost of P.G. Boys Hostel in AIIMS, Jodhpur
2. Nominated as Member of Medical Board for conducting Medical examinations
3. Nominated as the member of the Staff council AIIMS Jodhpur
4. Appointed as Chairman, Furniture Committee

Name of Faculty: Dr. Tanuj Kanchan

Designation: Associate Professor

Publications:

PubMed:

1. Krishan K, **Kanchan T**. Forensic and Anthropological Application of Body Asymmetry: A Comment on Gutnik et al. (2015). *Percept Mot Skills* 2016;122(2):578-82.
2. Krishan K, Chatterjee PM, **Kanchan T**, Kaur S, Baryah N, Singh RK. A review of sex estimation techniques during examination of skeletal remains in forensic anthropology casework. *Forensic Sci Int* 2016;261:165.e1-8.
3. Atreya A, Nepal S, **Kanchan T**. Intentional burns - A form of gender based violence in Nepal. *Burns* 2016;42(3):712.
4. Menezes RG, Padubidri JR, Raghavendra Babu YP, Naik R, **Kanchan T**, Senthilkumaran S, Chawla K. Sudden unexpected death due to strangulated inguinal hernia. *Med Leg J* 2016;84(2):101-4.
5. Atreya A, **Kanchan T**, Nepal S, Acharya J. Bear-inflicted injuries - a report from Nepal. *Med Leg J* 2016;84(2):94-6.
6. **Kanchan T**, Atreya A. *Calotropis gigantea*. *Wilderness Environ Med* 2016;27(2):350-1.
7. **Kanchan T**, Krishan K. Journal impact factor - Handle with care. *Biomed J* 2016;39(3):227.
8. **Kanchan T**, Raghavendra Babu YP, Atreya A, Acharya J. Ligature mark on the face - forensic implications. *Med Leg J* 2016;84(3):138-41.
9. **Kanchan T**, Acharya J, Ram P, Khadiolkar U N, Rana T. Fat Infiltration of left ventricle - a rare cause of sudden cardiac death. *Med Leg J* 2016; 84(3):142-144.
10. **Kanchan T**, Atreya A. *Datura*: The Roadside Poison. *Wilderness Environ Med* 2016;27(3):442-443.
11. **Kanchan T**, Atreya A, Shekhawat RS. Fatal anaphylaxis from hymenoptera stings. *Med Leg J* 2016;84(4):212-214.
12. **Kanchan T**, Atreya A, Shekhawat RS. Cathartic Turned Bioweapon: *Ricinus communis*, the Castor Bean. *Wilderness Environ Med* 2016;27(3):444-445.
13. **Kanchan T**, Krishan K. Politics of Science: Unwarranted Encounters. *Sci Eng Ethics* 2016; 22:1561.
14. Atreya A, **Kanchan T**, Nepal S. Pressure Cooker-A Potential Hazard in Domestic Setting. *Kathmandu Univ Med J (KUMJ)*. 2016;14(54):181-183.
15. **Kanchan T**, Tandon A, Krishan K. Honor Killing: Where Pride Defeats Reason. *Sci Eng Ethics* 2016;22:1861-1862.
16. **Kanchan T**, Murlimanju BV, Saralaya VV. Pancake Kidney with a single ureter: a rare incident observation at autopsy. *Anat Sci Int* 2017;92(1):142-146.

17. Unnikrishnan B, Trivedi D, **Kanchan T**, Rekha T, Mithra P, Kumar N, Kulkarni V, Holla R, Talish M. Patients' Awareness About Their Rights: A Study from Coastal South India. *Sci Eng Ethics*. 2017;23(1):203-214.
18. **Kanchan T**, Acharya J, Shrestha R, Shrestha PK, Krishan K. When Protocols Become Fairy Tales and Gods Remain Buried Under. *Am J Forensic Med Pathol* 2017;38(1):5-8.
19. Dehal N, Krishan K, Singh A, **Kanchan T**. Tracking a female foetus: Preventing gender imbalance in India. *Scand J Public Health* 2016 [Epub ahead of print].
20. Atreya A, Rijal D, **Kanchan T**, Shekhawat RS. Abdominal self-stabbing: A case report. *Med Leg J* 2016 [Epub ahead of print]
21. **Kanchan T**, Krishan K, Baryah N, Mukhra R. Plagiarism in Student Research: Responsibility of the Supervisors and Suggestions to Ensure Plagiarism Free Research. *Sci Eng Ethics* 2016 [Epub ahead of print].
22. Dehal N, Krishan K, **Kanchan T**, Singh A. Mandatory Publications: An Approach to Kill 'Lack of Will' or 'Lack of Skill'? *Sci Eng Ethics* 2017 [Epub ahead of print].
23. Krishan K, **Kanchan T**. A new morphological trait in Forensic identification middle phalangeal hair (MPH). *Science Progress* 2016;99(4):455-458.
24. Kamaradgi PN, Chandrakanth HV, **Kanchan T**, Arun M, Patel S, Atreya A. Gender differences in the lumen of the left anterior descending artery—An autopsy based histomorphometric study. *J Anat Soc India* 2016;65(2):65-68.

Non-PubMed:

1. **Kanchan T**, Prusty D, Krishan K. Association of Fingerprint Patterns with ABO Blood Groups- An Investigation from India. *Anthropologie (International Journal of Human Diversity and Evolution)* 2016; LIV:155-160.
2. Krishan K, **Kanchan T**, Kharoshah MA. "Advances in Forensic Anthropology"— Creation of skeletal databases for forensic anthropology research and casework. *Egyptian J Forensic Sci* 2016;2(6):29-30.
3. **Kanchan T**, Rastogi P. Genital Self- Mutilation: A Case Report. *J South India Medicolegal Assoc* 2016;8(2):113-115.
4. **Kanchan T**, Tandon A, Krishan K. Predatory Publishing: send the alarms ringing. *Curr Sci* 2016;111(7):1133.
5. Atreya A, **Kanchan T**, Karmacharya BG. Intentional Head Injury: Survivor Victim's Profile, Gender Differences, and Role of Alcohol Use at Manipal Teaching Hospital, Pokhara, Nepal. *Birat J Health Sci* 2017; 2(1)2:102-105.
6. D'Souza HL, Bhagarath P, Monteino FNP, Pradeep Kumar G, **Kanchan T**, Histopathological study to correlate fatal deliberate self harm and phases of the menstrual cycle. *J south ind medicolog Assoc* 2017;9(1): 38-43.

Books/Chapters

1. **Kanchan T**, Detailing the Findings: Results Section. In: Pearls on Scientific Paper Writing an Official Publication of Physicians Research Foundation Research Wing of API, Yash Pal Munjal, Anupam Prakash, GhanShyamPangtey, Association of Physicians,2017; 24-28

Sessions Chaired:

1. Panellist in Panel discussion, National Meet “Exploring Momentous Corners in Medical Practice”, 26th June 2016, Hotel Surya Palace, Vadodara.
2. Chairperson for Scientific Presentations, 14thNational Conference of Indian Association of Forensic Odontology, 24th September, 2016, Hotel Velvet Clarks Exotica, Chandigarh.
3. Chairperson for Scientific Presentations, FORENSICON 2016 XIII Annual Conference of South India Medico Legal Association (SIMLA), 07th to 9th October, 2016, K.S.Hegde Medical Academy, Mangaluru.

Invited Lectures

1. Getting Started, CME on Art of Scientific Publication, 24th June 2016, The Ramaiah International Medical School, Bangalore.
2. Publication ethics, CME on Art of Scientific Publication, 24th June 2016, The Ramaiah International Medical School, Bangalore.
3. “Do Not Resuscitate” (DNR) & Euthanasia- Legal issues, National Meet “Exploring Momentous Corners in Medical Practice”, 26th June 2016, Hotel Surya Palace, Vadodara.
4. Forensic Odontology in Sexing of Human Remains (Key note Speaker), 14thNational Conference of Indian Association of Forensic Odontology, 24th September, 2016, Hotel Velvet Clarks Exotica, Chandigarh.
5. Experience Sharing, Workshop on Research Methodology, NMOCON 2017 Annual National Conference of National Medicos Organisation, 11th February 2017, All India Institute of Medical Sciences, Jodhpur.
6. Forensic Anthropology Research in India, UGC-Sponsored National Seminar on “Anthropology in the Present Era”, 23rd March, 2017, North Bengal University, Darjeeling.

Resource Faculty:

1. How I do it? Advice /Tips from prolific writers. Workshops on Manuscript Writing & Publication Ethics and Research Methodology, 20th September 2016, All India Institute of Medical Sciences, Jodhpur.

2. How I do it? Advice /Tips from prolific writers. Manuscript Writing & Publication Workshop during 30th NATCON IASO 2016 Jodhpur, 22nd September, All India Institute of Medical Sciences, Jodhpur.
3. Adjudicator for 'Best Paper Presentations for the Postgraduates', FORENSICON 2016 XIII Annual Conference of South India Medico Legal Association (SIMLA), 07th to 9th October, 2016, K.S.Hegde Medical Academy, Mangaluru.
4. Judge for PG paper Presentation. TOXOCON-10 10th Annual National Conference "Criminal Poisoning", 29th December, 2016, Amrita Institute of Medical Sciences & Research Centre, Cochin, India.

Research Projects:

Ongoing:

➤ **As Principal Investigator**

1. Estimation of sex from dental arch dimensions: An Odontometric analysis. AIIMS, Jodhpur (Intramural)
2. Knowledge, Attitude and Practice (KAP) of medical professionals on euthanasia- A study from a tertiary care center in India.
3. Developing Standards for Age Estimation Based on Third Molar Development.
4. Knowledge and awareness of Medical Professional about Journal Categorization.
5. Reconstruction of Stature from lengths of Different Segments of Vertebral Column in North Western Indian Population.

➤ **As Co-Investigator**

1. Study of diatoms in human cadavers-An autopsy analysis. AIIMS, Jodhpur (Intramural)

Scientific Awards/ Patents:

1. Felicitation. For contribution to Medical Toxicology Literature in India- 2016, The Indian Society of Toxicology, 28th & 29th December 2016.

Examinerships:

1. MBBS II Professional Examination. Sardar Patel Medical College & Associated Group of P.B.M Hospital, Bikaner (Rajasthan), 30th and 31st July, 2016 (External Examiner).
2. MBBS II Professional Examination. Department of Forensic Medicine & Toxicology JLN Medical College & Associated group of Hospitals, Ajmer, 1st to 3rd February, 2017 (External Examiner).
3. MBBS II Professional Examination Mount Zion Medical College, Ezhamkulam, Adoor, Pathanamthitta, Enadimangalam, Kerala, 30th and 31st March, 2017. (External Examiner).

Membership/Post in Journal or Society or Association:

1. Life membership; Indian Society of Toxicology.
2. Guest Editor (Special; issue on Advances in Forensic Anthropology); Egyptian Journal of Forensic Sciences (Elsevier).
3. Associate Editor; Journal of Karnataka Medico Legal Society.
4. Member, National Editorial Advisory Board; Journal of South India Medico Legal Association.
5. Senior Executive Editor; Indian Journal of Medical Specialties.

National/ International Conferences attended:

1. CME on Art of Scientific Publication. The Ramaiah International Medical School, Bangalore, India, 24th June 2016
2. National Meet “Exploring Momentous Corners in Medical Practice”. Department of Forensic Medicine & Toxicology Smt. B.K. Shah Medical Institute & Research Center, Sumandeep Vidyapeeth University, Hotel Surya Palace, Vadodara, India, 26th June 2016.
3. Workshops on Manuscript Writing & Publication Ethics and Research Methodology. Research Cell, All India Institute of Medical Sciences, Jodhpur, India, 20th -21st September 2016.
4. 14th National Conference of Indian Association of Forensic Odontology. Hotel Velvet Clarks Exotica, Chandigarh, India, 23rd to 25th September, 2016.
5. FORENSICON 2016 XIII Annual Conference of South India Medico Legal Association (SIMLA). Department of Forensic Medicine and Toxicology, K.S.Hegde Medical Academy, Mangaluru, India, 07th to 9th October, 2016.
6. TOXOCAN-10 10th Annual National Conference “Criminal Poisoning”. Indian Society of Toxicology, Amrita Institute of Medical Sciences & Research Centre, Cochin, India, 28th & 29th December, 2016.
7. NMOCAN 2017 Annual National Conference of National Medicos Organisation. National Medicos Organisation, All India Institute of Medical Sciences, Jodhpur, India, 10th to 12th February 2017.
8. UGC-Sponsored National Seminar on “Anthropology in the Present Era”. Department of Anthropology, University of North Bengal in collaboration with ICSSR and Anthropological Survey of India, North Bengal University Darjeeling, India, 23rd & 24th March 2017.

Any other Information:

1. Appointed as Assistant Dean Research, AIIMS, Jodhpur.
2. Nominated as Member of Medical Board for conducting Medical examinations.
3. Nominated as the member of the Staff council AIIMS Jodhpur.

Department of General Medicine

S.No.	Name	Designation
1	Dr. Vikram Singh	Assistant Professor
2	Dr. Mridu Singh	Assistant Professor
3	Dr. Gopal Krishana Bohra	Assistant Professor
4	Dr. Praveen Bharti	Assistant Professor

About The Department:

Department of Medicine is backbone of any hospital and our department caters to more than 200 patients every day. It provides services to all strata of population and has very wide coverage area involving whole of Western Rajasthan and even beyond.

People with a wide variety of illnesses including complex disorders are taken care of. This includes rheumatological disorders, immunological diseases, infective illnesses, neurological disorders as well as patients with cardiovascular, endocrinological and other disorders.

The department also provides indoor services and is increasing its capacity to meet the growing demands for admissions. We also have facility for intensive care & monitoring for indoor patients.

The Department has taken active participation in research & academic activities. The department has taken active participation in conferences and workshops organized in AIIMS Jodhpur.

Under the guidance Dr. Kuldeep singh , Department of Medicine, has been the actively involved in integrated teaching and PBL classes held on every Saturday and also participated in conducting OSCE examination. Department encourages clinical scenario based examination pattern in ward leaving and awareness lecture on various issues in AIIMS, Jodhpur.

Name of Faculty : Dr. Vikram Singh
Designation : Assistant Professor

Publications:

Pubmed:

1. Purvi Purohit , Kunal Garg ,**Vikram Singh**, Shailendra Dwivedi ,Praveen Sharma, "Microalbuminuria in obese young and middle aged population:a potential marker of cardiovascular risk"; Ind J Clin Biochem DOI 10.1007/s12291-016-0563-z

2. Pramod Kumar Sharma, Arup Kumar Misra, **Vikram Singh**, Ajay Gupta, Shrishti Saroha, Surjit Singh, Cyclophosphamide and epirubicin-induced diabetes mellitus in breast cancer: A rare occurrence. J Pharmacol Pharmacother. 2016 Jul-Sep; 7(3): 146–148.

Papers Presented:

1. Ravi Shekhar Gaddapali, **Singh Vikram**, Singh Abhijeet Bacteriological Profile of Diabetic foot ulcers: An experience from western region of India(Rajasthan)-6th annual conference of Clinical Infectious disease society ,India,BHU,Varanasi

Research Projects:

Ongoing:

➤ **As Principal Investigator**

1. An open labeled, prospective study on efficacy of daily and weekly dose of Vitamin D in Vitamin D deficiency patient at a Tertiary Care Teaching Hospital.
2. Clinical profile and sero-prevalence of brucellosis in relation to vitamin D in western Rajasthan- AIIMS,Jodhpur

➤ **As Co-Investigator**

1. Dyslipidemia an Observational Study
2. Seroprevalance of Brucellosis in Jodhpur

Completed:

➤ **As Principal Investigator**

1. Role of Aspirin on inflammatory mediators in type 2 Diabetes Mellitus-AIIMS,Jodhpur

➤ **As Co-Investigator**

1. Microbiological Profile of diabetic foot ulcers-AIIMS,Jodhpur

Membership/Post in Journal or Society or Association:

1. Indian Rheumatology Association,Life time member

National/ International Conferences attended:

1. 14th Health care Executive Management Development Programme, By AIIMS Delhi,at Jaipur on 8th to 14th January 2017.
2. "Tenth International Short Course in Clinical Tropical Medicine" from November 21st – December -3rd, 2016.

Attended work shop on

1. Intertitial Lung Disease, Department of Pulmonary Medicine, AIIMS,Jodhpur, 27 January 2017.
2. "Introduction to Cochrane Systematic Reviews & Meta-analysis" at AIIMS,Jodhpur, 20th Aug 2016

Workshop Organized-

1. Medical Technology Innovation AIIMS Jodhpur 17 February 2017

Name of Faculty: Dr. Mridu Singh
Designation: Assistant Professor

Membership/Post in Journal or Society or Association

1. Indian Rheumatology Association

National/ International Conferences attended :-

1. Jodhpur chapter of Association of Physician of India, Jodhpur

Workshop Attended :-

1. Intertitial Lung Disease,AIIMS, Jodhpur, organized by Department of Pulmonary Medicine,AIIMS,Jodhpur
2. Introduction to Cochrane Systematic Reviews and Meta-analysis, AIIMS Jodhpur, Organized Department of Pharmacology, 20th August 2016

Name of Faculty: Dr. Gopal Krishana Bohra
Designation : Assistant Professor

Publications:

Non-Pubmed

1. Deepak Kumar, Madhulata Agarwal, **Gopal Krishana Bohra**, Ram Ratan, Dinesh Kothari. Study of Cardiovascular Manifestations in Patients with HIV Infection And Their Correlation With CD4 Count In Population Of Western Rajasthan. IOSR Journal of Dental and Medical Sciences (IOSR-JDMS) e-ISSN:2279- 0853, p-ISSN: 2279-0861.Volume 15, Issue 5 Ver. I (May. 2016), PP 59-63

Paper Presentation:

1. **Gopal Krishana Bohra**, Madhulata Agrawal, Deepak Kumar “ Effect of HAART on Lipodystrophy and Lipid Metabolism in Patients with HIV” JAPI January 2017 • VOL. 65, Abstracts : Free Papers – Platform Presentation (APICON- 2017) HIV.
2. Ravindra Shukla, Praveen Sharma, Vikram Singh & **Gopal Bohra** Low DHEAS levels predict rheumatism in primary hypothyroidism: preliminary data from tertiary hospital. Endocrine Abstracts (2017) 49 EP1333 / DOI:10.1530/endoabs.49.EP1333 “19TH European congress of endocrinology Lisbon, Portugal”

Research Projects:

1. Intramural project on “Role of Magnesium in Vitamin D Deficiency

Conference organized

1. “Thyroid update 2017” on 4-March 2017 with Department of Endocrinology

Conference/Workshop attended:

1. Association of physician of India conference 2017 at Mumbai from 26-January 2017 to 29 January, 2017
2. "Introduction to Cochrane Systematic Reviews & Meta-analysis" at AIIMS, Jodhpur, 20th Aug 2016
3. Rajasthan chapter of Association of physician of India conference 2017 at Jodhpur
3. Rajasthan Chapter of RSSDI at Jodhpur.
4. NMOCON 2017 organized at AIIMS Jodhpur.

Name of Faculty : Dr. Praveen Bharti

Designation : Assistant Professor

Workshop Attended-

1. Interstitial Lung Disease AIIMS Jodhpur, organized by Department of Pulmonary Medicine, AIIMS, Jodhpur
2. Introduction to Cochrane Systematic Reviews and Meta-analysis, AIIMS Jodhpur, Organized Department of Pharmacology, 20th August 2016

Department of General Surgery

S.No.	Name	Designation
1	Dr. Ashok Puranik	Associate Professor
2	Dr. Ramkaran Chaudhary	Associate Professor
3	Dr. Mahendra Lodha	Assistant Professor

About Department

The OPD Services were started on 27th July 2013. From 1st April 2016 to 31st 2017, 11649 patients have visited our OPD for various surgical problems. There are three OPD rooms in our department with well-equipped dressing room on first floor of OPD block. We are having separate teaching room for undergraduate teaching in the same block. The IPD Block for surgical patients is located on 4th floor of the OPD block. The operation theatres and minor OT are located on the 3rd floor of OPD block. A total of 979 number of major Surgeries and 295 minor Surgeries were performed during this period. We are having Endotrainer facilities for laparoscopic procedures in the surgical skill lab located in the OT complex.

Name of Faculty: Dr. Ashok Puranik

Designation: Associate Professor

Books/Chapters.

- Emergency and trauma published by Medanta hospital abdominal trauma Presented - SSI surgical forum Jodhpur

Sessions Chaired:

- Video Session chaired in "NATCON-2016-ACOS" at Jodhpur 23–25 September 2016.
- Trauma Updates In TRAUMACON 18-22 August 2016 New-Delhi

Symposium Speaker:

- Sutures and Staples.
- "Traumacon" at AIIMS, New Delhi from 16th to 18th August 2016.

Research Project:

Ongoing:

- As Co-Investigator
 - Study of frequency of Rouviere's Sulcus in our Population.
 - Study of testicular blood flow after laparoscopic and open hernia surgery.

Examinership :

1. Invited as an Examiner in “Armed Forces Medical College” at Pune from 9th to 11th January 2017.

National/ International Conferences attended:

1. Participated in “Traumacon” at AIIMS, New Delhi from 16th to 18th August 2016.
2. Participated as chaired person in “NATCON-2016-ACOS” at Jodhpur 23rd to 25th September 2016.
3. Participated in “ASICON 2016” at Mysuru from 14th to 18th December 2016..

Workshops/ Conferences Organized:

1. Hands on suturing and stapling with Medtronics- 03 Feb 2017

Name of Faculty: Dr. Ramkaran Chaudhary

Designation: Associate Professor

Publications:

1. **Chaudhary Ramkaran**, Brijendra Singh. Primary Grynfeldt's- lumbar hernia” – a rare case. Indian Journal of Clinical Anatomy and Physiology, July-September 2016;3(3);382-384
2. **Chaudhary R**, et.al. Kimura's disease revisited: report of a case with a clinical and cytohistological correlation BMJ Case Rep 2016.doi:10.1136/bcr-2016214410

Research Project:

Ongoing:

➤ **As Principal Investigator:**

1. “The study of anatomical variations during axillary dissection”

➤ **As Co-Investigator:**

1. Immunohistochemical validation of TLE-1, Nuclear beta-catenin and MIB-1 in soft tissue sarcomas with RT-PCR based correlation of SYT-SSX in cases of Synovial sarcomas.
2. Role of perforin in metabolic inflammation: A comparison of Type 2 Diabetes Mellitus and Healthy controls.

Scientific Awards/Patents:

1. Awarded the best video and paper presentation at “RAJASICON-2016” at Jodhpur.

National/ International Conferences attended:

1. Participated in “CME and Workup on HIPEC therapy from 6th and 7th April 2016 at Max Hospital, New Delhi.
2. Participated as Faculty in “World Trauma conference, at JPNATC, AIIMS, from 16th and 17th August 2016.
3. Completed workshop on “South Asian Cochrane Network” – introduction to Cochrane systematic reviews and Meta- analysis at AIIMS, Jodhpur.
4. Participated as Faculty in “NATCON-2016-ACOS” at Jodhpur 23rd to 25th September 2016.
5. Participated and completed workshop on innovations in health care at “MEDIC -2016 at Nagpur from 19th to 24th September 2016.
6. Participated as Faculty in “INDUSEM -2016 at Bengaluru from 20th to 22nd October 2016.
7. Participated in “RAJASICON-2016” at Jodhpur from 12th to 14th November 2016
8. Participated and presented a video at “AMASICON-2016 at Kolkata from 17th to 19th November 2016.
9. Participated in “Symposium on Thoracic Surgery -2017 at AIIMS, New Delhi from 21st to 22nd January 2017.

Name of Faculty: Dr. Mahendra Lodha

Designation: Assistant Professor

Research Project:

Ongoing:

➤ **As Principal Investigator:**

1. Study of frequency of Rouviere’s Sulcus in our Population”.
2. Study of testicular blood flow after laparoscopic and open hernia surgery.

➤ **As Co-Investigator**

1. The study of anatomical variations during axillarydissection
2. 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.

National/ International Conferences attended:

1. Participate in HSICON 2016 at Aurangabad from 2–3rd September 2016.
2. Participate in SELSICON 2016 and IHSCON-2016 at Agra from 3–7th November 2016.
3. Participate in Hands on Training Program and Fellowship course Bariatric Surgery at Coimbatore from 9th to 11th March 2016.

Department of Microbiology

S. No.	Name	Designation
1	Dr. Vijaya Lakshmi Nag	Professor & Head
2	Dr. Anuradha Sharma	Additional Professor
3	Dr. Ravisekhar Gadepalli	Assistant Professor
4	Dr. Vibhor Tak	Assistant Professor

About the Department:

Presently the Department has one Professor, one Additional Professor, two Assistant Professor, six Senior Residents, one Junior Resident, twelve working staff members including Technical Assistants, and ten Research Project staff. All the members are committed to put up their best efforts for the advancement of the departmental services.

Services to the medical Institute

- Provide laboratory facility for Outdoor and Indoor patients.
- Teaching and training of MBBS undergraduates and BSc Nursing students.
- Training of Junior and Senior Residents for Diagnostic, Academic and Research services.
- Provides 'Hospital Infection Control' services through a dedicated Infection Control Team and drafting infection control policies. Chairman and Member secretary of 'Hospital Infection Control' are from Microbiology Department.
- Provides 'Biomedical Waste' services through a dedicated waste management team and drafting SOPs for different waste disposal. Chairman and Member secretary of 'Biomedical Waste management' are from Microbiology Department.
- The Department provided key role in Kaya-Kalp programme for which Institute have been awarded the third prize.
- Procuring equipment to meet the present & future needs of the laboratory as well as of research for the department.

Academic activities

- Along with active participation in CPC & CGR conducted by the Institute, the Department contributed 3 CPC and 2 CGR during the session.
- Department participated actively in the "Integrated teaching classes" for MBBS students, in coordination with other departments, which are being organized routinely.
- The 1st Rajasthan Chapter of Indian Academy of Tropical Parasitology (IATP) was organized at national level by the Department at AIIMS Jodhpur.

- It was a two day CME held on 2nd and 3rd September 2016 with the theme - "**Current trends in Parasitology: Clinical, Diagnostic and Management Challenges.**"

To the patients

- Department provides clinical microbiological services to Outdoor and Indoor patients by performing various tests related to infections under Bacteriology, Serology, Virology, Parasitology, Mycology and Mycobacteriology.
- Total number of approximate investigations performed in different sections of the Departmental Lab during the year are as follows:
 - ✓ Cultures on different samples in Bacteriology lab – 6606
 - ✓ Blood cultures using fully Automated Blood culture systems (BACTEC-FX and BacT/ALERT-3D) - 1084
 - ✓ Serological tests (Bacterial and Viral) - 25952
 - ✓ Stool examination & PBS for parasites - 983
 - ✓ Fungal smear & culture – 867
 - ✓ AFB smears and mycobacterial culture – 1792
 - ✓ Mantoux tests – 677
 - ✓ AFB smears through DOTS – 552
 - ✓ ICTC and STI – 450 cases

OTHERS

- The Department is presently running three Extramural and four Intramural projects, for which competent staff members have also been recruited to work meticulously in the hospital and laboratory related to the project.
- Department has also contributed in creating awareness among general public regarding multiple health related issues, through "Public Lectures", which are organized by the Institute from time to time.

Name of Faculty: Dr. Vijaya Lakshmi Nag

Designation: Professor & Head

a. Publications

Non-Pubmed

1. **Vijaya Lakshmi Nag**, Manodeep Sen, Nihar Ranjan Dash, R Bansal, Manoj Kumar, Anand Kumar Maurya. Hematuria without chyluria: It could still be due to filarial etiology. Tropical parasitology; Vol 6. Issue 2. July 2016.
2. **Vijaya Lakshmi Nag**, Nihar Ranjan Dash, Akansha Srivastava, Durgesh Kumar Srivastava, Santosh Kumar Maurya and Tapan Nirodh Chandra Dhole. "Socio Demographic Variables and Psychosocial Stressors among Integrated Counseling and

Testing Centre (ICTC) Attendees: A Preliminary Report from North India". AIDS Clin Res Sex Transm Dis 2016, 3: 006.

3. Maurya A K, **Nag V L**, Kant S, Kushwaha RAS, Verma S, Kumar M, Dhole N. Genotypic analysis of multi drug resistant tuberculosis isolates from extra pulmonary tuberculosis cases in tertiary care Centres in Northern India. International Journal of Mycobacteriology 2016; Dec 5 Suppl 1: S125-S126.

Books/Chapters :

1. Member of Subject review committee of National Formulare of India, 5th edition, 2016. Indian Pharmacopia commission, Ministry of Health and Family welfare, Government of India.

Paper presented :

1. An unusual closed presentation of mycetoma. A case report. Bala K, Dash S, **Nag V**, Rao M, Bhattacharya S. MICROCON-2016.
2. Spectrum of parasitic infections in patients attending a tertiary care hospital. S. kumar, Dash S, Hada V, Maurya K, Agrawal R, Narula H, Gadelalli R, Sharma A, **Nag VL**. 1st Rajasthan Chapter of IATP-2016, 2nd and 3rd September 2016, at AIIMS Jodhpur.
3. Bacteriological Profile of Diabetic foot Ulcers: An experience from Western Region of India (Rajasthan) Gadepalli RS, **Nag VL**, Sharma A et al in 6th annual Conference of Clinical Infectious Diseases Society CIDSCON 2016, held at Varanasi from 26th -28th August 2016.
4. Maurya AK, **Nag VL**, Kant S, Kushwaha RS, Dhole TN. Genotypic analysis of multidrug-resistant tuberculosis isolates from extra pulmonary tuberculosis cases in tertiary care centers in Northern India. 2nd Asian African Congress of Mycobacteriology, from 25-28 February 2017 in Iran,

Invited Lectures

1. Fungal Infection in Ostomates. In 4th Annual General Meeting of Ostomy Society at Dr BR A Institute Rotary Cancer Hospital, AIIMS, New Delhi. 16th Oct. 2016.
2. Need for achieving better diagnostics: Quality control in parasitology. 2nd & 3rd Sept. in 1st Rajasthan chapter of IATP 2016 at AIIMS, Jodhpur.

Research project :

Ongoing :

➤ **As Principal Investigator:**

1. Extra-mural project on Capacity Building and Strengthening of Hospital Infection Control to detect and prevent antimicrobial resistance in India-CDC, Multi-centric project with AIIMS Delhi.

➤ **As Co-Investigator:**

1. Extra mural multicentre (ICMR) project “Congenital Rubella Syndrome Surveillance in India”- 11th Jan.2016.
2. Extra mural multicentre (ICMR) project “Hospital based surveillance of Streptococcus pneumoniae and other invasive bacterial diseases”. ICMR. NIE, Chennai.
3. Intra-mural project on Trend in laboratory confirmed cases of Diphtheria. (2016)
4. Intramural project granted on “*Seroprevalance of Brucellosis in Western region of Rajasthan*” Funded by AIIMS Jodhpur.

Completed:

➤ **As Co-Investigator:**

1. Rubella seroprevalence among female medical and nursing students of AIIMS Jodhpur.
2. Safe handling of cadavers: an assessment of Infectious agents in anatomy dissection hall.

Scientific Awards/Patents

1. FIMSA Travel Grant Award as Young Researcher from Japanese Society of Immunology, Japan (2016) – to one of the Junior co-author. Maurya A k, **Nag V L**, Kant S, Kushwaha RAS, Verma S, Kumar M, Dhole N. Using novel mouse monoclonal anti MPT 64 antibody for rapid differentiation between Mycobacterium tuberculosis complex and nontuberculous mycobacteria from extra pulmonary tuberculosis cases in tertiary care hospitals. Proceeding of 45th JSI of Japanese Society of Immunology 2016; 45:161.

Examinership

1. MBBS Microbiology Examiner at AIIMS, Bhubaneshwar Jan. 2017.
2. MBBS Microbiology Examiner at AIIMS, Patna 27th Feb. 2017.
3. In Faculty interview as subject expert at Super Specialty Cancer Institute, Lucknow, 24th Feb. 2017.
4. PhD Thesis examiner, Department of Pulmonary Medicine, KGMU, Lucknow, 2016

Membership/Post in Journal or Society or Association

1. President, Rajasthan Chapter of Indian Academy of Tropical Parasitology.
2. President and Organizing Secretary, 1st Rajasthan Chapter of Indian Academy of Tropical Parasitology.
3. Executive member of Indian Academy of Tropical Parasitology.

National/International Conferences attended :

1. 4th Annual General meeting and 26th AGM of Indian Ostomy Society at AIIMS, New Delhi, on 16th October 2016.
2. Workshop on Application of Bioinformatics in Virus genomics and Evolution Research, 17th and 18th March 2017, at Desert Medicine & Research Centre Jodhpur.
3. 2nd Training Workshop of CDC project Capacity Building and Strengthening of Hospital Infection Control to detect and prevent antimicrobial resistance in India, Indian Habitat Centre Delhi hosted by AIIMS Delhi, 14th-15th December 2016.
4. 3rd Training Workshop of CDC project Capacity Building and Strengthening of Hospital Infection Control to detect and prevent antimicrobial resistance in India, Indian Habitat Centre Delhi hosted by AIIMS Delhi, 28th February- 1st March 2017

Workshops/Conferences Organized

1. President & Organizing Secretary of “1st Rajasthan Chapter of Indian Academy of Tropical Parasitology at , AIIMS Jodhpur, on 2nd & 3rd Sept 2016.

Any other information:

1. Training in Hospital Administration, All India Institute of Medical Sciences, New Delhi, 1st April 2016 to 30th April 2016.
2. Laboratory Training Program for isolation of S. pneumoniae & other invasive pathogens under project entitled “Hospital based Sentinel surveillance for streptococcus and other invasive bacterial diseases in India, CMC Vellore, 7th to 9th Nov. 2016.
3. Laboratory Training Program for Congenital Rubella Syndrome Surveillance in India, National Institute of Virology, Pune, 16th to 17th Nov. 2016.

Name of Faculty: Dr. Anuradha Sharma

Designation: Additional Professor

Research project :

Ongoing

➤ As principal Investigator

1. Intra-mural project on Trend in laboratory confirmed cases of Diphtheria. (2016)

➤ As Co-Investigator

1. “Hospital based surveillance of Streptococcus pneumoniae and other invasive bacterial diseases”. ICMR. NIE, Chennai.

Examinership :

1. MBBS, SN Medical College, Jodhpur. 20-23rd February 2017.

Membership/Post in Journal or Society or Association:

1. American Society of Clinical Pathologists (ASCP)
2. American Society For Microbiology (ASM)

National/International Conferences attended:

1. MICROCON 2016. PGIMER, Chandigarh, PGI, 23-27th November 2016

Any other information:

1. Workshop on hands on training on identification of invasive bacterial diseases. CMC, Vellore. 7th-9th November 2016.
2. Received Certification course on "Internal Auditor and Quality Management Systems" at AIIMS, Jodhpur. 2nd-5th August 2016.

Name of Faculty: Dr. Ravisekhar Gadepalli

Designation: Assistant Professor

Resource Faculty:

1. Protocol Design and Introduction to Evidence Based Medicine for PG and MPH Students, scheduled on 06th – 7th & 10th April, 2017, AIIMS Jodhpur

Research Project:

Ongoing:

➤ **As Principal Investigator :**

1. Intramural project granted on "*Seroprevalance of Brucellosis in Western region of Rajasthan*" Funded by AIIMS Jodhpur.

➤ **As Co-Investigator :**

1. Intramural project granted on "Effect of Vitamin D level in confirmed cases of brucellosis attending a tertiary care hospital in western Rajasthan" Funded by AIIMS Jodhpur.
2. Intramural project on "Rate of surgical site infection and antimicrobial susceptibility profile of Methicillin Resistant Staphylococcus aureus in patients undergoing elective surgical procedure."

Completed:

➤ **As Principal Investigator:**

1. Intramural project on “*Microbiological profile of diabetic foot ulcers*” Funded by AIIMS Jodhpur (2014)

➤ **As Co-Investigator:**

1. Project on surveillance of Congenital Rubella Syndrome- funded by Indian Council of Medical Research, New Delhi.

Membership/Post in Journal or Society or Association

1. American Society For Microbiology (ASM)
2. American Heart Association (AHA)
3. Indian Association of Medical Microbiologists (IAMM)

National/ International Conferences:

1. 6th annual Conference of Clinical Infectious Diseases Society CIDSCON 2016, held at Varanasi from 26th -28th August 2016.
2. 46th Annual Meeting of the German Society for Immunology, held at Hamburg/Germany from 27 – 30 September 2016

Any other information:

1. Manuscript writing & Publication Ethics and Research Methodology held on 20th&21st September 2016
2. Medical Technology Innovation-covering Ideas to products held on 12 February 2017.
3. *Bacteriological Profile of Diabetic foot Ulcers: An experience from Western Region of India (Rajasthan)* in 6th annual Conference of Clinical Infectious Diseases Society CIDSCON 2016, held at Varanasi from 26th -28th August 2016.
4. Presented a Scientific paper at 46th Annual Meeting of the German Society for Immunology, held at Hamburg/Germany from 27 – 30 September 2016. Title: "Role of G protein coupled-receptor signaling in vascular wall remodeling and Atherosclerosis" with the ID 025

Name of Faculty: Dr. Vibhor Tak

Designation: Assistant Professor

Publications Papers :

Pubmed:

1. Singh A, Hussain A, Jain R, Aishwarya K, **Tak V**, Thakur P. *Achromobacter xylosoxidans* septic arthritis in a child with primary immunodeficiency. *Journal of Global Infectious Disease*. 2017;9:36-7.

2. Nayyar C, Thakur P, **Tak V**, Saigal K. Stenotrophomonas maltophilia: An Emerging Pathogen in Paediatric Population. Journal of Clinical and Diagnostic Research. 2017;11(1): 8-11.
3. Thakur P, Nayyar C, **Tak V**, Saigal K. Mannitol fermenting and tube coagulase-negative staphylococcal isolates: Unraveling the diagnostic dilemma. Journal of Laboratory Physicians 2017;9:65-66.

Research project:

Ongoing:

➤ **As Co-Investigator**

1. Capacity Building and Strengthening of Hospital Infection Control to detect and prevent antimicrobial resistance in India. CDC, Multi-centric project with AIIMS Delhi as the Principal Investigators.

Membership/Post in Journal or Society or Association:

1. Treasurer; Rajasthan Chapter of Indian Academy of Tropical Parasitology
2. Life Member; Indian Academy of Tropical Parasitology

National/International Conferences attended:

1. Introduction to Cochrane systematic review & Meta-analysis, Department of Pharmacology AIIMS Jodhpur, 20th August 2016.
2. Current trends in Parasitology: Clinical, Diagnostic and Management Challenges, Rajasthan Chapter of Indian Academy of Tropical Parasitology, AIIMS Jodhpur, 2nd & 3rd September 2016.
3. Manuscript writing & Publication ethics & research methodology, Research cell AIIMS Jodhpur, 20th & 21st September 2016.

Workshops/Conferences Organized:

1. As Treasurer in “1st Rajasthan Chapter of Indian Academy of Tropical Parasitology held at AIIMS Jodhpur, on 2nd & 3rd Sept 2016.

Any other information:

1. Attended FRCP Path Part 2 preparatory course Medical Microbiology and Hospital Infection Control, Global Hospitals Hyderabad, 21st-24th February 2017.
2. 2nd Training Workshop of CDC project Capacity Building and Strengthening of Hospital Infection Control to detect and prevent antimicrobial resistance in India, Indian Habitat Centre Delhi hosted by AIIMS Delhi, 14th-15th December 2016.
3. 3rd Training Workshop of CDC project Capacity Building and Strengthening of Hospital Infection Control to detect and prevent antimicrobial resistance in India, Indian Habitat Centre Delhi hosted by AIIMS Delhi, 28th February- 1st March 2017.

Department of Neonatology

S. No.	Name	Designation
1	Dr. Neeraj Gupta	Associate Professor

About The Department:

Department of Neonatology is providing care to premature, low birth weight and sick newborns. Since the launch of in-house labour room, department is also caring for in-born babies. Department is caring for these babies through its 6 bedded state of art Neonatal Intensive Care Unit (NICU) along with rooming in with nursing mother in wards. Challenging cases like extremely low birth babies weighing around 600 gms have been managed well with a team of doctors and nursing staff. Intact survival of babies is the goal

Name of Faculty: Dr. Neeraj Gupta

Designation: Associate Professor

Publications:

Pubmed:

1. Investigators of the Delhi Neonatal Infection Study (DeNIS) collaboration. Characterization and antimicrobial resistance of sepsis pathogens in neonates born in tertiary care centres in Delhi, India: a cohort study. *Lancet Glob Health*. 2016; 4:e752-60.
2. Sankar MJ, **Gupta N**, Jain K, Agarwal K, Paul VK. Efficacy and safety of surfactant replacement therapy for preterm neonates with respiratory distress syndrome in low- and middle-income countries: a systematic review. *J Perinatol*. 2016; 36:S36-48.
3. **Gupta N**, Jain P, Singh K, Bhattacharya S. Super-refractory Status Epilepticus with Hemophagocytic Syndrome in a Child with HIV Infection. *J Trop Pediatr*. 2017 Jan 14. [Epub ahead of print].
4. Sharma PK, **Gupta N**, Hasan N, Krishnamurthy B, Singh S. Hypersensitivity with Inhalational Budesonide: An Under Recognised Entity. *J Clin Diagn Res*. 2016; 10:FD01-FD02.

Non-Pubmed:

1. Chugh A, **Gupta N**, Chugh VK. Ectodermal dysplasia with total anodontia: Case report with review. *Indian J Multidiscip Dent* 2016;6:124-128.

Invited Lectures

1. Enteral Nutrition in Preterm Neonates, 22nd June, 2016, Monthly CME, IAP Marwar
2. Common Neonatal Problems in Office Practice, CME, 24th July, 2016 IAP Alwar
3. Enteral Nutrition in Preterm Neonates; CME, 24th July, 2016, IAP Alwar
4. High Frequency Ventilation in Neonates, Neonatal Ventilation Workshop, 18th – 20th Jan, 2017, AIIMS, Delhi
5. Acute Deterioration of a Ventilated Newborn, Neonatal Ventilation Workshop, 18th – 20th Jan, 2017, AIIMS, Delhi
6. CPAP- Science & Physiology, 14th July, 2016, Quarterly Meeting, State Institute of Health and Family Welfare (SIHFW), Jaipur
7. CPAP Art- Initiation & Monitoring, 14th July, 2016, Quarterly Meeting, State Institute of Health and Family Welfare (SIHFW), Jaipur
8. Principles of Oxygenation and Carbondioxide Removal, Neonatal Ventilation Workshop, 20 -21st Oct, 2016, Annual Conference of IAP Neonatology Chapter, Ranchi
9. Panel Discussion on Neonatal Sepsis, Annual Conference of IAP Neonatology Chapter, 21-23rd Oct, 2016
10. CPAP- Basics, Evidence & Machines, Non-Invasive Ventilation Workshop, 4th Nov, 2017, RajNeocon, 2016

Resource Faculty:

1. Part of content development workshop on 'Reducing Retinopathy of Prematurity (ROP) by improving the quality of neonatal care in Special Care Neonatal Units' a Queen Elizabeth Diamond Jubilee Trust UK, Public Health Foundation of India initiative in collaboration with AIIMS, New Delhi, PGIMER, Chandigarh, and GMCH, Chandigarh from 28-30th Aug, 2016 at Savoy Suits, R-75, Sector 1, IMT Manesar, Gurgaon.
2. Part of content development workshop on 'Reducing Retinopathy of Prematurity (ROP) by improving the quality of neonatal care in Special Care Neonatal Units' a Queen Elizabeth Diamond Jubilee Trust UK, Public Health Foundation of India initiative in collaboration with AIIMS, New Delhi, PGIMER, Chandigarh, and GMCH, Chandigarh from 14-15th Aug, 2016 at AIIMS, Delhi.

Research Projects:**Ongoing:****➤ As Principal Investigator**

1. Correlation between salivary and serum C-reactive protein among neonates with sepsis: A pilot study, AIIMS, Jodhpur

➤ As Co-Investigator

1. Congenital rubella Syndrome Surveillance –Multicentre project by ICMR (Co-PI from AIIMS, Jodhpur)

Examinerships:

1. Undergraduate Supplementary Exam, Government Medical College, Kota

National/ International Conferences attended:

1. Capacity Building Workshop on Quality Improvement, AIIMS, Delhi, 2-3rd Aug, 2016
2. Coaching Course in Quality Improvement, AIIMS Delhi & USAID, 23-25th Jan, 2017,

Department of Nephrology

S. No.	Name	Designation
1	Dr Nitin Kumar Bajpai	Assistant Professor

About the Department:

Nephrology is an area of internal medicine that implements the three core pillars of urinalysis, blood tests, and renal pathological diagnosis to examine and treat kidney diseases.

Department of Nephrology at AIIMS, Jodhpur is presently involved in diagnosis and management of renal diseases including systemic renal diseases, glomerular disease, Tubulointerstitial disorder, hypertension, diabetes, connective tissue diseases and blood disorder as well as acute and chronic renal failure and manages everything from the initial kidney disease to the terminal phase.

Presently department is involved in outpatient and inpatient services to kidney patients. Department is also providing interventional support like kidney biopsy, AV fistula formation, AV graft placement and angiography and angioplasty of AV fistula and central venous stenosis in collaboration with other departments

Department soon going to start hemodialysis support to renal failure patients and in near future AIIMS, Jodhpur will have renal transplant facility.

Name of Faculty: Dr. Nitin Kumar Bajpai

Designation: Assistant Professor

Sessions Chaired:

1. Vaccines in Renal Failure & Transplant Patients, Indian Society of Nephrology, North Zone, Annual Conference 02nd – 04th February 2017, SGPGI, Lucknow

Research Projects:

Ongoing:

➤ As Principal Investigator

1. Correlation of NGAL with degree of albuminuria in patients of type 2 Diabetes Mellitus AIIMS, Jodhpur.

➤ As Co-Investigator

1. Role of Perforins in Metabolic Inflammation. Funding Agency- AIIMS, Jodhpur.

Membership/ Post in Journal or Society or Association:

1. International Society of Nephrology.

National/ International Conferences attended:

1. Association of Vascular Access and Interventional Renal Physicians Conference July 2016, New Delhi.
2. North Zone Indian Society of Nephrology Conference, February 2017, SGPGIMS Lucknow.

Department of Obstetrics & Gynecology

S.No.	Name	Designation
1	Dr. Pratibha Singh	Professor & Head
2	Dr. Shashank Shekhar	Associate Professor
3	Dr. Manu Goyal	Assistant Professor
4	Dr. Garima Yadav	Assistant Professor
5	Dr. Meenakshi Gothwal	Assistant Professor

About The Department:

The Department of Obstetrics & Gynecology has rapidly grown to a full-fledged teaching and research department with emphasis on patient care. There are five Faculty Members now, Nine Senior Residents and One Junior Resident.

Teaching: The department continues with its undergraduate teaching program for medical students. New methods of teaching like problem-based learning, small group discussions, unconventional learning methods not only makes teaching- learning interesting but also inculcates lifelong learning in students. Faculty had been actively participating in the Clinical Grand Rounds and Clinical Pathological Case Discussions. They are resource persons for Unconventional Teaching for 6th – 8th semester students

Research: Faculty members and residents are actively involved in various research activities in the department. 3 intramural projects have been initiated in the department, and faculty members are acting as a co-investigator in few more.

Patient care: The number of OPD cases, IPD admissions and labour room admissions have significantly increased in last year. Number of surgeries - both major and minor have also increased. In last year number of OPD cases were 21,990 (new, old and referred cases), 339 minor procedures in OPD (endometrial aspiration/ endometrial biopsy, cervical biopsy, polyp removal etc) 1628 cervical smears were done in OPD for screening of cervical cancers. 496 major and minor surgeries were done in gyne OT. Admissions in labour room were 438 out of which 379 patients delivered. (vaginal delivery and LSCS)

We are getting referred and difficult cases from the city as well as from neighboring areas. Laparoscopic surgery is done routinely for many gynecological conditions by the faculty members including advanced procedures like –Wertheim’s Hysterectomy, vaginoplasty etc. In near future we plan to start IVF unit and Fetal medicine for the benefit of the people of Rajasthan.

Department has organized 11th annual conference of Indian Society of Colposcopy and Cervical Pathology on 2nd & 3rd April 2016 and First certificate course on Basic Laproscopic Gynecologic Surgery was organized on 21 -23 Feb 2017.

Eminent Visitors:

1. Dr Ragini Mehrotra; Prof & Head , Obstetrics & Gynecology, AIIMS Bhopal
2. Dr Jaya Chaturvedi; Prof & Head , Obstetrics & Gynecology, AIIMS Rishikesh

Name of Faculty: Dr. Pratibha Singh

Designation: Professor & Head

Publications:

Non-Pubmed:

1. Lath N, Bansal S, **Singh P**. Digoxin Therapy for Fetal Supraventricular Tachycardia Diagnosed at 29 Weeks Gestation. Indian J Ob & Gynae. 2016; 4: 57-61

Books/Chapters

2. Singh K, **Singh P**, Kumar R ; Public Health Genetics, in Essential Preventive Medicine ,Ed Piyush gupta, CBS Publishers, New Delhi 2016.

Papers Presented:

1. Presented Poster in International conference at Los Angeles on 7-9 April on 'Effect of Objective Structured Clinical Examination (OSCE) on undergraduate students learning".
2. Co-author for papers- (presented in 11th annual conference of ISCCP at AIIMS Jodhpur)
 - a. Post Hysterectomy Vault smears
 - b. Adrenal Rest cells in ovary in a case of Wertheims Hystrectomy for early cancer cervix.

Sessions Chaired:

1. "Psychological aspects of STI" at 43rd annual conference of IASSD & AIDS at AIIMS Bhopal on 25-27th Nov 2016

Invited Lectures:

1. "Medical management of Endometriosis" at Master class of ISAR at Dr S N Medical college on 16 July 2016
2. "Management of CIN 1" and Molar pregnancy – follow up" NARCHICON 2016 at Jaipur on 23rd- 24th Sep 2016

3. 'Sexual Disparities/Biases faced by STI affected women in India" at 43rd annual conference os IASSD & AIDS at AIIMS Bhopal on 25-27th Nov

Resource Faculty:

1. FOGSI Oncology conference at Goa on 29th – 31st July 2016 ; participated in Panel discussion on Trophoblastic diseases
2. Panelist on "Fertility Preservation in Gynecological Malignancy" at 30th Annual conference of Indian society of surgical Oncology on 25th Sep 2016, at Jodhpur
3. Panelist on 'STI in pregnancy" at state conference of Uttarakhand Obs & Gyne Society on 26th Feb 2017
4. Certificate Course in Basic Laparoscopic Gynecology Surgery at AIIMS Jodhpur on 21-23 Feb 2017, took lecture on 'Introduction of Laproscopy in Gynecology'.

Research Projects:

Ongoing:

➤ As Principal Investigator

Pre and post treatment symptomatic assessment of STI women receiving syndromic treatment.

➤ As Co-Investigator

1. Utility of VEGF & PIGF in prediction of preeclampsia.
2. Detection of nerve fibres in the Eutopic endometrium of patients with endometriosis, uterine fibroids and adenomyosis
3. Role of cervical cancer biomarkers (Ki67 , P16) in abnormal Pap smear ,
4. Skin preparation for prevention of surgical site infection after obst. & gynae. abdominal surgery.
5. CRS surveillance, a multicentric project by ICMR

Examinerships:

Exam	Place	date
MBBS	SCB Bikaner	23th July 2016
MS	JLN Medical College, Ajmer	12 th & 13 th Aug 2016
MS	SAIMS, Indore	23 rd August 2016
MBBS	AIIMS Rishikesh	5 th & 6 th Dec 2016
MBBS	AIIMS Bhopal	16 th & 17 th Dec 2016

MS	SCB medical college Bikaner	13 th Feb 2017
MBBS	AIIMS Rishikesh	25 th Feb 2017

Membership/ Post in Journal or Society or Association :

1. Member- Indian Society of Oncology
2. Member -Association of minimal access surgeons of India

National/ International Conferences attended:

1. FOGSI Oncology conference at Goa on 29-31 July 2016
2. NARCHICON 2016 at Jaipur on 21-23 sep 2016
3. NATCON IASO , national conference of Indian association of surgical oncology at Jodhpur 25th Sep 2016
4. 40th annual conference of Indian society of study on sexually transmitted disease and AIDS at Bhopal on 25-27 Nov 2016
5. AMASI skill course at CMC Ludhiana on 31st mar- 2nd april 2017.

Workshops/ Conferences Organized:

1. 11th Annual Conference of Indian Society of Colposcopy and Cervical Pathology, 2nd & 3rd April 2016
2. First Certificate Course in Basic Laparoscopic Gynecological Surgeries 21-23 Feb 2017

Any other information:

1. Participated in workshop on capacity building and quality improvement, organized by AIIMS Delhi , IHI Cambridge USA on 2nd & 4rd Aug 2016
2. Participated in workshop on Log Book development for Interns on 28-29 Nov 2016 at AIIMS Bhubaneswar

Name of Faculty: Dr. Shashank Shekhar

Designation: Associate Professor

Papers Presented:

1. Co-author in paper "Adrenal Rest cells in ovary in a case of Wertheims Hystrectomy for early cancer cervix"; presented at 11th Conference of ISCCP at AIIMS Jodhpur on 2-3 April 2016.

Sessions Chaired:

1. Endofert 2016: Endoscopy & Infertility- Basic & Advanced

Resource Faculty:

1. Certificate Course in Basic Laparoscopic Gynecology Surgery

Research Projects:

Ongoing:

➤ **As Co-Investigator**

1. Utility of VEGF & PLGF in prediction of Preeclampsia

Scientific Awards/Patents:

1. IGCS Travel Fellowship Award

Examinerships:

1. Internal Examiner in Final Professional Examination of Batch 2012

Membership/ Post in Journal or Society or Association:

1. Member International Gynaecological Cancer Society

National/ International Conferences attended:

1. Endofert 2016: Organized by Deptt. Of Obstetrics & Gynecology AIIMS New Delhi

Workshops/ Conferences Organized:

1. First Certificate Course in Basic Laparoscopic Gynecological Surgeries

Any other information:

1. Awarded International Gynecological Cancer Society Travel Fellowship for year 2016- two months observership in Gynecological Oncology at University College London Hospital, London , United Kingdom from 15th September 2016 to 14th October 2016.

Name of Faculty: Dr. Manu Goyal

Designation: Assistant Professor

Publications:

Pubmed:

1. Sharma JB, **Goyal M**, Kumar S, Roy KK. Accidental fetal injuries during caesarean section deliveries. J Ind Med Assoc. 2017;115: 27-30.

2. **Goyal M**, Kriplani A, Mahey R, Kachhawa G. Successful outcome in a rare case of large adrenal myelolipoma during pregnancy complicated by uterine inversion. *J Preg Child Health* 2016; 3:5. doi:10.4172/2376-127X.1000293.
3. **Goyal M**, Kriplani A, Mahey R, Kachhawa G, Yadav R, Singh G. Giant congenital melanocytic nevus presenting as huge vulvar mass: A rare case. *Taiwan J Obstet Gynecol.* 2017 (56): 109-11.
4. **Goyal M**, Kriplani A, Kachhawa G, Badiger S. Prediction of preterm labour by detection of pHIGFBP-1 in cervical secretions. *Int J Gynecol Obstet.* 2016 Aug;134(2):165-8.
5. Sharma JB, **Goyal M**. Cardiotocography and diabetic pregnancy. *J Pak Med Assoc.* 2016 Sep;66(9 Suppl 1): S30-3.

Sessions Chaired:

1. Live surgery demonstration of Laparoscopic sacrohysteropexy and laparoscopic cystectomy. ENDOFERT-2016 (Endoscopy and Fertility- Basic & Advanced), 5-8th August 2016, AIIMS, NEW DELHI
2. ENDOMETRIOSIS: Recurrent endometriosis, Endometriosis and Malignancies. ENDOFERT-2016, 5-8th August, 2016, AIIMS, NEW DELHI

Invited Lectures

1. Instrumentation and preoperative preparation in Gynecological Laparoscopy. 1st Training Course in Basic Laparoscopic Gynecology. 21-23 February 2017, AIIMS, Jodhpur.
2. Total laparoscopic Hysterectomy: Video session. 1st Training Course in Basic Laparoscopic Gynecology. 21-23 February 2017, AIIMS, Jodhpur.

Resource Faculty:

1. Member of organizing committee for 1st Training Course in Basic Laparoscopic Gynecology. 21-23 February 2017, AIIMS, Jodhpur. (Lecture, Video session, Live surgery demonstration, providing training to trainees on endo-suturing, and surgery on simulator and endotrainers).
2. Member of Organising Committee for 30th Annual National Conference of Indian Association of Surgical Oncology (NATCON IASO 2016) 23-25th September 2016, Welcome Hotel, Jodhpur).Also Panelist in Panel discussion on Early cervical cancer.
3. Judge for Competition paper presentation: ENDOFERT-2016 (Endoscopy and Fertility-Basic & Advanced), 5-8th August 2016, AIIMS, NEW DELHI.
4. Judge for the session of Dance competition in KARTAL 2017, AIIMS, Jodhpur.

Research Projects:

Ongoing:**➤ As Principal Investigator**

1. Utility of VEGF & PIGF in prediction of preeclampsia. [Intramural research Project], [AIIMS, Jodhpur]

➤ As Co-Investigator

1. A pilot study of pre-diabetes and autoimmune thyroiditis in obese and non-obese polycystic ovarian syndrome (PCOS) women (STS project, AIIMS Jodhpur)

Membership of Societies:

1. Member of Federation of Obstetricians and Gynecologists of India (FOGSI)
2. Member of Gynae- Endocrine Society of India (GESI)
3. Member of ASPIRE.

National/ International Conferences attended:

1. ENDOFERT-2016 (Endoscopy and Fertility- Basic & Advanced), 5-8th August 2016, AIIMS, NEW DELHI.
2. 30th Annual National Conference of Indian Association of Surgical Oncology (NATCON IASO 2016) 23-25th September 2016, Welcome Hotel, Jodhpur.
3. NMOCON 2017: Annual National Conference of National Medicos Organisation. 10-12th February 2017, AIIMS, Jodhpur.
4. 1st Training Course in Basic Laparoscopic Gynecology. 21-23 February 2017, AIIMS, Jodhpur
5. AIIMS Jodhpur certified BLS course on 23rd July 2016, AIIMS, Jodhpur.
6. Basic training course in Intrauterine insemination technology, 4th September 2016: Preksha Hospital and IVF Research Centre, Jodhpur

Workshops/ Conferences Organized:

1. 1st Training Course in Basic Laparoscopic Gynecology. 21-23 February 2017, AIIMS, Jodhpur.
2. 30th Annual National Conference of Indian Association of Surgical Oncology (NATCON IASO 2016) 23-25th September 2016, Welcome Hotel, Jodhpur.

Any other information:

1. Live demonstration of surgery (Total Laparoscopic hysterectomy) to delegates during 1st Training Course in Basic Laparoscopic Gynecology. 21-23 February 2017, AIIMS, Jodhpur.
2. CGR presentation on Polycystic Ovarian Syndrome: A Multidisciplinary problem. 7th December 2016, AIIMS, Jodhpur.
3. Judge for the session of Dance competition in KARTAL 2017, AIIMS, Jodhpur.

Name of Faculty: Dr. Garima Yadav

Designation: Assistant Professor

Publications:

Non-Pubmed:

1. Radhika AG, Chawla S, Nanda P, **Yadav G**, Radhakrishnan G. A Multivariate Analysis of Correlation between Severity and Duration of Symptoms, Patient Profile and Stage of Endometriosis. OJOG.2016: 6; 615-622.
2. **Yadav G**, Pathak C, Manchanda R. Ovarian Torsion- The Pitfalls in Diagnosis and Review of Current Trends in Management. OGIJ. 2017:6(4);212-216.
3. **Yadav G**, Pathak C, Manchanda R. Isolated torsion of the fallopian tube- suspicion is the key to success. IOG. 2016:6(4);34-36.
4. **Yadav G**, Pathak C, Manchanda R. Hysteroscopic management of intrauterine pathologies: a case series of 296 patients. J South Asian Feder Menopause Soc 2017;5(1):1-6.

Papers Presented:

1. Yadav G, Pathak C, Manchanda R. Hysteroscopic management of intrauterine pathologies: a case series of 296 patients. NARCHICON 2016, 23rd-25th September 2016, Jaipur

Invited Lectures:

1. Ergonomics in laparoscopy. 1st basic training course in Gynecological Endoscopy, AIIMS, Jodhpur
2. Troubleshooting in laparoscopy. 1st basic training course in Gynecological Endoscopy, AIIMS, Jodhpur

Resource Faculty:

1. Congenital hearing loss: A Gynecologist's perspective. IPHACON, 24-26th feb 2017, AIIMS, Jodhpur.

Research Projects:

Ongoing:

➤ **As Principal Investigator:**

1. Detection of Nerve Fibres In The Eutopic Endometrium Of Patients With Endometriosis, Uterine Fibroids And Adenomyosis- intramural research, AIIMS, Jodhpur

➤ **As Co-Investigator:**

1. Role of cervical cancer biomarkers (Ki67 , P16) in abnormal Pap smear , Department of Obst. & Gynae. AIIMS Jodhpur.

2. Skin preparation for prevention of surgical site infection after obst. & gynae. abdominal surgery. Department of obst. & gynae. AIIMS Jodhpur
3. Pre and post treatment symptomatic assessment of STI receiving syndromic treatment. Department of obst. & gynae. AIIMS Jodhpur

Scientific Awards:

1. Certificate of honor for conferring first position in the ICOG certification course examination in Gynaecological Endoscopy at AICOG, Jan 2107.

National/ International Conferences attended:

1. 21st NARCHICON. NARCHI, Jaipur, 24th -26th September 2016.
2. 60th AICOG 2017. FOGSI, AHMEDABAD, 25th -29th Jan 2017

Workshops/ Conferences Organized:

1. Part of organizing team of First training course on basic skills in gynaecological laparoscopy. AIIMS Jodhpur 21-23feb 2017.

Name of Faculty: Dr. Meenakshi Gothwal

Designation: Assistant Professor

Invited Lectures

1. Sterilization and disinfection of laparoscopic instruments. 1st basic training course in Gynecological Endoscopy, 21-23 feb 2017, AIIMS, Jodhpur

Research Projects:

Ongoing:

➤ **As Principal Investigator**

1. Role of cervical cancer biomarkers (Ki67 , P16) in abnormal Pap smear

➤ **As Co-Investigator**

1. Detection of nerve fibers in the eutopic endometrium of patients in endometriosis, uterine fibroid and adenomyosis.
2. Validation of color coded rings for cervicograph and knowledge and skill upgradation of skilled birth attendants for labor and delivery management of sub district level, Department of Community and Family Medicine, AIIMS Jodhpur
3. Skin preparation for prevention of surgical site infection after obst. & gynae. abdominal surgery

4. Pre and post treatment symptomatic assessment of STI receiving syndromic treatment.

National/ International Conferences attended:

1. Operative Laparoscopy- Basic & Advanced –AIIMS DELHI 16-20 January 2017, New Delhi
2. 12th Annual conference of ISCCP – Maulana Azad Medical College.3-5th March 2017- Invited as a Faculty.
3. 47th AMASI Skill course & FMAS examination , Ludhiana 31st Mar -2nd April 2017 –.

Workshops/ Conferences Organized:

1. Part of organizing team of First training course on basic skills in gynecological laparoscopy. AIIMS Jodhpur 21-23feb 2017.

During the last year Department has organized following academic events:,

1. 11th Annual Conference of Indian Society of Colposcopy and Cervical Pathology, 2nd & 3rd April 2016
2. 1st Certificate Course in Basic Laparoscopic Gynecologic Surgery. Conducted on 21-23rd Feb.2017

Department of Ophthalmology

S.No.	Name	Designation
1	Dr. Arvind Kumar Morya	Associate Professor
2	Dr. Suwarna Suman	Assistant Professor

About The Department:

Department of Ophthalmology at AIIMS, Jodhpur is committed for the pursuit of excellence in all its mission. The department believes that the success is due to the quality of the clinical care we provide to patients.

In the year 2016-17, the total successfully done major ocular surgeries were 611 and 954 minor surgeries.

The department is providing services to approximately 125 no. of routine OPD patients per day, including patients with complex ocular problems like ocular trauma, complicated glaucoma and corneal ulcer cases, and many other blinding diseases of eye.

The department is routinely doing refraction and spectacle prescription to all the patients attending OPD who needs it, including newborns and children with refractive error.

Other subspecialties we have been working are:

- Complete work up and diagnosis of squint cases.
- Evaluation of glaucoma including IOP measurement, perimetry, disc evaluation on fundoscopy.
- Evaluation of cataract cases with complete surgical work up.
- ROP screening for new-borns
- Diagnosis and referral of posterior segment diseases like diabetic retinopathy, ARMD and other macular pathologies, retinal detachment.
- We are performing a wide variety of surgeries in our department.
- Cataract surgeries by phacoemulsification, including difficult cases like small pupil, pseudoexfoliation cases, zonular dialysis cases, cases with previous refractive surgeries (R.K).
- Combined cataract and glaucoma surgeries – phaco with trabeculectomy .
- Ocular trauma cases – corneoscleral repair with or without IOL, lid repair.
- Pterygium surgery with limbal conjunctival autograft with mitomycin C application
- Ocular carcinoma cases like lid cancers – excision and lid repair, ocular surface squamous neoplasia excision with amniotic membrane transplant.
- Evisceration for endophthalmitis and panophthalmitis
- Enucleation with orbital implant for intraocular tumor like retinoblastoma.

- Orbital foreign body removal and repair.
- Congenital cataract removal with IOL implantation.
- Trabeculectomy for congenital glaucoma.
- Cyclocryotherapy for painful blind eye.
- Refractive surgeries like clear lens exchange for high refractive errors.

Eminent Visitors:

1. Dr. Radhika Tandon ,Sr. Professor, Dept. of Ophthalmology, RP Centre, AIIMS, New Delhi

Name of Faculty: Dr. Arvind Kumar Morya

Designation: Associate Professor

Papers Presented:

1. **Morya AK**, Sutureless and glueless limbal stem cell conjunctival autografting in Pterygium at 39th annual conference organized by Rajasthan Ophthalmological Society on 21-10-2016 at Udaipur.
2. **Morya AK**,Iris claw IOL in zonular dialysis and in young patients at 39th annual conference organized by Rajasthan Ophthalmological Society on 22-10-2016 at Udaipur.
3. **Morya AK**, Onkar A Twenty Blinks keep the tears pink – Role of Blinking exercises in Computer Vision Syndrome at 39th annual conference organized by Rajasthan Ophthalmological Society on 21-10-2016 at Udaipur.
4. **Morya AK**, Life Style and Glaucoma at ACOIN 101ST, 102ND, 103RD, 104TH & 105TH Thar Desert Combined Districts CME on 18-09-2016 , held at AIIMS Jodhpur .
5. **Morya AK**, New Interventions in Diagnosis in Glaucoma at Jodhpur Ophthalmological Society ON 16-07-2016.

Sessions Chaired:

1. Latest development in the World of Refractive IOL's,39th Annual conference organized by Rajasthan Ophthalmological Society at Udaipur on 22th October 2016 .
2. Refractive surgeries - an Insight for Post-Graduate students . Paathshaala for Rajasthan Post Graduate students. Organized by Rajasthan Ophthalmological Society at Ajmer on 08th January 2017 .
3. In search of Comprehensive eye Health Care problem in the Community:-ACOIN Contribution for a Situation Analysis. Organized by Department of Ophthalmology AIIMS Jodhpur on 18th October 2016.

Invited Lectures

1. Glaucoma and Lifestyle. In search of Comprehensive eye Health Care problem in the Community:-ACOIN Contribution for a Situation Analysis. Organized by Department of Ophthalmology AIIMS Jodhpur on 18th October 2016.

Research Projects:

Ongoing:

➤ **As Principal Investigator**

1. To study the changes in intraocular pressure (IOP), retinal ganglion cells thickness and visual field with various common mudras or asana practiced by our population.2016-2017. Research cell, AIIMS Jodhpur. S.N.Medical College, Jodhpur.
2. Prevalence of and risk factors for Dry eye in the patients attending Ophthalmic OPD at AIIMS, Jodhpur.2016-2018.Research cell, AIIMS Jodhpur.

➤ **As Co-Investigator**

1. National blindness survey in India.2015-2018. AIIMS, New Delhi. AIIMS, Jodhpur.
2. Congenital Rubella Surveillance.2016-2018. ICMR. AIIMS, Jodhpur.

Scientific Awards/Patents:

1. Awarded for excellent work in the field of teaching by Rajasthan Ophthalmological Society on 08-01-2017 at J.L.N. Medical College, Ajmer.

Examinerships:

2. P.G Exam, S.N.Medical College, Jodhpur, 13th Aug 2016
3. U.G Exam, S.N.Medical College, Jodhpur, 14th Aug 2016
4. U.G Exam, S.N.Medical College, Jodhpur, 24th-26th Feb 2017

National/ International Conferences attended:

1. 75th All India Ophthalmic Conference.All India Ophthalmological Society, Jaipur, 16-19th February 2017.

Name of Faculty: Dr. Suwarna Suman

Designation: Assistant Professor

Research Projects:

Ongoing:

➤ **As Co-Investigator**

1. Congenital Rubella Syndrome Surveillance, ICMR

Completed:

1. As Principal Investigator

1. Comparison of clinical use of Ocular-Surface Disease Index (OSDI) questionnaire, tear film break-up time and Schirmer tests in diagnosing dry-eye.

National/ International Conferences attended:

1. 67 th DOS Annual conference of Delhi Ophthalmological Society; 07 to 09 April, 2016 at Hotel Asoka, New Delhi.
2. 61st Annual National Conference of Indian Public Health Association 24th February – 26th February 2017
3. Medical Technology Innovation workshop on 12th Feb 2017
4. 1st Rajasthan Chapter of Indian Academy of Tropical Parasitology - 2016 2 -3rd September 2016
5. Workshop on Introduction to Cochrane Systematic Reviews and Meta-analysis on 20th August 2016
6. National Seminar on Occupational Health on 7th and 8th July, 2016 jointly organized by Department of CM&FM, IAOH and MLPC.

Any other information:

Appointed as a subject expert to contribute to the question bank in the specialty of Ophthalmology for National Board of Examinations.

Department of Orthopedics

S.No.	Name	Designation
1	Dr. Abhay Elhence	Professor and Head
2	Dr. Sumit Banerjee	Associate Professor
3	Dr. Divesh Jalan	Associate Professor
4	Dr. Nitesh Gahlot	Assistant Professor

About The Department:

The Department of Orthopaedics at AIIMS Jodhpur has grown and shown steady progress in all aspects including patient care, research and training.

The department has grown and there has been a value addition in the faculty strength of the department adding more dimensions to the range and spectrum of quality Orthopaedic work, research, teaching and training undertaken by the department.

The department is routinely performing complex trauma surgeries, neglected trauma, Primary and revision hip and knee replacement surgery, sports medicine surgeries, degenerative and traumatic spine surgery, complex pediatric surgeries, deformity corrections and limb lengthening, musculoskeletal oncology surgery.

The department has undertaken collaborative research along with IIT Jodhpur, Intramural research and intradepartmental research within the Institute.

The department has also published its research work in the form of several papers in various peer reviewed journals.

All in all, it would be fair to say that the department of Orthopaedics at AIIMS Jodhpur has shown good progress on all fronts.

Name of Faculty: Dr. Abhay Elhence

Designation: Professor and Head

Publications:

1. Kalshetti P, Bundela M, Rahangdale P, Jangra D, Chattopadhyaya C, Harit G, **Elhence A.** An Interactive medical image segmentation framework using Iterative refinement. DOI: <http://dx.doi.org/10.1016/j.Combiomed.2017>.

Books/Chapters

1. Singh K and **Elhence A**. Skeletal Dysplasias Publisher_Jaypee Publishers_,2016-17, Revised Edition
2. **Elhence A**, Gahlot N. Tuberculosis of The Elbow Joint – Under Print by Paras Medical Publishers.

Papers Presented:

1. Jalan D, Sharma S, Elhence P, **Elhence A**. Mazabraud's Syndrome Revisited – Report of a case and review of literature” at IMSOS 2017 held in Varanasi from 9-11th March 2017.

Sessions Chaired / Invited Lectures / Symposium Speaker

1. Pune Trauma Course as Guest Faculty at Pune, on 23rd – 24th July, 2016.
2. Pelvi-Acetabulum Cadaveric Course as Guest Faculty at World Trauma Congress, JPN Trauma center, AIIMS New Delhi, on 16th – 17th August, 2016.
3. AO trauma – Basic Principles Course for Fracture Management as Guest faculty at New Delhi, on 15th – 17th September, 2016
4. Faculty Education program of AO Trauma India at New Delhi, on 5th – 6th November, 2016
5. 61st Annual Conference of the India Orthopaedic Association (IOACON-2016) as Guest Faculty and Chairperson at Kochi on 13-14th December, 2016.
6. Guest faculty and Chair Organizing Committee for the AIIMS-APAS Pelvi-acetabular soft cadaveric workshop on 28th January, 2017
7. North Zone Orthopaedic Association (NZOACON-2017) as faculty at Ludhiana, on 10th – 11th February, 2017.
8. Guest faculty on the AIIMS-Zimmer Biomet Soft Cadaveric Upper limb and lower limb Trauma Workshop on 3rd-4th March, 2017
9. Annual Meeting of Association of Pelvi-acetabular surgeons (APAS) at Jaipur as faculty and chair on 24th – 26th March, 2017.

Research Projects:**Ongoing:****➤ As Principal Investigator**

1. Effectiveness of institutional based goal oriented Rehabilitation in children with Developmental Delay disorder in a tertiary care set up.
2. Intramural project: Determination of Vitamin D reference level in Healthy Population in Rural Rajasthan.

➤ **As Co-Investigator**

1. Motion Analysis System for patients with Shoulder Impingement Syndrome – B.Tech Project
2. Preoperative Surgical Planning Tool using CT Scans and 3D Printing
3. Effect of Physical disability on handwriting in children with cerebral palsy
4. Perception of school authorities in Jodhpur towards inclusion education system for differently abled children.
5. Effectiveness of back school programme in chronic low back pain in different occupational settings in a tertiary care set - up.
6. Prevalence of Locomotor Disability in Jodhpur district.
7. Functional Assessment in spinal cord injury
8. Effectiveness of Platelet rich plasma versus kinesiotaping in chronic plantar fasciitis: Comparative study
9. Intramural project: Determination of Vitamin D reference level in Healthy Population in Urban Rajasthan.

Completed:

➤ **As Principal Investigator**

1. Comparison of Joint Space width between conventional antero-posterior X Rays of the Knee and Lyon Schuss postero-anterior view and its correlation with Visual Analog Score and Knee Society Score in patients with Osteoarthritis knee (AIIMS Jodhpur)

➤ **As Co-investigator**

1. Low Cost Indigenous Patient Specific Solution for Total Knee Replacement (Arthroplasty)- B.Tech Project

Scientific Awards/Patents:

1. Adult Reconstruction and Arthroplasty Fellow, Germany
2. IOS-UK Junior Fellow, UK

Examinerships:

1. Examinership of MS Orthopaedics at Subharti Medical College, Meerut
2. Examinership of MS Orthopaedics at Jamia Hamdard Institute of Medical Sciences, New Delhi

Membership/ Post in Journal or Society or Association:

1. Secretary of Association of Pelvic and Acetabular Surgeons.

National/ International Conferences attended:

1. Travelling fellowship granted by the Indian Orthopaedics Society UK (IOSUK) in England at Exeter and Wrightington, 26th June – 7th July, 2016 and the annual meeting of IOSUK on 8th – 9th July 2016.
2. Pune Trauma Course as Guest Faculty at Pune, on 23rd – 24th July, 2016.
3. Pelvi-Acetabulum Cadaveric Course as Guest Faculty at World Trauma Congress, JPN Trauma center, AIIMS New Delhi, on 16th – 17th August, 2016.
4. AO trauma – Basic Principles Course for Fracture Management as Guest faculty at New Delhi, on 15th – 17th September, 2016
5. Faculty Education program of AO Trauma India at New Delhi, on 5th – 6th November, 2016
6. 61st Annual Conference of the India Orthopaedic Association (IOACON-2016) as Guest Faculty and Chairperson at Kochi on 13-14th December, 2016.
7. North Zone Orthopaedic Association (NZOACON-2017) as faculty at Ludhiana, on 10th – 11th February, 2017.
8. Annual Meeting of Association of Pelvi-Acetabular surgeons (APAS) at Jaipur as faculty and chair on 24th – 26th March, 2017.

Workshops/ Conferences Organized:

1. APAS- AIIMS soft cadaveric workshop on acetabular fractures, 28 January 2017, Department of Orthopaedics, AIIMS, Jodhpur.
2. AIIMS Jodhpur- ZIMMER Biomet Bioskills cadaveric work shop, 3-5 March 2017, Department of Orthopaedics, AIIMS, Jodhpur.

Eminent Visitors:

1. Prof. Khong Kok Sun, Singapore
2. Prof. Ulrich Holz, Germany

Name of Faculty: Dr. Sumit Banerjee

Designation: Associate Professor

Papers Presented:

1. **Banerjee S.** When to fix PCL? Rajasthan Orthopaedic Surgeons Association Annual Conference, 5-7 January 2017, Jodhpur.

Sessions Chaired:

1. Panel Discussion on Hip Arthroplasty, 5th AIIMS Arthroplasty update, 18th – 20th November, 2016, AIIMS, New Delhi.

Invited Lectures

1. “Management of neglected Proximal femoral fractures”. ORTHOPG Course, Feb 2017, Agra.
2. “Clinical Examination of The Hip”. ORTHOPG Course, Feb 2017, Agra.
3. “Pain management following Acetabular fractures”. APAS- AIIMS soft cadaveric workshop on acetabular fractures, 28 January 2017, AIIMS Jodhpur.

Resource Faculty:

1. Advanced Trauma life support (ATLS) course, JPNA Trauma Centre, 8th – 10th September, 2016, AIIMS, New Delhi.
2. 5th AIIMS Arthroplasty update, 18th – 20th November, 2016, AIIMS, New Delhi
3. Agra Ortho PG Course-2017, 4th – 6th February, 2017, F H Medical College, Agra.
4. APAS- AIIMS soft cadaveric workshop on acetabular fractures, 28 January 2017, AIIMS, Jodhpur.
5. AIIMS Jodhpur- ZIMMER Biomet Bioskills cadaveric work shop, 3-5 March 2017, AIIMS, Jodhpur.

Research Projects:

Ongoing:

➤ **As Principal Investigator**

1. “Study of Functional Recovery in Spinal Cord Injury Patients- Effect of a Rehabilitation program.” AIIMS Jodhpur.

Membership/ Post in Journal or Society or Association:

1. Member- International Cartilage Research society
2. Member- British Orthopaedic Association

National/ International Conferences attended:

1. British Orthopaedic Trainee Association annual congress, June 2016 Leicester, UK
2. Advanced Trauma life support (ATLS) course as faculty at JPNA Trauma Centre, AIIMS, New Delhi on 8th – 10th September, 2016
3. 5th AIIMS Arthroplasty update 2016 on 18th – 20th November, 2016
4. Rajasthan Orthopaedic Surgeons Association Annual Conference, 5-7 January 2017, Jodhpur.
5. Agra Ortho PG Course-2017 as Faculty at F H Medical College Agra on 4th – 6th February, 2017.

6. 4th Delhi Arthroscopy course at New Delhi on 18th – 20th February, 2017.

Workshops/ Conferences Organized:

1. APAS- AIIMS soft cadaveric workshop on acetabular fractures, 28 January 2017, Department of Orthopaedics, AIIMS, Jodhpur.
2. AIIMS Jodhpur- ZIMMER Biomet Bioskills cadaveric work shop, 3-5 March 2017, Department of Orthopaedics , AIIMS, Jodhpur.

Name of Faculty: Dr. Divesh Jalan

Designation: Associate Professor

Papers Presented:

1. **Jalan D**, Sharma S, Elhence P, Elhence A. Mazabraud's Syndrome Revisited – Report of a case and review of literature” at IMSOS 2017 held in Varanasi from 9-11th March 2017.

Invited Lectures

1. Presented “Case discussion – Complex distal humerus fractures” in AIIMS-Zimmer Biomet trauma Bioskills workshop on 4th March 2017.
2. Presented “Case discussion – Complex distal tibia fractures” in AIIMS-Zimmer Biomet trauma Bioskills workshop on 3rd March 2017.
3. Presented a lecture on “Surgical approaches to Pelvis and Acetabulum” in AIIMS-APAS soft cadaveric workshop held at AIIMS Jodhpur on 28th Jan 2017.

Resource Faculty:

1. AIIMS-Zimmer Biomet Trauma Bioskills cadaveric workshop – Jodhpur, March 2017.
2. AIIMS-APAS soft cadaveric workshop – Jodhpur, Jan 2017.

Research Projects:

Ongoing:

➤ **As Principal Investigator**

1. Perception of school authorities in Jodhpur towards inclusion Education system for differently abled.
2. Impact of physical disability on English Alphabet formation skills in children from 7 years to 14 years of age it's comparison with normal children.

➤ **As Co-Investigator**

1. "An interventional study in Jodhpur to bring individuals with musculoskeletal pain to lower level of discomfort". The said project is funded by ICMR.
2. Effectiveness of institutional based goal oriented rehabilitation in children with developmental delay disorder.
3. Intramural project entitled "Determination of Vitamin D reference level in Healthy Population in Urban Rajasthan"
4. Intramural project entitled "Determination of Vitamin D reference level in Healthy Population in Rural Rajasthan"

Completed:

➤ **As Co-Investigator**

1. "Comparison of Joint Space Width (JSW) between conventional antero-posterior (AP) X ray of the knee and Lyon Schuss postero-anterior view and its correlation with Visual Analogue Score(VAS) and Knee Society Score(KSS) in patients with Osteoarthritis knee" (Intra-mural Project).

National/ International Conferences attended:

1. CME on complex primary Hip Arthroplasty – SNMC Jodhpur, July 2016
2. Traumacon at Mumbai on 11th – 14th August 2016.
3. Introduction to Cochrane Systematic Review – AIIMS Jodhpur, Aug 2016
4. Workshop on manuscript writing, publication and research methodology – AIIMS Jodhpur, Sep 2016
5. AO Trauma Course – Pelvic Anatomical specimens at Bangalore on 13th – 16th October 2016.
6. 61st Annual Conference of the Indian Orthopaedic Association (IOACON-2016) at Kochi on 12th -17th December, 2016.
7. 36th Annual Conference of North Zone Orthopaedic Association (NZOACON-2017) at Ludhiana on 9th – 11th February, 2017
8. The Annual conference of Indian Musculo Skeletal Oncology Society (IMSOS-2017) at Varanasi on 9th – 12th March, 2017

Workshops/ Conferences Organized:

1. AIIMS-Zimmer Biomet Trauma Bioskills cadaveric workshop – Jodhpur, March 2017.
2. AIIMS-APAS soft cadaveric workshop – Jodhpur, Jan 2017.

Name of Faculty: Dr. Nitesh Gahlot

Designation: Assistant Professor

Books/Chapters

1. Elbow tuberculosis

Sessions Chaired:

1. Session on “Double Bundle ACL Reconstruction” in the “Jaipur Shoulder and Knee Course” in Jaipur on 29th April 2017.

Invited Lectures

1. “Rehabilitation protocol in ACL Reconstruction” in the “Jaipur Shoulder and Knee Course” in Jaipur on 29th April 2017.

Symposium Speaker

1. “Managing non-union distal femur fractures” in the “Zimmer Biomet Institute Trauma Bioskills Workshop” at All India Institute of Medical Science (AIIMS), Jodhpur, India on 3-4 March 2017.

Resource Faculty:

1. APAS- AIIMS soft cadaveric workshop on acetabular fractures, 28 January 2017, AIIMS, Jodhpur.
2. AIIMS Jodhpur- ZIMMER Biomet Bioskills cadaveric work shop, 3-5 March 2017, AIIMS, Jodhpur.

Research Projects:

Ongoing:

➤ **As Principal Investigator**

1. Effectiveness of back school program in chronic low back pain in different occupational settings in a tertiary care set – up.

➤ **As Co-Investigator**

1. “Study of Functional Recovery in Spinal Cord Injury Patients- Effect of a Rehabilitation program.” AIIMS Jodhpur.

Membership/ Post in Journal or Society or Association:

1. AO SPINE member.
2. Editorial board member of EC Orthopaedics Journal.

National/ International Conferences attended:

1. “Bombay Operative Spine Course 2016” at Mumbai from 12th – 16th August, 2016.
2. “10th International Congress of ISKSAA” at New Delhi from 20th – 24th November, 2016.
3. “AO Spine Advanced Cadaver Course” at Bangalore from 21st – 24th October, 2016.
4. Rajasthan Orthopaedic Surgeons Association Annual Conference, 5-7 January 2017, Jodhpur.
5. “Jaipur Shoulder and Knee Course” in Jaipur on 29th April 2017

Workshops/ Conferences Organized:

1. “Zimmer Biomet Institute Trauma Bio skills Workshop” at All India Institute of Medical Science (AIIMS), Jodhpur, India on 3-4 March 2017
2. “APAS- AIIMS soft cadaveric workshop on acetabular fractures”, 28 January 2017, Department of Orthopaedics, AIIMS, Jodhpur.

Department of Pathology

S.No.	Name	Designation
1	Dr. Shilajit Bhattacharya	Professor & Head
2	Dr. Poonam Elhence	Additional Professor
3	Dr. Abhishek Purohit	Assistant Professor
4	Dr. Aasma Nalwa	Assistant Professor
5	Dr. Meenakshi Rao	Assistant Professor

About The Department:

The Department functions as a teaching department with the required facilities at the college and a full-fledged Pathology Lab at the hospital.

The following tests were carried out by the Department of Pathology from 01st April 2016 to 31st March 2017: 36211 CBC, 5585 ESR, 853 PBF, 16001 Urine Microscopy, 3485 Prothrombin Time, 1051 Activated Partial Thromboplastin time, 58 Frozen Section, 443 Review Cases, 11284 Histopathology, 414 Cell Blocks, 2566 Immunohistochemistry, 1834 Cervical Pap/LBC Smears, 2450 Fine Needle Aspiration Cytology, 6 Smears for Malarial Parasites, 55 Bone Marrow examinations and 495 Reticulocyte counts. There has been more than 100% increase in workload in the period as compared to the previous 12 months.

A fully functional Modular Practical Laboratory for teaching students with image capture and display facility to teach real time histopathology from glass slides is available.

A large number of new specimens have been added to the Pathology Museum in the college from surgical pathology specimens received at the lab. All specimens required for teaching MBBS students are available in the museum. A repository of surgical pathology specimens has been created for post graduate teaching.

Equipment procurement process has started for further enhancement of the Lab facilities and to add new facilities like tissue banking and tumour cytogenetics.

The Department had a strength of two faculty members initially till April 2016. This number increased to five after the recruitment of three dynamic Assistant Professors. An extension of services like specialized reporting of renal biopsies with provision of immunofluorescence (in process), carrying out bone marrow aspiration and biopsies by trained Hematopathologist and starting of coagulation services with detailed work-up (in process) has been successfully carried out.

Name of Faculty: Dr. Shilajit Bhattacharya

Designation: Professor & Head

Publications:

1. Elhence, P., Rao, M., Goyal, A., Kumar, A., Khera, P. S. and **Bhattacharya, S.** (2016), Osteoclast-Like Giant Cell Tumor of the Parotid Gland: Report of a Case Diagnosed on Fine-Needle Aspiration Cytology with Histological and Immunohistochemical Findings. *Diagn. Cytopathol.* 44: 548–551.

Sessions Chaired:

1. Symposium on Tuberculosis: Unite To End TB-Panel Discussion
2. 1st Rajasthan Chapter of Indian Academy of Tropical Parasitology-2016, 2nd -3rd September 2016 -Panel Discussion

Invited Lectures:

1. 12th International Conference of Asian Clinical Oncology Society (ACOS) – 8th to 10th April, 2016 New Delhi.
2. Spectrum of parasitic lesions in Histopathology, 1st Rajasthan Chapter of Indian Academy of Tropical Parasitology-2016, 2nd -3rd September, 2016.

Research Project:

Ongoing:

➤ **As Co-Investigator:**

1. Study of immunohistochemical expression of GATA3 in various subtypes of primary and metastatic breast carcinomas.
2. Evaluating the dynamics of breast cancer stem cells and miRNA 155 in patients undergoing systemic neo-adjuvant or palliative chemotherapy for breast cancer.
3. Immunohistochemical validation of TLE-1, Nuclear beta-catenin and MIB-1 in soft tissue sarcomas with RT-PCR based correlation of SYT-SSX in cases of Synovial sarcomas.

Examinership:

1. 6th December to 10th December, 2016 –External Examiner at AIIMS, Bhubaneswar.

National/ International Conferences attended:

1. 12th International Conference of Asian Clinical Oncology Society (ACOS) – 8th to 10th April, 2016 New Delhi- invited as a guest faculty.

2. 1st Rajasthan Chapter of Indian Academy of Tropical Parasitology-2016, 2nd -3rd September, 2016.
3. 64th NATCON 2016- 28th November to 1st December, 2016 at AIIMS, Jodhpur.
4. 22nd ICP-AIPHA International CME at Tata Medical Centre, Kolkata.- 27th Jan, 2017 to 30th Jan, 2017.

Name of Faculty: Dr. Poonam Elhence

Designation: Additional Professor

Publications:

Papers:

Pubmed:

1. **Elhence, P.**, Rao, M., Goyal, A., Kumar, A., Khera, P. S. and Bhattacharya, S. (2016), Osteoclast-Like Giant Cell Tumor of the Parotid Gland: Report of a Case Diagnosed on Fine-Needle Aspiration Cytology With Histological and Immunohistochemical Findings. *Diagn. Cytopathol.* 44: 548–551.
2. Chaudhary R, **Elhence P**, Porwal P. Kimura's disease revisited: Report of a case with clinical and cytohistological correlation. *BMJ Case Reports*, April 2016.
3. **Elhence P**, Khera S, Rodha MS, Mehta N. Giant Hamartoma of the Mammary Gland - Clinico-Pathological Correlation of an Under-Reported Entity, *The Breast Journal*, March 2017.

Non Pubmed

1. Singh RK, Goyal A, **Elhence P**, Kumar A. Bilateral Hurthle cell adenoma of thyroid: A rare case report. *International Journal of Otorhinolaryngology and Head and Neck Surgery*. March 2017. Accepted for publication.
2. Saran S, Khera PS, Rajagopal R, Mehta N and **Elhence P**. Unusual Initial Presentation of Hepatocellular Carcinoma: Skeletal Metastases. *Oncology, Gastroenterology and Hepatology Reports*, 2017, 6, 16-19.

Sessions Chaired:

1. Histopathology of various ILDs, 1st AIIMS Jodhpur ILD Workshop, January 2017.

Invited Lectures:

1. Delivered a talk on “Cervical biopsies, Pathologist’s perspective”. 11th National Conference of Indian Society of Colposcopy and Cervical Pathology, 2nd-3rd April, 2016, AIIMS, Jodhpur
2. Delivered a talk on “What a clinician should know about ILD Pathology”. 1st AIIMS Jodhpur ILD Workshop, 29th January, 2017

3. Delivered a talk on “FNAC and histopathological correlation of Thyroid nodules with emphasis on Bethesda Categories for reporting Thyroid Cytopathology”. Thyroid Update, AIIMS, Jodhpur, 4th March, 2017

Symposium Speaker:

1. Clinical Cases, Infectious Disease Symposium, European Congress of Cytology, Liverpool, United Kingdom, 2nd -5th October, 2016.

Resource Faculty:

1. 64th NATCON, 28th November-1st December, 2016, AIIMS, Jodhpur.
2. NMOCON, 2017, 11th-12th February 2017, Jodhpur.

Panel discussions:

1. Depth of Invasion and Margins in oral cavity malignancy, Indo Global Summit on Head & Neck Oncology, 25th February, IGSHNO 2017, Jaipur.
2. Clinico-pathological case discussion, Diagnostic dilemmas, 1st AIIMS Jodhpur ILD Workshop, 29th January, 2017.
3. Differentiated Thyroid Malignancies, 30th Annual National Conference of Indian Association of Surgical Oncology NATCON-IASO, 23rd September 2016,

Research Project:

Ongoing:

➤ **As Principal Investigator:**

1. Immunohistochemical validation of TLE-1, Nuclear beta-catenin and MIB-1 in soft tissue sarcomas with RT-PCR based correlation of SYT-SSX in cases of Synovial sarcomas.

➤ **As Co-Investigator:**

1. Evaluating the dynamics of breast cancer stem cells and miRNA 155 in patients undergoing systemic neo-adjuvant or palliative chemotherapy for breast cancer.
2. Study of efficacy of Methylene Blue and clinico-pathological factors associated with false negative sentinel lymph node biopsy in early breast cancer.
3. 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.
4. Characterization of thyroid lesions in fine-needle aspiration cytological (FNAC) specimens using a panel of immunohistochemical markers: a proposal for clinical application.

5. Comprehensive Analysis of MMP9, MMP13, TIMP1 and p16 Expression in Head and Neck cancer.

Scientific Awards/Patents:

1. 3rd Prize, Poster, National Colposcopy and Cervical Cytology Society, April 2016.
2. Book Prize, BD Morphology LBC Challenge, European Congress of Cytology, Liverpool, United Kingdom, 2016.

Examinership:

1. External Examiner, Nursing Examination at AIIMS, Rishikesh.

Membership/Post in Journal or Society or Association:

1. Member, Indian Society of Oncology.

National/International Conferences attended:

1. 11th National Conference of Indian Society of Colposcopy and Cervical Pathology, 2nd-3rd April, 2016, AIIMS, Jodhpur.
2. Internal Auditor and Quality Management Systems Certificate Course, AIIMS, Jodhpur, 2nd-to 5th August, 2016.
3. 30th Annual National Conference of Indian Association of Surgical Oncology NATCON-IASO, 23rd September 2016.
4. 64th NATCON, 28th November-1st December, 2016, AIIMS, Jodhpur.
5. 1st AIIMS Jodhpur ILD Workshop, 29th January, 2017.
6. Indo Global Summit on Head & Neck Oncology, 25th February, IGSHNO 2017, Jaipur.
7. NMOCON, 2017, 11th-12th February 2017, Jodhpur.
8. Thyroid Update, AIIMS, Jodhpur, 4th March, 2017.

Any other information:

1. Poster presentation on "FNAC with histopathological and IHC correlation of Head and Neck Lesions" – European Congress of Cytology, 2016, Liverpool United Kingdom.
2. Subject Expert, Pathology Question Bank, Post graduate Exit exam, DNB for two years, 2015-2016 and 2016-17.
3. Nodal Officer, SOTTO, Rajasthan.
4. Faculty Incharge, Central Library Services, AIIMS, Jodhpur.

Name of Faculty : Dr. Abhishek Purohit
Designation : Assistant Professor

Publications:

Pubmed:

1. **Purohit A**, Aggarwal M, Singh PK, Mahapatra M, Seth T, Tyagi S, Saxena R, Pati HP, Mishra P. Re-evaluation of need for bone marrow examination in patients with isolated thrombocytopenia. Indian J Hematol Blood Transfus. 2016 Jun;32(2):193-6. doi: 10.1007/s12288-015-0533-2.
2. Kotru M, Mutereja D, **Purohit A**, et al. Mild Bleeders: Diagnosis is Elusive in Large Number of Patients. Mediterranean Journal of Hematology and Infectious Diseases. 2016;8(1):e2016049. doi:10.4084/MJHID.2016.049.
3. Manivannan P, **Purohit A**, Somasundaram V, Ahuja A, Aggarwal M, Kumar R, Singh PK, Pati HP, Mishra P, Seth T, Mahapatra M. Leukemia transformation of severe aplastic anemia following matched allogeneic stem cell transplantation, transplanted again in CR1. Indian J Hematol Blood Transfus. 2016 Jun;32(Suppl 1):223-7. doi: 10.1007/s12288-014-0484-z.

Books/Chapters

1. **Abhishek Purohit**, Deepak Vedant. Disseminated Intravascular coagulation. In: Monograph on "Common Haematological Diseases in India", Publication of Indian college of physicians, 2016.

Papers Presented:

1. **Abhishek Purohit**, Upendra Sharma, Shashi Bansal, Promyelocytic blast crisis in a case of chronic myeloid leukemia on treatment: a rare case report. Best Of EHA, July 22nd-24th, 2016, Mumbai.

Invited Lectures

1. Panel Designing, CME cum workshop on Flowcytometry – Application and limitations, 64th National conference of anatomical society of India, 28th November, 2016, AIIMS-Jodhpur, Jodhpur
2. Applications of flowcytometry in clinical practice. CME cum workshop on Flowcytometry – Application and limitations, 64th National conference of anatomical society of India, 28th November, 2016, AIIMS-Jodhpur, Jodhpur

Symposium Speaker

1. Panel Discussion (Case-based) on Clinical utility of Advanced parameters, XYZ of CBC organized by API Jaipur Chapter Society, Sunday, 15th January 2017, Jaipur.

Resource Faculty:

1. Workshop on Diagnosis of Acute Leukemia by Flowcytometry, 57th national conference of Indian society of Haematology and Blood Transfusion. 9th November, 2016, Bhagwan Mahaveer Cancer Hospital and Research Centre, Jaipur.

Research Projects:

Ongoing:

As Principal Investigator

1. Exploring beta-thalassaemia mutation in Western Rajasthan with clinical expression, AIIMS-Jodhpur, Dr S N Medical College, Jodhpur

Membership/ Post in Journal or Society or Association:

1. Life Member; The Cytometry Society

National/ International Conferences attended:

1. Internal Auditor and Quality Management Systems Certificate Course, AIIMS, Jodhpur, August 2nd-5th 2016.
2. Best Of EHA, Mumbai Haematology Group, Mumbai, July 22nd-24th, 2016
3. Haematocon 2016, 57th Annual conference of Indian society of Haematology and blood transfusion, Jaipur, November 10th-13th, 2016
4. Hands on workshop on interphase FISH, Christian Medical College, Vellore February 8th-10th.

Workshops/ Conferences Organized:

1. Joint organizing Secretary, Haematocon 2016, 57th Annual conference of Indian society of Haematology and blood transfusion, Jaipur, November 10th-13th, 2016

Name of Faculty : Dr. Aasma Nalwa

Designation : Assistant Professor

Publications:

Pubmed:

1. Panda PK, Mavidi SK, Wig N, Garg A, **Nalwa A**, Sharma MC. Intracranial Aspergillosis in an Immunocompetent Young Woman. Mycopathologia. 2017 Jan 4:1-2.
2. Kakkar A, Rajeshwari M, **Nalwa A**, Suri V, Sarkar C, Chakrabarty B, Gulati S, Sharma MC. Childhood macrophagic myofasciitis: A series from the Indian subcontinent. Muscle & Nerve. 2017 Feb 1.
3. Chaudhari P, Kaur J, **Nalwa A**, Suri V, Panda A, Bhasker S, Chander S. Epithelial Myoepithelial Carcinoma of Parotid Gland. Indian Journal of Otolaryngology and Head & Neck Surgery. 2016:1-4.
4. Sharma VK, Singh A, Srivastava SK, Kumar V, Gardi NL, **Nalwa A**, Dinda AK, Chattopadhyay P, Yadav S. Increased expression of platelet-derived growth factor associated protein-1 is associated with PDGF-B mediated glioma progression. The International Journal of Biochemistry & Cell Biology. 2016 Sep 30; 78:194-205.
5. Rajeshwari M, Kakkar A, **Nalwa A**, Suri V, Sarkar C, Satyarthee GD, Garg A, Sharma MC. WNT-activated medulloblastoma with melanotic and myogenic differentiation: Report of a rare case. Neuropathology: official journal of the Japanese Society of Neuropathology. 2016 Feb

Papers Presented:

1. Aasma Nalwa. Utility of C4d in subtyping of Proliferative Glomerulonephritis. ISRTPCON2016, 8th -10th July 2016, Kalinga Institute of Medical Sciences, Bhubaneswar

Research Projects:

Ongoing:

➤ **As Principal Investigator**

1. Co-Chaperone BAG3 Expression in Uterine and Epithelial Ovarian Carcinomas, Intramural project

Scientific Awards/Patents:

1. Apparatus and method for detecting and characterizing cancer cells using digital holographic microscopy, patent filed application no 201611027124 in India Patent Office
2. Best Paper Presentation in ISRTPCON 2016, Bhubaneswar

National/ International Conferences attended:

1. ISRTPCon2016 jointly organized by Apollo Hospitals and Kalinga Institute of Medical Sciences, Bhubaneswar, Odisha 8th to 10th July 2016
2. Internal Auditor and Quality Management Systems Certificate Course, AIIMS, Jodhpur, 2nd-5th August 2015
3. 1st Annual Cancer Biobanking Workshop 2017, Tata Medical Center, Kolkata 12th and 13th January 2017
4. 3rd International Renal Pathology Conference, AIIMS, New Delhi, 9th -12th February 2017

Name of Faculty : Dr. Meenakshi Rao

Designation : Assistant Professor

Publications:

Pubmed:

1. Elhence P, **Rao M**, Goyal A, Kumar A, Khera PS, Bhattacharya S. Osteoclast like giant cell tumor of the parotid gland: report of a case diagnosed on fine-needle aspiration cytology with histological and immunohistochemical findings. Diagnostic cytopathol, 2016 Jun;44(6):548-51.

Non Pubmed:

1. Hedao K, Garg S, Thanvi S, Agay AK, Nagocha V, **Rao M**. Cervical spine intramedullary cysticercosis in a young adult- a case report and literature review. Int J Res Med Sci 2017 May;5(5):2260-63.

Research Projects:

Ongoing:

➤ **As Principal Investigator**

1. Study of immunohistochemical expression of GATA3 in various subtypes of primary and metastatic breast carcinomas.

➤ **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.

National/ International Conferences attended:

1. Internal Auditor and Quality Management Systems Certificate Course, AIIMS, Jodhpur, 2nd-to 5th August, 2016
2. 64th NATCON and preconference workshop, AIIMS, Jodhpur, 28th November to 1st December, 2016
3. CME on dermatopathology at AIIMS, New Delhi, 18th and 19th February, 2017

Department of Pediatric Surgery

S.No.	Name	Designation
1	Dr. Arvind Sinha	Professor & Head
2	Dr. Vivek Manchanda	Associate Professor
3	Dr. Manish Pathak	Associate Professor
4	Dr. Rahul Saxena	Assistant Professor
5	Dr. Avinash S Jadhav	Assistant Professor

About the Department:

The Department started with Dr. Arvind Sinha as only Additional Professor in the year 2012. The department activities started and grew with the institute. He was IPD incharge and heading departments of Surgery, Otolaryngorhinology, Ophthalmology, Dentistry and Urology in addition to Pediatric Surgery. This year he became Professor and the department was joined by 4 additional faculties – 2 Associate Professors and 2 Additional Professors. The academic activities continued and the achievements are detailed as under. There were eight publications from the faculty in the department. One book chapter was co-authored. Nine papers were presented in National Level conferences. Dr. Arvind Sinha and Dr. Vivek Manchanda were invited as guest speakers at Pediatric Surgery Update at New Delhi. Dr. Vivek Manchanda was invited as guest faculty to teach management related topics at School for Public Health, Maulana Azad University, Jodhpur. There is an ongoing research project involving three faculties.

The faculty have been active throughout the year to attend and represent the institute at various conferences. They also conducted two training workshops for medical students for teaching them knot tying and basic laparoscopic skills.

Dr. Arvind Sinha was conferred MAMS; Dr. Vivek Manchanda was elected as MNAMS; Dr. Vivek Manchanda, Dr. Manish Pathak, Dr. Rahul Saxena and Dr. Avinash Jadhav were conferred FIAGES fellowship.

Dr. Arvind Sinha, who was IPD incharge was elected as Medical Superintendent and Dr. Vivek Manchanda was given additional responsibility of Deputy Medical Superintendent.

Name of Faculty: Dr. Arvind Sinha

Designation: Professor and Head

Papers Presented:

1. Saxena R, **Sinha A**, Bansal A. Incidence and Evaluation of Lower Urinary Tract Dysfunction in Anorectal Malformation. IAPSCON 2016, 42nd National Conference Indian Association of Pediatric Surgeon, 28th Sep-2nd Oct 2016, ITC Mughal, Agra.
2. Saxena R, **Sinha A**, Sobti H. A study of preoperative intra-incisional antibiotic infiltration for prevention of surgical site infection. IAPSCON 2016, 42nd National Conference Indian Association of Pediatric Surgeon, 28th Sep-2nd Oct 2016, ITC Mughal, Agra
3. Jadhav A, **Sinha A**, Bansal A. Early evaluation of fecal patient of ARM. IAPSCON 2016, 42nd National Conference Indian Association of Pediatric Surgeon, 28th Sep-2nd Oct 2016, ITC Mughal, Agra.
4. Jadhav A, **Sinha A**, Kala R. Endoscopic third ventriculostomy vs VP shunt in management of hydrocephalus in pediatric age group. IAPSCON 2016, 42nd National Conference Indian Association of Pediatric Surgeon, 28th Sep-2nd Oct 2016, ITC Mughal, Agra
5. Manchanda V, Jadhav A, **Sinha A**, Pathak P, Saxena R. Laparoscopic choledochal cyst excision with hepaticojejunostomy. At "PESICON 2017" at Vishakhapatnam on February 17-19, 2017.

Sessions Chaired:

1. IAPSCON 2016, 42nd National Conference Indian Association of Pediatric Surgeon, 28th Sep-2nd Oct 2016, ITC Mughal, Agra

Invited Lectures:

1. "Bladder Augmentation" at "10th Pediatric Surgery Update 2017" held at New Delhi on February 23-26, 2017.

Research Projects:

Ongoing

➤ **As Co-Investigator**

1. To assess the acceptance and efficacy of single staged vs two staged urethroplasty for proximal hypospadias repair.

National/ International Conferences attended:

1. "Live Operative Pediatric Urology Workshop" held at Agra on September 28, 2016.
2. "42nd National Conference of Indian Association of Pediatric Surgeons" held at Agra on September 29 – October 2, 2016.

3. "56th National conference of National Academy of Medical Science (NAMSCON 2016)" at AIIMS Raipur from October 21 – October 23, 2016.
4. "AMASICON 2016" held at Kolkata from November 17 – November 19, 2016.
5. "International Conference on Health Care Simulation in India (HPSN)" held at Mangalore, Karnataka from December 2 – December 4, 2016.
6. "PESICON 2017" at Vishakhapatnam on February 17-19, 2017.
7. "10th Pediatric Surgery Update 2017" held at New Delhi on February 23-26, 2017.
8. "Flagship Course on Health Care Strengthening and Financing" at Lal Bahadur Shastri National Academy of Administration from February 27 – March 3, 2017 at Dehradun.
9. "Presentation on localized/pinpointed electro chemotherapy treatment for cancer" at New Delhi (Chamber of the Hon'ble MOS {FSK}) at 24th March 2017.
10. "Simulation Conference" at AIIMS, Bhubaneshwar from April 28 – April 30, 2017.

Workshops/ Conferences Organized:

1. "The suture and knot tying practicum" held at Department of Pediatric Surgery, AIIMS Jodhpur on August 27, 2016.
2. "The suture and knot- tying practicum and laparoscopic hands on workshop" held at Department of Pediatric Surgery, AIIMS Jodhpur on October 8 – 9, 2016.

Any Other Information:

1. Given additional charge as Medical Superintendent, All India Institute of Medical Sciences, Jodhpur
2. Additional charge as Head of Department, Department of Pediatric Surgery, AIIMS, Jodhpur.
3. Additional charge as Provost, PG Hostel.
4. Editor of "Rohida" magazine.
5. Reviewer of
 - a. Indian Journal of Surgery
 - b. Journal of Indian Association of Pediatric Surgery

Name of Faculty: Dr. Vivek Manchanda

Designation: Associate Professor

Publications:

Pubmed:

1. **Manchanda V**, Sengar M, Mohta A. Experience with thoracoscopic retrieval of unusual iatrogenic foreign bodies. Indian Pediatr 2016;53:341-342. PMID: 27156550

Books/ Chapter:

1. Dublish S, **Manchanda V**, Abbey P. Congenital Diaphragmatic Hernia. In: Jat KR, Sankar J, Lodha R, Kabra SK, editors. Case based reviews in Pediatric Pulmonology. New Delhi: Jaypee Brothers Medical Publishers (P) Ltd; 2017. p. 68-76.

Papers Presented:

1. **Manchanda V**, Mohta A, Neogi S, Srinivas P. Duplication urethra: Single stage repair through ASTRA approach. At “42nd National Conference of Indian Association of Pediatric Surgeons” held at Agra on September 29 – October 2, 2016.
2. **Manchanda V**, Neogi S, Mohta A, Gupta CR, Sengar M, Srinivas P. Malignant melanoma in an infant. At “42nd National Conference of Indian Association of Pediatric Surgeons” held at Agra on September 29 – October 2, 2016.
3. **Manchanda V**, Mohta A, Gupta CR, Sengar M, Neogi S, Srinivas P. Neonatal nasopharyngeal teratoma with cleft palate: Case report. At “42nd National Conference of Indian Association of Pediatric Surgeons” held at Agra on September 29 – October 2, 2016.
4. **Manchanda V**, Mohta A, Gupta CR, Sengar M, Neogi S, Maheshwari P. To audit the results of patients with stage 3 Wilms' tumour. At “42nd National Conference of Indian Association of Pediatric Surgeons” held at Agra on September 29 – October 2, 2016.
5. **Manchanda V**, Jadhav A, Sinha A, Pathak P, Saxena R. Laparoscopic choledochal cyst excision with hepaticojejunostomy. At “PESICON 2017” at Vishakhapatnam on February 17-19, 2017.

Invited Lectures:

1. “Esophageal Atresia” at “10th Pediatric Surgery Update 2017” held at New Delhi on February 23-26, 2017.
2. Guest Faculty at School for Public Health, Maulana Azad University, Jodhpur. Took lectures on (a) Material Management & (b) Hospital Planning including various areas.

Research Projects:

Ongoing

➤ **As Principal Investigator**

1. To assess the acceptance and efficacy of single staged vs two staged urethroplasty for proximal hypospadias repair.

Membership/ Post in Journal or Society or Association

1. Member of “National Academy of Medical Sciences (MNAMS)”.
2. Fellow of “Indian Association of Gastro-intestinal Endo-Surgeons (FIAGES)”.
3. Member of “Association of Minimal Access Surgeons of India”.
4. Member of “Surgical Oncology Section of Indian Association of Pediatric Surgeons”.

National/ International Conferences attended:

1. "Introduction to Cochrane Systematic Reviews and Meta-analysis" held at Jodhpur on August 20, 2016.
2. "Fellowship Course of Indian Association of Gastro-intestinal Endo-Surgeons" held at Gurgaon on September 16-18, 2016.
3. "Manuscript Writing and Publication Ethics and Research methodology" held at Jodhpur on September 20-21, 2016.
4. "Live Operative Pediatric Urology Workshop" held at Agra on September 28, 2016.
5. "42nd National Conference of Indian Association of Pediatric Surgeons" held at Agra on September 29 – October 2, 2016.
6. "Annual Conference of Delhi State Chapter of Indian Association of Pediatric Surgeons" held at New Delhi on November 6, 2016.
7. "Masterclass in Pediatric Surgical Oncology – 2017" held at Puducherry on February 2 – 4, 2017.
8. "PESICON 2017" at Vishakhapatnam on February 17-19, 2017.
9. "10th Pediatric Surgery Update 2017" held at New Delhi on February 23-26, 2017.

Workshops/ Conferences Organized:

1. "The suture and knot tying practicum" held at Department of Pediatric Surgery, AIIMS Jodhpur on August 27, 2016.
2. "The suture and knot- tying practicum and laparoscopic hands on workshop" held at Department of Pediatric Surgery, AIIMS Jodhpur on October 8 – 9, 2016.

Any Other Information:

1. Given additional charge as Deputy Medical Superintendent, All India Institute of Medical Sciences, Jodhpur
2. Guest faculty at School of Public Health, Maulana Azad University, Jodhpur.

Name of Faculty: Dr. Manish Pathak

Designation: Associate Professor

Publications:

Pubmed:

1. Singh V, **Pathak M.** Congenital neonatal intestinal obstruction: Retrospective analysis at tertiary care hospital. J Neonat Surg 2016; 5:49.
2. Harne S., **Pathak M.**, Rattan K.N. New variant of esophageal atresia. J Neonat Surg 2017; 6:9
3. **Pathak M.**, Srinivas M., Shariff A. Prevention of histological changes after colonic diversion in rats: An experimental study. J Neonat Surg 2017(Accepted for publication)

Non-Pubmed:

1. **Pathak M.**, Kotabagi A., Narula D, Barkesia B, Singh V. Sacrococcygeal Teratoma: A Retrospective Study Of 23 Surgically Treated Cases At A Tertiary Care Centre. IOSR-JDMS 2016; 15: 11–16
2. **Pathak M.**, Patel H., Biangchwadaka S. Transverse Testicular Ectopia With Fused Vas Deferens: An Extremely Rare Entity. IOSR-JDMS 2016; 15: 20–22
3. **Pathak M.**, Suchiang B, Narula D. Rare case of gastric perforation with malrotation and volvulus: A case report. Int J Med Res Rev 2016; 4:1989-1992

Research Projects:

Ongoing:

➤ **As Co-Investigator**

1. To assess the acceptance and efficacy of single staged vs two staged urethroplasty for proximal hypospadias repair.

Membership/ Post in Journal or Society or Association:

1. Member; Pediatric Endoscopic Surgeons- India
2. Member; Indian Association of Gastrointestinal Endo-Surgeons

National/ International Conferences attended:

1. FIAGES 2016. Fellowship course of Indian Association of Gastrointestinal Endo-Surgeons, Jaipur, 14th -16th October 2016
2. Combined Course on Percutaneous Nephrolithotripsy and Advanced Minimal Access Pediatric Urology, Mumbai, 25th-30th November 2016
3. Masterclass in Pediatric Surgical Oncology -2017, Puducherry, 2nd-4th February 2017
4. PESICON 2017. Indian Association of Pediatric Surgeons, Vishakhapatnam, Andhra Pradesh, 17th -19th February 2017
5. Introduction to Cochrane Systematic Reviews and Meta-analysis. All India Institute of Medical Sciences Jodhpur and South Asian Cochrane Network. AIIMS, Jodhpur, 20th August 2016

Workshops/ Conferences Organized:

1. The suture and knot tying practicum, Department of Pediatric Surgery, AIIMS Jodhpur, 27th August 2016
2. The suture and knot- tying practicum and laparoscopic hands on workshop, Department of Pediatric Surgery, AIIMS Jodhpur, 8th-9th October 2016

Name of Faculty: Dr. Rahul Saxena

Designation: Assistant Professor

Publications:

Pubmed:

1. Subhasis Roy Choudhury, Niyaz Ahmed Khan, **Rahul Saxena**, Pratap Singh Yadav, Jigar N. Patel, Rajiv Chadha. Protocol based management of 154 cases of pediatric liver abscess. *Pediatr Surg Int* 2017;33:165-172

Papers Presented:

1. **Rahul Saxena**, Arvind Sinha, Ankur Bansal. Incidence and Evaluation of Lower Urinary Tract Dysfunction in Anorectal Malformation. IAPSCON 2016, 42nd National Conference Indian Association of Pediatric Surgeon, 28th Sep-2nd Oct 2016, ITC Mughal, Agra.
2. **Rahul Saxena**, Arvind Sinha, Sobti H. A study of preoperative intra-incisional antibiotic infiltration for prevention of surgical site infection. IAPSCON 2016, 42nd National Conference Indian Association of Pediatric Surgeon, 28th Sep-2nd Oct 2016, ITC Mughal, Agra

Membership/ Post in Journal or Society or Association:

1. Member; Indian Association of Gastrointestinal Endo-Surgeons
2. Member; Indian Association of Pediatric Surgeons
3. Fellowship; Indian Association of Gastrointestinal Endo-Surgeons, FIAGES.

National/ International Conferences attended:

1. IAPSCON 2016, 42nd National Conference Indian Association of Pediatric Surgeon, ITC Mughal, Agra, 28th Sep-2nd Oct 2016
2. FIAGES Jaipur 2016, Fellowship Course of Indian Association of Gastrointestinal Endo-Surgeons, ITC Rajputana, Jaipur 14th-16th October 2016
3. Course on percutaneous Nephrolithotomy. Centre of Excellence for Minimal Access Surgery Training Mumbai, 25th-26th November 2016
4. Manuscript Writing and Publication Ethics and Research methodology, All India Institute of Medical Sciences Jodhpur Research Cell, 20th-21st September 2016
5. Introduction to Cochrane Systematic Reviews and Meta-analysis. All India Institute of Medical Sciences Jodhpur and South Asian Cochrane Network. AIIMS, Jodhpur, 20th August 2016

Workshops/ Conferences Organized:

1. The suture and knot tying practicum, Department of Pediatric Surgery, AIIMS Jodhpur, 27th August 2016
2. The suture and knot- tying practicum and laparoscopic hands on workshop, Department of Pediatric Surgery, AIIMS Jodhpur, 8th-9th October 2016

Name of Faculty: Dr. Avinash Jadhav

Designation: Assistant Professor

Papers Presented:

1. **Avinash Jadhav**, Arvind Sinha, Ankur Bansal. Early evaluation of fecal in patient of ARM. IAPSCON 2016, 42nd National Conference Indian Association of Pediatric Surgeon, 28th Sep-2nd Oct 2016, ITC Mughal, Agra.
2. **Avinash Jadhav**, Arvind Sinha, Ranjan Kala. Endoscopic third ventriculostomy vs VP shunt in management of hydrocephalus in pediatric age group. IAPSCON 2016, 42nd National Conference Indian Association of Pediatric Surgeon, 28th Sep-2nd Oct 2016, ITC Mughal, Agra

Membership/ Post in Journal or Society or Association:

1. Member; Indian Association of Gastrointestinal Endo-Surgeons Life membership.

National/ International Conferences attended:

1. IAPSCON 2016, 42nd National Conference Indian Association of Pediatric Surgeon, ITC Mughal, Agra, 28th Sep-2nd Oct 2016
2. FIAGES Jaipur 2016, Fellowship Course of Indian Association of Gastrointestinal Endo-Surgeons, ITC Rajputana, Jaipur 14th-16th October 2016.
3. Course on Advanced Pediatric Urology. Centre of Excellence for Minimal Access Surgery Training Mumbai, 25th-30th November 2016.
4. Introduction to Cochrane Systematic Reviews and Meta-analysis. All India Institute of Medical Sciences Jodhpur and South Asian Cochrane Network. AIIMS, Jodhpur, 20th August 2016.
5. 2nd Deccan course in Paediatric Urology, Hotel Fidalgo, Panjim, Goa 20-22nd January 2017.

Workshops/ Conferences Organized:

1. The suture and knot tying practicum, Department of Pediatric Surgery, AIIMS Jodhpur, 27th August 2016
2. The suture and knot- tying practicum and laparoscopic hands on workshop, Department of Pediatric Surgery, AIIMS Jodhpur, 8th-9th October 2016.

Department of Pediatrics

S.No.	Name	Designation
1	Dr. Kuldeep Singh	Professor & Head
2	Dr. Daisy Khera	Associate Professor
3	Dr. Prawin Kumar	Assistant Professor

About The Department:

Department of Pediatrics is providing comprehensive services which includes, curative, promotive, preventive and rehabilitative care for children under 18 years of age. Around 80-100 patients are seen daily in OPD. Admitted patients included children with complex disorders like Diabetes Mellitus, chronic kidney diseases, nephrotic syndrome, pneumonia, meningitis, metabolic disorders, rare infectious diseases and genetic disorders. Department is also having subspecialty clinics for patient with various respiratory disorders like asthma, chronic lung diseases, high risk newborn follow up and genetic conditions. Department in collaboration with Pediatric surgery is providing diagnosis and support services to surgical patients both pre-operatively and post operatively. Department takes a lead in augmenting medical education and research at the Institute too. All faculty members are engaged in research and we have 2 extramural project ongoing in the department. Our department has worked up some difficult cases due to in depth and thorough evaluation of these children. On community level department is actively contributing in public health lectures

Name of Faculty: Dr. Kuldeep Singh

Designation: Professor and Head

Publications:

Pubmed:

- Gupta N, Jain P, **Singh K**, Bhattacharya S. Super-refractory Status Epilepticus with Hemophagocytic Syndrome in a Child with HIV Infection. J Trop Pediatr. 2017 Jan 14. [Epub ahead of print].
- Khera D, Sharma B, **Singh K**. Copper deficiency as a cause of neutropenia in a case of coeliac disease. BMJ Case Rep 2016. doi:1136/bcr-2016-214874
- Bhatnagar A, Khera D, **Singh K**, Sharma A. Acquired Brucella bacteremia in a young infant. BMJ Case Rep 2017.doi:10.1136/bcr-2016-217522
- Purohit P, Khera D, Sharma P, **Singh K**. A Case of Massive Hypertriglyceridemia in 6 Year Old Boy. Ind J Clin Bioch Nov 2016. doi:10.1007/s12291-016-0626-1

5. Sethi P, Bhatia PK, Gupta N, **Singh K**. Multiple Pterygium Syndrome: Challenge for Anaesthesiologist. Saudi J Anaesth. 2016 Jul-Sep;10(3):350-2. doi: 10.4103/1658-354X.174901.

Non-Pubmed:

1. Khera D, Katiyar A, **Singh K**. Jacobsen Syndrome: Are we informative enough. Pediatric Education and Research.2016;4(3): 171-3.

Papers Presented:

1. **Singh K**, Singh P. Using Flipped Class to Enhance Medical Student's Active Learning. 22nd Medicine Meets Virtual Reality (MMVR) Conference, 7-9 April 2016, Los Angeles, USA
2. Sharma P. Physiology of Heart. 50th Conference of Association of Physiologists of India;10th-11th Dec 2014, AIIMS, Jodhpur

Sessions Chaired:

1. Molecular Dymorphology Session 2. Third International Conference on Birth Defects and Third National Conference of SIAMG, 8-9 December 2016, AIIMS, New Delhi
2. Poster Walk and Judge for Poster session. Third International Conference on Birth Defects and Third National Conference of SIAMG, 8-9 December 2016, AIIMS, New Delhi

Invited Lectures

1. Physiology of Heart, 50th Conference of Association of Physiologists of India,10th-11th Dec 2014, AIIMS, Jodhpur

Symposium Speaker

1. Physiology of Heart, 50th Conference of Association of Physiologists of India, 10th-11th Dec 2014, AIIMS, Jodhpur

Resource Faculty:

1. Monitoring of Cardiac output. 50th Conference of Association of Physiologists of India, 10th-11th Dec 2014, AIIMS, Jodhpur

Research Projects:

Ongoing:

- **As Principal Investigator**

1. Congenital Rubella Syndrome Surveillance of India. ICMR through UNDP, Collaborating Centers NIE Chennai, CMC Vellore and NIV Pune.
2. Hospital based Sentinel Surveillance for streptococcus Pneumonia and other Invasive bacterial diseases in India”, Multicentric Extramural project funded by UNDP through ICMR, coordinated by NIE Chennai.

Completed:

➤ As Principal Investigator

1. Flip Class to enhance Medical students' Active learning. Intramural project, AIIMS Jodhpur.

Scientific Awards/Patents:

1. Declared Winner for the Poster “**Using Flipped Class to Enhance Medical Student's Active Learning**” at 22nd Medicine Meets Virtual Reality (MMVR) Conference, 7-9 April 2016, Los Angeles, USA

Examinerships:

1. MBBS Examinership July 2016 at Government Medical College Surat
2. PhD Examiner for UP Technical University, Lucknow October 2016
3. MBBS Examiner for AIIMS Rishikesh December 2016
4. MBBS Examiner for AIIMS Raipur, Decmeber 2016

National/ International Conferences attended:

1. 22nd Medicine Meets Virtual Reality (MMVR) Conference, Los Angeles, USA, 7-9 April 2016
2. MEDIC 2016 Medical Device Innovation Conclave 19-23 September 2016, VNIT Nagpur
3. 64th Annual Conference of Anatomical Society of India NATCON 2016, 28 November to 1st December 2016, AIIMS Jodhpur
4. Third International Conference on Birth Defects and Third National Conference of SIAMG, 8-9 December 2016, AIIMS New Delhi
5. Capacity Building Workshop on Quality Improvement, AIIMS, Delhi, 2-3rd Aug, 2016
6. Coaching Course in Quality Improvement, AIIMS Delhi & USAID, 23-25th Jan, 2017,
7. ISHG 2017 Jointly organized by IISc, JNCASR & CHG, 42nd Annual Meeting of the Indian Society of Human Genetics & International Symposium on Trends in Human Genetic Research & Management, March 2-4, 2017 National Science Seminar complex Indian Institute of Science Bangalore, India

Name of Faculty: Daisy Khara
Designation: Associate Professor

Publications:

Pubmed:

1. **Khara D**, Sharma B, Singh K. Copper deficiency as a cause of neutropenia in a case of coeliac disease. BMJ Case Rep 2016. doi:1136/bcr-2016-214874
2. Purohit P, **Khara D**, Sharma P, Singh K. Case of Massive Hypertriglyceridemia in 6 Year Old Boy. Ind J Clin Biochem. DOI 10.1007/s12291-016-0626-1
3. Bhardwaj NK, **Khara D**. Mongolian spots in GM1 Gangliosidosis. Indian Pediatrics, 2016; 53: 1133.
4. Bhatnagar A, **Khara D**, Singh K, Sharma A. Acquired Brucella bacteremia in a young infant. BMJ Case Rep 2017.doi:10.1136/bcr-2016-217522

Non-Pubmed:

1. **Khara D**, Katiyar A, Singh K. Jacobsen Syndrome: Are we informative enough. Pediatric Education and Research.2016;4(3): 171-3.

Books/Chapters

1. **Khara D**, Mittal M. Atypical Pneumonia. In: Case Based Reviews in Pediatric Pulmonology, Jat KR, Sankar J, Lodha R, Kabra SK.1st edition, New Dehi, Jaypee Brothers Medical Publishers (P) Ltd,2017; 132-8

Papers Presented:

1. Prawin Kumar, Neeraj Gupta, **Daisy Khara**, Kuldeep Singh. Pseudobartter syndrome presenting as cystic fibrosis. Respicon, 19-20th November, 2016, New Delhi

Invited Lectures

1. Talk on “Hearing loss in children: A pediatrician’s perspective” at the workshop on
2. “Hands on training on early detection of Paediatric Hearing Loss” at the conference of IPHACON organized by the Department of CMFM AIIMS Jodhpur and IPHA Rajasthan Branch at AIIMS Jodhpur on 23rd February, 2017.

Resource Faculty:

1. Workshop on “ Hands on training on early detection of Paediatric Hearing Loss” at the conference of IPHACON organized by department of CMFM AIIMS Jodhpur and IPHA Rajasthan Branch at AIIMS Jodhpur on 23rd February, 2017.

Research Projects:

Ongoing:

➤ **As Principal Investigator**

1. Prevalence of zinc deficiency and the effect of zinc supplementation on prevention of Acute Respiratory infections in preschool children: An observational study. Intramural project funded by AIIMS Jodhpur

➤ **As Co-Investigator**

1. Effectiveness of institutional based goal oriented rehabilitation in children with developmental delay disorders. Intramural project
2. Congenital Rubella Syndrome Surveillance in India, multicentric extramural project funded by ICMR, Delhi.
3. "Hospital based Sentinel Surveillance for streptococcus Pneumonia and other Invasive bacterial diseases in India", multicentric extramural project funded by UNDP.
4. "The Prevalence Study of Specific Micronutrient deficiencies In School Going Children Aged Between 6-16 Years In Ten Cities of India", multicentric extramural project.

Completed:

➤ **As Co-Investigator**

1. A prospective study to screen encephalopathic neonates for hyperammonemia with or without metabolic acidosis : intramural project

Scientific Awards/Patents:

1. Was awarded Winner of the pulmonology quiz competition held during 28th Annual National Conference of IAP Respiratory Chapter "Respicon 2016" at Delhi on 20th Nov 2016.

Examinerships:

1. Internal Examiner for third professional MBBS Examination of Pediatrics at AIIMS Jodhpur held in December 2016.
2. Internal Examiner for third professional MBBS Supplementary Examination of Pediatrics at AIIMS Jodhpur held in February 2017.
3. External Examiner for the practical examination of third professional MBBS (Pediatrics) at Dr SN Medical College, Jodhpur from 21st-23rd February, 2017 at Umaid Hospital, Jodhpur

Membership/ Post in Journal or Society or Association:

1. Became member of IAP Respiratory Chapter
2. Was member of National Committee for ABC and ATM Revision 2016

National/ International Conferences attended:

1. Attended “AIIMS Pediatric Pulmonology and Intensive Care Course -Module V: Chronic Respiratory disorders” at AIIMS Delhi on 23rd-24th April 2016.
2. “National Training of Trainers on Asthma Treatment module revision 2016” organized by IAP Respiratory Chapter on 11th to 12th June 2016 at New Delhi
3. Attended workshop on Pediatric Chest radiology organized by Department of Radiology, AIIMS Delhi on 30th to 31st July 2016.
4. “Introduction to Cochrane Systematic Reviews and Meta- analysis” organized by AIIMS Jodhpur and South Asian Cochrane Network on 20th August 2016.
5. “Manuscript writing and Publication ethics and research methodology” organized by AIIMS Jodhpur Research cell on 20th and 21st September 2016.
6. Attended 18th Annual National Conference of Pediatric Critical Care organized by IAP Intensive Care chapter at Mumbai on 12th to 13th November, 2016.
7. Attended workshop on “Learning from Case Library of Respiratory Cases” organized by IAP Respiratory Chapter, held at Lady Hardinge Medical college on 18th Nov 2016.
8. Attended 28th Annual National Conference of IAP Respiratory Chapter “Respicon” organized by IAP West Delhi City branch and Delhi Pediatrics Respiratory Society on 19-20th Nov 2016 at New Delhi.
9. Attended Annual RNTCP Zonal Task Force workshop for west zone organized by State Task Force, Gujarat and State TB Cell, Gujarat at Ahmedabad on 22nd and 23rd December 2016.

Workshops/ Conferences Organized:

1. Member of organizing committee of 1st AIIMS Jodhpur workshop on Interstitial Lung Disease organized by the department of Pulmonary Medicine, AIIMS Jodhpur, at AIIMS Jodhpur on 28th-29th January, 2017

Name of Faculty: Dr. Prawin Kumar

Designation: Assistant Professor

Publications:

PubMed:

1. **Kumar P.** Calcinosis cutis (Image). Indian pediatrics 2017; 54 (3); pp 253.

Book Chapters

1. **Prawin Kumar**, Congenital Thoracic Malformation (Chapter 11). In Case Based Review in Pediatric Pulmonology. Editor: KR Jat, J Sankar, R Lodha, SK Kabra. First edit.2017

Papers Presented:

1. **Oral Paper:** -Prawin Kumar, Aparna Mukherjee, M Kalaivani, Shivani Randev, Kana Ram Jat, Rakesh Lodha, SK Kabra. "Normative Data of Infant Pulmonary Function Test in a Birth Cohort from India". 2nd Asian Pediatric Pulmonology Society (APPS) Annual Scientific Congress. 22nd October 2016, Grand Copthorne Waterfront Hotel, Singapore.
2. **Poster presentation-** Prawin Kumar, Neeraj Gupta, Daisy Khara, Kuldeep Singh. "Pseudo-Bartter Syndrome as the First Presentation of Cystic Fibrosis in Infants from Western Rajasthan". 28th Annual National Conference of Respiratory chapter (RESPICON 2016). 19th November 2016. India Habitat Center, New Delhi.

Resource Faculty:

1. Workshop on advance therapeutics in Pediatric Pulmonology. 28th Annual National Conference of Respiratory chapter (RESPICON 2016). 23rd November 2016. Ail India Institute of Medical Sciences, New Delhi.
2. Seminar on Cystic Fibrosis. Annual Parent Education Programme and Sharing experiences about management of CF by pediatricians across India. 23rd April 2017. AIIMS, New Delhi.

Research Projects:

Ongoing:

➤ **As Co-Investigator**

1. Hospital Based Sentinel Surveillance for S. pneumoniae and other Invasive Bacterial Diseases. UNDP. National Institute of Epidemiology, Chennai.

Membership/ Post in Journal or Society or Association:

1. Life Member of Indian Academy of Pediatrics (L /2016/K-2270)

National/ International Conferences attended:

1. 2nd Asian Pediatric Pulmonology Society (APPS) Annual Scientific Congress. Singapore Pediatric society, 22nd -23rd October 2016, Grand Copthorne Waterfront Hotel, Singapore.
2. 28th Annual National Conference of Respiratory chapter (RESPICON 2016). IAP West Delhi City Branch and Pediatric Respiratory Society, 19th-20th Nov 2016. Indian Habitat Center, New Delhi.
3. Inaugural Meeting of the Pediatric Research and Education Society of India (PRESIDE). 14th -15th January 2017. Department of Pediatrics, AIIMS New Delhi.

4. AIIMS Pediatric Pulmonology and Intensive Care Course Module VI: Acute Care Pulmonology. 15th-16th April 2017. Division of Pediatric Pulmonology and Intensive care, AIIMS, New Delhi.
5. Seminar on Cystic Fibrosis. 23rd April 2017. Cystic Fibrosis Trust of India and Department of Pediatrics, AIIMS New Delhi

Workshops/ Conferences Organized:

1. National Academy of Medical Sciences- NFI (NAMS-NFI) symposium on Nutrition Surveys on 30 November 2016 at VC room, AIIMS Jodhpur
2. 1st Medical Technology Innovation workshop, 12 February 2017, AIIMS Jodhpur in collaboration with IIT Jodhpur, Defence Lab Jodhpur and NLU Jodhpur

Department of Pharmacology

S.No.	Name	Designation
1	Dr. Sneha Ambwani	Professor & Head
2	Dr. Pramod Sharma	Associate Professor
3	Dr. Surjit Singh	Associate Professor
4	Dr. Pradeep Dwivedi	Assistant Professor
5	Dr. Jay Karan Charan	Assistant Professor

About The Department:

The Department of Pharmacology at All India Institute of Medical Sciences, Jodhpur has framed the teaching module and methodology for undergraduates and the first M.B.B.S. batch entered the second professional year in August 2013. Since then, along with didactic lectures and tutorials, teaching of Pharmacology theory syllabus was supplemented with integrated teaching sessions. Pharmacology teaching is extending beyond 5th semester and integrated lectures are being conducted for final professional students in collaboration with clinical departments.

The Department of Pharmacology, AIIMS, Jodhpur envisage to:

- To educate (by imparting knowledge & skills) the undergraduate and postgraduate medical, paramedical and science students to apply basic principles of pharmacology and therapeutics to practice rational use of drugs
- To facilitate basic and applied research that significantly advances current pharmacological knowledge.
- To provide academic services and patient care facilities (through Pharmacovigilance, Therapeutic Drug Monitoring, Drug Information Centre)

The Department of Pharmacology is a designated “Adverse Drug Monitoring Center” (AMC) under “Pharmacovigilance Programme of India” (PvPI) since 2014. The Department has contributed >300 *Adverse drug reactions (ADRs)* so far to Vigi Flow database. For optimum functionality of AMC, department is regularly conducting seminars among the institute’s faculty, residents, nursing and pharmacy staff regarding Pharmacovigilance and ADR reporting. Department is also planning to establish a “Toxicovigilance, Hemovigilance & Materiovigilance centre”. Department is also keen to establish “Drug information centre”.

Apart from regular teaching activities, department faculties are engaged in various research projects, the details of which are given below. Also Ultra-High Performance Liquid Chromatography (UHPLC) is installed and the department is in process to start “Therapeutic Drug Monitoring” (TDM) services. To begin, TDM for phenytoin and carbamazepine will be

done and later on other drugs will expand the list. The department is also planning to initiate Pharmacogenomics for various drugs.

Steps are being taken to establish a CPCSEA certified “Animal house” which is an essential requirement of the institute. Animals kept would be utilized by faculty members after institution’s ethical clearance; for research work or skill development.

Department presently have 3 senior and 2 junior residents. The department has four approved M.D. seats and two M.D. students are expected to join in July session. The PhD students are also going to join the department as we have PhD teachers in the department.

Department organized workshop on “Introduction to Cochrane Systematic Reviews and Meta-analysis” at AIIMS- Jodhpur, on 20th August 2016. Prof. Prathap Tharyan, a core member of Southeast Cochrane Network, was the resource faculty. It was one of the most useful workshop attended by most of AIIMS faculty and residents.

Apart from this, faculty & residents have attended and presented poster/ oral paper at various conference venues across the country.

Eminent Visitors to the Department:

1. Prof. Prathap Tharyan Department of Psychiatry, Christian Medical College, Vellore
Director, Cochrane South Asia

Name of Faculty: Dr. Sneha Ambwani

Designation: Professor & Head

Publications:

1. Mehta B, Garg K, **Ambwani S**, Bhandari B, Bhagat OL. Peak expiratory flow rate: A useful tool for early detection of airway obstruction in school children. Open Medicine Journal 2016; 3: 159-165
2. Kaur R, **Ambwani S**, Singh S. Endocannabinoid System: A multi-facet therapeutic target. Curr Clin Pharmacol, 2016;11(2):110-7.

Sessions Chaired:

1. Oral presentations at 61st Annual national Conference of Indian Public health Association (IPHA), 24th -26th February, 2017 at AIIMS Jodhpur,
2. Annual National Conference of National Medicos organisation, 10th-12th February 2017 at AIIMS Jodhpur,
3. CME on Diabetes: High time to act organized by department of CM&FM, 7th April 2016 at All India Institute of Medical Sciences, Jodhpur.

Resource faculty

1. Resource faculty- Planning for Teaching- Learning, Medical Education Orientation Workshop at AIIMS Jodhpur. 24th March 2017

Presentations in National/International Conferences/CME

1. An overview of drug treatment of tropical parasite infections: Recent achievements & development” Rajasthan Chapter of IATP-2016 September 2nd -3rd 2016 All India Institute of Medical Sciences, Jodhpur (Rajasthan)

Research Project:**Ongoing:**➤ **As Principal Investigator**

1. Study of vitamin D level and cardio metabolic abnormalities in patients with schizophrenia and bipolar disorders.
2. Health implication of chronic cannabis use.
3. “A study on prescribing pattern of drugs in geriatrics population using beers criteria at a tertiary care teaching hospital.”
4. Perception of students in different phases of medical educational environment using Dundee Ready Education Environment Measure (DREEM) inventory

➤ **As Co-Investigator**

1. Correlation of circulating endothelial progenitor cell with endothelial function in cases with metabolic syndrome.
2. An open labeled prospective study on efficacy of daily & weekly dose of vitamin D in adult population at a tertiary care teaching hospital.

Completed:➤ **As Principal Investigator**

1. “A study on prescribing pattern of drugs in geriatrics population using beers criteria at a tertiary care teaching hospital.”
2. Impact of integrated teaching sessions for comprehensive learning & rational pharmacotherapeutics on medical undergraduates. (FAIMER Project)

Examiner ship/Paper Setter**M.D. / MSc.**

1. All India Institute of Medical Sciences, New Delhi
2. Rajasthan University of Health Sciences, Rajasthan
3. Gujarat University, Gujarat
4. Sumandeep Vidyapeeth Deemed University, Vadodara (Gujarat).

MBBS/BDS

1. Rajasthan University of Health Sciences, Rajasthan
2. Gujarat University, Gujarat

3. Sumandeep Vidyapeeth Deemed University, Vadodara (Gujarat)
4. Teerthanker Maheveer University, Moradabad- (Uttar Pradesh)
5. Geetanjali Medical College, Udaipur (Deemed University)

Membership/Post in Journal or Society or Association

1. Membership awarded by National Academy of Medical Sciences (NAMS). 2016
2. Member of Indian Society for Sleep Research (ISSR). 2016
3. Life member of National Medicos Organization (NMO). 2016
4. Life member of Indian Public Health Association (IPHA). 2016

National/ International Conferences attended:

1. 61st Annual national Conference of Indian Public Health Association (IPHA), at AIIMS Jodhpur, 24th -26th February ,2017
2. Annual National Conference of National Medicos (NMOCON), at AIIMS, Jodhpur, 10th - 12th February 2017.
3. National Sleep Medicine Course: 2016 at HIMS, Jolly Grant, Dehradun, 2nd -4th December 2016.
4. 56th Annual conference of National Academy of Medical Sciences, at AIIMS, Raipur (C.G.), 21st -23rd October 2016.
5. Workshop on “Manuscript writing & Publication ethics & Research methodology, at AIIMS, Jodhpur, 20th -21st September 2016.
6. Rajasthan Chapter of Indian Academy of Tropical Parasitology at AIIMS, Jodhpur, 2nd - 3rd September 2016.
7. Workshop on “Introduction to Cochrane systematic reviews & Meta-Analysis” at AIIMS Jodhpur, 20th August 2016.
8. National Seminar on Occupational Health at AIIMS, Jodhpur, 7th -8th July 2016
9. Workshop on “Literature search in Pub-Med & reference management” at AIIMS, Jodhpur, 8th April 2016.
10. CME on “Diabetes: high time to act” at AIIMS, Jodhpur, 7th April 2016

Workshops/ Conferences Organized

1. 61st Annual national Conference of Indian Public Health Association (IPHA), at AIIMS Jodhpur, 24th -26th February ,2017
2. Workshop on “Introduction to Cochrane systematic reviews & Meta-Analysis” at AIIMS Jodhpur, 20th August 2016.

Any other information:

- 1 Appointed as a subject expert by Rajasthan Public Service Commission (RPSC) to conduct interview for the post of Assistant Professor on 10/02/2017.
- 2 Completed on line certificate course-
 - a. NIH Web-based training course on "Protecting Human Research Participants" from The National Institutes of Health (NIH) Office of Extramural Research, March 2017.
 - b. Course of "Good Clinical Practices" from NIDA Clinical Trial Network, February 2017.
- 3 **Fellowship:** Completed one year of fellowship of Foundation for Advancement of International Medical Education & Research (FAIMER) fellowship at Regional centre CMC Ludhiana for the year 2016.

Name of Faculty: Dr. Pramod Kumar Sharma

Designation: Associate Professor

Publications:**Pubmed:**

1. Gonnade N, Mehta N, Khera PS, Kumar D, Rajagopal R, **Sharma PK**. Ganglion Impar block in patients with chronic coccydynia. Indian J Radiol Imaging 2017 (Accepted)
2. Mishra AK, **Sharma PK**. Pharmacotherapy of insomnia and current updates. J Assoc Physic India 2017;65:43-7.
3. Dhamija P, Kalra S, **Sharma PK**, Kalaiselvan V, Muruganathan A, Balhara YPS, Badani R, Bantwal G, Das AK, Dhorepatil B, Ghosh S, Jeloka T, Khandelwal D, Nadkar MY, Patnaik KP, Saboo B, Sahay B, Sahay R, Tiwaskar M, Unnikrishnan AG. Indian College of Physicians (ICP) Position Statement on Pharmacovigilance. J Assoc Physic India 2017;65:63-6.
4. Agrawal M, **Sharma PK**, Dhaneria SP. Clinical Practice Audit of Perioperative Antimicrobial Prophylaxis in a Tertiary Care Hospital: Do Routine Academic Activities Improve Adherence to Practice Guidelines? Rev Recent Clin Trial 2016 Sep 26. [Epub ahead of print]
5. Gupta A, **Sharma PK**, Misra AK, Singh S. Lesinurad: A Significant Advancement or Just Another Addition to Existing Therapies of Gout? J Pharmacol Pharmacother 2016;7:155-8.
6. Singh S, **Sharma PK**, Bhandari B, Kaur R. Knowledge, awareness and practice of ethics among doctors in tertiary care hospital. Indian J Pharmacol 2016;48:S89-93.
7. **Sharma PK**, Gupta N, Hasan N, Krishnamurthy B, Singh S. Inhalational budesonide induced hypersensitivity: an under recognized entity. J Clin Diagn Res. 2016;10:FD01-FD02

8. **Sharma PK**, Misra AK, Singh V, Gupta A, Saroha S, Singh S. Cyclophosphamide and epirubicin-induced diabetes mellitus in breast cancer: A rare occurrence. *J Pharmacol Pharmacother* 2016;7:146-8.
9. Singh S, **Sharma PK**. Imatinib induced thyroiditis in Philadelphia chromosome positive chronic myeloid leukemia. *Indian J Pharmacol* 2016;48:458-9
10. Singh S, **Sharma PK**, Kaur R. Bedaquiline versus placebo for management of multidrug-resistant tuberculosis: A systematic review. *Indian J Pharmacol* 2016;48:466.
11. **Sharma PK**, Singh S, Dhamija P. Awareness among tertiary care doctors about Pharmacovigilance Programme of India: Do endocrinologists differ from others? *Indian J Endocr Metab* 2016;20:343-7

Non-Pubmed:

1. Saini LK, Chauhan NK, Panwar R, Dutt N, Saran S, Suryakant, **Sharma PK**. Primary isolated mediastinal abscess masquerading as mediastinal mass- A needle did the trick. *Curr Respir Med Rev* 2017 (Accepted)
2. Kuchya S, Kharya B, Singh A, **Sharma PK**, Praveen P. FDEMS Scoring System - For Objective Assessment of Motivation Level And Achievement of Glycemic Goals in Patients with Type 2 Diabetes Mellitus. *Natl J Integr Res Med* 2017; 8:92-96

Sessions Chaired:

1. O.D. Gulati Oration, 49th Annual conference of Indian Pharmacology Society, 20-23rd October 2016, PGIMER, Chandigarh

Invited Lectures

1. "Clinical Trials for Special Population", 50th Annual conference of Indian Pharmacology Society, 14-15th February 2017, IGIMS, Patna

Research Projects:

Ongoing:

➤ **As Principal Investigator**

1. Prevalence of nasal carriage of *Staphylococcus aureus* and their antimicrobial susceptibility profile in patients undergoing the elective surgical procedure in a tertiary care hospital – funded

➤ **As Co-Investigator**

1. Study of vitamin D level and cardiometabolic abnormalities in patients with schizophrenia and bipolar disorders - funded

2. Correlation of circulating endothelial progenitor cells with endothelial function in cases with Metabolic Syndrome – funded
3. A Prospective, Randomized, Double-Blind, Parallel, Active Controlled, Multicentre, Phase III Clinical Study to Evaluate the Efficacy and Safety of Fixed Dose Combination of Saroglitazar and Metformin Hydrochloride ER tablets 4 mg and 1000 mg Compared to Metformin Hydrochloride ER tablets 1000 mg in Adult Patients with Type 2 Diabetes Mellitus (Project No. 16-08 Version 00 dated 27/10/2016) – Sponsored by Cadila Healthcare Ltd, Ahmedabad (IU and SFQ have been shared – to be undertaken in collaboration with Department of Endocrinology & Metabolism, AIIMS, Jodhpur)

Completed:

➤ As Principal Investigator

1. Rosuvastatin 5 mg demonstrates equivalent improvements in serum lipids parameters compared to Atorvastatin 20 mg in hypercholesterolaemic patients: an observational, naturalistic study of 6 weeks duration (CTRI Registration No. REF/2016/09/012149)

Scientific Awards/Patents:

1. Member, Subject Expert Committee (SEC) for CTs in India.
2. Expert reviewer, National Guidelines on Pharmacovigilance Programme of India (PvPI)
3. Invited speaker at 15th Annual Congress of International Drug Discovery Sciences & technology to be held at Osaka, Japan from July 25-27th, 2017

Examinerships:

1. MD, SNMC, Jodhpur, 11-12th August 2016.
2. MD, SPMC, Bikaner, 27th August 2016
3. MBBS, AIIMS Bhubaneswar, 3rd March 2017.
4. MBBS, AIIMS Raipur, 30th July 2016.
5. MBBS, SNMC, Jodhpur, 2-3rd August 2016.
6. MBBS, AIIMS Bhubaneswar, 5-7th December 2016
7. MBBS, GMC, Kota, 20-22nd February 2017.
8. MBBS, MGUMST, Jaipur, 19/11/16 (Set question paper)
9. MSc (Medical Pharmacology), MM University, Mullana, Ambala, 1/4/2016 (Set question paper)
10. BSc (Hons.) Nursing, AIIMS Rishikesh in July 2017. (Question papers has already been sent)

Membership/ Post in Journal or Society or Association :

1. Member, American College of Clinical Pharmacology (ACCP)
2. Member, National Medicos Organization (NMO)

National/ International Conferences attended:

1. 50th Annual conference of Indian Pharmacology Society, 14-15th February 2017, IGIMS, Patna
2. 64th NATCON 2016, Annual conference of Anatomical Society of India, 29 Nov- 01st Dec 2016, AIIMS, Jodhpur
3. Workshop on Good Clinical Practices (Basic Program) conducted by PGIMER under the aegis of Clinical Development Service agency (CDSA), Dept. of Biotechnology, Government of India and IPS. 19-20th October 2016, PGIMER, Chandigarh
4. 49th Annual conference of Indian Pharmacology Society, 20-23rd October 2016, PGIMER, Chandigarh
5. "Introduction to Cochrane Systematic Reviews and Meta-analysis", 20th August 2016, AIIMS, Jodhpur
6. "Update on Neuroimaging and Interventions", 3rd July 2016, AIIMS, Jodhpur
7. "Workshop on Literature Search in PubMed and Reference Management", 9th April 2016, AIIMS, Jodhpur

Workshops/ Conferences Organized:

1. Workshop on "Introduction to Cochrane Systematic Reviews and Meta-analysis", Department of Pharmacology, AIIMS, Jodhpur, 20th August 2016

Any other information:

1. Successfully completed the course on Good Clinical Practices (GCP) by National Institute of Drug Abuse (NIDA) Clinical Trial Network, National Institute of Health (NIH), Department of Health & Human Services, USA

Name of Faculty: Dr. Surjit Singh

Designation: Associate Professor

Publications:**Pubmed:**

1. Chauhan NK, Sanwaria P, **Singh S**, Dutt N, Saini L, Kumar S, Kuwal A, Suryakant, Verma AK. Correlation between FEV1 Percentage Predicted and 6 Minute Walk Distance in Patients of Chronic Obstructive Pulmonary Disease. Indian J Physiol Pharmacol 2017; 61(1).
2. **Singh S**, Bhansali A. Randomized placebo control study of insulin sensitizers (Metformin and Pioglitazone) in psoriasis patients with metabolic syndrome (Topical Treatment Cohort). BMC Dermatology (2016) 16:12.

3. **Singh S**, Sharma PK, Bhandari B, Kaur R. Knowledge, awareness and practice of ethics among doctors in tertiary care hospital. *Indian J Pharmacol* 2016;48:S89-93.
4. **Singh S**, Sharma PK. Imatinib induced thyroiditis in Philadelphia chromosome positive chronic myeloid leukemia. *Indian J Pharmacol* 2016;48:458-9.
5. **Singh S**, Sharma PK, Kaur R. Bedaquiline versus placebo for management of multidrug-resistant tuberculosis: A systematic review. *Indian J Pharmacol* 2016;48:466.
6. Kaur R, Ambwani S, **Singh S**. Endocannabinoid System: A multi-facet therapeutic target. *Current Clinical Pharmacology*. 2016;11(2):110-7.
7. Sharma PK, **Singh S**, Dhamija P. Awareness among tertiary care doctors about Pharmacovigilance Programme of India: Do endocrinologists differ from others? *Indian J Endocr Metab* 2016;20:343-7.
8. Sharma PK, Misra AK, Singh V, Gupta A, Saroha S, **Singh S**. Cyclophosphamide and epirubicin-induced diabetes mellitus in breast cancer: A rare occurrence. *J Pharmacol Pharmacother* 2016;7:146-8.
9. Sharma PK, Gupta N, Hasan N, Krishnamurthy B, **Singh S**. Hypersensitivity with Inhalational Budesonide: An Under Recognized Entity. *Journal of Clinical and Diagnostic Research*. 2016 Oct, Vol-10(10): FD01-FD02.
10. Gupta A, Sharma PK, Misra AK, **Singh S**. Lesinurad: A significant advancement or just another addition to existing therapies of gout? *J Pharmacol Pharmacother*. 2016 Oct-Dec;7(4):155-158.

Non-Pubmed:

1. Chugh A, **Singh S**, Thareja P, Mittal Y, Chugh VK. Oral health related Quality of Life among students and health care workers of a tertiary health care centre. *Int J Dent Health* 2016;3(2):262-467

Papers Presented:

1. **Singh S**, Sharma PK, Bhandari B, Kaur R. Knowledge, awareness and practice of ethics among doctors in tertiary care hospital. *Indian J Pharmacol* 2016; 48: S89-93 at "11TH INTERNATIONAL MEDICAL EDUCATION CONFERENCE" organized by International Medical University, Malaysia from 20th to 22nd April 2016.

Research Projects:

Ongoing:

➤ **As Principal Investigator**

1. Post-operative bleeding in patients on Aspirin therapy regimens: An Observational Study (Ethical Clearance Granted)

2. A cross sectional survey of knowledge, attitude and practice of clinical research principles among doctors in tertiary care hospital (Under Ethical Clearance).
3. Determination of Vitamin D reference level in Healthy Population in Urban Rajasthan

➤ **As Co-Investigator**

1. Prevalence of zinc deficiency and the effect of zinc supplementation on prevention of Acute Respiratory infections in preschool children: An observational study.

Completed:

➤ **As Principal Investigator**

1. Knowledge, awareness and practice of ethics among doctors in tertiary care hospital (Under Ethical Clearance).

➤ **As Co-Investigator**

1. Randomized Placebo Control Open label trial for evaluation and comparison of effect of Submucosal Injection of Dexamethasone and Methylprednisolone on Postoperative Discomfort after Third Molar Surgery

Examinerships:

1. MBBS (Supplementary) at AIIMS, Bhopal (17th May 2016)

Membership/ Post in Journal or Society or Association:

1. MAMS Fellowship awarded by NAMS on 22nd October 2016 at AIIMS, Raipur during NAMSCON-2016.
2. Membership of The American College of Clinical Pharmacology.
3. Life Membership of Indian Society for Lead Awareness and Research (InSLAR)
4. Membership of Indian Society of Oncology.

National/ International Conferences attended:

1. Attended 37th Annual Conference Of National Medicos Organization And 1st Conference of NMO Jodhpur 11-12th Feb 2017 at AIIMS Jodhpur.
2. Attended "Workshop on Interstitial Lung Disease" organized by Department of Pulmonary Medicine, AIIMS Jodhpur on 28th and 29th January, 2017.
3. Attended "Annual conference of Anatomical Society of India" organized by, AIIMS Jodhpur on 29th November- 1st December, 2016.
4. Attended "American Heart Association (AHA) Certified BLS and ACLS Provider Course" organized by Department of Anesthesia, AIIMS, Jodhpur from 11th- 13th November, 2016.

5. Attended “56th Annual Conference of National Academy of Medical Sciences (India)” organized by AIIMS, Raipur from 21st to 23rd October 2016.
6. Attended “Hands-on Training Workshop Basic Cell Culture Technology” organized by Cell Repository, National Centre for Cell Science, Pune from 26th- 28th September, 2016.
7. Attended “Manuscript Writing and Publication bias and Research Methodology” organized by Research cell, AIIMS Jodhpur on 20th- 21st September, 2016.
8. Attended “11th International Medical Education Conference” organized by International Medical University, Malaysia from 20th to 22nd April 2016.
9. Attended “Workshop on Rabies Vaccination” organized by Department of CMFM, AIIMS Jodhpur on 20th April, 2016.
10. Attended “Workshop on Literature Search in PubMed and Reference Management” organized by Department of CMFM, AIIMS Jodhpur on 8th April, 2016.
11. Attended “CME on Diabetes: High time to act” organized by Department of CMFM, AIIMS Jodhpur on 7th April, 2016.

Workshops/ Conferences Organized:

1. Organization of “Introduction to Cochrane Systematic Reviews and Meta-analysis” at AIIMS, Jodhpur on 20th August, 2016.

Any other information:

- 1 Responsible for full-fledged and smooth functioning of “Adverse Drug Monitoring Centre” (AMC) in the Department.
- 2 Selected as Instructor Potential for BLS ACLS conducted by IIEMS accredited by AHA.
- 3 Completed AHA Certified BLS ACLS Instructor Course from IIEMS, Edapally, Kochi, India.
- 4 Certificate Course on “Leadership and Management in Health” from University of Washington on June 1016.

Name of Faculty: Dr. Pradeep Dwivedi

Designation: Assistant Professor

Publications:

Pubmed:

- 1 Yadav SS, Mandal RK, Sing MK, **Dwivedi P**, Sethi R, Usman K, Khattri S. Cumulative risk of Metabolic Syndrome correlated with the coexistence with (-1306C/T) and altered circulating MMP2 level. Exp Clin Endocrinol Diabetes 2016 Jun;124(6):380-4. (PMID:27219887).

Research Projects:

Ongoing:

➤ As Principal Investigator

1. Correlation of circulating endothelial progenitor cells with endothelial function in cases with Metabolic Syndrome. AIIMS Intramural.

➤ As Co-Investigator

1. To study the changes in intraocular pressure (IOP) with various common mudras or asana's of yoga in healthy individuals. AIIMS Intramural.
2. Study of vitamin D level and cardio metabolic abnormalities in patients with schizophrenia and bipolar disorders. AIIMS Intramural.

National/ International Workshop/Conference/training attended:

1. Application of Flow Cytometry in Drug Development and Research, organized by Central Drug Research Institute (CDRI), Lucknow, 22nd to 24th Feb 2017.
2. Annual Conference of Anatomical society of India, organized by Dept. of Anatomy, AIIMS Jodhpur at AIIMS Jodhpur, 29th Nov. to 1st Dec. 2016.
3. Workshop on Flow Cytometry, organized by Dept. of Anatomy, AIIMS Jodhpur at AIIMS Jodhpur, 28th Nov.2016.
4. American Heart Association certified BLS & ACLS Provider Course, organized by Dept. of Anaesthesia, AIIMS Jodhpur at AIIMS Jodhpur, 11th to 13th Nov. 2016.

Workshops/ Conferences Organized:

1. Introduction to Cochrane Systematic Reviews and Meta-analysis, organized by Dept. of Pharmacology, AIIMS Jodhpur at AIIMS Jodhpur on 20th August 2016.

Name of Faculty: Dr. Jaykaran Charan

Designation: Assistant Professor

Research Articles

PubMed

1. **Charan J**, Saxena D, Goyal JP. Efficacy and safety of Carica papaya leaf extract in the dengue: A systematic review and meta-analysis. Int J App Basic Med Res 2016;6:249-54.
2. Purohit, R., Rao, S.S., Goyal, J.P., Shah Vijay, **Charan J**. Pulmonary Function Tests in Sickle Cell Disease. Indian J Pediatr;2016;83;783.
3. **Charan J**, Reljic T, Kumar A. Author Reply. Indian J Pharmacol 2016;48:467.

Non-PubMed

1. Upadhyaya SK, Raval CM, Sharma DK, **Charan J**. Risk factors of social anxiety in medical college students. J Health Spec 2016;4:207-11

Resource faculty

1. Resource Faculty – Scientific Paper Writing Workshop- 29th -31st March 2017. Thimphu, Bhutan. Workshop sponsored by Bhutan Foundation.
2. Resource Person – Problem Based Learning – Medical Education Orientation Workshop at AIIMS Jodhpur. 24th March 2017
3. Resource Person – Research Methodology Workshop- NMOCON Jodhpur. 11-12 Feb 2017.
4. Resource Person – Preconference workshop- Annual National Conference of *Indian Association of Surgical Oncology NATCON-IASO 2016* from 22nd to 25th September 2016, Jodhpur.
5. Invited as a representative of Indian Scientists at India Africa Health Science Meet – Organized by Ministry of Health and Family Welfare and Ministry of External Affairs – New Delhi – 1-3 September 2016
6. Guest Faculty – Selection of right journals. Research methodology workshop for faculty of AIIMS Jodhpur Sept 2016.

Research Projects**Ongoing**➤ **As principal Investigator**

1. Extramural Research Grant – Indian Council of Medical Research - Perception and practice of physicians, patients and pharmacists about prescription of generic drugs in India - Indian Council of Medical Research.

➤ **As Co-Investigator**

1. Correlation of circulating endothelial progenitor cells with endothelial function in cases of medical syndrome – Intramural project.

Completed➤ **As Principal Investigator**

1. Prevalence of pulmonary tuberculosis in India: A systematic review and Meta-analysis.
2. Efficacy and Safety of Vitamin D in the treatment of Tuberculosis: A systematic review and meta-analysis.
3. Efficacy and Safety of Liraglutide in treatment of Obesity: A systematic review and meta-analysis.

4. Efficacy and Safety of Isoniazid in prevention of Tuberculosis in HIV infected children: A systematic review and Meta-analysis.
5. Mismatch between drug approval in Indian and disease burden of the India: A systematic review.

➤ **As Co-Investigator**

1. Irrational fixed dose combination ban: A systemic analysis. (Under Peer Review)

Scientific Awards/Patents

1. Extramural Research Grant – Indian Council of Medical Research - Perception and practice of physicians, patients and pharmacists about prescription of generic drugs in India - Indian Council of Medical Research.
2. Travel Grant - To attend “Academic Teachers Training Course” at LMU, Munich, Germany 24th Oct to 6th Nov 2016

Examinerships:

1. As external examiner and paper setter – for 2nd MBBS – GMERS Medical College, Dharpur, Patan, Gujarat

National/International Conferences attended:

1. Scientific Paper Writing Workshop- 29th -31st March 2017. Thimphu, Bhutan. Workshop sponsored by Bhutan Foundation.
2. India Africa Health Science Meet – Organized by Ministry of Health and Family Welfare and Ministry of External Affairs – New Delhi – 1-3 September 2016
3. Preconference workshop- Annual National Conference of Indian Association of Surgical Oncology NATCON-IASO 2016 from 22nd to 25th September 2016, Jodhpur.
4. Selection of right journals. Research methodology workshop for faculty of AIIMS Jodhpur Sept 2016.
5. Research Methodology Workshop- NMOCON Jodhpur. 11-12 Feb 2017.
6. Medical Education Orientation Workshop at AIIMS Jodhpur. 24th March 2017.
7. The 18th Indo-US Flow Cytometry Workshop. 22-24th February, 2017. Lucknow, UP.
8. Academic Teachers Training Course” at LMU, Munich, Germany 24th Oct to 6th Nov 2016.

Conference/Workshop/Training organized

1. Introduction to Cochrane Systematic Reviews and Meta-analysis. AIIMS Jodhpur. 20th August 2016. [Organizing Secretary]

Any other information

1. Invited as a representative of Indian Scientists at India Africa Health Science Meet – Organized by Ministry of Health and Family Welfare and Ministry of External Affairs – New Delhi – 1-3 September 2016

Department of Physical Medicine & Rehabilitation

S.No.	Name	Designation
1	Dr. Abhay Elhance Incharge of the Department	Professor Department of Orthopaedics

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.

After Inauguration of PMR block department has extended its services in various sections of neuro-rehab, Multi-disciplinary approach for pain management, musculoskeletal rehab, paediatric and cardio pulmonary rehabilitation.

New machines are installed in our department including CPM for upper and lower limb, traction (cervical / lumbar).

Total numbers of OPD patients has also shown stiff rise with 17,052 new patients and 20,000 Follow-up patients.

After taking charge of Department under guidance of Dr. Abhay Elhence the department has shown progress in IPD management and continued its services towards Rehabilitation. There were a total of 67 patients admitted for neurorehabilitation and 108 patients for pain management.

Department has also boosted its interventional pain management in collaboration with Radiodiagnosis department with approximately 419 interventions in past 1 year.

Department has also started 8 new research project in collaboration with other department. Completed 2 Research projects, 6 projects in progress (Ongoing)

All in all, it would be fair to say that the department of Physical Medicine and Rehabilitation at AIIMS Jodhpur has shown good progress on all fronts.

Department of Physiology

S.No.	Name	Designation
1	Dr. Sabyasachi Sircar	Professor and Head
2	Dr. Rajesh Sharma	Additional Professor
3.	Dr. Abhinav Dixit	Additional Professor
4.	Dr. Bharati Mehta	Additional Professor
5.	Dr. Purnima Sharma	Associate Professor
6.	Dr. Om Lata Bhagat	Associate Professor
7.	Dr. Bharti Bhandari	Associate Professor
8.	Dr. Prathamesh Haridas Kamble	Assistant Professor

About The Department:

The Department of Physiology presently has eight faculty members, three senior residents and four junior residents (postgraduate students). The department is primarily involved in teaching MBBS and BSc Nursing students. It is also providing to patients laboratory services like Autonomic Function Tests (AFT) and Evoked Potentials.

The undergraduate students are taught by didactic lectures. Teachers have been encouraged to upload the video-record of their lectures on the internet for the benefit of the students.

Besides, there are regular tutorials wherein the students interact with the faculty members in small groups. There are two fully functional laboratories for teaching the students: the clinical physiology and hematology labs. The students perform experiments related to various aspects of medical physiology in these laboratories. Newer practicals like 'audiometry' and 'viewing of stereogram' have been introduced while practical training in Retinoscopy using the 'schematic eye' is in the pipeline.

The internal assessment of students comprises the "system-completion tests" and the "semester examinations"; the former is entirely MCQ based, keeping in view the National Exit Examination which is in the offing and will be entirely MCQ-based. In the practical, the students are tested on their psychomotor and cognitive skills by Objectively Structured Practical Examination (OSPE).

The department is also actively involved in research. Besides working on intramural projects, its faculty members have submitted projects to ICMR and other external funding agencies for extramural grants. Some faculty members are guides to undergraduate students for the ICMR STS projects. State-of-the-art laboratories for autonomic functions and neurophysiology are functional in the department and are being used for research.

Name of Faculty: Dr. Sabyasachi Sircar
Designation : Professor & Head

Books/Chapters:

1. "Questions & Answers in Medical Physiology". (Under publication by Thieme).

Papers Presented:

1. "A device for simulating Lung Compliance" presented at SAAP conference in Kathmandu, November 10 to 12, 2016.

Sessions Chaired:

1. Session chaired in the 5th-biennial Conference of the South Asian Association of Physiologists in Kathmandu, November 10 to 12, 2016.
2. Session chaired in NMOCON-2017 held on February 11-12 at AIIMS-Jodhpur.

Membership/ Post in Journal or Society or Association:

1. Editor (Physiology), Indian Journal of Physiology & Pharmacology (Till 31-03-2017)

National/ International Conferences attended:

1. SAARC Conference in Kathmandu, Nepal. November 10-12, 2016
2. NMOCON-2017 at AIIMS Jodhpur. February 11-12, 2017

Any other information:

1. Working on the construction of 'Balloon Compliance-meter' in collaboration with Dr. A.K.Tiwari, Department of Electrical Engineering, IIT Jodhpur.

Name of Faculty: Dr. Rajesh Sharma
Designation: Additional Professor

Sessions Chaired:

1. Polemics on Integrated Teaching: Role of Problem Based Learning in Indian Medical Education. CME, Subharti Medical College, Meerut, India. June, 2016.

Invited Lectures:

1. Establishing an Autonomic Function Lab as a diagnostic and prognostic facility. CME, Subharti Medical College, Meerut, India. June, 2016.

Symposium Speaker

1. Cyber security in Hospital Information System: AIIMS Jodhpur experience. Symposium on Cybersecurity, SOPHOS International Initiative, August 2016, Khopoli, Maharashtra, India.

Research Projects:

Ongoing:

➤ **As Co-Investigator:**

1. A comparative study of linear and Non Linear analysis of Heart Rate Variability in COPD patients.
2. Comparison of Autonomic analysis, latency and recovery time in Subclinical Hypothyroid patients

Name of Faculty: Dr. Abhinav Dixit

Designation: Additional Professor

Papers:

Pubmed Indexed:

1. **Dixit A, Rai AK.** Hindi and English Letter Cancellation Tasks: Does language have an effect on performance? Ind J Physiol Pharmacol 2016; 60(3):235-238

Sessions Chaired:

1. Symposium on Neurosciences, 5th Biennial Conference of South Asian Association of Physiologists (SAAP), Kathmandu University, Dhulikhel, Nepal from 10-12 Nov 2016

Resource Faculty:

1. Resource Faculty for “Workshop on Medical Technology Innovation” 12th Feb 2017, AIIMS, Jodhpur

Research Project:

Ongoing:

➤ **As Principal Investigator**

1. Evaluation of Auditory Brainstem Responses in Smokers. (AIIMS Jodhpur, Intramural Grant)
2. Effect of language on performance on color word stroop task: An evoked potential study- ICMR

➤ **As Co-Investigator**

1. Recording and Processing of facial surface electromyography signals from laryngectomised patients and healthy volunteers- a pilot study. Collaborative project with MBM Engineering College, Jodhpur

Examinership

1. MD Physiology, SN Medical College, Jodhpur, 12th Aug 2016

Membership/Post in Journal or Society or Association

1. Member, The Physiological Society

National/ International Conferences attended:

1. Workshop on “Literature Search in Pubmed and Reference Management”, 9th April 2016, AIIMS, Jodhpur
2. Workshop on “Introduction to Cochrane Systematic Reviews & Meta-analysis”, 20th Aug 2016, AIIMS, Jodhpur
3. 5th Biennial Conference of South Asian Association of Physiologists (SAAP), Kathmandu University, Dhulikhel, Nepal from 10th-12th Nov 2016
4. “Workshop on Medical Technology Innovation” 12th Feb 2017, AIIMS, Jodhpur
5. Workshop on "Last mile connectivity for indigenous medical devices developed under DST, 27th March 2017, AIIMS, New Delhi

Any Other Information

1. Certification for Good Clinical Practices (GCP) from NIDA Clinical Trials Network, Sep 2016.
2. Course on “Leadership and Management in Health”, University of Washington, 13th June 2016.

Name of Faculty: Dr. Bharati Mehta

Designation: Additional Professor

Publications:

Pubmed:

1. **Mehta B**, Bhandari B, Engaging medical undergraduates in question making: a novel way to reinforcing learning in physiology, *ADV PHYSIOL. EDUC.*, 2016 40: 398–401.
2. **Mehta B.**, Comparing the Effects of Yoga & Oral Calcium Administration in Alleviating Symptoms of Premenstrual Syndrome in Medical Undergraduates, *JOURNAL OF CARING Sci.*, 2016, 5(3), 179-185.

Non-Pubmed:

1. **Mehta B.**, Garg K, Ambwani S, Bhandari B, Bhagat OL, Peak Expiratory Flow Rate: A useful tool for early detection of airway obstruction in school children, OPEN MEDICINE JOURNAL, 2016, 3: 159-165.
2. **Mehta B.**, Bhandari B. The Mirror Neuron System: Basic Concepts, INTERNATIONAL PHYSIOLOGY, 2016 Dec; 2(4): 77-80.
3. Bhandari B, **Mehta B**, Mavai M, Singh YR, Chemotherapy Induced Peripheral Neuropathy; Mechanism and Treatment, INTERNATIONAL PHYSIOLOGY, 2016 Dec; 2(4): 73-76.

Papers Presented:

1. Bhandari B, **Mehta B**, Sircar S. Priming through Open book MCQ test: a tool for enhancing learning in Medical Undergraduates. 20-22 April 2016, International Medical Education conference, IMU, Kuala Lumpur, Malaysia.

Sessions Chaired:

1. e-poster sessions, IPHACON 2017, 24th-26th February, 2017, AIIMS, Jodhpur.

Resource Faculty:

1. Evidence Based Medicine, 9th- 16th May 2016, AIIMS, Jodhpur
2. Research Methodology, NMOCON, 10th -12th February 2017, AIIMS, Jodhpur
3. Faculty development (Medical Education), 23rd -24th, 28th March 2017

Research Project:

Ongoing:

➤ **As Principal Investigator**

1. Screening asymptomatic school children for early asthma by determining mild airway narrowing through PEFr measurement; Funded by AIIMS, Jodhpur.
2. Gender differences in working memory in teenagers and its association with academic performance

➤ **As Co-Investigator**

1. Evaluation of Autonomic & Endothelial dysfunction in patients on Chemotherapy. Funding Agency: AIIMS, Jodhpur

Completed:**➤ As Principal Investigator**

1. Engaging undergraduate medical students in question writing: a novel way of reinforcing learning

Examinership

1. Undergraduate Physiology, KGMU, Lucknow from 8th to 12th August 2016
2. Undergraduate Physiology, SMS, Jaipur from 27th to 30th August 2016
3. Undergraduate Physiology, SNMC Jodhpur from 2nd to 5th September 2016
4. Subject expert NBE, KGMU

Membership/Post in Journal or Society or Association

1. Life Member; Indian Society for Lead Awareness & Research
2. Life Member: National Academy of Medical Sciences
3. Life Member: Indian Association for Adolescent Health
4. Member: Indian Society for Sleep Research
5. FAIMER Fellowship

National/ Workshops International Conferences attended:

1. Workshop on Literature search in Pubmed & Reference Management, 8th April 2016, AIIMS, Jodhpur
2. Introduction to Cochrane Systematic Reviews & Meta-analysis, 20 August, 2016, AIIMS, Jodhpur
3. Manuscript Writing, Publication Ethics & Research Methodology, 20-21 September, 2017, AIIMS, Jodhpur
4. NAMSCON 2016, 21st-23rd October, 2016, AIIMS, Raipur
5. Fifth National Sleep Technology Workshop, 29-30 November 2016, AIIMS, Delhi
6. National Sleep Medicine Course, 2-4 December, 2016, HIMS, Dehradun.
7. Annual National Conference on National Medicos Organisation, 10 – 12 February, 2017, AIIMS, Jodhpur
8. IPHACON 2017, 24-26 February 2017, AIIMS, Jodhpur.

Workshops/ Conferences Organised

1. Annual National Conference on National Medicos Organisation, 10 – 12 February, 2017, AIIMS, Jodhpur
2. IPHACON 2017, 24-26 February 2017, AIIMS, Jodhpur.

Name of Faculty: Dr. Om Lata Bhagat

Designation: Associate Professor

Publications:

Non-Pubmed:

1. Mehta B, Garg K, Ambwani S, Bhandari B, **Bhagat O L**. "Peak Expiratory Flow Rate: A Useful Tool for Early Detection of Airway Obstruction in School Children" Open Medicine Journal, 2016; 3: 159-165.

Books/Chapters

1. **Om Lata**, Psychophysiology of Leadership in, "Leadership Skills for Nursing Professionals" (Ed. 1st); Editors: Jugal Kishore and Vini Agarwal Delhi: Century Publications 2017. ISBN 978-81-88132-63-8

Papers Presented:

1. **Om Lata Bhagat**, Tulsi Appat, Chhaya Kharya, KK Deepak. Effect of respiratory rate on sympathovagal balance. SAAPCON-2016 (10th -13th November 2016)

Invited Lectures

1. Invited Lecture: "Biomedical Engineering: A Physiologist's Perspective". During two-day workshop on biomedical engineering: harmonizing the research and curricula organised by Department of Electrical and Instrumentation Engineering, Sant Longowal Institute of Engineering and Technology, Longowal, Distt. Sangrur, Punjab on 1st October 2016

Resource Faculty:

1. Workshop resource person: "Autonomic Function Tests" In The CME Cum Workshop: Environmental Stresses On Autonomic And Cardiorespiratory Functions organized by Department of Physiology, J. N Medical College, AMU, Aligarh at Aligarh on 17th December 2016

Research Projects:

Ongoing:

➤ **As Principal Investigator**

1. Autonomic function evaluation in hypertensive patients with and without metabolic syndrome (intramural project funded by AIIMS, Jodhpur)
2. Effect of Valsalva Manoeuvre on conduction of cardiac impulse. (non-funded)

3. Utilization of “Seismocardiography” for assessment of patients with ischemic cardiomyopathy, Collaborating Institute: Department of electrical engineering, IIT Jodhpur, Jodhpur. (part of collaborative project with IIT Jodhpur)

➤ **As Co-Investigator**

1. "Enabling technology for intelligent wireless sensor network for health monitoring", jointly funded by ISTP and GITA. (IIT Jodhpur) as medical partner
2. Effect of rhythmic breath-holding patterns on Arterial Blood Pressure and arterial blood gases (intramural project funded by AIIMS, Jodhpur)
3. Evaluation of electrocardiographic parameters and serum biomarkers in patients with hypertrophic cardiomyopathy (intramural project funded by AIIMS, Jodhpur)
4. “Evaluation of the role of cardiovascular autonomic function and peripheral vascular endothelial function in patients with primary hyperhidrosis” (intramural project funded by AIIMS, Jodhpur)

Membership/ Post in Journal or Society or Association :

1. Associate Editor (Physiology); Indian Journal of Physiology and Pharmacology, published by Association of Physiologists and pharmacologists of India
2. Regular member; American Physiological Society
3. Full Member; The Physiological Society

National/ International Conferences attended:

1. 64th National Conference of Anatomical Society of India, organized by Department of Anatomy, AIIMS Jodhpur at All India Institute of Medical Sciences, Jodhpur on 28th Nov - 1st Dec 2016 (member of organizing committee)
2. Fire Safety Workshop organized by Ministry of Health and Family Welfare at All India Institute of Medical Sciences, Delhi on 16th January 2017
3. 10th Hindi Conference and training program Organized by Rajbhasha Academy, Delhi at Hotel Kings Court, Mysore, Karnataka on 8th to 10th February 2017
4. 61st Annual National Conference of Indian Public Health Association (IPHACON 2017) & First State Conference of IPHA Rajasthan Branch Organized by Department of Community Medicine & Family Medicine, AIIMS Jodhpur in collaboration with IPHA Rajasthan Branch. At AIIMS, Jodhpur on 23rd to 26th February 2017 (member of organizing committee)
5. “Last mile connectivity for indigenous medical devices developed under DST -Hands on workshop on available technologies” organized by Department of Physiology, AIIMS, Delhi at All India Institute of Medical Sciences, New Delhi on 27th March 2017.

Name of Faculty: Dr. Bharti Bhandari

Designation: Associate Professor

Publications:

Pubmed:

1. Singh S, Sharma PK, **Bhandari B**, Kaur R. Knowledge, awareness and practice of ethics among doctors in tertiary care hospital. Indian J Pharmacol 2016; 48:S89-93.
2. Mehta B, **Bhandari B**. Engaging medical undergraduates in question making: a novel way to reinforcing learning in physiology. Adv Physiol Educ. 2016; 40(3):398-401.

Non-Pubmed:

1. **Bhandari B**, Mehta B, Mavai M, Singh R Y. Chemotherapy Induced Peripheral Neuropathy; Mechanism and Treatment. International Physiology 2016; 4(2): 73-76.
2. Mehta B, **Bhandari B**. The Mirror Neuron System: Basic Concepts. International Physiology 2016; 4(2): 77-80.
3. Mehta B, Garg K, Ambwani S, **Bhandari B**, Bhagat OL. Peak Expiratory Flow Rate: A Useful Tool for Early Detection of Airway Obstruction in School Children. Open Medicine Journal 2016, 3, 159-165.

Papers Presented:

As main author:

1. **Bhandari B**, Mehta B, Sircar S. Priming through open book MCQ test: A tool for enhancing learning in medical undergraduates. 11th International Medical Education Conference (IMEC–2016). 20 – 22 April 2016, International Medical University, Kuala Lumpur, Malaysia.

As co-author:

2. Singh S, Sharma PK, **Bhandari B** and Kaur R. Knowledge, Awareness and Practice of Ethics among Doctors in a Tertiary Care Hospital. 11th International Medical Education Conference (IMEC–2016). 20 – 22 April 2016, International Medical University, KL, Malaysia.

Sessions Chaired:

1. Session on Free oral paper presentation at 61st Annual National Conference of IPHA from 24th -26th February 2017 at AIIMS, Jodhpur.
2. Session on poster presentation at 61st Annual National Conference of IPHA from 24th - 26th February 2017 at AIIMS, Jodhpur.

Resource Faculty:

1. Workshop on Occupational health hazards at 61st Annual National Conference of IPHA from 24th -26th February 2017 at AIIMS, Jodhpur.

Research Projects:

Ongoing:

➤ **As Principal Investigator**

1. Evaluation of Autonomic and Endothelial Dysfunction in patients on Chemotherapy.
2. Postprandial Information Processing: The effect of a heavy meal on the performance of Stroop task.

➤ **As Co-Investigator**

1. Autonomic function evaluation in hypertensive patients with or without metabolic Syndrome (Intramural project)

Completed:

➤ **As Principal Investigator**

1. Effect of rhythmic breath-holding patterns on Arterial Blood Pressure and blood gases. (Intramural project).
2. Students' perception on Modified Jigsaw method; an active way of learning in Physiology.

Examinerships:

1. External examiner for MBBS Examinations at Maulana Azad Medical College, New Delhi from 25th to 31st July, 2016.

Membership/ Post in Journal or Society or Association :

1. Member, Editorial Board, International Physiology.
2. Member of the Scientific Committee in the Editorial Board of the International Journal of Physiology.
3. Member, American Thoracic Society.
4. Member, National Academy of Medical sciences
5. Member, Indian Public Health Association
6. Member, National Medical Organization

National/ International Conferences/workshops attended:

1. 11th International Medical Education Conference (IMEC–2016). 20 – 22 April 2016, International Medical University, KL, Malaysia.
2. Workshop on Introduction to Cochrane Systematic Reviews and Meta-analysis on 20th Aug. 2016.

3. Annual Conference of National Academy of Medical sciences (NAMSCON- 2016) from 20th to 22nd October 2016 at AIIMS, Raipur.
4. American Heart Association certified Basic Life support and Advanced Life support Provider Course at AIIMS, Jodhpur, from 11th-13th Nov. 2016.
5. 61st Annual National Conference of IPHA from 24th -26th February 2017 at AIIMS, Jodhpur.
6. NMOCON 2017 from 10th to 12th February, 2017 at AIIMS, Jodhpur.

Workshops/ Conferences Organized: In the Organizing Committee of

1. 1st AIIMS Jodhpur workshop on Interstitial Lung Diseases organized by Department of Pulmonary medicine at AIIMS, Jodhpur on 28th – 29th Jan 2017.
2. 61st Annual National Conference of IPHA organized by Department of CMFM at AIIMS, Jodhpur from 24th - 26th February 2017.

Name of Faculty: Dr. Prathamesh Haridas Kamble

Designation: Assistant Professor

Papers Presented:

1. **Prathamesh Kamble**, Rajesh K Sharma, Ravindra Shukla, Manisha Mavai, Tarun Arora, Suresh. Prolonged Peak Cardiac Autonomic Response Latency in Type 2 Diabetes Mellitus as a Novel Method for Assessment of Cardiac Autonomic Neuropathy. The 5th Biennial Conference of South Asian Association of Physiologists (SAAP V). November 10-13, 2016. Kathmandu University, Dhulikhel, Nepal.

Invited Lectures:

1. Autonomic functions in hypothyroidism. Thyroid update. 4th March 2017. AIIMS, Jodhpur.

Research Projects:

Ongoing:

➤ **As Principal Investigator**

1. Latency and Recovery Time After acute and graded Baroreceptor Stimulation: A Novel Method for Early Assessment of Cardiac Autonomic Neuropathy in Diabetes Mellitus. Applied to DST-SERB Extramural funding. In collaboration with IIT, Jodhpur.
2. Evaluation of cardiac autonomic functions in patients with subclinical hypothyroidism. Intramural Project.

3. Study of correlation between post-exercise heart rate recovery indices and resting cardiac autonomic oscillation.
4. Correlation between peak cardiac autonomic response latency and geriatric cognition: exploring the heart – brain connection.

Completed:

➤ **As Principal Investigator**

1. A Novel Method for Early Assessment of Cardiac Autonomic Neuropathy in Early Diabetes Mellitus.

Scientific Awards/Patents:

1. Best Poster award. Presented for Prolonged Peak Cardiac Autonomic Response Latency in Type 2 Diabetes Mellitus as a Novel Method for Assessment of Cardiac Autonomic Neuropathy. The 5th Biennial Conference of South Asian Association of Physiologists (SAAP V). November 10-13, 2016. Kathmandu University, Dhulikhel, Nepal.

Membership/ Post in Journal or Society or Association :

1. Full Member. The Physiological Society.
2. Life Member. Indian Academy of Neurosciences.

National/ International Conferences attended:

1. The 5th Biennial Conference of South Asian Association of Physiologists (SAAP V). November 10-13, 2016. Kathmandu University, Dhulikhel, Nepal.
2. Workshop on “Techniques in Physiological Sciences”. 20-22 December 2016. All India Institute of Medical Sciences, New Delhi, India

Department of Psychiatry

S.No.	Name	Designation
1.	Dr. Naresh Nebhinani	Associate Professor
2.	Dr. Jitender Aneja	Assistant Professor

About the Department:

In year 2013 Department of Psychiatry has started outdoor facilities including counselling services, and later extended to indoor facilities. Broadly we are catering to Patients with Psychiatric disorders, Substance use disorders and Psycho-Sexual disorders.

In our outdoor clinic we are serving to patients with common mental disorders, psychosomatic disorders, stress related problems, childhood disorders, geriatric problems, substance use disorders, marital and psychosexual disorders etc. We are seeing new patients as well as referred patients from other departments in and outside AIIMS Jodhpur. We are providing pharmacotherapy, electroconvulsive therapy (ECT) and psychological therapies like Psychoeducation, behavioural therapy, psychotherapy, and also teaching various relaxation exercises.

We are running three special clinics: Drug Deaddiction Clinic (DDC) (Tuesday), Stress Prevention Clinic (SPC) (Wednesday) and Child and Adolescent Psychiatry Clinic (CAPC) (Thursday). We are having weekly departmental academics in form of seminar, journal club, formal teaching, and psychotherapy forum.

We are also providing additional services to Indian Institute of Technology (IIT), Border Security Force (BSF), Police academy, Jai Narayan Vyas University, Schools and Colleges and Yoga centre for awareness lectures related to stress, psychiatric disorders, and substance abuse as well as for capacity building.

We are teaching clinical skills, basic sciences and applications of Psychiatry to B.Sc. Nursing (Hons) and M.B.B.S. students.

In year 2016-2017, our faculty have participated in several academic forums- conferences, workshops and discussions and presented scientific papers, and delivered guest lectures.

In year 2016-2017 we have completed following three projects: 'Assessment of metabolic abnormalities in patients with Schizophrenia: A longitudinal study with Psychoeducational intervention' (as Principal investigator), a Multicentric project of Indian Association of Geriatric Mental Health on 'Symptom profile of depression among elderly' (as Co-investigator), and an intramural project on 'Transthyretin (TTR): Plausible Role in Depression in Subjects Undergoing Thyroid Profiling and found Euthyroid' (as Co-investigator).

Name: Dr. Naresh Nebhinani
Designation: Associate Professor

Publications:

Pubmed:

1. Purohit P, Sharma P, **Nebhinani N**, Sharma P. Evaluation of antioxidant status, Hs-CRP and Insulin resistance in male chronic opiate users without co-morbidities. Indian J Psychological Med 2016 (accepted).
2. **Nebhinani N**, Suthar N. Sleeping beauty syndrome: A case report and review of female cases reported from India. Indian J Psychological Med 2016 (accepted)
3. Grover S, **Nebhinani N**, Chakrabarti S, Avasthi A. Prevalence of metabolic syndrome among patients with depressive disorder admitted to a psychiatric inpatient unit: A comparison with healthy controls. Asian J Psychiatry 2017;27:139-44
4. Suthar N, **Nebhinani N**. Cardiovascular disease risk in patients with schizophrenia. General Hospital Psychiatry 2017;45:103
5. **Nebhinani N**, Chahal S, Jagtiani A, Mamta, Gupta R. Medical Students' Attitude towards Suicide attempters. Industrial Psychiatry J 2016;25:17-22

Non-Pubmed:

1. **Nebhinani N**, Suthar N. Constipation in elderly patients with psychiatric disorders. J Geriatric Mental Health 2017 (accepted)
2. **Nebhinani N**, Jagtiani A, Chahal S, Mamta, Gupta R. Medical Students' Attitude towards Suicide prevention. Medical Journal of Dr. D.Y. Patil University 2017 (accepted)
3. **Nebhinani N**, Sharma P, Suthar N. Role of vitamin D supplementation in patients with depressive disorders and hypovitaminosis D: A longitudinal study. (Received Dr. G C Boral Award in 2016). J Mental Health & Human Behavior 2017 (accepted)
4. **Nebhinani N**, Suthar N. Autoimmune basis of Schizophrenia. Medical Journal of Dr. D.Y. Patil University 2017;10:76-78
5. Subodh BN, **Nebhinani N**. Promoting Mental Health: Need for International Collaboration. Indian J Social Psychiatry 2016;32:278-288
6. **Nebhinani N**, Sharma P, Pareek V. Associations of metabolic syndrome with elevated liver enzymes and C-reactive protein in drug naive patients with Depressive disorders. J Mental Health Hum Behav 2016;21:91-97.
7. Grover S, **Nebhinani N**. Prescription patterns in psychiatric inpatient Evaluation of psychotropic prescription patterns at the time of discharge from inpatient unit of a tertiary care general hospital psychiatric unit. J Mental Health Hum Behav 2016;21:48-54

8. Sarkar S, **Nebhinani N**, Gupta S, Parakh P, Basu D. From one substance dependence to another: Are gateway violations common? Indian J Social Psychiatry 2016;32:171-3.

Paper Presented:

1. **Nebhinani N**, Kanchan T, Charan J. How I do it – advice/tips from prolific writers. Workshop on manuscript writing and publication ethics (AIIMS, Jodhpur, 20th September, 2016).
2. **Nebhinani N**, Sharma P, Suthar N. Role of vitamin D supplementation in patients with depressive disorders and hypovitaminosis D: A longitudinal study. In: 41st Annual Conference of Indian Psychiatric Society- North Zone (Won Dr. G C Boral award) (Udaipur, 22nd- 23rd October, 2016)
3. **Nebhinani N**, Mamta. Stress management skill training: An exploratory study among first year MBBS students in north India (poster). 22nd Congress of World Association of Social Psychiatry (New Delhi, 30th November- 4th December, 2016)
4. Jhirwal OP, **Nebhinani N**, Kukreti P, Kar SK. Managing Dhat Syndrome: Challenges & Research Evidence (oral). 22nd Congress of World Association of Social Psychiatry (New Delhi, 30th November- 4th December, 2016)
5. **Nebhinani N**, Suthar S, Sharma P. Role of vitamin D supplementation in patients with depressive disorders and hypovitaminosis D: A longitudinal study (competed for Bombay Psychiatric Society Silver Jubilee Award). 69th Annual National Conference of Indian Psychiatric Society (5th to 8th January, 2017, Raipur)
6. **Nebhinani N**, Mamta. Rising suicide among medical aspirants: Possible causes and potential solutions. 69th Annual National Conference of Indian Psychiatric Society (5th to 8th January, 2017, Raipur)
7. **Nebhinani N**, Suthar S. Profile of Dhat syndrome in North-Western India: An exploratory study. 69th Annual National Conference of Indian Psychiatric Society (5th to 8th January, 2017, Raipur)
8. **Nebhinani N**, Mamta. Medical students' attitude towards suicide prevention in North-Western India (Poster). 69th Annual National Conference of Indian Psychiatric Society (5th to 8th January, 2017, Raipur)
9. **Nebhinani N**, Suthar S, Tripathi S, Purohit P. Metabolic profile in patients with Schizophrenia in North-Western India: An exploratory study (Poster). 69th Annual National Conference of Indian Psychiatric Society (5th to 8th January, 2017, Raipur)
10. **Nebhinani N**, Suthar S. Oculogyric crisis in patients with Schizophrenia (Poster). 69th Annual National Conference of Indian Psychiatric Society (5th to 8th January, 2017, Raipur)

Sessions Chaired:

1. Early assessment & diagnosis of metabolic syndrome at P.G. Development Program, Indian Psychiatric Society- North Zone (Pahalgam, 29th May, 2016)

Invited Lecture:

1. **Nebhinani N.** A symposium on Amisulpride: 10 years in management of schizophrenia (Shri Ram Excellency, Jodhpur, 10th June, 2016)
2. **Nebhinani N.** How to stay sunshine happy? (Indira Yog Sansthan, Jodhpur, 19th June, 2016)
3. **Nebhinani N,** Aneja A, Chandani A. Stress and time management (In Orientation Program for MBBS batch 2016 at AIIMS Jodhpur, 4th August, 2016)
4. **Nebhinani N,** Chandani A. Integrated approach for Positive Mental Health. (In Orientation Program for BSc Nursing batch 2016 at College of Nursing, AIIMS Jodhpur, 5th August, 2016)
5. **Nebhinani N.** World Suicide Prevention Day: Connect, Communicate, Care (Indira Yog Sansthan, Jodhpur, 10th September, 2016)
6. **Nebhinani N.** Interaction with patients and families on common mental disorders (Indira Yog Sansthan, Jodhpur, 04th October, 2016)
7. **Nebhinani N.** Dignity in mental health: Psychological first aid (Indira Yog Sansthan, Jodhpur, 06th October, 2016)
8. **Nebhinani N,** Suthar N, Gehlot L, Shinde P. Stress management skill training and Psychological first aid (Lovely International School, Jodhpur, 07th October, 2016)
9. **Nebhinani N.** Stress management and time management (Rajmata School, Jodhpur, 25th November, 2016)

Symposium Speaker:

1. **Nebhinani N.** Differential diagnosis of pervasive developmental disorder. 41st Annual Conference of Indian Psychiatric Society- North Zone (Udaipur, 22nd- 23rd October, 2016)
2. **Nebhinani N,** Purushottam, Solanki RK, Vijayakumar L, Sagar R. Youth Suicide Prevention Program in India. 22nd Congress of World Association of Social Psychiatry (New Delhi, 30th November- 4th December, 2016)
3. **Nebhinani N,** Mathew A, Suthar N. Implementation of Youth Suicide Prevention Program in India. 69th Annual National Conference of Indian Psychiatric Society (5th to 8th January, 2017, Raipur)
4. Ghormode D, **Nebhinani N,** Menon V, Kar SK. Medically unexplained symptoms (MUS): Challenges and way forward. 69th Annual National Conference of Indian Psychiatric Society (5th to 8th January, 2017, Raipur).

Resource Faculty:

1. Manuscript writing and publication workshop at NATCON IASO 2016 (AIIMS, Jodhpur, 22nd September, 2016)

Research Project:

Ongoing:

➤ **As Co-Investigator**

1. A pilot study of estimation of pro-inflammatory and anti-inflammatory miRNAs (miR-29a & miR-187) in opioid dependent patients.
2. Correlation of blood lead levels with neurotransmitter receptors expressions and assessment of neurobehavioral change in children of Jodhpur region.
3. A study of sleep quality, perceived stress and its impact on academic performance of medical students.

Completed:

➤ **As Principal-Investigator**

1. Assessment of metabolic abnormalities in patients with Schizophrenia: A longitudinal study with Psychoeducational intervention

➤ **As Co-Investigator**

1. Symptom profile of depression among elderly. Indian Association of Geriatric Mental Health
2. Transthyretin (TTR): Plausible Role in Depression in Subjects Undergoing Thyroid Profiling and found Euthyroid.

Scientific Awards/ Patents:

1. Early Career Psychiatrists Fellowship Program, World Psychiatric Association International Congress, Istanbul, Turkey, 6th-10th, July, 2016. (selected for the award)
2. Dr. G C Boral award. 41st Annual Conference of Indian Psychiatric Society- North Zone, Udaipur, 22nd- 23rd October, 2016.
3. Young Psychiatrist Track Award. 22nd Congress of World Association of Social Psychiatry, New Delhi, 30th November- 4th December, 2016.

Examinerships:

1. Expert for Senior Resident interview. AIIMS, Rishikesh. 27th March, 2017

Membership/Post in Journal or Society or Association

1. Assistant Editor; Indian Journal of Social Psychiatry

2. Editorial board: Journal of Geriatric Mental Health, Medical Journal of Dr. D.Y. Patil University

National/ International Conferences attended: 6

1. National Workshop on Recent Technological Advances and Intervention for Psychiatric Disorders (Delhi, 2nd April, 2016)
2. Manuscript writing and publication workshop at NATCON IASO 2016 (AIIMS, Jodhpur, 22nd September, 2016)
3. Workshop on Gender intelligence, IIT Jodhpur, 6th May, 2016.
4. 41st Annual Conference of Indian Psychiatric Society- North Zone (Udaipur, 22nd- 23rd October, 2016)
5. 22nd Congress of World Association of Social Psychiatry (New Delhi, 30th November- 4th December, 2016)
6. 69th Annual National Conference of Indian Psychiatric Society (5th to 8th January, 2017, Raipur).

Workshops/ Conferences Organised:

1. Psychoeducation session on Schizophrenia management for patients and families on International Schizophrenia Awareness Day (24th May, 2016)
2. Camp for treatment of tobacco dependence on World No Tobacco Day (31st May, 2016)

Certificate courses:

1. Literature search in PubMed and Reference Management' at AIIMS, Jodhpur. 9th April, 2016.
2. Cochrane South Asia Workshop on Protocol Development at C.M.C. Vellore. 13th to 17th June, 2016.

Radio talk:

1. World No Tobacco Day (31st May, 2016)
2. World Suicide Prevention Day: Connect, Communicate, Care (10th September, 2016)
3. How to stay positive? (13th September, 2016)
4. On World mental health day theme- Psychological first aid (10th October, 2016)

Other affiliations

1. Expert (technical committees) for Pharmacovigilance Programme of India (PvPI)
2. Sub Dean, Student welfare committee AIIMS Jodhpur
3. Member, Women Cell, IIT Jodhpur

Name : Dr. Jitender Aneja
Designation : Assistant Professor

Publications

Pubmed

1. Grover S, Hazari N, **Aneja J**, Chakrabarti S, Avasthi A. Stigma and its correlates among patients with bipolar disorder: A study from a tertiary care hospital of North India. Psych Res 2016, 244;109-16.
2. Grover S, Hazari N, **Aneja J**, Chakrabarti S, Avasthi A. Influence of religion and supernatural beliefs on clinical manifestation and treatment practise in patients with bipolar disorder. Nordic J Psychiatr 2016;70:442-9.
3. Grover S, Hazari N, **Aneja J**, Chakrabarti S, Sharma S, Avasthi A. Recovery and its correlates among patients with bipolar disorder: A study from a tertiary care centre in North India. Int J Soc Psychiatry 2016;62(8):726-36.

Non- Pubmed

1. Chavan BS, **Aneja J**. Global Mental Health Movement has not helped in reducing global burden of psychiatric disorders. Indian J Soc Psychiatry 2016;32:261-6.

Symposium Speaker

1. Topic- Challenges for the caregivers of children and adults with autism spectrum disorders, 22nd World Congress of Social Psychiatry, Date- 30th Nov 2016-4th Dec, 2016, New Delhi
2. Topic- Theme Symposium on Impact of Global Events on Society and Mental Health, 23rd National Conference of Indian Association for Social Psychiatry, Date- 30th Nov, 2016- 4th Dec, 2016, New Delhi

Membership/Post in Journal or Society or Association

1. Fellow of Indian Association for Social Psychiatry

National/International Conferences attended

1. 22nd World Congress of Social Psychiatry, Date- 30th Nov 2016-4th Dec, 2016, New Delhi
2. 23rd National Conference of Indian Association for Social Psychiatry, Date- 30th Nov, 2016- 4th Dec, 2016, New Delhi

Invited Lectures-

1. Stress and time management (In Orientation Program for MBBS batch 2016 at AIIMS Jodhpur, 4th August, 2016)

2. Stress and time management (In orientation program for new MD students, held in August, 2016)

Workshops/ Conferences Organized

1. Participated as an organizer for the 22nd World Congress of Social Psychiatry, Date- 30th Nov 2016-4th Dec, 2016, New Delhi

Any other information:

Certificate Course-

1. Attended "Introduction to Cochrane Systematic Reviews and Meta-analysis: held on 20th, August, 2016, at AIIMS, Jodhpur

Department of Pulmonary Medicine

S.No.	Name	Designation
1	Dr. Naveen Dutt	Associate Professor
2	Dr. Nishant Kumar Chauhan	Associate Professor

About The Department:

1. Introduction:

The department of Pulmonary Medicine is committed to provide access to the latest advances in respiratory diseases, respiratory critical care, sleep medicine and consistently deliver high-quality care with competence, respect, dignity and compassion. We manage a wide spectrum of diseases of the chest ranging from airway disorders like bronchial asthma, COPD, lung infection, pleural diseases, lung cancer, sleep disorders, occupation-related lung disorders like silicosis, interstitial lung diseases and patients with respiratory failure requiring invasive/non-invasive ventilatory support.

2. Services:

We are offering OPD as well as IPD facilities to our patients. Presently we are doing the following investigations in our department:

1. Spirometry
2. Diagnostic and therapeutic Videobronchoscopy
3. Medical Thoracoscopy
4. Pulmonary Function Testing including Diffusion study

Eminent Visitors:

1. Dr.Ganesh Raghu- ILD expert of International fame
2. Dr. Randeep Guleria- Director, AIIMS New Delhi
3. Dr.D.Behera- Head, Department of pulmonary, critical care and sleep medicine, PGIMER, Chandigarh

Name of Faculty: Dr. Naveen Dutt

Designation: Associate Professor

Papers-

1. Varikasuvu Seshadri Reddy, Suman Bukke, **Naveen Dutt**, Puneet Rana, Arun Kumar Pandey, A systematic review and meta-analysis of the circulatory, erythrocellular and

- CSF selenium levels in Alzheimer's disease: A metal meta-analysis (AMMA study-I), Journal of Trace Elements in Medicine and Biology, Volume 42, July 2017, Pages 68-7
2. Purohit S, **Dutt N**, Saini L, Panwar R, Kumar S. High resolution computed tomography in chronic obstructive pulmonary disease patients: Do not forget radiation hazard. Lung India : Official Organ of Indian Chest Society. 2016;33(5):582-583. doi:10.4103/0970-2113.189006.
 3. Kuwal Ashok, **Naveen Dutt**, and Nishant Chauhan. "Image-guided pleural biopsy: issue of the expertise and availability of the resources." Respiration 92.1 (2016): 56-56.
 4. Chauhan NK ,Sanwaria P, Singh S, **Dutt N**, Saini, Kumar S, Kuwal A, Suryakant, Verma AK. Correlation between FEV1 Percentage Predicted and 6 Minute Walk Distance In Patients of Chronic Obstructive Pulmonary Disease. Indian J Physiol Pharmacol 2017; 61: 38–42

Papers Presented:

1. "Incorrect Inhaler Technique Impairs Quality Of Life Among Asthma Patients" presented in Annual Scientific Meetings of The Australia and New Zealand Society of Respiratory Science and The Thoracic Society of Australia and New Zealand which took place at the National Convention Centre, Canberra, from 24-28 March 2017

Research Project:

Ongoing:

➤ **As Principal Investigator**

1. A Study of Sleep Quality, Perceived Stress and Its Impact on Academic Performance among Medical Students funded by AIIMS, Jodhpur- Intramural project funded by AIIMS Jodhpur

➤ **As Co-Investigator**

1. A study of vascular patterns by using Narrow Band Imaging (NBI) videobronchoscopy in the evaluation of airway of patients with suspected lung cancer and its relationship with histology- Intramural project funded by AIIMS Jodhpur
2. Identifying mild airway narrowing in asymptomatic school going children using PEFR as a screening tool- Intramural project funded by AIIMS Jodhpur

Membership/Post in Journal or Society or Association

1. Member of Indian Chest Society

National/ International Conferences attended:

1. Attended European Respiratory Society Conference 2016 held on 3 to 7 Sep 2016 at LONDON.
2. Attended National Conference on Pulmonary Diseases (NAPCON) 2016 held on 23 to 27 Nov 2016 at Bombay.
3. Attended NATCON -2016 held on 15 to 19 Dec 2016 at PGIMER Chandigarh.
4. Attended Annual Scientific meeting of Australia and New Zealand Society of Respiratory Sciences-2017 held on 24 to 28 March 2017 at Canberra

Workshops/ Conferences Organised –

1. Joint organizing secretary in 1st AIIMS Jodhpur ILD workshop organized by Pulmonary department at AIIMS Jodhpur (28th-29th January 2017)

Name of Faculty: Dr. Nishant Kumar Chauhan

Designation: Associate Professor

Publications:

1. Chauhan NK, Sanwaria P, Singh S, Dutt N, Saini, Kumar S, Kuwal A, Suryakant, Verma AK. Correlation between FEV1 Percentage Predicted and 6 Minute Walk Distance In Patients of Chronic Obstructive Pulmonary Disease. Indian J Physiol Pharmacol 2017; 61: 38–42
2. Kuwal A, Dutt N, Chauhan NK. Image-Guided Pleural Biopsy: Issue of the Expertise and Availability of the Resources. Respiration 2016;92:56-56

Books/Chapters:

1. Complications Associated with Invasive Mechanical Ventilation in Obese Patients: Mechanical Ventilation in the Critically Ill Obese Patient, Antonio M. Esquinas, Malcolm Lemyze, 1st edition, Spain, **Springer** International Publishing 2017: eBook ISBN 978-3-319-49253-7, Hardcover ISBN 978-3-319-49252-0

Papers Presented:

1. Correlation Between Percent Predicted Of Forced Expiratory Volume in First Second (FEV1 % Predicted) And Six Minute Walk Distance (6MWD) in Patients Of Chronic Obstructive Pulmonary Disease. ATS International Conference, 13-18 May 2016, San Francisco, USA

2. Correlation Between Body Mass Index (BMI) And Forced Expiratory Volume in First Second (FEV1 % Predicted) in COPD Patients. 47th Union World Conference on Lung Health, 26-29 October 2016, Liverpool, United Kingdom

Sessions Chaired:

1. Panel discussion on the management of asthma at RAJPULMOCON, April 2016 at Jaipur

Invited Lectures-

1. Speaker/faculty: Introduction to spirometry and its techniques at APPICON 2016 on 21.10.2016 at AIIMS Patna

Resource Faculty:

1. Medical Technology Innovation workshop on 12 February 2017 at AIIMS, Jodhpur

Research Project:

Ongoing:

➤ **As Principal Investigator**

1. A study of vascular patterns by using Narrow Band Imaging (NBI) videobronchoscopy in the evaluation of airways of patients with suspected lung cancer and its relationship with histology- Intramural project funded by AIIMS Jodhpur

➤ **As Co-Investigator**

1. A Study of Sleep Quality, Perceived Stress and Its Impact on Academic Performance among Medical Students funded by AIIMS, Jodhpur- Intramural project funded by AIIMS Jodhpur
2. A study to explore the risk factors for Chronic Obstructive Pulmonary Disease (COPD) among women not exposed to tobacco smoke - Funded by AIIMS Jodhpur

Membership/Post in Journal or Society or Association

1. Member- Indian society of oncology

National/ International Conferences attended:

1. American thoracic society 2016 international conference at San Francisco, USA.
2. UNION world conference on lung health at Liverpool, U.K
3. Rajpulmocon- Rajasthan chapter of National college of chest physicians in April 2016 at Jaipur

4. APPICON 2016 – Annual national conference of physiology and pharmacology on 21.10.2016 at AIIMS Patna

Workshops/ Conferences Organised -

1. Joint organizing secretary in 1st AIIMS Jodhpur ILD workshop organized by Pulmonary department at AIIMS Jodhpur (28th-29th January 2017)
2. Medical Technology Innovation workshop on 12 February 2017 at AIIMS, Jodhpur

Department of Radiodiagnosis (Radiology)

S. No.	Name	Designation
1	Dr. Pushpinder S. Khera	Associate Professor
2	Dr. Pawan Kumar Garg	Assistant Professor

About The Department:

The department is equipped with high end equipment for imaging and guided interventions namely 256 slice CT scanner, Biplane Digital Subtraction angiography (DSA) unit, digital and analogue x-ray machines, Ultrasound and Doppler scanners and digital mammography. The 3Tesla MRI scanner is going to be functional by mid-June 2017. Also facilities for endovenous laser ablation and radiofrequency ablation of solid tumors are going to be available soon.

The department strives to become a paperless department with use of PACS system and online reporting in near future.

The department is one of the few Radiodiagnosis departments in the country to have OPD referral system and admission rights for patients requiring interventional procedures. A total of 813 patients attended the Radiodiagnosis OPD in the period Apr 2016-Mar 2017. A total of 208 IPD admissions were done by the department during the same period.

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, TACE (Transarterial chemo embolization) for hepatocellular carcinomas, Interventions for portal hypertension namely TIPS (Trans jugular intra hepatic porto-systemic shunt) and BRTO (balloon occluded transvenous obliteration for gastric varices), 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 two MD Radiodiagnosis seats and one Post-doctoral fellowship seat have been approved for the July 2017 academic session.

The department organized a CME on "Neuroimaging and Interventions" on 3rd July 2016 with guest speakers being Dr. Shyamkumar NK, Head, Department of Radiology, Christian Medical College, Vellore and Dr. S.N. Mathuriya, Consultant Neurosurgeon, Medipulse Hospital, Jodhpur.

Department of Pulmonary Medicine organized a workshop on Interstitial Lung Disease (ILD) on 29th Jan 2017. As a part of this activity the department of Radiodiagnosis held case based

discussion along with hands on exposure to the nuances of High resolution CT of the lung for the participants.

The department was involved in organizing a tele conference and workshop on interventional radiology in association with National Academy of Medical Sciences (NAMS), New Delhi on 5th Feb 2017.

Numerical details of investigations and procedures done from 1st April 2016 to 31st March 2017 are as follows:

Vascular interventions	215
Non vascular interventions	1023
CT scan	3863
X rays	26803
Contrast investigations	176
Ultrasound including colour Doppler	5680
Mammography	385

Name of Faculty: Dr. Pushpinder S. Khera

Designation: Associate Professor

Publications:

Pubmed:

1. **Khera PS**, Myungsu L, Joonsung C. Balloon occluded retrograde transvenous obliteration for bleeding gastric varices: Eyes see what the mind knows. Indian J Radiol Imaging 2017;27:100-4
2. Rajagopal R, Mehta N, Saran S, **Khera PS**. Heuber Maneuver in Evaluation of Direct Carotid-Cavernous Fistula. Pol J Radiol. 2016 Oct 10;81:483-485
3. Saran S, Rajagopal R, **Khera PS**, Mehta N. Nonvisualization of the Internal Carotid Artery on Computed Tomography Angiography: Discussion of Two Cases with Review of Literature. Case Rep Neurol Med. 2016;2016:7584384. doi: 10.1155/2016/7584384. Epub 2016 May 19
4. Elhence P, Rao M, Goyal A, Kumar A, **Khera PS**, Bhattacharya S. Osteoclast-Like Giant Cell Tumor of the Parotid Gland: Report of a Case Diagnosed on Fine-Needle Aspiration Cytology With Histological and Immunohistochemical Findings. Diagn Cytopathol. 2016 Jun;44(6):548-51.

Sessions Chaired:

1. Case based approach to flow diverter deployment at Neuro Intervention Concept Elucidate -2017 (NICE -2017),21st Jan 2016,Medanta Medicity, Gurugram
2. Maintenance of AV access at CiDAAP(Controversies in Dialysis Access Asia Pacific),10th Dec 2016,Medanta Medicity, Gurugram

Invited Lectures

1. Role of CT angiography in planning for Vascular interventions at Somatom Siemens India Summit at Mumbai, July 18th,2016
2. BRTO: a case based approach at Interventional Radiology Update on Portal Hypertension & HCC Management on 26th Nov 2016 at Sir Ganga Ram Hospital, New Delhi
3. Basics of CT Thorax and HRCT patterns of ILD at 1st AIIMS Jodhpur workshop on ILD on 28th Jan 2017,AIIMS Jodhpur
4. Balloon occluded retrograde transvenous obliteration(BRTO) of gastric varices:How I do it at the Annual Conference of Indian Society of Vascular and Interventional Radiology(ISVIR),26th Feb 2017,Kolkata

Resource Faculty:

1. Workshop on ILD: Radiological approach and case based discussion, organized by Department of Pulmonary Medicine, AIIMS Jodhpur on 29th Jan 2017

Research Projects:

Ongoing:

1. As Principal Investigator

Comparison of laser ablation and radiofrequency ablation for treatment of varicose veins(Intramural project)

2. As Co Investigator

1. Correlation of circulating endothelial progenitor cells with endothelial function in cases with Metabolic Syndrome. Intramural Project
2. 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. Intramural Project

Scientific Awards/Patents:

1. Awarded the Korean Society of Interventional Radiology(KSIR) International Fellowship in April 2016 after a two month training period at Seoul National University Hospital, Seoul, South Korea

Membership/ Post in Journal or Society or Association :

1. Section Editor for Musculoskeletal Interventions in the Journal of Clinical Interventional Radiology (JCIR).
2. Executive committee member of Indian Society of Vascular and Interventional Radiology(ISVIR)

National/ International Conferences attended:

1. Mini Planet course on Neuroanatomy and interventions, organized by Indian Neuro interventional Foundation (INIF) at Mumbai, 22nd-24th July 2016.
2. Complications in Neurointerventions, organized by Indian Neuro interventional Foundation (INIF) at Goa, 18th-22nd Aug 2016.
3. Interventional Radiology Update on Portal Hypertension & HCC Management on 26th Nov 2016 at Sir Ganga Ram Hospital, New Delhi
4. CiDAAP(Controversies in Dialysis Access Asia Pacific),10th Dec 2016,Medanta Medicity, Gurugram
5. Neuro Intervention Concept Elucidate -2017 (NICE -2017),21st Jan 2016,Medanta Medicity, Gurugram
6. Annual Conference of Indian Society of Vascular and Interventional Radiology(ISVIR),23rd -26th Feb 2017,Kolkata

Workshops/ Conferences Organized:

1. CME on “Neuroimaging and Interventions” on 3rd July 2016 at AIIMS Jodhpur.

Name of Faculty: Dr. Pawan Kumar Garg

Designation: Assistant Professor

Publications:

1. **Pawan Kumar Garg**, Pushpinder Singh Khara, Rengarajan Rajagopal, Neeraj Mehta, Swarnava Tarafdar. Primary Management of Large Pancreatic Pseudoaneurysm. (Accepted in Journal of Clinical Interventional Radiology)

Invited Lectures

1. Interstitial Lung Disease: Pattern Based Approach. 1st Aiims Jodhpur workshop on ILD on 28-29 Jan 2017

Resource Faculty:

1. Workshop on ILD: Radiological approach, organized by Department of Pulmonary Medicine, AIIMS Jodhpur on 29th Jan 2017

Research Projects:

Ongoing:

➤ **As Co-Investigator**

1. Correlation of circulating endothelial progenitor cells with endothelial function in cases with Metabolic Syndrome. Intramural Project
2. 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. Intramural Project

Membership/ Post in Journal or Society or Association:

1. Corresponding member of European Society of Radiology.

National/ International Conferences attended:

1. Registry cum Complications Meet-2016 by ISVIR in Nagpur on 13-14 august 2016.
2. "The Endovascular Management Of Peripheral Arterial Occlusive Disease" at Sir Ganga Ram Hospital on 21st–23rd August 2016.
3. 4th AIIMS-MAMC-PGI Imaging Course 2016; 1st course: GIT and Hepatobiliary Imaging on 18th & 19th November, 2016 at AIIMS, New Delhi.
4. International Cardiac CT course on 25th and 26th November 2016, organized by Fortis Escorts Heart Institute, Delhi.
5. Interventional Radiology Update in November 2016, on Portal Hypertension & HCC Management at Sir Ganga Ram Hospital.
6. 70th Annual Conference of IRIA at Jaipur, Rajasthan from January 5–8, 2017.
7. 1st AIIMS Jodhpur workshop on Interstitial Lung Disease on 28-29 Jan 2017.
8. Tele conference on CME AND Workshop On Interventional Radiology by NAMS on 5th Feb 2017.

Workshops/ Conferences Organized:

1. 1st AIIMS Jodhpur workshop on INTERSTITIAL LUNG DISEASE on 28-29 Jan 2017 organized by Department of Pulmonary Medicine, AIIMS Jodhpur

Eminent Visitors:

1. Dr Shyamkumar NK, Head, Department of Radiology, Christian Medical College, Vellore: July 2016
2. Dr. Vivek Gupta, Professor, Department of Radio diagnosis, PGIMER, Chandigarh: Dec 2016

Department of Radiotherapy

S. No.	Name	Designation
1	Dr. Puneet Pareek	Associate 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.

Patients are currently offered radical and palliative care with systemic chemotherapy, biological therapy, immunotherapy and palliative care. Pain medications as morphine are judiciously prescribed 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 Radiodiagnosis, Intravenous Chemotherapies and Supportive Care etc.

The Department participates in the MBBS and Nursing Teaching as per the curriculum and in integrated teaching classes and UNCLE.

Name of Faculty: Dr Puneet Pareek

Designation: Associate Professor

Publications:

Papers:

- Pareek, Puneet.** "In Regard to Lee et Al." International Journal of Radiation Oncology, Biology, Physics 97, no. 2 (February 2017): 437.

Research Project:

Ongoing:

➤ **As Principal Investigator**

1. “Evaluating the dynamics of breast cancer stem cells and miRNA 155 in patients undergoing systemic neo-adjuvant or palliative chemotherapy for breast cancer”

Any other information:

1. 22/10/2016 National Academy of Medical Sciences (India) Elected as a Member of the ‘National Academy of Medical Sciences, India’
2. 05/09/16 – 08/10/16 Yale New Haven Travel & Indo American Cancer Association Received International Travel Grant for Fellowship in Advanced Training in Radiation Oncology in Yale new Haven Hospital, Connecticut, US.

Department of Transfusion Medicine & Blood Bank

S.No.	Name	Designation
1	Dr. Archana Bajpayee	Associate Professor
2	Dr. Saptarshi Mandal	Assistant Professor

About The Department:

At the opening of the financial year 2015-16 AIIMS Jodhpur Blood Bank was barely two months old. Now at the end of the financial year 16-17 we have progressed a long way in the two years. The statistics below is cited below with the % growth from last year in bracket (% increase/drop).

Blood & Platelet Donations: Between April 2016 to March 2017, 2188 donors were screened (18% increase) and 1975 donated (19% increase), of which 132 were apheresis donations (increased 200% ie tripled). About 46% of donations ie 1015 units were collected from 27 Camps and rest were in-house collections. A Voluntary Donor Register is being maintained at the Blood Bank for voluntary donors.

Transfusion transmitted Infection screening: All the 1975 collected units were tested for the five mandatory markers using the most sensitive serological tests in the market. Positive screen results came in Hepatitis B for 30 (1.51% as compared to 1.33% last year), HIV for 1 (0.05% as compared to 0.42% last year), HCV for 3 (0.15% compared to 0.18% last year) and VDRL for 3 (0.18%) and malaria in none. Positive donors were called for counselling, referral & follow up. We are currently in the process of installation of Individual Donor Nucleic Acid testing which is internationally the most sensitive method of screening with shortest "window period" for detection for the viral TTI.

Component Preparation: From the beginning the blood bank has tried to maintain 100% components policy. During this year 5725 components were made (24% increase): Packed red Blood Cells (PRBC) 1822 (14% increase), Fresh Frozen Plasma (FFP) 1672 (23% increase), Random Donor Platelet (RDP) 1731 (35% increase), Single donor Apheresis Platelet (SDAP) 132 (Increased 200% ie tripled), Cryoprecipitate (CRYO) 184 (15% increase), and Cryo Poor Plasma (CPP) 184 (15% increase). For pediatric patients and other needy patients unit modifications e.g. split units, leukofiltered units, reconstituted unit etc. have been made on these units prior to issuing as on demand basis..

Issue of Components: During this financial year total 4170 components were issued (43% increase) including 1958 PRBCs (21% increase) and 1243 FFP (69% increase) and 132 SDAPs (200% increase) during this 12 months.

Apheresis: AIIMS Jodhpur Blood Bank has two apheresis machines— one (Trima Accel) dedicated to collection has performed 132 plateletapheresis (3 times last year), and the other

machine (Cobe Spectra) is capable of performing both collection and therapeutic apheresis and also stem cell collection. Therapeutic plasmapheresis was performed on 8 occasions (62% drop). Dr SN Medical college (SNMC) the state govt medical college has also been initiated to start plasma pheresis with active support from AIIMS, sometimes difficult patients have been taken to AIIMS and sometimes routine plasmapheresis have been shifted to SNMC where some procedures may be done free of cost to patient. This accounts for the drop in the bulk of routine plasmapheresis at AIIMS.

Therapeutic Phlebotomy: During this 12 months this important modality of treatment has been performed successfully on 22 occasions (22% increase).

Platelet rich Plasma/fibrin (PRP/PRF): During this year, as a therapeutic service, the blood bank prepared injectable autologous PRP/PRF for 150 procedures (95% increase ie almost doubled) in the departments of Orthopedics, Physical medicine & rehabilitation & Dentistry.

Immunohematology: The Blood Bank has been providing regular immunohematology (Grouping, crossmatching, Direct & Indirect coombs tests, Antibody screen and titre) as well as specialized diagnostic services including evaluation for hemolytic anemia and PNH (Ham's test and sucrose lysis test).

New Instruments: A Semiautomated coagulometer was installed this year for Quality Control of units. We are also in the process of procurement of a blood component irradiator and an automated HLA testing platform.

Haemovigilance Programme: Our blood bank is now registered in Haemovigilance reporting system and we are actively reporting Adverse events of transfusion.

Name of Faculty: Dr. Archana Bajpayee

Designation: Associate Professor

Publication:

1. **Vox Sanguinis (2016)** 111 (Suppl. 1), 7–305. Abstract "Prevention and Management of Alloimmunization by establishment of Extended Red cell Phenotyped Voluntary Donors Data Base in Tertiary Care Hospital : A Distant Vision" **A Bajpayee**, A kaur (Impact Factor-2.8)
2. **Asian Journal of transfusion science, in ahead of print section** -Daily plasma exchange in severe Guillain–Barré syndrome helps in early weaning from ventilator: A lesson from a case Arunpreet Kaur, **Archana Bajpayee**, Nitin Kumar Bajpai, Nikhil Kothari. (Impact Factor-1.06)

Presentation:

1. Presented Oral Paper "Spontaneous rupture of kidney in a chronic refractory idiopathic thrombocytopenia purpura case: A rare event" in 10th International Congress on Autoimmunity, Leipzig (Germany), April 6-10, 2016

Research Projects:

Completed

➤ **As Principal Investigator**

1. “Comparative efficacy of Platelet rich plasma versus phonophoresis & tapping in chronic plantar fasciitis patients”. Manuscript is under peer review. (Non-Funded RCT)
2. “Knowledge, Attitude and Perceptions of people towards voluntary blood donation in Jodhpur district and pilot study in extended antigen phenotyping in prospective regular voluntary donors” (Intramural Funded Project)

Ongoing:

➤ **As Co-Investigator**

1. “Comparison of Role of Autologous Platelet rich plasma and Dextrose prolotherapy in chronic degenerative disorders of temporomandibular joint”: A Pilot study

Membership/Post in Journal or Society or Association

1. Member of International Society of Blood Transfusion (ISBT)
2. Lifetime member of Asian association of Transfusion Medicine.
3. Lifetime Member of Indian Society of Transfusion Medicine (ISTM)
4. Lifetime Member of Indian Society of Blood Transfusion & Immunohaematology (ISBTI)

National/ International Conferences attended:

1. 10th International Congress on Autoimmunity, Leipzig (Germany), April 6-10, 2016.

Name of Faculty: Dr Saptarshi Mandal

Designation: Assistant Professor

Publication:

Books/Chapters

1. Hazra A, **Mandal S**. Angiogenesis and Roles of Adhesion Molecules in Psoriatic Disease, in Raychaudhury SP, Raychaudhury SK, Bagchi D (Eds), Psoriasis & Psoriatic Arthritis. Taylor & Francis - CRC Press, Boca Raton, FL, USA, 2017

Research Project:

Ongoing:

➤ **As Principal Investigator**

1. Pilot study on Exploration of microRNA27 as biomarker of muscle wasting in Haemodialysis Patients; AIIMS Intramural Grant, In collaboration with ESI PGIMS Manicktala Kolkata and CMC Vellore TN
2. Collaborative study with IIT Jodhpur on novel testing platform development for Platelet Function Testing.

➤ **As Co-Investigator**

1. Post-operative bleeding in patients on Aspirin therapy regimens: A observational study (with Dr Surjit Singh as Principal Investigator).
2. Correlation of circulating Endothelial Progenitors with endothelial function in metabolic syndrome (PI Dr. Pradeep Dwivedi, Pharmacology, AIIMS).

Scientific Awards/Patents

1. 2016 AACC (American Association for Clinical Chemistry) International Travel award \$2500 for attending AACC Annual meeting 2016 at Philadelphia, PA, USA.
2. Lead member of team winning Silver Medal (second) award in Medical Technology Innovation Workshop organized by AIIMS, Jodhpur in collaboration with IIT Jodhpur and DRDO, Defense Lab Jodhpur, on 12th February 2017.

Membership/Post in Journal or Society or Association

1. Member AABB (American Association of Blood Banks)
2. Member AACC (American Association for Clinical Chemistry)
3. Member ASFA (American Society for Apheresis)
4. Member ASCP (American Society for Clinical Pathology)
5. Member CAP (College of American Pathologists)
6. Member ISTH (International Society on Thrombosis & Hemostasis)

National/ International Conferences attended:

1. American Society for Clinical Chemistry (AACC) Annual Meeting and Clinical Lab Expo July 31th-Aug 4th, 2015 Philadelphia, PA, USA

Department of Trauma & Emergency

S.No.	Name	Designation
1	Dr. Mahaveer Singh Rodha	Associate Professor

About The Department:

Trauma and Emergency Department is under development. Currently, Department of Surgery, Anaesthesia and Department of Trauma and Emergency are working together. The faculty are involved in patient care, teaching of undergraduate MVVA and B.Sc. (Hons) Nursing Students.

Name of Faculty: Dr. Mahaveer Singh Rodha

Designation: Associate Professor

Invited Lectures: -

1. Lecture on CME in Surgery 2017 at Department of Surgical discipline, AIIMS, New Delhi.

Research Project:

Ongoing:

➤ 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.

➤ As Co-Investigator:

1. Immunohistochemical validation of TLE-1, Nuclear beta-catenin and MIB-1 in soft tissue sarcomas with RT-PCR based correlation of SYT-SSX in cases of Synovial sarcomas.
2. Role of perforin in metabolic inflammation: A comparison of Type 2 Diabetes Mellitus and Healthy controls.
3. "The study of anatomical variations during axillary dissection"

Scientific Awards/Patents:

1. Awarded Best Surgical Video Presentation “NATCON-2016”at Jodhpur 23rd to 25th September 2016.
2. Awarded IInd position free Paper in “SELSICON-2016” “IHSCON-2016” at Agra from 4th to 5th November 2016.
3. Awarded 3rd Position in best Paper Presentation “RAJASICON-2016”at Jodhpur from 12th to 14th November 2016.

Membership/Post in Journal or Society or Association

- 1 Member of Association of Minimal Access Surgeons of India (AMASI).

National/ International Conferences attended:

1. Participated in “ATLS Course at Trauma Centre” at AIIMS New Delhi from 7th to 9th April 2016.
2. Participated in “Word Trauma Conference” at AIIMS New Delhi from 16th to 21st August 2016.
3. Participated in “NATCON-2016”at Jodhpur 23rd to 25th September 2016.
4. Participated in “SELSICON-2016” “IHSCON-2016” at Agra from 4th to 5th November 2016.
5. Participated as a Speaker in “ONCOTHEME 2017: National Symposium on Gallbladder Cancer”at Lucknow from 4th November 2016.
6. Participated in “RAJASICON-2016”at Jodhpur from 12th to 14th November 2016
7. Participated in “AMASICON-2016”at Kolkata from 17th to 20 November 2016.

Department of Urology

S.No.	Name	Designation
1	Dr. Gautam Ram Choudhary	Assistant Professor
2	Dr. Himanshu Pandey	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 program of clinical and basic research. The department has 2 full-time faculty members, both have their primary interest and also work for other secondary sub-specialties. Till 31st March 2017, OPD numbers were 9727 and 486 patients were admitted for treatment and performed 470 surgeries, which includes 300 major surgeries and 170 minor surgeries.

Name of Faculty: Dr. Gautam Ram Choudhary

Designation: Assistant Professor

Membership/ Post in Journal or Society or Association:

- American Urological Association (AUA)
- European urology
- Urological Society of India (USI)
- North Zone Urological Society of India NZUSI

National/ International Conferences attended:

Golden Jubilee CME and Alumni Meet, Achieving Excellence in Education, Services & Research, March 17-19 2017, PGIMER Chandigarh

Name of Faculty: Dr. Himanshu Pandey

Designation: Assistant Professor

Papers Presented:

Surgical Master Videos: How I do it? Topic: Nephron Sparing Surgery, Sunday 25th September 2016. 30th Annual National Conference of Indian Association of

Surgical Oncology NATCON-IASO 2016 from 22nd to 25th September 2016, - organized by AIIMS, Jodhpur

Sessions Chaired:

1. 1st RAJ USICON 2016 organized by Rajasthan Urology Society, July 2016 at Dr. S.N. Medical College, Jodhpur.
 - a. Hypospadias - Live operative workshop and panel discussion
 - b. TUEP/HoLEP and MiniPerc – Live operative workshop and panel discussion

Invited Lectures

1. Guest Faculty for 30th Annual National Conference of Indian Association of Surgical Oncology NATCON-IASO 2016 from 22nd to 25th September 2016, at Welcome Hotel, Jodhpur.
2. Guest faculty for 1st RAJ USICON 2016, organized by Rajasthan Urology Society, July 2016 at Dr. S.N. Medical College, Jodhpur- RIRS and It's instrumentation.

Membership/ Post in Journal or Society or Association:

1. Member of North Zone USI – Life Time Membership
2. Member of USI – Life Time Membership
3. Jaipur Urological Society – Life Time Membership

National/ International Conferences attended:

1. 1st RAJ USICON 2016 organized by Rajasthan Urology Society, July 2016 at Dr. S.N. Medical College, Jodhpur.
2. 30th Annual National Conference of Indian Association of Surgical Oncology NATCON-IASO 2016 from 22nd to 25th September 2016, at Welcome Hotel, Jodhpur.
3. 50th Annual Conference of the Urological Society of India (USICON) 2017. The Urological Society of India, CIDCO Exhibition Centre, 18th -21st January 2017, Navi Mumbai.
4. North Zone USICON, 2016 Agra.
5. International symposium on bladder cancer at AIIMS, New Delhi, November 2016.
6. Laparoscopic workshop and hands on course- Mulji Bhai Patel Urology Hospital, Nadiad.
7. Annual conference meeting of European Society for the study of IC/PBS (ESSIC - 2016), 17th to 19th Nov. 2016, New Delhi.
8. 5th Annual Conference of International Alliance of Urolithiasis – (PERCON and IAU 2016) - 20th to 21st Nov. 2016, New Delhi.
9. Uroscope at Kochi- 1st Prize Video Session- Radical Nephrectomy with level 2 IVC Thrombectomy.

10. Cadaveric Organ Retrieval workshop and hands on course at Bengaluru organized by NOTTO.

Any other information:

1. Started Advanced Laparoscopic Urological Surgeries Like Laparoscopic Radical Cystoprostatectomy, Laparoscopic Pyeloplasty, Laparoscopic Radical And Simple Nephrectomy, Laparoscopic + Endoscopic Combined Approach Partial Cystectomy For Bladder Paraganglioma, Laparoscopic Ureterolithotomy, Laparoscopic Orchidopexy - 1st time in Western Rajasthan.
2. Paediatric PCNL in cardiac patient.
3. Advanced Reconstructive Urological procedures: - e.g. Buccal mucosa urethroplasty for pan urethral strictures (augmentation and substitution urethroplasty), Redo and penoscrotal hypospadias repair.
4. Microsurgical procedures: - Sub-inguinal Varicocelelectomy
5. Initiation of RRT- AV Fistula creation and Management of Various Complication of Vascular access

College of Nursing

S. No.	Name of Faculty	Designation
1.	Prof (Dr.) Raj Rani	Prof-cum-Principal
2.	Ashok Kumar	Assistant Professor
3.	Mamta	Lecturer
4.	Himanshu Vyas	Lecturer
5.	Remiya Mohan	Lecturer
6.	Vandna Pandey	Lecturer
7.	Aashish Parihar	Lecturer
8.	Joyce Joseph	Tutor/Clinical Instructor
9.	Nancy Kurien	Tutor/Clinical Instructor
10.	Shrikant K Nair	Tutor/Clinical Instructor
11.	Maneesh Sharma	Tutor/Clinical Instructor
12.	Anoop Sharma	Tutor/Clinical Instructor
13.	Sanjay Sevak	Tutor/Clinical Instructor
14.	Asif Khan	Tutor/Clinical Instructor
15.	Rishi Dutt Avasthi	Tutor/Clinical Instructor
16.	Hanuman Ram Bishnoi	Tutor/Clinical Instructor
17.	Irasangappa Mudakavi	Tutor/Clinical Instructor
18.	Natwarlal Patidar	Tutor/Clinical Instructor
19.	Satyaveer	Tutor/Clinical Instructor
20.	Neetu Tripathi	Tutor/Clinical Instructor
21.	Nipin Kalal	Tutor/Clinical Instructor
22.	Vikas Choudhary	Tutor/Clinical Instructor
23.	Mamta Choudhary	Tutor/Clinical Instructor
24.	Ranjana Verma	Tutor/Clinical Instructor
25.	Anant Chandrakant Chopade	Tutor/Clinical Instructor
26.	P Gangadevi	Tutor/Clinical Instructor
27.	Raghu V A	Tutor/Clinical Instructor

28.	Moirangthem Sonia	Tutor/Clinical Instructor
29.	Arti	Tutor/Clinical Instructor
30.	Sanjeeta Dara	Tutor/Clinical Instructor
31.	S. K. Mohanasundari	Tutor/Clinical Instructor
32.	T Deviga	Tutor/Clinical Instructor
33.	Sabari Vel	Tutor/Clinical Instructor
34.	Minakshi Shayar	Tutor/Clinical Instructor
35.	Deepali Gaikwad	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 entered 4th year of its inception and is currently running four batches of B.Sc. (Hons) Nursing, a 4-year course with an annual intake of 60 students. The fruition of efforts are evidently visible with the first batch of B.Sc. (Hons) Nursing (Batch 2013) passing out in July 2017.

Infrastructural developments: The College building is fully functional and meets all the academic requirements of the students. State of the art infrastructure, lecture theatres, well-lit and ventilated classrooms, conference room, examination halls and lab facilities are the real gemstones of this College.

Enhancing skill training: A key component of the skills training at the College of Nursing takes place at the skill laboratories which are designed to facilitate acquisition of basic 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 and other State hospitals such as MDM & Umaid 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 years:

Co-Curricular activities: Senior batches of the college organized a colourful welcome party for the new entrants in November 2016. A colourful program on Teachers day, 5th September 2016 was organised by the students for the pedagogues.

KARTAL: Cultural & literary fest: College of Nursing, AIIMS, Jodhpur's first cultural & literary fest **KARTAL 2017** was conducted from 7th March- 9th March 2017. Number of activities were organized for the students. Pupil showed their talent in Dancing, Singing & Drama. They were also commendable in various Literary events such as Extempore, Debate, Poetry recitation & Quiz etc. On the lighter mode art and fun activities helped students and teachers to rejuvenate themselves. The winners & participants were acknowledged with prizes & certificates. The efforts from the part of all the teachers were meritorious for the grand success of the events.

Community services: The College of Nursing has continued to be active in community services. The students during their field posting in Village Dhawa & Pratap Nagar, Jodhpur provided health care services to diverse groups of society. Important health & social issues prevalent in the society were addressed through Nukkad Natak, Individual & mass health education programmes. B.Sc. (Hons.) Nursing 4th year students conducted community awareness programme on "Diabetes: Prevention & Management" at Dhawa, Jodhpur. People were made aware about Diabetes through role-play & exhibition. Nearly 100 people were screened for blood glucose at their doorstep. School Health Education programme was also held hand-in-hand.

Celebrating Health Days: College celebrated World Mental Health Day on 10th October 2016 with great enthusiasm and energy. A role-play on "Depression – its features and treatment" was performed by students in OPD area of AIIMS, Jodhpur. On the occasion of Universal Children day, a speech competition was organised for the students on the theme, "Stop Violence against children". The winners and participants were appreciated with certificates.

Sport events: Students of all four batches of B.Sc. (Hons.) Nursing took part in various sports events organised within and outside the campus and won medals. The college basketball and throw ball team, won winner's trophy at the annual sports fest held at AIIMS, Jodhpur from 8th to 17th Sep 2016. Faculty of College of Nursing also participated in Annual sports fest and won medals in various sports events.

Educational Visits: As a part of curriculum requirement educational visits to Old Age Home, Blind school & Navjeevan Manovikas Kendra were organized for the students.

Strengthen the capacity of its faculty: In order to maintain quality of teaching and learning, the College implemented a variety of continuing professional development activities to strengthen the capacity of its faculty. Basic nursing care procedure series was started in the month of Sep-Oct 2016 with a view to develop evidence based uniform nursing procedure guidelines. A series of Journal club presentation is in the pipeline.

By nurturing young minds and strengthening their values, we strive to motivate our students to reach their true potential and thus make them productive citizens of the world and worthy human being.



Name of Faculty: Prof. (Dr.) Raj Rani

Designation: Prof-cum-Principal

Publications:

Books/Chapters

Rani R, Mamta. Waste management. In: Environment Studies, Centre for education growth & research, New Delhi.

Sessions Chaired:

1. Chairperson in “3rd National Level conference on Disaster management in the Hospital” at Joitiba College of Nursing, Mehsana, Gujarat.
2. Conducted plenary session as Chairperson in “61st Annual National Conference of Indian Public Health Association (IPHA) and First State conference of IPHA Rajasthan” at AIIMS, Jodhpur.

Research Projects:

➤ **As Co-Investigator:**

1. Simulation based learning: satisfaction and self confidence among Nursing students.

➤ **As Investigator (Student project supervisor):**

1. Assessment of knowledge and expressed practices regarding menstrual hygiene among adolescent girls in Govt. Sr. Sec. school at village Dhawa, jodhpur, Rajasthan.
2. Assessment of nutritional status of children (1-5 years) at village, Dhawa, jodhpur, Rajasthan

Examinerships:

1. Appointed as theory paper evaluator of B.Sc. (Hons) Nursing 2nd & 4th year examination on 9th & 10th September, 2016 at KGMU, Lucknow.
2. Paper setter of B.Sc. (Hons) Nursing 2nd year examination annual examination of AIIMS, Bhubaneshwar.
3. Paper setter of B.Sc. (Hons) Nursing 2nd year examination annual examination of AIIMS, Rishikesh.
4. Paper setter of B.Sc. (Hons) Nursing 2nd year examination annual examination of AIIMS, Jodhpur.

Membership/ Post in Journal or Society or Association:

1. Member of selection committee as representative of SC/ST nominated by chairperson and representative of Women’s nominated by chairperson for the post of Account Officer, Group – A on Deputation basis non faculty post on 07.06.2016 at AIIMS, Jodhpur.

2. Member of selection committee as representative of SC/ST nominated by chairperson and representative of Women's nominated by chairperson for the post of Medical Physicist, Group – A on Direct recruitment basis non faculty post on 03.08.2016 at AIIMS, Jodhpur.
3. Member of selection committee as representative of SC/ST nominated by chairperson and representative of Women's nominated by chairperson for the post of Blood Transfusion Officer, Group – A on Direct recruitment basis non faculty post on 03.08.2016 at AIIMS, Jodhpur.
4. Member of selection committee as representative of SC/ST nominated by chairperson and representative of Women's nominated by chairperson for the post of Sanitation officer, Group – B on Deputation basis non faculty post on 14.12.2016 at AIIMS, Jodhpur.
5. Member of selection committee as representative of SC/ST nominated by chairperson and representative of Women's nominated by chairperson for the post of Assistant Controller of Examinations, Group - A on Deputation basis non faculty post on 14.12.2016 at AIIMS, Jodhpur.
6. Member of selection committee as representative of SC/ST nominated by chairperson and representative of Women's nominated by chairperson for the post of Executive Engineer (Electrical), Group - A on Deputation basis non faculty post on 14.12.2016 at AIIMS, Jodhpur.
7. Member of selection committee as representative of SC/ST nominated by chairperson and representative of Women's nominated by chairperson for the post of Office Superintendent, Group - B on Deputation basis non faculty post on 14.12.2016 at AIIMS, Jodhpur.
8. Member of selection committee as representative of SC/ST nominated by chairperson and representative of Women's nominated by chairperson for the post of Child Psychologist, Group - A non-faculty post on Direct Recruitment basis on 03.01.2017 at AIIMS, Jodhpur.
9. Member of selection committee as representative of SC/ST nominated by chairperson and representative of Women's nominated by chairperson for the post of Clinical Psychologist, Group - A non-faculty post on Direct Recruitment basis on 03.01.2017 at AIIMS, Jodhpur.
10. Member of selection committee as representative of SC/ST nominated by chairperson and representative of Women's nominated by chairperson for the post of Asst. Administrative Officer, Group - B on Deputation basis non faculty post on 17.01.2017 at AIIMS, Jodhpur.
11. Member of selection committee as representative of SC/ST nominated by chairperson and representative of Women's nominated by chairperson for the post of Account Officer, Group – A on Direct Recruitment basis on 27.01.2017 at AIIMS, Jodhpur.
12. Member of Hospital Infection Control committee.

National/ International Conferences attended:

1. CME on “Diabetes: High time to act”, Department of Community Medicine & family Medicine, AIIMS, Jodhpur, 7th April 2016.
2. Advance certificate course in Higher education leadership and management, Centre for Education Growth & Research, June 2016.
3. Workshop on “Introduction to Cochrane systematic reviews and meta-analysis” organized by Department of Pharmacology, AIIMS, Jodhpur, 20 August 2016.
4. Attended conference on “Current Trends in Parasitology: clinical, diagnostic and management challenges” organized by Department of Microbiology, AIIMS, Jodhpur from 2-3 September, 2016.
5. 61st annual national conference of Indian Public Health Association (IPHA) & First state conference of IPHA, Rajasthan Branch, Organized by Deptt of CMFM, AIIMS, Jodhpur, 24-26th Feb 2017.
6. Pre conference workshop on “Rediscovering effective communication in Public health related service, teaching & research-A hands on experience” at 61st annual national conference of Indian Public Health Association (IPHA) & First state conference of IPHA, Rajasthan Branch, Organized by Deptt of CMFM, AIIMS, Jodhpur, 23rd Feb 2017.

Name of Faculty: Ashok Kumar
Designation: Assistant Professor

Sessions Chaired:

1. Basic life support. ‘Smart Nursing Scientific Programme’ in 11th World Congress on Clinical, Preventive Cardiology & Imaging (WCCPI 2016), 24th September, 2016, Shantivan, Abu Road, Rajasthan.
2. Poster presentation. 20th Annual National conference of Nursing Research Society of India (NRSICON 2016), 21-23rd October 2016, Pal College of Nursing & Medical Sciences Haldwani, Uttrakhand.
3. E-Poster presentation. Nursing symposium under 6th Annual conference of Neurological Surgeons’ society of India (NSSI), 17th February 2017, Postgraduate Institute of Medical Sciences and Research (PGIMER), Chandigarh.

Symposium Speaker

1. Clinical spectrum of CAD. ‘Smart Nursing Scientific Programme’ in 11th World Congress on Clinical, Preventive Cardiology & Imaging (WCCPI 2016), 24th September, 2016, Shantivan, Abu Road, Rajasthan.

2. Required competencies for a Neuro Nurse. Nursing symposium under 6th Annual conference of Neurological Surgeons' society of India (NSSI), 17th February 2017, Postgraduate Institute of Medical Sciences and Research (PGIMER) Chandigarh.

Research Projects (Completed):

➤ **As Principal Investigator**

1. Stress and coping strategies among Nursing students.
2. Nursing as career: Motivating factors among Nursing students.
3. Simulation based learning: satisfaction and self confidence among Nursing students.

➤ **As Investigator (Student project supervisor):**

1. Smart phone addiction and its health impacts among the B.Sc. (H) Nursing students.
2. Knowledge regarding learning disabilities in children among primary school teachers

Examinerships:

1. B.Sc.(Hons.) Nursing 3rd year. AIIMS Bhubaneswar, 25-27 July 2016
2. B.Sc.(Hons.) Nursing 1st year. AIIMS Raipur, 29-30 July 2016
3. B.Sc. Nursing 2nd year. PGIMER Chandigarh. June-July 2016
4. Post Basic B.Sc. Nursing previous year. GCON, Dr. SN Medial College, Jodhpur, 21 Jan 2017

Membership/ Post in Journal or Society or Association :

1. Member (associate): Neuro Surgeons' Society of India (NSSI)

National/ International Conferences attended:

1. Workshop on 'Literature search in PubMed and Reference Management' by Q Med Knowledge Foundation. Organized by Department of CMFM, AIIMS Jodhpur on 8th April 2016.
2. Workshop on 'Manuscript writing & Publication ethics and Research methodology' organized by Research Cell, AIIMS Jodhpur on 20-21 September 2016.
3. 11th World Congress on Clinical, Preventive Cardiology & Imaging (WCCPI 2016) held at Shantivan, Abu Road, Rajasthan, India from 22-25 September, 2016.
4. 20th Annual National conference of Nursing Research Society of India (NRSICON 2016) on 'Interdisciplinary research collaboration: A key strategy for high quality patient care' organized by Pal College of Nursing & Medical Sciences Haldwani, Uttarakhand from 21-23rd October 2016.
5. 10th Hindi conference and training workshop organized by Rajbhasha Academy, Delhi at Mysore, Karnataka from 8-10 February 2017.

6. 6th Annual conference of Neurological Surgeons' society of India (NSSI) organized by Postgraduate Institute of Medical Sciences and Research (PGIMER) Chandigarh from 16-18 February 2017.

Name of Faculty: Mamta

Designation: Lecturer

Publications:

PubMed:

1. Nebhinani N, Chahal S, Jagtiani A, **Mamta**, Gupta R. Medical Students' Attitude towards Suicide attempters. *Industrial Psychiatry J* 2016; 25: 17-22

Non-PubMed:

1. **Mamta**. Rehabilitation Nursing: maximizing the efforts. *Indian Journal of Community Health Nursing* 2016 June;3(1) :12-15.

Chapters (Submitted):

1. Rani R, **Mamta**. Waste management. In: *Environment Studies, Centre for education growth & research, New Delhi.*

Papers Presented:

1. **Mamta**, Nebhinani N. Rising suicide in medical aspirants: students' reflection of causes & possible solution (Oral). 69th Annual National Conference of Indian Psychiatric Society, 5-8th Jan 2017, Raipur.

Research Projects (Completed):

➤ **As Co-Investigator:**

1. Stress and Coping Strategies among Nursing Students at All India Institute of Medical Sciences, Jodhpur, Rajasthan.
2. Nursing as career: Motivating factors for nursing students of All India Institute of Medical Sciences Jodhpur, Rajasthan.

➤ **As Investigator (Student project supervisor):**

1. Knowledge on prevention of breast cancer among females attending outpatient department of All India Institute of Medical Sciences, Jodhpur, Rajasthan

National/ International Conferences attended:

1. CME on "Diabetes: High time to act" organized by Department of Community Medicine & family Medicine, AIIMS, Jodhpur, 7th April 2016.

2. Workshop on “Literature Search in PubMed & Reference Management” organized by Department of Community Medicine & family Medicine, AIIMS, Jodhpur, 8th April 2016.
3. Workshop on “Introduction to Cochrane systematic reviews and meta-analysis” organized by Department of Pharmacology, AIIMS, Jodhpur, 20 August 2016.
4. Workshop on “Manuscript writing & publication ethics and research methodology”, organized by Research Cell, AIIMS, Jodhpur, 20th-21st September 2016.
5. TNAI 75th Biennial National Conference on “Nurses: A force for change: Improving health system resilience.” Jaipur, Rajasthan, 17-18th Oct 2016.
6. 69th Annual National Conference of Indian Psychiatric Society, Raipur, 5-8th Jan 2017.
7. Pre conference workshop on “Rediscovering effective communication in Public health related service, teaching & research-A hands on experience” at 61st annual national conference of Indian Public Health Association (IPHA) & First state conference of IPHA, Rajasthan Branch, Organized by Deptt of CMFM, AIIMS, Jodhpur, 23rd Feb 2017.
8. 61st annual national conference of Indian Public Health Association (IPHA) & First state conference of IPHA, Rajasthan Branch, Organized by Deptt of CMFM, AIIMS, Jodhpur, 24-26th Feb 2017.

Reviewer ship:

1. Manuscript reviewer, Nurse Education Today, Oct 2016.

Name of Faculty: Himanshu Vyas

Designation: Lecturer

Resource Faculty:

1. Hypertensive emergencies and urgencies, Nursing Scientific Session, 11th World Congress on Clinical, Preventive Cardiology and Imaging, 24th September 2016, Shantivan, Abu Road.

Research Projects (Completed):

➤ **As Co-Investigator**

1. Simulation Based Learning: Satisfaction and Self-confidence among Nursing students

➤ **As Investigator (Student project supervisor):**

1. Knowledge regarding dengue fever among residents of Village Dhawa, Jodhpur.

Examinerships:

1. Internal Examiner, B.Sc. (Hons.) Nursing III Year, College of Nursing, AIIMS, Jodhpur, July 2016

National/ International Conferences attended:

1. Introduction to Cochrane Systematic Review and Meta Analyses, Workshop, Organized by AIIMS and South Asian Cochrane Network, AIIMS, Jodhpur, 20th August 2016
2. Manuscript Writing & Publication Ethics and Research Methodology, organized by AIIMS, Jodhpur, 20-21 September 2016
3. 11th World Congress on Clinical, Preventive Cardiology and Imaging, Organized by WCCPCI, Shantivan, Abu Road, 24th September 2016.
4. Workshop on AFP and Measles Sensitization, AIIMS Jodhpur, 23/ 03/2017
5. International Nursing Conference on Current Advances in Nursing Science, Organized by Himalayan College of Nursing, Swami Rama Himalayan University, Dehradun, March 29- April 1, 2017.

Name of Faculty: Remiya Mohan

Designation: Lecturer

As Investigator (Student project supervisor):

1. Knowledge regarding immunization among mothers of under five children.

Examinerships:

1. B.Sc. (Hons.) Nursing 3rd Year Professional Supplementary Examination, External examiner. AIIMS, Raipur, College of Nursing, 09 November 2016]
2. B.Sc. (Hons.) Nursing 1st Year Professional Examination, Paper Setter, King George Medical University, Lucknow, August 2016
3. B.Sc. (Hons.) Nursing 3rd Year Professional Examination, External examiner, AIIMS, Raipur, College of Nursing, 20/07/2016 and 21/07/2016
4. B.Sc. (Hons.) Nursing 3rd Year Professional Examination, Paper Setter. AIIMS, Raipur, July 2016
5. B.Sc. (Hons.) Nursing 3rd Year Professional Examination, Internal Examiner, AIIMS, Jodhpur, July 2016

National/ International Conferences attended:

1. Introduction to Cochrane Systematic Reviews and Meta-analysis, AIIMS, Jodhpur & South Asian Cochrane Network, AIIMS, Jodhpur, 20 August 2016
2. Manuscript writing & publication ethics and Research Methodology. Research Cell AIIMS Jodhpur, AIIMS, Jodhpur, 20-21 September 2016
3. Pre conference workshop on “Rediscovering effective communication in Public health related service, teaching & research-A hands on experience” at 61st annual national

conference of Indian Public Health Association (IPHA) & First state conference of IPHA, Rajasthan Branch, Organized by Deptt of CMFM, AIIMS, Jodhpur, 23rd Feb 2017.

4. 61st Annual National Conference and First State Conference of IPHA Rajasthan. IPHA & AIIMS, Jodhpur, AIIMS Jodhpur, 24-26 February 2017
5. Workshop on AFP and Measles Sensitization, AIIMS Jodhpur, 23/ 03/2017

Name of Faculty: Vandna Pandey

Designation: Lecturer

As Investigator (Student project supervisor):

1. Knowledge regarding blood donation among general population attending PHC, Dhawa, Jodhpur.

Examinerships:

1. B.Sc. (Hons.) Nursing 1st Year Professional Examination, Paper Setter, King George Medical University, Lucknow, August 2016

National/ International Conferences attended:

1. Introduction to Cochrane Systematic Reviews and Meta-analysis, AIIMS, JODHPUR, 20 August 2016.
2. Manuscript writing & publication ethics and Research Methodology, Research cell, JODHPUR, 20-21 September 2016.
3. 25th Biennial National Conference, TNAI, JAIPUR, 18-19 October 2016
4. Pre conference workshop on “Rediscovering effective communication in Public health related service, teaching & research-A hands on experience” at 61st annual national conference of Indian Public Health Association (IPHA) & First state conference of IPHA, Rajasthan Branch, Organized by Deptt of CMFM, AIIMS, Jodhpur, 23 Feb 2017
5. 61st Annual National Conference and First State Conference of IPHA Rajasthan, AIIMS, JODHPUR, 24-26 February 2017.

Any other information:

1. Successfully completed AHA certified BLS for health care provider course and Advanced cardiovascular life support course in the Nov 2016.

Name of Faculty: Aashish Parihar

Designation: Lecturer

Sessions Chaired:

1. Common Mental Health Illness, Workshop on Community Mental Health & Illness; 12th Jan. 2017, Government College of Nursing, MDM Hospital Campus, Jodhpur (Raj.)

Resource Faculty:

1. CPR, "Cardiology Nursing Scientific Programme" in WCCPCI-2016, 24th Sep. 2016, Shantivan, Abu Road, Rajasthan.
2. To propagate mental health issues and stress therapy, Workshop on Community Mental Health & Illness; 12th Jan. 2017, Government College of Nursing, MDM Hospital Campus, Jodhpur (Raj.)

Research Projects (Completed):

As Co-Investigator

1. Nursing as career: Motivating factors for Nursing students of All Institute of Medical Sciences, Jodhpur, Rajasthan.
2. Stress and Coping Strategies among Nursing Students of All India Institute of Medical Sciences, Jodhpur, Rajasthan.

As Investigator (Student project supervisor):

1. Knowledge regarding prevention of needle stick injuries among B.Sc. (Hons.) Nursing students.

Examinerships:

1. Internal Practical Examiner for B.Sc. (Hons.) Nursing 3rd Year at College of Nursing, AIIMS, Jodhpur; Subject: Mental Health Nursing; Dates: 13th-14th Jul 2016.
2. External Practical Examiner for B.Sc. Nursing 3rd Year at Government College of Nursing, MDM Campus, Jodhpur; Subject: Mental Health Nursing; Dates: 25th-26th Nov. 2016.

National/ International Conferences attended:

1. Manuscript writing & publication ethics and Research Methodology, AIIMS, Jodhpur, 20th-21st Sep. 2016.
2. 11th World Congress on Clinical, Preventive Cardiology and Imaging (WCCPCI- 2016), Brahma Kumaris, Shantivan, Abu Road, Rajasthan, 22 to 25th September, 2016
3. Workshop on Community Mental Health & Illness; Government College of Nursing, MDM Hospital Campus, Jodhpur (Raj.), 12th Jan. 2017
4. Workshop on AFP and Measles Sensitization, AIIMS Jodhpur, 23/ 03/2017

Any other information:

1. Poster competition and General awareness programme (Role play) were organized On “World Mental health Day” dated 10th October 2016.

Name of Faculty: Joyce Joseph

Designation: Tutor/ Clinical Instructor (Nursing)

Publications:

Non-PubMed:

1. **Joseph J.** The need of nursing care plans in hospital. Indian Journal of Basic and Applied Medical Research 2017;6: 318-22
2. Mohanasundari S.K, **Joseph J**, Dara S. Level of Practice on Protein Rich Diet. Community and Public Health Nursing 2016; 1: 131-6
3. Mohanasundari S.K, **Joseph J**, Dara S. Child with Multiple Organ Dysfunction. Pediatrics Education and Research 2016; 4: 125-30

National/ International Conferences attended:

1. Workshop on AFP and Measles Sensitization, AIIMS Jodhpur, 23/ 03/2017
2. Hypertensive Disorders in Pregnancy. Department of Obstetrics and Gynaecology, UMAID hospital, 11/04/2017
3. PICC line insertion & vascular access workshop. Department of Paediatrics & Neonatology, UMAID Hospital, 16/04/2017

Name of Faculty: Mrs. Nancy Kurien

Designation: Tutor/ Clinical Instructor (Nursing)

Publications:

Non-PubMed:

Kurien N. Knowledge and attitude regarding eye donation. AJANR 2016;3, 85-8

National/ International Conferences attended:

1. Workshop on AFP and Measles Sensitization, AIIMS Jodhpur, 23/ 03/2017

Name of Faculty: Sanjay Sevak

Designation: Tutor/ Clinical Instructor (Nursing)

Publications:

Non-PubMed:

1. Lal S., Sevak S., Effectiveness of planned teaching program regarding Breast Self-Examination (BSE) among adolescent girls (14 to 18 years) in selected school of rural community.” International Research Journal of Human Resources and Social Sciences., February 2017, Vol. 4, Issue 2, p. 1-11.
2. Sharma M., Sevak. S., Depression and Elderly, Red Flower Publication Pvt Ltd. Journal of Nursing research. January - June 2016; Vol 1: p.17-20.

Name of Faculty: Neetu Tripathi

Designation: Tutor/ Clinical Instructor (Nursing)

Publications (Non PubMed):

1. Vijay V.R., **Neetu Tripathi**. Is Cervical, a concern to Women? A Cross Sectional Study. Journal and Nursing Science and Practice. 2016; 6(1):31-38.

Name of Faculty: Mr. Nipin Kalal

Designation: Tutor/ Clinical Instructor (Nursing)

Papers Presented:

1. Kalal N. HIV/AIDS. International conference on enrich, empower & embrace: Nursing;8th -10th Feb 2017, Bharati Vidhyapeeth college of nursing Pune.

National/ International Conferences attended:

1. International conference Enrich, Empower & Embrace: Nursing, Bharati Vidhyapeeth college of nursing, Pune, 8th Feb- 10th feb 2017

Name of Faculty: Vikas Choudhary

Designation: Tutor/ Clinical Instructor (Nursing)

Papers Presented:

1. Choudhary V. Clinical learning environment and evaluation for nursing students,20th Annual conference of nursing research society of India;21st-23rd October 2016, Pal college of Nursing and medical sciences, Haldwani.

Resource Faculty:

1. STEMI Management. 11th world congress on clinical, preventive cardiology and imaging (WCCPCI-2016) Abu Road Rajasthan

Name of Faculty: Raghu V A

Designation: Tutor/ Clinical Instructor (Nursing)

National/ International Conferences attended:

1. Workshop on AFP and Measles Sensitization, AIIMS Jodhpur, 23/ 03/2017
2. Hypertensive Disorders in Pregnancy. Department of Obstetrics and Gynaecology, UMAID hospital, 11/04/2017
3. PICC line insertion & vascular access workshop. Department of Paediatrics & Neonatology, UMAID Hospital, 16/04/2017

Name of Faculty: Arti

Designation: Tutor/ Clinical Instructor (Nursing)

Publications (Non-Pub med):

1. Arti. Assessment of Effectiveness of Structured Teaching Programme about HPV Infection and the Cervical Cancer on Knowledge, Perceptions and Preventive Behaviours of College Girls of Punjab: A Case Study of District Patiala. International Journal of Medical & Surgical Nursing. 2017; 1(1):7-12.

Name of Faculty: Mrs Sanjeeta Dara

Designation: Tutor/ Clinical Instructor (Nursing)

Publications (Non-PubMed):

1. Mohanasundari S.K, Joseph J, **Dara S.** Level of Practice on Protein Rich Diet. Community and Public Health Nursing 2016; 1: 131-6
2. Mohanasundari S.K, Joseph J, **Dara S.** Child with Multiple Organ Dysfunction. Pediatrics Education and Research 2016; 4: 125-30

National/ International Conferences attended:

1. Workshop on AFP and Measles Sensitization, AIIMS Jodhpur, 23/ 03/2017
2. Hypertensive Disorders in Pregnancy. Department of Obstetrics and Gynaecology, UMAID hospital, 11/04/2017
3. PICC line insertion & vascular access workshop. Department of Pediatrics & Neonatology, UMAID Hospital, 16/04/2017

Name of Faculty: S.K. Mohanasundari

Designation: Tutor/ Clinical Instructor (Nursing)

Publications:

1. **Mohanasundari SK.** A Study to Assess the Effectiveness of Structured-Teaching Programme on Stress-Reduction Techniques among Adolescent Girls Aged 15-18 Years Staying in a Selected Hostel at Chidambaram. IJPN 2017;5(1): 31-38
2. **Mohanasundari SK.** An Experimental Study to Evaluate the Effectiveness of Protein Diet Supplementation among Pre-School Children with Various Degree of Protein Energy Malnutrition at Selected Community in Mysore. IJPN 2017;5(1): 27-30
3. **Mohanasundari SK.** A Pre Experimental Study to Assess the Effectiveness of Structured Teaching Programme on Level of Awareness among Adolescent Girls Regarding Complications and Prevention of Stress in Selected Hostels at Tamil Nadu. IJPEN 2017;3(1): 39-46.
4. **Mohanasundari SK.** Batten Disease. IJPEN 2017; 3(1): 57-58
5. **Mohanasundari SK.** Acquired Tracheo Esophageal Fistula –A Clinical Case report. IJPEN 2017;3(1): 63-66.
6. **Mohanasundari SK.** Optic Nerve Glioma in Child: A Case Study. CPHN 2017;2(1): 83-88.
7. **Mohanasundari SK.** Adult onset Still disease. CPHN 2017;2(1): 79-82.

Book published:

1. Mohanasundari SK. An Entrance Guide for Nurses to succeed: 1st edition, Jalandhar, PV publication, 2017, 1-848.

Paper presented:

1. Mohanasundari SK, Standard warmer Protocol, CNE/Workshop on Newborn Nursing, 11th Mar 2017, Kanchi Kamakoti Child Trust Hospital, Chennai

Poster presented:

1. Mohanasundari SK, Use of Human Milk: Base of Human Life. CNE/Workshop on Newborn Nursing: CNE/Workshop on Newborn Nursin, 11th Mar 2017, Kanchi Kamakoti Child Trust Hospital, Chennai.

Membership/Post in Journal or Society or Association

1. Editorial board member; Red flower publication Pvt Ltd/International journal of practical Nursing)
2. Editorial board member; Red flower publication Pvt Ltd/International journal of paediatric Nursing)

National/ International Conferences attended:

1. Newborn Nursing Workshop. Kanchi Kamakoti child trust hospital, Chennai, 11th Mar 2017

2. Workshop on AFP and Measles Sensitization, AIIMS Jodhpur, 23/ 03/2017
3. PICC Line insertion & Vascular access Workshop, Department of Pediatrics & Neonatology, UMAID Hospital, Dr.S.N. Medical College, Jodhpur. 11th Apr 2017
4. Hypertensive disorder in Pregnancy, Department of Obstetrics & Gynecology, UMAID Hospital, Dr.S.N. Medical College, Jodhpur. 16th Apr 2017

Name of Faculty: Deviga T

Designation: Tutor/ Clinical Instructor (Nursing)

Publications (Non-Pub med):

1. **Deviga Thirunavukkarasu**, Navamani Hephzibah Kirubamani, Menda Balachandrarao Naidu. The Effect of Soy Flour Intake on Systemic Blood Pressure and Glycemic Control in Post-Menopausal Women with Pre-diabetes and Prehypertension. IJPER 2017; 51(2):349-354
2. **Deviga.T. N.** Hephzibah Kirubamani, M. Balachandrarao Naidu. Effect of soy flour on lipid profile in post-menopausal women. Int J Pharm Bio Sci. 2016; 7(3): (B) 1204 – 1209

Paper Presented:

1. Deviga. T. Effect of soy flour on lipo proteins in Post-menopausal women in post-menopausal women. Indian menopause society- Chennai chapter. 5-7th Aug 2016, Chennai.
2. Deviga T. Effect of soy flour intake on menopausal symptoms in post-menopausal women. 4th and 5th Jan 2017, Sri Ramachandra University, Chennai.

Papers & Poster Presented (Awarded):

1. Best paper presentation. Effect of soy flour intake on menopausal symptoms. Sri Ramachandra University, Chennai. 5th Jan 2017

National/ International Conferences attended:

1. Obesity and metabolic syndrome. Indian menopause society- Chennai, chapter. 5-7th Aug 2016
2. International conference for nurses. Sri Ramachandra University, Chennai, 4th and 5th Jan 2017.
3. Workshop on AFP and Measles Sensitization, AIIMS Jodhpur, 23/ 03/2017
4. Hypertensive Disorders in Pregnancy. Department of Obstetrics and Gynecology, UMAID hospital, 11/04/2017

Name of Faculty: N. Sabari Vel

Designation: Tutor/ Clinical Instructor (Nursing)

National/ International Conferences attended:

1. Workshop on AFP and Measles Sensitization, AIIMS Jodhpur, 23/ 03/2017

School of Public Health (SPH)

AIIMS Jodhpur has started School of Public Health (SPH) in January 2017. Currently it has started 2 years' full time course in Masters of Public Health (MPH).

The School of Public Health is managed by Committee on Educational Policy for MPH comprising of:

S. No.	Designation	Name
1.	Chairperson	Dr. Sanjeev Misra
2.	Academic Head	Dr. Kuldeep Singh
3.	Program Coordinator	Dr. Pankaj Bhardwaj
4.	Academic Advisor	Dr. Pankaja Raghav
		Dr. Praveen Sharma
		Dr. Surajit Ghatak
		Dr. Raj Rani
		Four Faculty Members nominated by the Chairperson

The session started on 23rd January 2017, with an intake of 15 students. After the written entrance examination and interview, 10 candidates were declared successful for the admission. Amongst 10 selected candidates, 9 has joined. The candidates represent varied backgrounds including MBBS, BDS, AYUSH, and Nursing. SPH is planned to have state-of-the-art methods and techniques of teaching, learning, and providing opportunities for hands-on field experience. Apart from the regular face to face teaching, students are connected to different learning modules of World Bank, University of Washington etc through MOODLE. The SPH has a vision of developing best quality public health professionals and deliver outstanding health care to all through evidence based public health practice.



MPH Students visiting Civil Society Organizations during their field based teaching



Field Base Training Session

Conferences at AIIMS

Department of Anaesthesiology

1. AHA Certified BLS and ACLS Course 18th-19th February 2017 at AIIMS Jodhpur
2. Nurses Training Programme on Oral Care and VAP Prevention on 10th February, 2017
3. AHA Certified BLS and ACLS Course 11th-13th November 2016 at AIIMS Jodhpur
4. Workshop on Vertebroplasty on 14th October, 2016



Dr. Nikhil Kothari interacting with delegates



Practical training to the delegates

Any other information:

1. AHA Certified BLS and ACLS Course 18th-19th February 2017 at AIIMS Jodhpur
2. AHA Certified BLS and ACLS Course 11th-13th November 2016 at AIIMS Jodhpur

First course was held from 11th to 13th November 2016 and 20 delegates attended both BLS and ACLS course. Second course was held on 18th and 19th February 2017. In it, 18 delegates attended BLS course only and 7 candidates attended combined BLS and ACLS course. AHA certified BLS and ACLS course is designed for healthcare providers. It is an interactive, self-paced, multidisciplinary course and it offers a full overview of resuscitation science. The course highlights guidelines & recommendations that are most significant or those that will result in changes in resuscitation practice and protocols. It also provides the rationale for the recommendations. This course allows healthcare professionals and Institutions the ability to adjust practices to complement the 2015 AHA guideline update for CPR. After completing this course, delegates will be able to identify a patient in Cardiac arrest state and will be trained to effectively resuscitate such patients.

Both the courses were coordinated by Dr. Shilpa Goyal and Dr. Nikhil Kothari



Delegates of Training Programme

3. Nurses Training Programme on Oral Care and VAP Prevention on 10th February, 2017: Coordinated by Dr.Nikhil Kothari and Dr. Sadik Mohammad
4. Workshop on Vertebroplasty on 14th October, 2016: On 14th October 2016 a half day workshop on interventional pain management consisting of live demonstration of vertebroplasty on a patient with compression fracture of L3 vertebral body followed by lecture was conducted. The guest faculty for the workshop was Dr. Pankaj N. Surange; Director of Interventional pain and spine center, Delhi. Dr. Manoj Kamal and Dr. Bharat Paliwal coordinated the workshop.



Faculties & Experts of the programme

Department of Anatomy

64th National Conference of Anatomical Society of India. (64th NATCON- 2016)

The 64th NATCON of Anatomical Society of India was organized by AIIMS, Jodhpur from 29th Nov, to 1st Dec, 2016. The conference was preceded with two pre conference CMEs cum Workshop on "Molecular Cytogenetics: the Emergence of a new field" and "Flow cytometry- Applications and Limitations" on 28th Nov 2016 . The CMEs were designed to explore research and clinical applications for the diagnosis and treatment of Cancer. The theme also gave an opportunity to discuss the future directions of the field of cancer in terms of diagnosis, interventions, research, and beyond. The participants of the CMEs were enlightened by six eminent faculty invited as guest speakers: Dr. Mayur Parihar (TMC, Kolkata), Dr. Kuldeep Singh (AIIMS Jodhpur), Dr Shilajit Bhattacharya (AIIMS Jodhpur), Dr Sudip Sen (AIIMS Delhi), Dr Abhishek Purohit (AIIMS Jodhpur) and Dr Pradeep Kumar of concerned field. Dr. Mayur Parihar from Tata Memorial Centre, Kolkata conducted Workshop on Cytogenetics and Dr. Sudip Sen from AIIMS Delhi conducted workshop on Flow cytometry. The audience freely interacted for better understanding. The programme included a pre and post CME assessment and participant feedback. The whole affair was the star attraction of the day.

Dignitaries on dias.





Inauguration of the exhibition by Chief Guest

The conference was inaugurated by Prof. CVR Murty Director, Indian Institute of Technology, Jodhpur on 29th November 2016 at 10:30 am. The conference souvenir was also released by the Chief guest. The first day of the conference was devoted to Orations, Award paper presentations, Guest Lecture and scientific sessions. Dr. Shamer Singh Memorial Oration was delivered by Dr Mandvi Singh: on "Why a child is born abnormal". Four papers were presented in the award session and 2 award posters were also displayed. The session saw the presence of around 800 delegates that include eminent faculty as well as postgraduates from all over India and abroad. The conference boasted of 257 oral presentation and 171 posters. In addition to the oral papers presented by various speakers both National and International, 5 Guest Lectures were also delivered by eminent speakers: Dr Michael Anthony Hodges (Australia), Dr , Sreenivasulu Reddy Mogli (Singapore), Dr Lalit. Singh, Dr Abhay Elhence (AIIMS Jodhpur) and Mukesh Jain. Editorial Board meeting of the journal of the Anatomical society of India was held on 28 Nov at 0500PM where issues related to the publication of the journal and its annual budget was discussed and approved. This was followed by the Executive committee meeting of the Society held at 0630PM on 28 Nov 2016 where matters related to the functioning of the society were deliberated and conceded. General Body meeting was held on 30th November, 2016 at 5.00 pm in the Auditorium. All the delegates participated in the discussions and the deliberations to come up with valuable suggestions and budget of the society was voted for. The programme was closed with the valedictory function held on 1st December, 2016 at 11:00 am. The function was addressed by many members. All the members thanked the organizing committee for providing comfortable stay and for a flawless organization as well as a top-quality scientific feast.



Lighting the lamp



Registration in Progress

Department of Biochemistry



Director, AIIMS, Jodhpur welcoming Dr. Gustavo Zubieta

Lecture by Dr. Gustavo Zubieta





ISO 15189-2012
CXLIX Internal Auditor & Quality Management Systems Certificate Course
Foundation for Quality (INDIA)
Venue: All India Institute of Medical Sciences, Jodhpur
Date: 02nd to 5th Aug, 2016



Internal auditor and quality management systems certificate course.



Interaction with participants

Department of Cardiology

The Department of Cardiology has organized a successful public lecture “**Power your Life: Love your Heart**” and panel discussion on 29th Sep 2016 on the occasion of World Heart Day. It was attended by more than 100 audiences and were made aware about various heart disease and its management. Poster competition was also organized on the day and top three winners were awarded. (Photographs attached)

Eminent Visitors: Dr Ranjit Kumar Nath, Professor, PGIMER Dr RML Hospital, New Delhi
Signature of HOD



Programme in Progress

Department of Community Medicine and Family Medicine

For enhancement of the knowledge of the UG/PG and others, the department organizes various academic activities like under graduate and post graduate quiz competition, workshops and conference.

Organized World Health Day National level IAPSM Quiz Competition for MBBS Students on 7th April 2016

Organized, 3rd National Intercollege Quiz competition for post graduate medical students on 7th April 2016

A workshop was organized on "RABIES VACCINATION" at AIIMS, Jodhpur 20th April 2016.



Workshop in Progress



Gathering at Wokshop

national seminar was organized on “OCCUPATIONAL HEALTH “on 7th and 8th July2016.



Lighting the Lamp

A “” School Level Quiz IPHACON2017”was organized at AIIMS, Jodhpur on 27th Jan 2017.



Lighting the Lamp by Chief Guest



Delegates at Dias

Department of Otorhinolaryngology

The department was actively involved in organizing the conference “NMOCON 2017” from 10th Feb 2017 to 12th Feb 2017. The department of Community Medicine and Family Medicine organized 61st annual national conference of Indian Public Health Association (IPHA) from 24th to 26th Feb 2017 at AIIMS, Jodhpur.

1. Hands-on Cadaver Dissection cum Live Surgical Workshop on Anterior and Lateral Skull Base Surgery was organized by the Department in August 2016. There were about 100 delegates attending the workshop with international participation also. Many eminent faculties were there to share the knowledge and train the delegates. Good quality Cadavers with innovative soft embalming technique were given to the delegates for hands-on dissection, along with latest equipments and instruments.
The most prominent part of the workshop was a worldwide live full HD telecast of the live complex surgeries with two way communication. It was arranged by NIC and has proven to be a very successful attempt. All over the world, hundreds of surgeons watched the surgeries and interacted with us. ICMR and RMC have also endorsed and accredited the workshop.
2. A half day Hands-on workshop on early detection of pediatric hearing loss was organized during Annual Conference of Indian Public Health Association in February 2017. There were many didactic lectures along with hands-on training with sophisticated equipments used for diagnosing pediatric hearing loss.
About 20 delegates were sensitized for the needs and protocols of universal hearing screening of newborns and early detection of pediatric hearing loss.



Hands on training



Practical training



Live Presentation during the workshop



Inaguration during the workshop

Department of Microbiology

1st Rajasthan Chapter of Indian Academy of Tropical Parasitology (IATP)

- The 1st Rajasthan Chapter of Indian Academy of Tropical Parasitology (IATP) was organized by Department of Microbiology at AIIMS Jodhpur on 2nd and 3rd September 2016. The Theme of the conference was - "Current trends in Parasitology: Clinical, Diagnostic and Management Challenges. It was an academic fiesta with 5 different sessions in which 12 eminent speakers gave enlightening lectures covering vast spectrum of topics related to the theme of the conference. In addition to wonderful lectures, two important panel discussions were also conducted during the conference. During these two days, various competitions for undergraduate and post graduate students viz. quiz, oral paper & poster presentation were conducted. A token of gift was presented for appreciation to all distinguished speakers, chairpersons & panelists. The conference concluded with a valedictory function in which awards were presented to the winners of various competitions.



Experts of the Workshop



Dignitaries on Dias



Participants & Students at workshop



Certificate distribution during workshop

Department of Obstetrics and Gynecology

11th National Conference of Indian Society of Colposcopy and Cervical Pathology – 2nd & 3rd April 2016:

Department of Obstetrics & Gynecology organised the 11th National conference of ISCCP on 2nd & 3rd April 2016 at AIIMS Jodhpur. Dr Pratibha Singh was the Organising Chairperson and Dr Shashank Shekhar was the organising secretary for the conference.

The conference was inaugurated on 2nd of April by the chief Guest was Dr Walter Prendiville. Director AIIMS Jodhpur Dr S Misra, President ISCCP Dr G Gandhi, and the members of organising team were present at the dais. Many national and International experts in the field of Colposcopy and cervical Pathology , gave lecture and participated in panel discussion in the conference and shared their views; few among them were – De Adeola Olaitan –A renowned gyne oncologist from UK, Dr Christine Burgeon ,Dr R Mehrotra- Director ICPO, Delhi; Dr N Bhatla – professor AIIMS Delhi, Dr G Gandhi – president ISCCP, Dr S Batra- Retd prof MAMC, Dr V Zutshi- Senior consultant Safdarjanj hospital, Dr A Maheshwari- Professor Tata Memorial Hospital, Dr P Abraham , Dr M Arora, Dr R Mehrotra, Dr H Sinha, Dr Pushpalatha, Dr U Singh, Dr N Parwate, Dr J Selvam and many more from all parts of India. The President of IFCCP, Dr.Walter Prendiville, was present throughout the conference and had interactive discussion with the delegates and the faculty.

Many aspects related to cancer screening, epidemiology, early detection and management of precancerous lesions were deliberated. Treatment and newer management options of cancer cervix was also discussed.

This conference was spread over 2 days, with a colposcopic workshop on 2nd April 2016 where delegates enjoyed the live and interactive relay of the cases and their appropriate interpretation and management

The conference had a session on Free papers and poster presentation in which young gynecologists presented their research. Winners were given certificates and prizes. Quiz for the post graduates was well attended and, enthusiastic participation from the audience made it more interesting and enjoyable. Winning team of the quiz were also given prizes and certificates.

The attendance at the conference was 200. There was an overwhelming response to this annual conference and in the valedictory function the efforts by the organizing team were appreciated and acknowledged



LOGO of ISCCP made in Rangoli by students of AIIMS Jodhpur.



Lamp lighting by the dignitaries and members of organizing team



Inauguration of conference



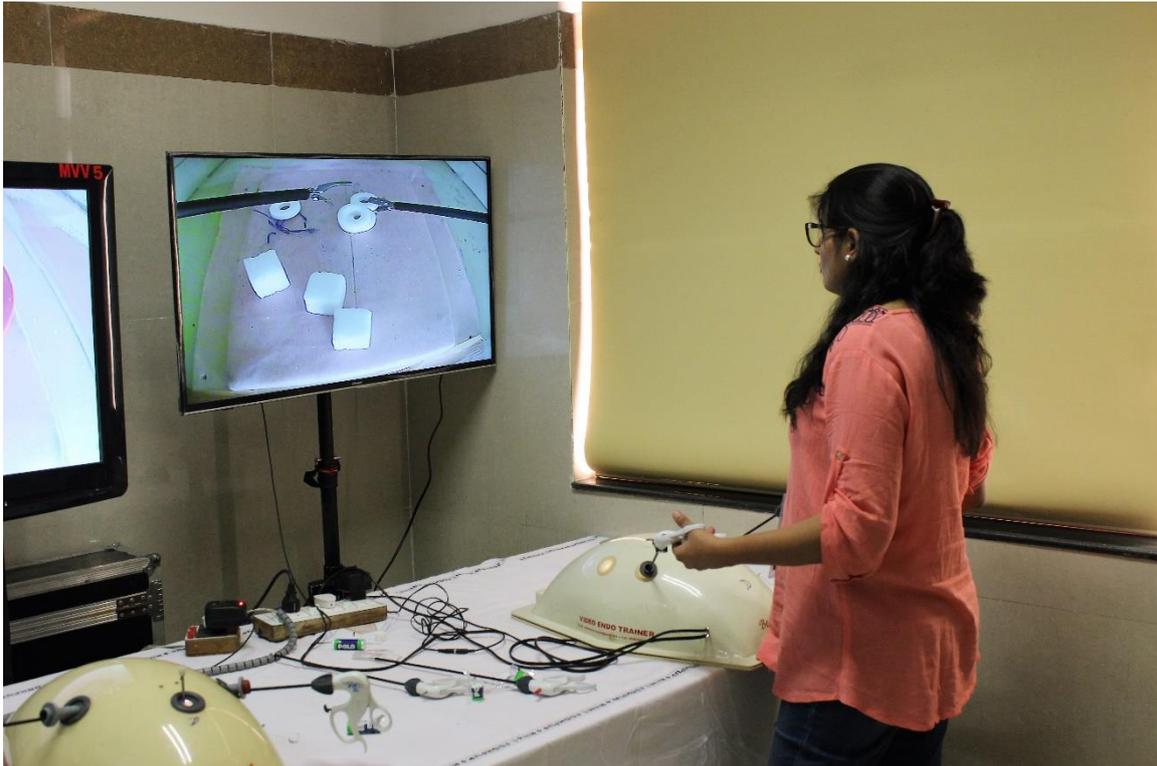
Felicitation of Dr Walter Prendiville- President of International Federation of Colposcopy and Cervical Pathology by Director AIIMS Jodhpur

1st Certificate Course in Basic Laparoscopic Gynecologic Surgery.**Conducted on 21-23rd Feb.2017**

Department of Obstetrics & Gynecology organised its first Certificate Course in Basic Laparoscopic Gynecologic Surgery from 21st to 23rd February 2017. The intent of course was to make gynaecological surgeons conversant with the basic laparoscopic skills in the field of gynecology. A batch of 12 delegates attended the workshop from various parts of India. Highlights of the course were; Didactic lectures, Live Surgeries and Hands on training on endotainers and Laparoscopic Simulator.

On the inaugural day didactic lectures were taken in the morning session covering various topics such as scope and indications of laparoscopy in gynecology, instruments and equipments used, safe intraperitoneal entry and various energy resources used etc by Faculty members of the department of Obstetrics & Gynecology and General Surgery. Afternoon session was intended to give hands on experience on nuances of laparoscopy, in particular adaptation to 2D vision, perception of depth and hand eye co-ordination and intracorporeal suturing.

During the pre-lunch session of Day 2 & 3, delegates (in batches) were taken to OT surgeries were demonstrate, simultaneously live relay of surgeries to the venue of course was also done. Three total laparoscopic hysterectomies and one laparoscopic cystectomy was performed by the faculty of Department of Obstetrics & Gynecology during these two days with step by step demonstration and commentary to the delegates including tips and tricks to do these surgeries safely and successfully. Laparoscopic equipment and instruments were demonstrated to the delegates in operation theatre complex detailing their assembly and functions. Evening session on last two days were dedicated to practice session on endotainers and Simulator. Laparoscopic Simulator was a huge hit not just with delegates but residents of the obstetrics & gynecology, where each and every candidate successfully completed the total laparoscopic hysterectomy. We also displayed videos of our previously performed advanced laparoscopic surgeries such as Laparoscopic Davydov's procedure, Laparoscopic radical hysterectomy and Laparoscopic Sacrocolpopexy etc., which were explained in detail during the workshop such that the trainees could develop an insight for such surgeries. On course completion, Prof. Sanjiv Misra, Director AIIMS Jodhpur awarded course certificate along with pen drive containing all didactic lectures and videos of the surgeries to all the participants.



Practice on Endotrainer by delegate



Hystrectomy on Simulator by participants



Certificate distribution by Director AIIMS Jodhpur to the participant



Participants- delegates and faculty with Director AIIMS Jodhpur

Department of Radiodiagnosis

Neuroimaging and Interventions

The department organized a CME on “Neuroimaging and Interventions” on 3rd July 2016 with guest speakers being Dr. Shyamkumar NK, Head, Department of Radiology, Christian Medical College, Vellore , Dr. S.N. Mathuriya, Consultant Neurosurgeon, Medipulse Hospital, Jodhpur and Dr.amita Bhargava,Professor,Department of Neurology,S.N. Medical College,Jodhpur

The CME focussed on various aspects of Neurointerventions including aneurysm coiling, AV malformation embolization and stroke imaging with interventions. A hands on training simulator was also made available to the participants for practicing the skills of neuro interventions.

CME saw a sizeable participation of Neurologists and Neurosurgeons of Jodhpur, Faculty members, residents and medical students of of AIIMS and Dr S N medical college.



CME in Progress

NAMS CME on Interventional Radiology

The department was involved in organizing a tele conference and workshop on interventional radiology in association with National Academy of Medical Sciences (NAMS), New Delhi on 5th Feb 2017. There was a healthy participation from the faculty members, Departments of Radiodiagnosis of AIIMS Jodhpur and S.N. Medical College, post graduate students (Radiology), S.N. Medical College and Intern students from AIIMS Jodhpur.



Workshop in progress

Department of Pulmonary Medicine

Workshop on Interstitial Lung Disease

Department of Pulmonary Medicine organized a workshop on Interstitial Lung Disease (ILD) on 29th Jan 2017. As a part of this activity the department of Radio diagnosis held case based discussions along with hands on exposure to the nuances of High resolution CT of the lung for the participants.



Workshop in Progress

National Conference of Indian Association of Surgical Oncology, 2016

The 30th Annual National Conference of Indian Association of Surgical Oncology was held Jodhpur from 22nd to 25th September, 2016. The Theme of the conference was “Technology to Reality”. Suncity Oncology Society in association with the All India Institute of Medical Sciences hosted the conference. Prof Sanjeev Misra was the Organizing Chairman for the 30th NATCON IASO 2016.

The preconference workshop was organized in the All India Institute of Medical Sciences, Jodhpur on 22nd of Sep. First session “How to write a manuscript and get it published” was very elaborately conducted by Arun Chaturvedi and David Rew for 4 hours and was attended by around 100 delegates. It was followed by hands on training of Stapling techniques and MIS modules. The last session was Leadership in Oncology conducted by Dr. Harit Chaturvedi.

The 30th NATCON IASO, lasted for two and half days The scientific program comprised of generous mix of orations, master videos, research presentations, panel discussions, debates, symposia, poster and oral presentation. The conference witnessed the presence of eminent surgical oncologists of the country as well as from abroad, including current and past presidents of the SSO. It was well attended by other specialist too viz medical & radiation oncologist, general surgeons, gynecologist, ENT specialist, pathologist, radiologist and orthopedics.

Highlights of the conference were Symposia on Robotics and HIPEC and panel discussion on “Standardization in Surgical Oncology Training and Curriculum in India”. The master video as well as free video sessions were very well attended. The enthusiasm of young oncologist was reflected in the huge no of submitted abstracts which was 219 to be precise, out of which few were selected for oral presentation. Winners of the oral as well as video presentations were given cash awards.



Dignitaries on the dias



Panel Discussion

Medical Technology Innovation Workshop “From Ideas to Product” on 12th Feb 2017

In an effort to encourage, enlighten, enable young medical graduates in the area of medical technology, AIIMS Jodhpur brought together all interested parties (AIIMS, IIT & DRDO Jodhpur). Medical Technology Innovation Workshop was organized at AIIMS Jodhpur on 12th Feb 2017. Students from all the institute (AIIMS, IIT & DRDO Jodhpur) participated with enormous interest & zeal. There were ten teams which consist of at least one person from medical side (MBBS) and one engineer. There were six members per team. Every team was assigned a task of developing prototype of relevant medical problem. Each team was given 3 hours for group activity (for discussion, searching through Internet, bring in novel idea & possibly formulate prototype). Each team was allowed to present its idea in front of a panel of experts (15 minutes). The best three teams were given medals with an assurance of providing Intramural funding to best three teams if they consolidate their ideas and submit proposals to Institutional Ethics Committee. It was one of the best workshop AIIMS Jodhpur has witnessed till date as the kind of team work and enthusiasm shown by each team was exceptional.



The Organizing Committee

Construction and Development at AIIMS

Construction Works at AIIMS, Jodhpur

The construction works at AIIMS, Jodhpur are being done in different four packages I to IV. The tenders for all the construction work 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.

Allotment of Land:

67 acres of land has been allotted to the Institute for expansion.

Construction work were in progress as on 31st March 2017.

Contractors for Civil Works packages:-

Package	Name of Agency/Contractor	Nature of work	Contract Amount (Rs. In Crore)	Date of Commencement	Original Date of Completion	Progress upto 31 st March 2017
I	M/s Consolidated Construction Consortium Ltd.	Medical College Complex Buildings	66.39	30.05.2010	29.08.2011	99.40%
II	M/s L & T Ltd.	Hospital Complex Buildings	217.09	16.09.2010	15.09.2012	94.63%
III	M/s SudhirGensets Ltd.	Electrical Services	43.38	19.08.2011	18.12.2012	99.91%
IV	M/s Jatan Construction Pvt. Ltd.	Estate Services	51.84	04.07.2012	03.07.2013	99.97 %

DDPR Consultants - M/s Mathur & Kapre Associates Pvt. Ltd.

Project Consultants - M/s HLL INFRA TECH SERVICES LTD. from April'2016

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 (SQM)
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 (SQM)
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 Hostelshad been completed byM/s RSRDC

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



Constructions at AIIMS, Jodhpur



Guest House



Faculty Accommodation



OPD Block entrance



OPD Block



Medical College Block



Medical College Block entrance



Auditorium



Auditorium (inside view)

Audited Annual Accounts



**ALL INDIA INSTITUTE OF MEDICAL SCIENCES,
JODHPUR**

**Financial Statements for the Financial Year
2016-17**

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR**BALANCE SHEET AS AT 31st MARCH 2017**

(Amount - Rs.)

S.No.	PARTICULARS	SCHEDULE	Current Year	Previous Year
	<u>CORPUS / CAPITAL FUND AND LIABILITIES</u>			
a)	CORPUS / CAPITAL FUND	1	382,732,444	263,208,663
b)	RESERVES AND SURPLUS	2	-	-
c)	EARMARKED / ENDOWMENT FUNDS	3	2,273,226,689	2,311,570,483
d)	SECURED LOANS AND BORROWINGS	4	-	-
e)	UNSECURED LOANS AND BORROWINGS	5	-	-
f)	DEFERRED CREDIT LIABILITIES	6	-	-
g)	CURRENT LIABILITIES AND PROVISIONS	7	1,086,992,275	452,567,243
	TOTAL		3,742,951,408	3,027,346,389
	<u>ASSETS</u>			
a)	FIXED ASSETS	8	934,097,720	873,476,743
b)	INVESTMENTS	9	-	-
c)	INVESTMENTS - OTHERS	10	1,810,000,000	1,404,000,000
d)	CURRENT ASSETS, LOANS, ADVANCES ETC.	11	998,853,688	749,869,646
e)	MISCELLANEOUS EXPENDITURE (to the extent not written off for adjusted)		-	-
	TOTAL		3,742,951,408	3,027,346,389
	SIGNIFICANT ACCOUNTING POLICIES	24		
	CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS	25		

For and on behalf of All India Institute of Medical Sciences, Jodhpur

Anant Prakash
Financial AdvisorDr. Sanjeev Misra
Director

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR
RECEIPTS AND PAYMENTS ACCOUNT FOR THE YEAR ENDED 31st MARCH 2017

		(Amount - Rs.)			
RECEIPTS	Current Year	Previous Year	PAYMENTS	Current year	Previous year
I. Opening Balances			I. Expenses		
a) Cash in hand	30,478	8,502	a) Establishment Expenses (corresponding to Sch.20)	585,888,524	419,789,997
b) Bank Balances	398,958,234	48,583,287	b) Administrative Expenses (corresponding to Sch.21)	229,441,568	192,593,520
II. Grants in Aid Received			II. Investments and deposits made		
a) From Government of India			Fixed Deposit	406,000,000	873,000,000
For Capital	100,000,000	1,320,000,000	(Investments - others)		
For Salary	800,000,000	470,000,000			
For General	650,000,000	410,000,000			
III. Interest Received			III. Expenditure on Fixed Assets		
a) On Bank Deposits	80,013,537	17,255,108	Purchase of Fixed Assets	224,686,779	238,148,329
IV. Other Income (Specify)			IV. Advances		
a) MBBS Fee	698,484	630,388	a) Faculty	60,000	100,000
b) Nursing Fee	150,745	156,940	b) National informatics centre	4,840	520,097
c) Blood Bank Receipts	4,162,150	2,374,000	c) Security with JVVNL		-
d) IPD Collection	19,417,443	2,948,890	e) Advance given to HLL/Vendors	435,193,846	200,000,000
e) Registration Fees	3,549,685	3,186,370	f) Research Cell	5,099,824	2,188,500
f) Consultancy Fees	2,174,335	1,471,750	g) CPWD	23,646,743	1,000,000
g) Lab Testing Fees	28,068,085	17,783,995	h) Security for Gas Connection	-	17,000
h) Fees for PG	31,340	-			
i) Fees for MPH Course	315,000	-			
V. Amount Borrowed/ Advance			V. Other Payments (Specify)		
a) Security & EMD of Tenders	14,719,074	14,328,961	a) Security & EMD of Tenders		-
b) Advances for Treatment	2,896,447	4,595,901	b) Patient Treatment		-
c) Caution Money & Hostel Security	212,700	210,400	c) Duties and Taxes		1,298,465
			d) Mess Payment	16,080,987	
			e) Others	2,261,650	
VI. Any other receipts			VI. Closing Balances		
a) Tender receipts	1,022,000	376,000	a) Cash in hand	15,851	30,478
b) Application Money for Recruitment	8,984,633	871,613	b) Bank Balances	189,581,960	398,958,234
c) Mess receipts (Net)	-	9,308,247			
d) Other	2,558,202	3,554,268			
TOTAL	2,117,962,572	2,327,644,620	TOTAL	2,117,962,572	2,327,644,620

For and on behalf of All India Institute of Medical Sciences, Jodhpur

Anant Prakash

Anant Prakash
Financial Advisor

Dr. Sanjeev Misra

Dr. Sanjeev Misra
Director

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR**INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31st MARCH 2017**

		(Amount - Rs.)		
INCOME		Schedule	Current Year	Previous Year
Income from Sales / Services		12	57,325,829	10,342,780
Grants / Subsidies		13	822,507,642	454,306,904
Fees / Subscriptions		14	1,195,569	17,209,837
Income from Investments		15	-	-
Income from Royalty, Publication etc.		16	-	-
Interest Earned		17	57,213,445	49,024,194
Other Income		18	142,132,732	56,857,107
Increase / (decrease) in stock of Finished goods and works-in-progress		19	-	-
TOTAL (A)			1,080,375,217	587,740,822
EXPENDITURE				
Establishment Expenses		20	593,188,530	337,353,249
Other Administrative Expenses etc.		21	229,319,112	132,124,127
Expenditure on Grants, Subsidies etc.		22	-	-
Interest		23	-	-
Depreciation (Net Total at the year end - corresponding to Schedule 8)			138,343,794	53,528,317
TOTAL (B)			960,851,436	523,005,693
Balance being excess of Income over Expenditure (A - B)			119,523,781	64,735,129
Transfer to Special Reserve (Specify each)			-	-
Transfer to / from General Reserve			-	-
BALANCE BEING SURPLUS/ (DEFICIT) CARRIED TO CORPUS / CAPITAL FUND			119,523,781	64,735,129

For and on behalf of All India Institute of Medical Sciences, Jodhpur


Anant Prakash
Financial Advisor

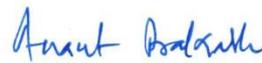
Dr. Sanjeev Misra
Director

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR**SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31st MARCH 2017**

(Amount - Rs.)		
SCHEDULE 1 - CORPUS / CAPITAL FUND :	Current Year	Previous Year
Balance as at the beginning of the year	263,208,663	97078148
Add: Contribution towards Corpus / Capital Fund		
Add / (Deduct) : Balance of net income / (expenditure) transferred from Income and Expenditure Account	119,523,781	152397423
Add: Adjustment of Previous Year		13733092
BALANCE AS AT THE YEAR - END	382,732,444	263,208,663

(Amount - Rs.)				
SCHEDULE 2 - RESERVES AND SURPLUS	Current Year		Previous Year	
1. Capital Reserve:				
As per last Account	-		-	
Addition during the year	-		-	
Less : Deductions during the year	-		-	
2. Revaluation Reserve:				
As per last Account	-		-	
Addition during the year	-		-	
Less : Deductions during the year	-		-	
3. Special Reserves :				
As per last Account	-		-	
Addition during the year	-		-	
Less : Deductions during the year	-		-	
4. 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


Anant Prakash
Financial Advisor

Dr. Sanjeev Misra
Director

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR**SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31st MARCH 2017**

	SCHEDULE 3 - EARMARKED / ENDOWMENT FUNDS						FUND-WISE BREAK UP				TOTAL	
	Deferred Income for Capital Assets		Grant Received for Capital Assets		Grant Received in Kind		Current Year		Previous Year		(Amount - Rs.)	
	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												
b) Additions to the Funds:												
i) Donations / grants	873,476,742	295,885,233	1,438,093,741	392,927,322	-	-	2,311,570,483	688,812,555				
ii) Income from investments made on account of funds	-	-	100,000,000	1,320,000,000	-	-	100,000,000	1,762,728,362				
iii) Other additions	198,964,771	717,561,943	-	-	-	-	198,964,771	717,561,943				
iv) Fund Received												
TOTAL (a + b)	1,072,441,513	1,013,447,176	1,538,093,741	1,712,927,322	-	-	2,610,535,254	3,189,102,860				
c) Utilisation / Expenditure towards objectives of funds												
i) Capital Expenditure												
- Fixed Assets												
- Others			198,964,771	274,833,581	-	-	198,964,771	717,561,943				
Total			198,964,771	274,833,581	-	-	198,964,771	717,561,943				
ii) Revenue Expenditure												
- Salaries, Wages and allowances etc.												
- Rent												
- Other For Depreciation adjustment												
Total	138,343,794	139,970,434	138,343,794	139,970,434	-	-	138,343,794	139,970,434				
TOTAL (c)	138,343,794	139,970,434	138,343,794	139,970,434	-	-	138,343,794	139,970,434				
NET BALANCE AS AT THE YEAR END (a + b - c)	934,097,719	873,476,742	1,399,128,970	1,438,093,741	-	-	2,273,226,689	2,311,570,483				

For and on behalf of All India Institute of Medical Sciences, Jodhpur

Anant Prakash
Financial Advisor

Dr. Sanjeev Misra
Director

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR**SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31st MARCH 2017**

		(Amount - Rs.)			
SCHEDULE 4 - SECURED LOANS AND BORROWINGS :		Current Year		Previous Year	
1. Central Government		-	-	-	-
2. State Government (Specify)		-	-	-	-
3. Financial Institutions		-	-	-	-
a) Term Loans					
b) Interest accrued and due					
4. Banks:					
a) Term Loans		-	-	-	-
- Interest accrued and due					
b) Other Loans (specify)		-	-	-	-
- Interest accrued and due					
5. Other Institutions and Agencies		-	-	-	-
6. Debentures and Bonds		-	-	-	-
7. Others (specify)		-	-	-	-
TOTAL		-	-	-	-

		(Amount - Rs.)	
SCHEDULE 5 - UNSECURED LOANS AND BORROWINGS		Current Year	Previous Year
1. Central Government		-	-
2. State Government (specify)		-	-
3. Financial Institutions		-	-
4. Banks:		-	-
a) Term Loans		-	-
b) Other loans (specify)		-	-
5. Other Institutions and Agencies		-	-
6. Debentures and Bonds		-	-
7. Fixed Deposits		-	-
8. 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


Anant Prakash
Financial Advisor

Dr. Sanjeev Misra
Director

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR

SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31st MARCH 2017

(Amount - Rs.)

SCHEDULE - 7 CURRENT LIABILITIES AND PROVISIONS	Current Year		Previous Year	
A. CURRENT LIABILITIES				
1. Acceptances	-		-	
2. Sundry Creditors				
a) Consolidated Consortium Limited			1,608,240	
b) Sudhir Gensets Limited			1,500,000	3,108,240
3. Advances Received	45,869	45,869	-	
4. Interest Accrued but not due on:				
a) Secured Loans/Borrowings	-		-	
b) Unsecured Loans/Borrowings	-		-	
5. Statutory liabilities:				
a) Overdue	-		-	
b) NPS Payable	-		-	
c) TDS on Contract / Non Salary	-		-	
d) TDS on Salary	-		-	
e) Pension Scheme	-		-	
6. Other Current Liabilities				
a) EMD Deposits of Various Tenders	43,276,979		25,449,665	
b) Unspent Grant in Aid payable to Central Government				
i) Under Salary Head	650,860,050		257,717,303	
ii) Under General Head	333,017,132		98,667,521	
c) Hostel Fees (Refundable)	770,000		583,000	
d) Caution Money (Refundable)	87,800		62,100	
e) Unearned Mess Fees	-		15,773,127	
f) Receipts for Patients Treatment from CMO/PMO/Others	8,244,225		5,707,901	
g) Application Fee for				
i) Faculty Recruitment	35,898		12,929	
ii) Staff Recruitment	21,298,781		9,614,261	
h) Others	877,003	1,058,467,868	2,294,750	415,882,557
TOTAL (A)		1,058,513,737		418,990,797
B. PROVISIONS				
1. For Taxation				
2. Others				
a) Electricity Expenses	4,775,887		4,270,872	
b) Water Expenses	104,399		170,095	
c) Telephone Expenses	160,000		125,000	
d) Transport Expenses	1,207,510		1,207,510	
e) Manpower Services	14,006,830		8,137,801	
f) Security Services	5,244,845		3,813,868	
g) Repair & Maintenance	1,785,218		1,956,506	
h) Washing Expenses	347,304		82,245	
i) Provision for Furniture	846,545		846,545	
j) Provision for HVAC O&M Pk.- II	-		4,900,000	
k) Provision for Estate Services Pk - IV	-		8,066,004	
		28,478,538		33,576,446
TOTAL (B)		28,478,538		33,576,446
TOTAL (A + B)		1,086,992,275		452,567,243

For and on behalf of All India Institute of Medical Sciences, Jodhpur


Anant Prakash
Financial Advisor


Dr. Sanjeev Misra
Director

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31st MARCH 2017
SCHEDULE 8 - FIXED ASSETS

DESCRIPTION	Depreciation Rate	GROSS BLOCK					DEPRECIATION					NET BLOCK	
		Cost / valuation as at the beginning of the year	Additions during the year (Before 30th sep)	Additions during the year (After 30th sep)	Deductions during the year	Cost / valuation at the year-end	On Additions during the year (Before 30th sep)	On Additions during the year (After 30th sep)	On Deductions during the year	On Balance as on 1.4.16	Total up to the year-end	As at the current year-end	As at the previous year-end
FIXED ASSETS													
LAND (Leasehold Land)		1		69		69				70			
BUILDINGS	15.00%	600,579,175	76,068,347	27,266,479		103,334,826				703,914,001	11,410,252	2,044,686	
PLANT MACHINERY & EQUIPMENT	40.00%	44,354,738								44,354,738			
VEHICLES													
FURNITURE FIXTURES	10.00%	136,206,304	24,347,360	8,376,307		32,722,667				170,928,971	2,434,736	418,765	
OFFICE EQUIPMENT	15.00%	20,881,369	8,953,510	2,031,175		10,984,685				31,966,054	1,343,027	152,338	
SCIENTIFIC EQUIPMENTS	15.00%	10,608,949	3,971,477	11,754,683		15,726,160				26,335,109	595,722	881,601	
COMPUTER / PERIPHERALS	60.00%	70,083,039	5,263,646	5,658,683		10,922,329				81,005,368	3,158,188	1,697,605	
ELECTRIC INSTALLATIONS													
LIBRARY BOOKS	100.00%	17,985,275	3,415,370	3,195,336		6,610,706				24,585,981	3,415,370	1,597,668	
OTHER FIXED ASSETS													
TOTAL OF CURRENT YEAR													
PREVIOUS YEAR		902,798,649	122,019,710	56,281,732		180,301,442				1,083,100,282	22,357,294	6,792,964	29,150,251
		378,476,270	460,807,781	63,415,799		524,323,960				902,798,250	75,131,744	5,032,840	81,184,623
CAPITAL WORK-IN-PROGRESS													
TOTAL		193,238,363	29,866,375	59,475,032		89,345,467				211,901,692			28,150,251
		193,238,363	151,886,085	117,760,824		269,646,909				1,295,001,984			211,901,692
										109,193,543	360,804,265	873,476,743	873,476,743

For and on behalf of All India Institute of Medical Sciences, Jodhpur

Anant Prakash
Financial Advisor

Dr. Sanjeev Misra
Director

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR

SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31st MARCH 2017

(Amount - Rs.)

SCHEDULE 9 - INVESTMENTS FROM EARMARKED/ENDOWMENT FUNDS	Current Year	Previous Year
1. In Government Securities	-	-
2. Other approved Securities	-	-
3. Shares	-	-
4. Debentures and Bonds	-	-
5. Subsidiaries and Joint Ventures	-	-
6. Others to be specified	-	-
TOTAL	-	-

(Amount - Rs.)

SCHEDULE 10 - INVESTMENTS - OTHERS	Current Year	Previous Year
1. In Government Securities	-	-
2. Other approved Securities	-	-
3. Shares	-	-
4. Debentures and Bonds	-	-
5. Subsidiaries and Joint Ventures	-	-
6. Fixed Deposit Receipts with Bank of Baroda, Jodhpur	1,810,000,000	1,404,000,000
TOTAL	1,810,000,000	1,404,000,000

(Amount - Rs.)

SCHEDULE 11 - CURRENT ASSETS, LOANS AND ADVANCES ETC.	Current Year	Previous Year
A. CURRENT ASSETS		
1. Inventories		
a) Stores	39,231,687	21,961,906
2. Sundry Debtors:		
a) Debts outstanding for a period exceeding six months		-
a) Others		-
3. Cash balances in hand	15,851	30,478
4. Bank Balances		
a) With Scheduled Banks:	189,581,960	398,958,234
5. Post Office Savings Accounts		
TOTAL (A)	228,829,499	420,950,618
B. LOANS, ADVANCES AND OTHER ASSETS		
1. Loans :		
a) Staff		
b) Other Entities engaged in activities/objectives similar to that of the Entity		
2. Advances and other amounts recoverable in cash or in kind or for value to be received		
a) On Capital Account(National Informatics Centre)	815,802	810,962
b) Others(Security Deposit with JVVNL)	643,000	643,000
c) Advance given to AIIMS, Patna for faculty recruitment	319,012	319,012
d) Security With BSNL	5,000	5,000
e) Research cell	10,960,924	5,861,100
f) Advances for equipment	6,583,924	-
g) CPWD	24,646,743	1,000,000
h) Security Deposit for Gas Connection	17,000	17,000
i) HLL Lifecare Limited	598,662,734	200,000,000
j) Advances		
a) Faculty		100,000
b) Staff	60,000	-
c) Contractor	29,947,188	-
3. Income Accrued :		
a) Accrued Interest Income	97,362,862	120,162,954
4. Claim Receivables		
a) Prepaid Exp.		-
TOTAL (B)	770,024,189	328,919,028
TOTAL (A + B)	998,853,688	749,869,646

For and on behalf of All India Institute of Medical Sciences, Jodhpur


Anant Prakash
Financial Advisor


Dr. Sanjeev Misra
Director

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR

SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31st MARCH 2017

(Amount - Rs.)

SCHEDULE 12 - INCOME FROM SALES / SERVICES	Current Year	Previous Year
1. Income from Sales		
a) Sale of Finished Goods	-	-
b) Sale of Raw Material	-	-
c) Sale of Scraps	-	-
2. Income from Services		
a) Labour and Processing Charges	-	-
b) Professional / Consultancy charges	-	-
c) Agency Commission and Brokerage	-	-
d) Maintenance Services (Equipment / Property)	-	-
e) Others	-	-
1) Lab testing fees	28,068,085	17,783,995
2) Registration fees	3,549,685	3,186,370
3) IPD Collection	19,417,443	2,948,890
4) Blood Bank receipts	4,116,281	2,374,000
5) Consultancy fees	2,174,335	1,471,750
TOTAL	57,325,829	27,765,005

(Amount - Rs.)

SCHEDULE 13 - GRANTS / SUBSIDIES (Irrevocable Grants & Subsidies Received)	Current Year	Previous Year
1) Central Government		
A) Under General head	415,650,389	311,332,479
B) Under Salary head	406,857,253	279,170,333
TOTAL	822,507,642	590,502,812

For and on behalf of All India Institute of Medical Sciences, Jodhpur


Anant Prakash
Financial Advisor

Dr. Sanjeev Misra
Director

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR

SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31st MARCH 2017

SCHEDULE 14 - FEES / SUBSCRIPTIONS	(Amount - Rs.)	
	Current Year	Previous Year
1) Entrance and Mess Fees		
a) MBBS Fees	698,484	630,388
b) Nursing Fees	150,745	156,940
c) Fees for PG	31,340	0
d) Fees for MPH	315,000	0
TOTAL	1,195,569	787,328

SCHEDULE 15 - INCOME FROM INVESTMENTS (Income on Investment from Earmarked / Endowment funds transferred to Funds)	(Amount - Rs.)			
	Investment from Earmarked Fund		Investment- Others	
	Current Year	Previous Year	Current Year	Previous Year
1) Interest				
a) On Govt. Securities	-	-	-	-
b) Other Bonds / Debentures	-	-	-	-
2) Dividends				
a) On Shares	-	-	-	-
b) On Mutual Fund Securities	-	-	-	-
3) Rents	-	-	-	-
4) Others (Specify)	-	-	-	-
TOTAL	-	-	-	-

SCHEDULE 16 - INCOME FROM ROYALTY, PUBLICATION ETC.	(Amount - Rs.)	
	Current Year	Previous Year
1) Income from Royalty	-	-
2) Income from Publications	-	-
3) Others (specify)	-	-
TOTAL	-	-

For and on behalf of All India Institute of Medical Sciences, Jodhpur


Anant Prakash
Financial Advisor

Dr. Sanjeev Misra
Director

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR**SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31st MARCH 2017**

		(Amount - Rs.)	
SCHEDULE 17 - INTEREST EARNED		Current Year	Previous Year
1) On Term Deposits			
a) With Scheduled Banks		57,213,445	121,883,238
b) With Non Scheduled Banks			-
c) With Institutions			-
d) Others			-
2) On Saving Accounts			
a) With Scheduled Banks			-
b) With Non Scheduled Banks			-
c) Post Office Savings Accounts			-
d) Others			-
3) On Loans			
a) Employee/Staff			-
b) Others			-
4) Interest on Debtors and Other Receivables			-
TOTAL		57,213,445	121,883,238

		(Amount - Rs.)	
SCHEDULE 18 - OTHER INCOME		Current Year	Previous Year
1) Miscellaneous Income			
A) Tender receipts		1,022,000	376,000
B) Application Fees for Recruitment		208,736	397,900
C) Licence Fees for Staff Quarters		1,165,758	574,063
D) Deferred income for depreciable fixed assets		138,343,794	139,970,434
E) Other receipts		1,392,444	718,555
TOTAL		142,132,732	142,036,952

		(Amount - Rs.)	
SCHEDULE 19 - INCREASE / (DECREASE) IN STOCK OF FINISHED GOODS & WORK IN PROGRESS		Current Year	Previous Year
a) Closing Stock			
-- Finished Goods		-	-
-- Work-in-progress		-	-
b) Less: Opening Stock			
- Finished Goods		-	-
- Work-in-progress		-	-
NET INCREASE / (DECREASE) [a - b]		-	-

For and on behalf of All India Institute of Medical Sciences, Jodhpur


Anant Prakash
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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 2017**

		(Amount - Rs.)	
SCHEDULE 20 - ESTABLISHMENT EXPENSES		Current Year	Previous Year
a) Salaries and Wages		372061430	260,200,105
b) Allowances		14116626	7,238,625
c) Contribution to New Pension Scheme		17324986	8,966,823
d) Staff Welfare Expenses			-
e) Honorarium/ Special Allowances			117,000
f) Outsourcing Agency Expenses			
1. Man power services		129342132	96,715,852
2. Security services		56989145	45,115,480
g) Leave Travel Concession		2666506	2,292,425
h) Medical Reimbursement Claim		687705	355,355
TOTAL		593,188,530	421,001,665

		(Amount - Rs.)	
SCHEDULE 21 - OTHER ADMINISTRATIVE EXPENSES ETC.		Current Year	Previous Year
a) Advertisement Expenses		7937283	6,707,273
b) Electricity Expenses		59678682	50,927,652
c) Water Charges		1815801	4,911,634
d) Bank Charges		141592	7,454
e) Repairs and Maintenance		42507654	23,948,235
f) Departmental Expenses		7413740	2,308,109
g) Transport Expenses		14713819	14,533,447
h) Postage and Telephone charges		2139634	1,754,101
i) Printing and Stationery		3723731	4,159,464
j) Lab & Consumable exp.		12696280	24,291,056
k) Registration and Membership fees		3698505	1,067,348
l) Travelling Allowance		17333846	13,069,765
m) Stipend		3838628	-
n) Office Expenses		1248396	2,743,301
o) Misc. Expenses		1277003	1,157,233
p) Recruitment Exp.			1,221,543
q) Chemicals & Consumable for OPD & IPD		45267554	14,635,382
r) E- Journal			-
s) Audit Fee		236905	316,025
t) Washing and Cleaning Expenses		2308109	934,991
u) Examiners Remuneration & Honorarium		1341950	911,800
TOTAL		229,319,112	169,605,813

For and on behalf of All India Institute of Medical Sciences, Jodhpur


Anant Prakash
Financial Advisor

Dr. Sanjeev Misra
Director

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR

SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31st MARCH 2017

SCHEDULE 22 - EXPENDITURE ON GRANTS, SUBSIDIES ETC.	(Amount - Rs.)	
	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


Anant Prakash
Financial Advisor


Dr. Sanjeev Misra
Director

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR

SCHEDULES FORMING PART OF THE ACCOUNTS FOR THE YEAR ENDED 31st MARCH 2017

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.2.17crore (approx) and Rs.1.35 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.59,86,62,734/- have been given to HLL Lifecare Ltd. (PSA of MoHFW) for supply of various medical equipments.
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 MPH Course.
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, Basni, Jodhpur during the year. Since AIMS Jodhpur is exempt under income tax, there is no TDS deduction on interest earned.
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.
7. **CURRENT LIABILITIES**
 - 7.1 Current liabilities include funds received from Chief Minister Office/Prime Minister Office for treatment of patients.
 - 7.2 No provision has been made for Pensionary Benefits and Earned Leave Encashment. The liability for these will be accounted for on payment basis as and when it arises.
8. **LOANS, ADVANCES AND OTHER ASSETS**
 - 8.1 Advances are given to faculty members against travelling allowance.
 - 8.2 Advances have been given to Research Cell to carry out Intramural research projects of faculty.
 - 8.3 Advances include Security Deposit with Jodhpur Vidhyut Vitran Nigam Limited.
 - 8.4 "Income accrued" includes interest income accrued on Fixed Deposit Receipts made with Bank of Baroda, Jodhpur.
9. 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.
10. 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.
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 2017.

For and on behalf of All India Institute of Medical Sciences, Jodhpur


Anant Prakash, IDAS
 Financial Advisor
 AIMS, Patna


 Dr. Sanjeev Misra
 Director

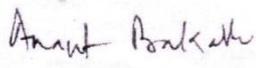
ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR

SCHEDULES FORMING PART OF THE ACCOUNTS FOR THE YEAR ENDED 31st MARCH 2017

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
2. **Inventory Valuation**
 - 2.1 Stores are physically verified by the Medical Superintendent office and valued at cost. Stores includes Medicines, Consumables, Chemicals, Kits, Linen, Glassware and plastic items.
3. **GRANTS/SUBSIDIES**
 - 3.1 Grant-in-aid is received from Ministry of Health and Family Welfare Govt. of India (PMSSY Scheme).
 - 3.2 Grant/Subsidies includes Grant-in-aid (General head), Grant-in-aid (Salary head) and Grant-in-aid (Creation of Capital Assets).
 - 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 2016-17
 - 3.5 Unspent Grants have been transferred to Current Liabilities and shown as unspent grant payable to Central Government at the end of financial year 2016-17.
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 procured by HLL life care limited (PSA of MoHFW) of Rs.7,06,82,138 were capitalize during the year 2016-17 on the basis of Final acceptance certificate.
 - 4.4 Fixed Assets includes 67 acres of Leasehold Land received from Jodhpur Development Authority on 99 years lease at nominal value of Rs.69 only.
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, depreciations is charged at 100% of rate prescribed if an asset is acquired on or before 30th September and 50% of rate prescribed if an asset is acquired after 30th September.
 - 5.3 The OPD Equipments with opening balance of Rs.13526653 have been transferred from the block of Scientific equipments to the block of Plant & Machinery in current financial year 2016-17. No adjustment for depreciation is required in relation to this as the rate of depreciation on block of Scientific equipment and Plant & Machinery is 15%.
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 contract for purchase of equipment worth Rs 1,62,09,529/- under Letter of Credit agreements and Rs.4984540.98 for E-journals during the year.
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


 Anant Prakash, IAS
 Financial Advisor
 AIIMS, Patna


 Dr. Sanjeev Misra
 Director



AIIMS in News

कायाकल्प | स्कीम के तहत स्वास्थ्य मंत्रालय की स्पेशल कमेटी ने 16 संस्थानों को 7 पैरामीटर्स पर परखा, जोधपुर को मिले 50 लाख रुपए

16 बड़े मेडिकल संस्थानों में हाइजीन, बायो वेस्ट मैनेजमेंट, इन्फेक्शन कंट्रोल के मामले में जोधपुर एम्स चौथे स्थान पर

हेल्प रिपोर्टर | जोधपुर

अखिल भारतीय आयुर्विज्ञान संस्थान (एम्स) जोधपुर केंद्र के 16 बड़े मेडिकल संस्थानों में हाइजीन, बायो वेस्ट मैनेजमेंट, इन्फेक्शन कंट्रोल सहित कुल सात मामलों में चौथे स्थान पर रहा है। स्वास्थ्य मंत्रालय ने 'कायाकल्प' स्कीम के तहत इन 16 संस्थानों में 7 पैरामीटर्स के आधार पर जांच कराई थी। पहले तीन स्थानों पर क्रमशः दिल्ली एम्स, पीजीआईएमईआर वंडीगढ़ और एनआईआईआरआईएचएएस शिलोन्ग रहे। तीनों संस्थानों को 5 करोड़, 3 करोड़ व 1 करोड़ की राशि मिली, जबकि जोधपुर एम्स को 50 लाख रुपए मिले हैं। इसके डिप्टी डायरेक्टर (प्रशासन) एमआर भेलो ने बताया कि कायाकल्प स्कीम के तहत देश के सातों एम्स सहित जोआईपी पांडिचेरी, पीजीआई वंडीगढ़, निहंदस बंगलोर, नेगरिम्स शिलोन्ग, रिम्स इम्फाल, आई दिल्ली के एनआईटीआरडी, एलएचएमसी इंड एसोसिएट अस्पताल, डॉ. रामनोहर लोहिया अस्पताल व सफरदरजंग अस्पताल को शामिल किया गया। इनमें जोधपुर एम्स प्रवेश का एकमात्र अस्पताल है। पहले अस्पताल प्रशासन ने खुद 7 बिंदुओं पर जांच रिपोर्ट भेजी, बाद में केंद्र की टीम ने निरीक्षण किया।



दिल्ली में स्वास्थ्य मंत्रालय की ओर से 50 लाख रुपए का चेक प्राप्त करने के बाद जोधपुर एम्स के डायरेक्टर डॉ. संजीव मिश्रा (बीच में) और उनकी टीम।

मरीजों का दबाव बढ़ने पर चुनौतियां भी बढ़ेंगी

जोधपुर एम्स में अभी कई सेवाएं शुरू होनी हैं। ऐसे में भविष्य में जब वे सेवाएं शुरू होंगी तो मरीजों का दबाव भी बढ़ेगा। एम आर भेलो ने कहा कि एम्स के व्यवस्थापक कायदा रहे पाएंगे, यह स्वयं पूरजे पर एम्स निदेशक डॉ. संजीव मिश्रा का कहना था कि अभी संतापन भी सीमित है। इसमें भी चोख स्थान प्राप्त हुआ है। अगली बार पहले-पुत्रे स्थान पर आने की पूरी कोशिश करेंगे। इसके लिए ज्यादा से ज्यादा मेकनाइज्ड तरीके से साफ-सफाई की व्यवस्था और एम्स में आने वाले मरीजों और उनके परिवारों में साफाई के लिए कवच डेवल्प करने के लिए केंद्र चलाएंगे।

जांच के 7 कड़े बिंदु, 650 अकों में से मार्किंग

यह तक जांचा कि साफ-सफाई के उपकरणों की मेंटेनेंस कैसी है

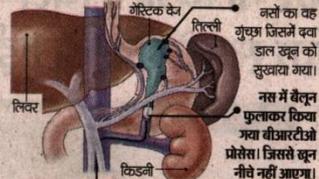
- हॉस्पिटल अपवॉय (130 अंक)** : इनमें लाइफिंग, हरियरनी, कचरा पत्रा, सड़क-सीवरेज-बिजली संयोजन सहित पावर बैकअप स्थिति, ऑफिस मेंटेनेंस, कबाड़ निस्तारण, पेयजल व वाटर टैंक स्वच्छता, जल संरक्षण, गार्गलिसक सखन बोर्ड, रिफाईल प्रबंधन की जांच की।
- हॉस्पिटल सपोर्ट सर्विस (कुल 40 अंक)** : इनमें लॉन्ड्री, किचन, सिवोलेटीटी के अलगाव आउटसोर्स मेंटेनेजमेंट सर्विस परखी गई।
- सैंटिटाशन एंड हाइजीन (कुल 150 अंक)** : इनमें सफाई-सफाई, लेबर रूम, ओटी, ओपीडी, इमरजेंसी, लैब, आईसीयू, सीसीयू, वार्ड, टॉयलेट में सफाई, साफ-सफाई के सामान-उपकरण की गुणवत्ता व रखरखाव, साफ-सफाई के तरीके, नॉटिफिकेशन, इन्फेक्शन-सीकेड मेंटेनेजमेंट देखे गए।
- वेस्ट मैनेजमेंट (कुल 100 अंक)** : इसके तहत बायो मेडिकल वेस्ट के सेपिगेशन, कलेक्शन स्टोरेज, ट्रांसपोर्टेशन व निस्तारण, मैनेजमेंट के लिए उपकरण, सॉलिड-लिक्विड व किचन वेस्ट मैनेजमेंट, रेडियो एक्टिव जैसे खतरनाक वेस्ट का मैनेजमेंट, वेस्ट की रिसाइकिलिंग आदि की स्थिति देखी गई।
- इन्फेक्शन कंट्रोल (100 अंक)** : हैड हाइजीन सुपुड्या, सुपुड्या के लिए उपकरण व तरीके, उपकरणों की सफाई, इन कार्यों के लिए जगत्कृत कार्यक्रम, इन्फेक्शन सर्विसन की जांच की गई।
- हाइजीन प्रमोशन (80 अंक)** : इनमें सामुदायिक नॉटिफिकेशन, स्वभाषिता, जासकरी देने के साधन, लीडरशिप व टीम वर्क, प्रशिक्षण व क्षमता संवर्धन, सुविधाओं के लिए शुभामिलन थे।
- फीडबैक मेकेनिज्म (कुल 50 अंक)** : साफ-सफाई पर आमजन की राय, फीडबैक नॉटिफिकेशन, सेमिस्ट्रेशन से सुझे स्टार्क को प्रोत्साहन, फीडबैक पर रेस्पॉन्ड करने के मेकेनिज्म की जांच की गई।

जीवनदायी उपचार | एम्स में बिना चीरे मरीज की जान बचाई, दो बच्चों को दृष्टिहीन होने की पीड़ा से बचाया

खून की उल्टियां कर रहे लिवर सिरोसिस के मरीज की गुब्बारे की तकनीक से बिना सर्जरी बचाई जान

महावीर प्रसाद गर्गी | जोधपुर

लुकमन के पेट से खून लिवर में जाने की बजाय अल्ट्रासोनिटिव नस से बिना फिल्टर हुए सीधे ही हार्ट से होता हुआ पूरे शरीर में सफाई हो रहा था। इससे अल्ट्रासोनिटिव नसों का गुच्छा बन गया। गुच्छा फटने से मरीज को खून की उल्टियां शुरू हो गई थीं। समय पर इलाज नहीं मिलता तो लिवर सिरोसिस के मरीज लुकमन की जान जा सकती थी लेकिन एम्स के इंटरवेंशनल रेडियोलॉजी विभाग के डॉ. पुण्ड्र खेड़ा ने उसका इलाज बिना चीरा लगाए कर जान बचा ली। डॉ. खेड़ा ने बताया कि मरीज को 45 मिनट में बीआईटीओ प्रोसेस से बिना चीरा लगाए पैर में कैथेटर की मदद से छेद कर किडनी के पास की नस में गुब्बारा फुलाया। फिर इसके आगे एक छेद करके रक्त के बहाव को सुखाने वाली दवा डालकर उसे बंद कर दिया। गुब्बारे को छेद घंटे बाद वापस निकाला। मरीज को 24 घंटे ऑक्सीजनेशन पर रखकर बाद में रिलीज कर दिया। डॉ. खेड़ा ने बताया कि जैसे तो लिवर सिरोसिस का इलाज लिवर ट्रांसप्लांट ही होता है लेकिन एम्स में मौजूद इंटरवेंशनल रेडियोलॉजी की यह तकनीक भी काफी कारगर और इफेक्टिव होती है। एम्स में लुकमन समेत अब तक बाबूलाल (55), भंवरलाल (55), डाला राम (45), गोपाल कंवर (40) का ऐसे ही इलाज किया गया है।



लिवर सिरोसिस के लक्षण

सुरुआती चरण में कोई खास लक्षण नहीं पर बीमारी बढ़ने पर भूख कम लगना, थकान, वजन में कमी या फिर अचानक वजन का बढ़ जाना, शरीर पर लाल-लाल चकत्ते आना, लूचा व आंखों का रंग पीला होना, एसी के जोड़ पर पड़ना होना, सूजन होना तथा पैर और पेट में भी सूजन होने लगती है। यदि बीमारी बढ़ जाए तो भ्रम, अतिगर्भ, स्थिति भांति जैसी स्थिति भी मरीज को हो जाती है।

11 साल के बच्चे की आंख में घुसा था बाण, दो इंच लंबा लकड़ी का टुकड़ा निकाल बचाई रोशनी

जोधपुर | एम्स के नेत्र विभाग के डॉ. अरविंद मौर्य ने जटिल ऑपरेशन करके एक बच्चे की आंखों की रोशनी लौटा ली वहाँ दूसरे बच्चे की आंखों की रोशनी बचा ली। लक्ष्मण नगर निवास इंगाराम के पुत्र ओमप्रकाश (11) अपने भाई के साथ धनुष-बाण बना कर खेल रहा था। खेल-खेल में ओमप्रकाश की बायीं आंख में लकड़ी के बाण से चोट लग गई। उसे कई डॉक्टरों को दिखाया, लेकिन जब तक दवा का असर रहता तब तक ही सूजन कम रहती, फिर वापस आ जाती। उसे इलाज के लिए एम्स आए। एम्स के नेत्र विभाग में डॉ. अरविंद मौर्य ने बताया कि ओमप्रकाश को यहाँ लाए, तब तक चोट लगे दो महीने से ज्यादा हो गए थे। सोनोग्राफी में आंख में पानी और खून जमा होना दिख रहा था। इसे निकालने के लिए ऑपरेशन का निर्णय लिया गया। ऑपरेशन के दौरान मांसपेशियों के फटने और संक्रमण दिमाग तक जाने का खतरा था। मांसपेशियों में चीरा लगाया तो पीछे कुछ फंसा हुआ दिखाई दिया। मांसपेशियों को हटाया तो करीब 2 इंच लंबा लकड़ी का टुकड़ा निकला। ऑपरेशन में देर होती तो मांसपेशियां डेमेज हो जातीं और ओमप्रकाश का विजन चला जाता।



धनुष-बाण से खेलेते हुए ओमप्रकाश की आंख में घुसे लकड़ी का इस टुकड़े को डॉ. मौर्य ने ऑपरेशन कर निकाला।

6 साल के शहजाद का विजन लौटाया

दूसरे केस में ब्यावर निवासी मोहम्मद शहजाद (6) की आंख में पथर से चोट लगने के कारण पुतली और हीट (लेंस) फट गया, साथ ही आंख में स्क्वेयर ग्लोबिब्लिब हो गया। इनसे शहजाद का विजन चला गया। केस एम्स में आया। करीब आठ घंटे के ऑपरेशन में डॉ. मौर्य ने उसकी आंख की पुतली में सात टांके लगा रिफाई की, साथ ही स्क्वेयर ग्लोबिब्लिब का ऑपरेशन कर लेंस परावर्तित किया। शहजाद का 6 मीटर तक विजन वापस आ गया है। डॉ. मौर्य ने बताया कि शहजाद का हाथोहाथ ऑपरेशन होना चाहिए था, जिससे उसके पूरे विजन को बचाया जा सकता था। चार दिन बाद ऑपरेशन करने से आंख की कोशिकाएं गलना शुरू हो गई थीं। चोट लगने से पुतली में सूजन बहुत अधिक थी।

मौनगा एनकेफेलोसिस | छह माह के बच्चे को सांस लेने में भी हो रही थी तकलीफ, पांच हजार में एक को होती है यह परेशानी

दिमाग का पानी नाक से आने लगा, एम्स में बिना चीर-फाड़ सर्जरी

मनीष गौतम | जोधपुर

एम्स में छह माह के एक शिशु के दिमाग का पानी नाक से निकलने पर इंएनटी विभाग के डॉक्टरों ने बिना चीर-फाड़ दूरबीन डालकर ऑपरेशन किया और छेद को रूल से बंद कर दिया। डॉक्टरों के अनुसार छह माह के बच्चे की एंडोस्कोप से सर्जरी का यह पश्चिमी राजस्थान में पहला मामला है। हालांकि इस तरह की सर्जरी न्यूरो सर्जन करते हैं, जो दिमाग खोल कर या दूरबीन से ही की जाती है। जवाहर कॉलोनी एयरफोर्स निवासी छह माह के देव के जन्म से ही नाक में पानी आने की शिकायत थी। उसके पिता शिकुमार व मां पंकी ने तीन-चार डॉक्टरों को जुकाम की शिकायत लेकर

दिखाया, लेकिन वह ठीक नहीं हुआ। ऐसे में वे जनवरी में देव को लेकर एम्स गए। वहाँ इंएनटी के डॉ. अमित गोयल को दिखाया। देव की सीटी स्कैन व अन्य जांचें करवाई गईं, जिसमें उसे मौनगा एनकेफेलोसिस बीमारी सामने आई। यानी उसकी नाक व दिमाग के बीच की हड्डी में छेद था, इससे दिमाग का कुछ हिस्सा नाक के अंदर आया हुआ था। साथ ही नाक का बायां हिस्सा बंद था। दिमाग का पानी भी रिस कर उसकी नाक से बह रहा था और नाक से सांस लेने में तकलीफ हो रही थी। इस स्थिति में सर्जरी नहीं होने से मरीज में दिमाग के इन्फेक्शन का खतरा बना रहता है। डॉ. गोयल बताते हैं कि जन्मजात होने वाली यह बीमारी पांच हजार में एक बच्चे को होती है।

ब्लीडिंग और दिमाग का पानी लीक होने का खतरा भी

छह माह के देव के दिमाग का पानी नाक से निकल रहा था। ऐसे में नाक में दूरबीन डाल कर दिमाग और नाक के बीच की हड्डी में हुए छेद पर जांच का मांस निकालकर उसे ग्लू (विशेष प्रकार का गोंद) से चिपका कर छेद बंद किया गया। इससे पानी निकलना बंद हो गया। एम्स इंडोर इंचार्ज और पीडियाट्रिक सर्जरी एचओडी डॉ. अरविंद सिन्हा ने बताया कि इस सर्जरी में डॉ. अमित गोयल के साथ एनेस्थेसिया विभागाध्यक्ष डॉ. पीके भाटिया के निदेशन में डॉ. निरविल कोठारी और शिल्पा गोयल ने मदद की। इसमें इतने छोटे बच्चे को बेहोश रखना और एंडोस्कोप डाल सर्जरी करना, दोनों चुनौतीपूर्ण था क्योंकि एंडोस्कोप और अन्य औजार डालने के लिए जगह नहीं मिलती। इसमें ब्लीडिंग और दिमाग से पानी लीक होने से खतरा था। मार्च माह में सर्जरी के बाद देव को एक अपील को पूरी तरह से स्वस्थ होने पर एम्स से डिस्चार्ज कर दिया गया।



एम्स में विश्व कैंसर दिवस पर जनजागरूकता व्याख्यान में डॉक्टरों ने दी सलाह

डॉक्टर जो बताएं उसे व्यवहार में लाएं मरीज



एम्स में स्वस्थ हुए मरीजों को जनजागरूकता व्याख्यान में सम्मानित किया गया।

एम्स में विश्व कैंसर दिवस पर आयोजित जनजागरूकता व्याख्यान में बीमारी से बचने का एकट करते एम्स के मेडिकोज।

पत्रिका

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rajasthanpatrika.com

बासनी/जोधपुर. अखिल भारतीय आयुर्विज्ञान संस्थान (एम्स) में शनिवार को विश्व कैंसर दिवस पर कैंसर पर जनजागरूकता व्याख्यान आयोजित किया गया। इसमें स्तन कैंसर, गर्भाशय के मुख के कैंसर, मुख के कैंसर और यूरालॉजी के कैंसर के बचाव व उपचार के तरीके बताए।

इस बार जनजागरूकता व्याख्यान में कैंसर के कई मरीज भी आए। उन्होंने जीवनशैली, इलाज, ढलती उम्र में ध्यान रखने वाली बातें डॉक्टरों से पूछी। डॉक्टरों ने मरीजों को जरूरी सावधानियों को अपने रोजाना के व्यवहार में लाने की बात कही। डॉ. प्रतिभा सिंह ने बताया कि गर्भाशय के मुख के कैंसर का

टीका आ चुका है। 9 से 26 साल की उम्र की महिलाओं को टीका लगा सकते हैं। वहीं स्तन कैंसर के बचाव के लिए 40 की उम्र के बाद साल में एक बार डॉक्टर से सलाह मशविरा करते रहना जरूरी है और डॉक्टर की सलाह के बाद मेमोग्राफी अवश्य कराएं।

यूरालॉजी के डॉक्टर डॉ. गौतम चौधरी ने बताया कि 40 की उम्र के बाद यूरिन में खून आने या दर्द जैसी शिकायत होने पर पेशाब की थैली, किडनी, प्रोस्टेट की जांच करानी चाहिए। डॉ. जितेंद्र अनेजा ने बताया कि तंबाकू, एल्कोहल से दूर रहें और अपनी जीवनशैली में नियमित तौर पर व्यायाम को शामिल करें। डॉ. डार्विन ने मुख के कैंसर के बचने के लिए नशे से दूर रहने की पाश्र्विकता बताई।

तंबाकू छोड़ें, कैंसर भगाएं



बासनी/जोधपुर. कुडी भगतसानी हाउसिंग बोर्ड स्थित सेंट सेवियर्स स्कूल की ओर से शनिवार को विश्व कैंसर दिवस पर रैली निकालकर नशे से दूर रहने की अपील की गई। विद्यार्थियों ने अपने अध्यापक-अध्यापिकाओं के साथ कुडी, रामेश्वर नगर, ज्वला कॉलोनी प्राथमी सर्किल

सरदारपुरा होते हुए भगत की कोठी तक रैली निकाली। इस मौके पर प्रधानाध्यापिका रीता फ्रांसिस आदि उपस्थित थीं। विद्यार्थियों ने रैली में धूमपान, पान, गुटखा छोड़ने का संदेश देने वाले नारे लगाए। संचालक अधिराज फ्रांसिस ने धन्यवाद ज्ञापित किया।

जो बीमारी से जीते, उन्हें किया सम्मानित

पुनीत पारीक ने बताया कि सिर्फ प्राणायाम करने के बाद अगर कोई तंबाकू या शिशी भी तरह का नशा करता है तो उसके प्राणायाम या योग करने का फायदा नहीं होगा। इसलिए योग के साथ व्यायाम, नशे से दूर रहने और हेल्दी लाइफ स्टाइल अपनाने की जरूरत है। यज्ञ में हरी-ओर रंगीन सभियान शामिल करें और जरूरी एंटी ऑक्सिडेंट भी डाइट में शामिल करें ताकि इन्फ्लेमेटरी सिस्टम मजबूत रहे। इससे बीमारी से लड़ने की ताकत भी आती है। इस मौके पर एम्स के ऑन्कोलॉजी डिभाग सहित

कई डिभागों के करीब 20 मरीजों के स्वस्थ होने के बाद सम्मानित किया गया। इसमें महिलाएं, बच्चे, बुजुर्ग और कई युवा शामिल थे, जिन्होंने बीमारी पर कब्ज़ पाया। इस दौरान एम्स के मेडिकल स्टूडेंट ने कैंसर के बचाव के तौर तरीके बचाने के लिए एक्ट करके बताया, जिससे सभी ने पसंद किया। एम्स में ऑन्कोलॉजी डिभाग में कैंसर के पहली मरीज कुलजीत कोर ने पूरी तरह स्वस्थ होने के बाद व्याख्यान में शामिल हुईं कुलजीत ने अपने स्वस्थ होने की खुशी कहिरा के माध्यम से बताई।

इन तथ्यों पर एक नजर

- भारत में हर साल 5 लाख लोगों को कैंसर होता है।
- इसमें 50 प्रतिशत मरीज ही स्वस्थ हो पाते हैं।
- कैंसर से मृत्यु का एक बड़ा कारण देरी से इलाज करना है।

एम्स को मिली काजरी की 300 एकड़ जमीन, बाउंड्री वॉल बनाने के साथ हॉस्टल व डॉक्टर निवास बनेंगे

हेल्थ रिपोर्टर | जोधपुर

एम्स जोधपुर विस्तार के लिए काजरी की 300 एकड़ जमीन हस्तांतरण की प्रक्रिया पूरी हो गई है। अखिल भारतीय आयुर्विज्ञान संस्थान ने जमीन को अपने अधिकार में ले लिया है और जल्द ही चारों तरफ बाउंड्रीवॉल का काम शुरू किया जाएगा। गौरतलब है कि एम्स को काजरी की जमीन देने की सैद्धांतिक मंजूरी प्रधानमंत्री नरेन्द्र मोदी ने दी थी। एम्स के डिप्टी डायरेक्टर (प्रशासन) एनआर विश्वादेव ने बताया

कि इस 300 एकड़ जमीन से एम्स की सेवाओं में विस्तार होगा। सीपीडब्ल्यूडी ने कंसल्टेंट के लिए टेंडर जारी किया है और जल्द ही कंसल्टेंट नियुक्त किया जाएगा। कंसल्टेंट नए और पुराने दोनों प्रोजेक्ट को देखकर नई प्लानिंग करेगा। एम्स परिसर में सेंटर ऑफ़ एक्सिलेंस की पूरी बिल्डिंग, मल्टीस्टोरी पार्किंग, स्कूल ऑफ़ पब्लिक हेल्थ, सुपर स्पेशियलिटी ब्लॉक, प्रशासनिक खंड का भवन का निर्माण किया जाना प्रस्तावित है। पहले यह सभी काजरी से मिलने वाली 300 एकड़ जमीन पर बनाना प्रस्तावित थे।

आवासीय कॉलोनी का होगा विस्तार

एम्स पूरी तरह से शुरू होने पर एक हजार के करीब डॉक्टर और रेजिडेंट होंगे। साथ ही 3 हजार पैरामेडिकल, नर्सिंग एडमिनिस्ट्रेशन से जुड़ा स्टाफ होगा। इनके लिए काजरी से मिली 300 एकड़ जमीन पर आवासीय परिसर व हॉस्टल का विस्तार किया जाएगा।

एम्स जोधपुर करने जा रहा है देश में पहला प्रयोग, एमबीबीएस के बाद डॉक्टर करेंगे एक साल की प्रैक्टिकल इंटर्नशिप

नए डॉक्टरों को मिलेगी मैनेजमेंट व लाइफ स्टाइल की ट्रेनिंग

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जोधपुर मेडिकल कॉलेज ऑफ इण्डिया मेडिकल कॉलेज से एमबीबीएस कर निकले छात्र-छात्राओं को डॉक्टर के तौर पर रजिस्ट्रेशन करके डिग्री तो दे देती है लेकिन इनके पास न तो मरीजों के साथ पेश आने की तहजीब होती है और न ही डॉक्टर का पेशेवर अंदाज। कई साल तक धक्के खाने के बाद वे एक 'डॉक्टर' के तौर पर स्थापित हो पाते हैं।

अखिल भारतीय आयुर्विज्ञान संस्थान (एम्स) जोधपुर ने अपने पहले बैच के एमबीबीएस



यह सिखाया जाएगा मेडिकोज को

ट्रेन, बस, सड़क या बाजार में किसी रोगी के मिलने पर उसके साथ व्यवहार के बारे में रोगियों के साथ आने वाले परिजनों के साथ पेश आने की तहजीब के बारे में

अस्पताल में नौकरी या सेवा के दौरान ओपीडी व आईपीडी में व्यवहार के बारे में मरीजों को परामर्श देते समय बरती जाने वाली सावधानी व एथिक्स के बारे में

आम जनता के सामने चिकित्सकीय व्याख्यान के दौरान टिप्स के बारे में एक शहर से दूसरे शहर जाने अथवा विदेश जाने पर प्रोफेशनल एथिक्स के बारे में

छात्र-छात्राओं को इस परेशानी से दूर रखने के लिए एक साल की सामान्य इंटर्नशिप को प्रैक्टिकल इंटर्नशिप में बदल दिया, जो जनवरी में लागू होने जा रही है। एम्स जोधपुर के डॉक्टरों ने इसके लिए एक साल का पाठ्यक्रम तैयार किया है जो नए डॉक्टरों के 360 डिग्री फोड बैच पर आधारित होगा। यानी इंटर्नशिप के दौरान मरीज व आम जनता की राय के साथ सीनियर डॉक्टर भी एमबीबीएस छात्रों को सलाह देते रहेंगे जिससे इंटर्नशिप के दौरान छात्रों का यह पता रहेगा कि वे प्रोफेशनल डॉक्टरों से कितने पास हैं।

यूएसए और यूके में मिलती है ट्रेनिंग

अमरीका और ब्रिटेन में एमबीबीएस करने वाले छात्र-छात्राओं को प्रैक्टिकल ट्रेनिंग दी जाती है। वहां प्रैक्टिकल लिखने के लिए पीजी की डिग्री अनिवार्य होती है। भारत में जहां 18 वर्ष की आयु में मेडिकल कॉलेज में प्रवेश मिलता है, वहीं यूएसए और यूके में 20 से 21 साल में मेडिकल कॉलेज में प्रवेश मिलता है। ऐसे में भारतीय छात्र एमबीबीएस डिग्री के बाद भी मैच्यूर नहीं होते हैं।

छात्रों के पास रहेगी लॉग बुक

एम्स जोधपुर का मेडिकल कॉलेज 2012 में शुरू हुआ था। एमबीबीएस के पहले बैच के अभी फाइनल की परीक्षा हो रही है। एम्स जोधपुर के एकेडमिक इंचार्ज डॉ. कुलदीपसिंह ने बताया कि इंटर्नशिप के दौरान

छात्र-छात्राओं को एक लॉग बुक दी जाएगी जिसमें वे प्रतिदिन मरीजों व अपनी फेक्टली का फीड बैक लेंगे। यह लॉग बुक छात्र छात्राओं के स्वयं के लिए उनकी डिग्री का वाररन्टिक आइना होगा।

400 डेलीगेट्स पहुंचे...

कैंसर के इलाज में जेनेटिक एनालिसिस करना आवश्यक

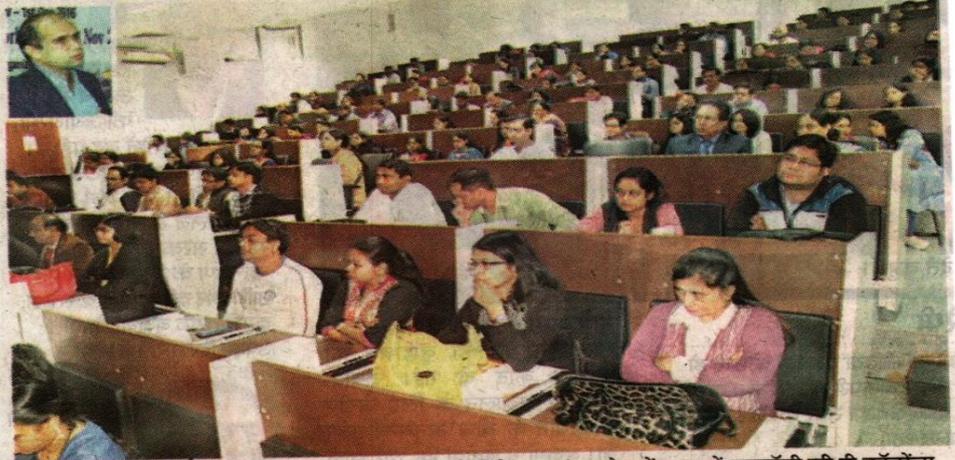
एम्स की सीएमई में जीन की जांच के कॉन्सेप्ट पर कार्यशाला, एनाटॉमी की नेशनल कॉन्फ्रेंस आज से

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बासनी/जोधपुर। एनाटॉमी सोसायटी ऑफ इंडिया की 64वीं कॉन्फ्रेंस की शुरुआत सोमवार को प्री कॉन्फ्रेंस वर्कशॉप से हुई। इसमें कैंसर का पता लगाने के लिए लैब में जीन की जांच, निदान व इलाज के लैब आधारित कॉन्सेप्ट के बारे में समझाया गया। सीएमई में अब तक 400 डेलीगेट्स आ चुके हैं।

आयोजन समिति के सचिव डॉ. सुरजीत घटक ने बताया कि राजस्थान में पहली बार सोसायटी ऑफ एनाटॉमी की ओर से एम्स में इस तरह की नेशनल कॉन्फ्रेंस आयोजित की जा रही है। कोलकाता के टाटा अस्पताल से आए डॉ. मयूर परिहार ने साइटो जैनेटिक्स के बारे में बताया। उन्होंने लैब में क्रोमोसोम में पाए जाने वाले जीन की गड़बड़ी का पता लगाकर कैंसर तक पहुंचने के कॉन्सेप्ट की जानकारी दी।

उन्होंने कहा कि आजकल कैंसर के इलाज में जेनेटिक एनालिसिस करना बहुत जरूरी हो गया है, क्योंकि ऐसे कई तरह के कैंसर होते हैं जिनका निदान जीन की गड़बड़ी जानने के बाद होता



एम्स में एनाटॉमी की प्री कॉन्फ्रेंस सीएमई में आए हुए डेलीगेट्स एवं इनसेट में एम्स में एनाटॉमी की प्री कॉन्फ्रेंस सीएमई में डेलीगेट्स के सवालियों का जवाब देते विषय विशेषज्ञ। पत्रिका

ब्लड कैंसर में कीमोथैरेपी ही करें

कैंसर का निदान करने के बाद उसके जींस का कैरेक्टर जानने के लिए जेनेटिक टेस्ट करना जरूरी होता है। इसके बाद ही पता चलता है कि जो ट्यूमर है वह एग्जिसिव है या अन एग्जिसिव।

जेनेटिक थैरेपी से डॉक्टरों को यह जानने में मदद मिलती है कि यह ट्यूमर कितना जल्दी बढ़ेगा या घटेगा। जिस मरीज में ट्यूमर ज्यादा एग्जिसिव होता है उसके लिए कीमोथैरेपी ज्यादा करनी होती है।

जहां मरीज में ट्यूमर के बढ़ने की क्षमता कम है उनमें हम कम कीमोथैरेपी में भी काम चला सकते हैं। ब्लड कैंसर का इलाज तो बिना जेनेटिक थैरेपी के होना ही नहीं चाहिए।

एनाटॉमी पर होंगे 200 प्रजेंटेशन

एम्स में मंगलवार को एनाटॉमी की कॉन्फ्रेंस का उद्घाटन किया जाएगा। इसमें मुख्य अतिथि आईआईटी के डायरेक्टर प्रो.

सीवीआर मूर्ति होंगे। उसके अलावा बीपचयू में एनाटॉमी की प्रो. मानवी सिंह का व्याख्यान होगा। इसके अलावा देश विदेश से करीब 700

डेलीगेट्स इस कॉन्फ्रेंस का हिस्सा बनेंगे। इसमें अलग अलग जगहों से आए डॉक्टर करीब 200 पेपर प्रजेंटेशन देंगे।

है। इसमें जेनेटिक एनालिसिस की उसके लिए टारगेटेड थैरेपी की जाती है। उसके अनुसार मरीज का इलाज किया जाता है। दिल्ली एम्स के डॉ. सुदीप सैन ने पल्लो

साइटो मेट्री के बारे में बताया। उन्होंने कैंसर के निदान और इलाज के उस कॉन्सेप्ट के बारे में जानकारी दी कि इसमें जीन की जांच से कैंसर का पता लगाकर

उसके निदान और उसके बाद इलाज के नतीजे पता चलते हैं और यह भी पता चलता है कि इलाज को किस दिशा में शुरू करना चाहिए।

रोबोटिक सर्जरी मरीज और सर्जन दोनों के लिए फायदेमंद : डॉ. भंडारी

ऑकोलॉजी की 30वीं तीन दिवसीय वार्षिक कॉन्फ्रेंस शुरू, कैंसर सर्जरी की नई तकनीक बताई

हेल्थ रिपोर्टर | जोधपुर

कैंसर में रोबोटिक सर्जरी के विशेषज्ञ डॉ. महेंद्र भंडारी का कहना है कि कैंसर के क्षेत्र में सर्जरी की यह नई तकनीक सभी के लिए फायदेमंद साबित हो रही है। अब बिना चीरा लगाए आसानी से कैंसर सर्जरी करना संभव है। इससे मरीजों को जल्दी छुट्टी भी मिल जाती है और उनकी रिकवरी भी तेजी से होती है। वे नेट कॉन आईएसओ की 30वीं वार्षिक कॉन्फ्रेंस में ऑकोलॉजी सर्जरी-नए हेराइजन विषय पर प्रजेंटेशन दे रहे थे। उन्होंने बताया कि कैंसर मरीजों के साथ ही कैंसर सर्जन के लिए भी ऑकोलॉजी में आई नई तकनीक एक क्रांति साबित होगी। इस तकनीक से मरीज के साथ सर्जन को भी फायदा होगा। रोबोटिक



पूर्व नरेश गजसिंह ने दीप प्रज्वलन कर कॉन्फ्रेंस का शुभारंभ किया।

सर्जरी भारत में अभी 36 सेंटर पर हो रही है। उपचार महंगा होने के कारण फिलहाल यह केवल मेट्रो सिटीज में ही हो रही है।

कॉन्फ्रेंस में यूके से आए डॉक्टर डेविड रू ने सरकारी और निजी अस्पतालों को टेक्नोलॉजी से जोड़ने की बात कही। उन्होंने अपने द्वारा

लंदन में यूनिवर्सिटी हॉस्पिटल साउथ मोशन में किए कार्यों को बताया। जोधपुर के डॉ. चंद्रशेखर भाटी ने कॉन्फ्रेंस में लिबर कैंसर सर्जरी पर अपना पेपर प्रजेंट किया। इससे पूर्व जोधपुर एम्स में ऑकोलॉजी सोसायटी और जोधपुर एम्स के तत्वावधान में इंडियन एसोसिएशन ऑफ सर्जिकल ऑकोलॉजी की 30वीं वार्षिक कॉन्फ्रेंस का शुभारंभ पूर्व नरेश गजसिंह ने दीप प्रज्वलित कर किया। उद्घाटन सत्र में एम्स डायरेक्टर और आयोजन समिति के अध्यक्ष डॉ. संजीव मिश्रा ने सभी का स्वागत किया।

आयोजन समिति सचिव डॉ. वीरेंद्र राजपुरोहित ने धन्यवाद ज्ञापित किया। डॉ. राजपुरोहित ने बताया कि तीन दिवसीय कॉन्फ्रेंस में देश-विदेश के करीब 600 ऑको सर्जन जोधपुर आएंगे।

एम्स फैकल्टी और बच्चों ने दिखाया खेलकूद में उत्साह



एम्स में तेजस 2016 में आयोजित खेलकूद प्रतियोगिताओं में विजेता बच्चों को सम्मानित करते एम्स निदेशक डॉ. संजीव मिश्रा

208 विजेताओं ने जीते पदक

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अखिल भारतीय आयुर्विज्ञान संस्थान (एम्स) में तेजस 2016 के तहत शुरुवार को आयोजित खेलकूद प्रतियोगिता में फैकल्टीज, रेजिडेंट्स, वाई बॉय, नर्सिंग और बच्चों ने दमखम दिखाया। आयोजक डॉ. पुषेंद्र सिंह खेड़ ने बताया कि दौड़, शॉटपुट,

टेबल टेनिस, कैरम, बैडमिंटन, चैस, स्तो साइक्लिंग, कैरम सहित कई खेलों में 208 विजेताओं को पुरस्कृत किया गया। बच्चों ने 40 ने गोल्ड, 37 ने सिल्वर और 29 ने कांस्य पदक जीता। जबकि फैकल्टीज में 24 ने गोल्ड, 24 ने सिल्वर और उतने ही कांस्य पदक विजेता रहे। डॉ. सुरजीत घटक, डॉ. पुनीत, डॉ. आशीष नैय्यर ने अयोजन की व्यवस्था संभाली।

एम्स में अंतरराष्ट्रीय मुद्दों पर संगोष्ठी 24 से देश-विदेश के नामी कॉलेज के स्टूडेंट्स प्रतिनिधि बन करेगे शिरकत

जोधपुर | संयुक्त राष्ट्र की कार्य प्रणाली पर आधारित संगोष्ठी का आयोजन अखिल भारतीय आयुर्विज्ञान संस्थान जोधपुर में वीएस इनिशिएटिव एंड एसोसिएट्स द्वारा 24 से 26 जून तक किया जाएगा। संपूर्ण भारत में यह पहला मौका है जब कोई मेडिकल कॉलेज इस प्रकार के अंतरराष्ट्रीय स्तर की संगोष्ठी में भागीदार बनने जा रहा है। इसमें देश-विदेश के नामी-गिरामी कॉलेज व स्कूलों के स्टूडेंट्स विभिन्न देशों के प्रतिनिधि बनकर हिस्सा लेंगे। संगोष्ठी में जोधपुर के 200 से अधिक युवा इस अद्वितीय अवसर का लाभ उठाएंगे। इस संगोष्ठी में धारा 350 कश्मीर मुद्दा सहित कई मुद्दों पर विचार-विमर्श किया जाएगा। संगोष्ठी के द्वारा जोधपुर के युवा का पूर्ण व्यक्तित्व विकास होगा। कार्यक्रम में जो प्रतिनिधि सर्वश्रेष्ठ विचार व्यक्त करेगा उन्हें नकद राशि के रूप में पुरस्कृत किया जाएगा। कुल एक लाख रुपए के इनाम दिए जाएंगे। सर्वश्रेष्ठ प्रतिनिधि का चयन इसी क्षेत्र के अनुभवी व अंतरराष्ट्रीय ख्याति प्राप्त समिति करेगी। इस तीन दिवसीय कार्यक्रम के मुख्य अतिथि राजस्थान हाईकोर्ट के न्यायाधीश विजय बिश्नोई व पूर्व नरेश के सलाहकार महेंद्र कुमार झाबक होंगे। शहर में इस अंतरराष्ट्रीय पहल का श्रेय एसोसिएट्स के संस्थापक श्रेयांश सुराणा और वैभव जैन को है।

हाईटेक एजुकेशन

जोधपुर एम्स में मोबाइल एप से पढ़ाई

एमबीबीएस सैकेण्ड ईयर में मोबाइल एप की लगती है स्पेशल क्लास, 50 फीसदी एप मेडिकल एजुकेशन के

गजेन्द्रसिंह दाहिया

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जोधपुर न तो टीवी कभी इंडियन बॉक्स था और ना ही आज के मोबाइल-टेबलेट टाइम पास के साधन है। यह आप पर निर्भर करता है कि आप तकनीक का इस्तेमाल कैसे करते हैं। अगर तकनीक का बेहतरीन उपयोग सीखना है तो जोधपुर के अखिल भारतीय आयुर्विज्ञान संस्थान (एम्स) आइए, जहां डॉक्टरों ने स्मार्टफोन को पढ़ाई से जोड़ कर तकनीक का भी तकनीक से इस्तेमाल किया है। एम्स में एमबीबीएस द्वितीय वर्ष में स्मार्टफोन को लेकर विशेष कक्षा भी लगती है, जहां छात्रों को बताया जाता है कि मोबाइल में कौनसे एंड्रॉइड एप्लीकेशन डाउनलोड करने हैं और उनका इस्तेमाल कैसे

करना है। - एम्स के डॉक्टरों ने 2012, 2013, 2014 और 2015 बैच के 348 छात्र-छात्राओं में स्मार्टफोन और उनके एप लेकर संघे किया। सभी 348 छात्रों के पास स्मार्टफोन है।

हम सिखाते हैं- 'हाउ टू यूज एप'

हम लोग सैकेण्ड ईयर में छात्रों को एप का समुचित इस्तेमाल करना बताते हैं, लेकिन फर्स्ट ईयर में आने वाले भी सीमित छात्रों से यह पहले से ही सीख लेते हैं। एप से छात्रों को मेडिकल पढ़ाई में बहुत मदद मिलती है।

डॉ. कुलदीपसिंह, इंचार्ज, आउटडोर, एम्स जोधपुर,

छात्र मेडिकल एप के तौर पर मेडरकैम (मेडिकल की सामान्य पढ़ाई के लिए), प्रोगनोसिस (इस एप में मरीज के लक्षण डाल कर उसकी शुगर, बीपी, पल्स रेट व हार्टबीट जात करते हैं), आईसीडी-10 (बीमारी के अंतरराष्ट्रीय वर्गीकरण का एप) यूज करते हैं।

स्मार्टफोन में डिफॉल्ट एप के अलावा 15 से 20 अन्य एप हैं। इसमें से 50 फीसदी एप मेडिकल एजुकेशन के हैं।

50 फीसदी छात्रों के पास सीएमई एप के तौर पर एपोक्रेटस है। इसमें अधिकतर इंटर्न छात्र हैं।

100 प्रतिशत छात्र सोशियल मीडिया एप के तौर पर वाट्सएप का उपयोग करते हैं, जिसमें अलग अलग ग्रुप बने हुए हैं। इसके अलावा 30 से 40 फीसदी के पास इंस्टाग्राम भी है।

80 फीसदी विद्यार्थियों के मोबाइल में फेसबुक, गूगल प्लस जैसे फोटो वाले एप भी हैं।



70 फीसदी के मोबाइल में टाइम पास करने के लिए केण्ट्री क्लश जैसे गेम एप मिल जाएंगे

20 फीसदी के पास स्पोंटर्स एप।

60 फीसदी एमबीबीएस फर्स्ट ईयर के छात्रों के पास ऑब्जेक्टिव क्वेश्चन से जुड़े कुछ एप भी हैं।

80 फीसदी को इंग्लिश न्यूज पेपर और गूगल न्यूजस्टैण्ड परसंद।

एम्स विस्तार के लिए 67 एकड़ भूमि चिह्नित, नवंबर में अधिग्रहीत होगी

सांसद ने कहा, पूरा अस्पताल इसी साल होगा शुरू, पीएम करेंगे उद्घाटन

हेल्थ रिपोर्टर जोधपुर

एम्स विस्तार के लिए कांजरी से मिलने वाली 67 एकड़ भूमि चिह्नित कर ली गई है। मंगलवार को सांसद गजेन्द्रसिंह शंखावत की मौजूदगी में कांजरी के निदेशक डॉ. ओपी यादव ने एम्स निदेशक डॉ. संजीव मिश्रा को अधिग्रहित होने वाली जमीन व दस्तावेज दिखाए। उन्होंने कहा कि अभी यहां रिसर्च प्रोजेक्ट चल रहा है। प्लानिंग शिफ्ट कर नवंबर में एम्स को सुपुर्द करेंगे। इस पर सांसद व एम्स निदेशक ने सहमति जताई। शंखावत ने बताया कि एम्स का पूरा अस्पताल इसी साल शुरू होगा। इसका लोकार्पण प्रधानमंत्री नरेंद्र मोदी करेंगे। एम्स प्रबंधन ने यूपीए सरकार से एम्स के विस्तार के लिए जमीन मांगी थी और मौजूदा सांसद ने गत वर्ष पीएम से मिलकर जमीन हस्तांतरित करवाने के लिए हस्तक्षेप का आग्रह किया था।

सुपर स्पेशलिटी विंग व आवास बनेंगे

एम्स निदेशक डॉ. संजीव मिश्रा ने भूमि देने के लिए कांजरी के प्रति आभार जताते हुए बताया कि इस भूमि का उपयोग सुपर स्पेशलिटी



विंग और यहां नियुक्त होने वाले 1800 नर्सों, 500 डॉक्टर व 600 रेजिडेंट के आवास के लिए होगा। जमीन का अधिग्रहण होने तक एम्स प्रबंधन इस भूमि पर होने वाले निर्माण से जुड़े ले-आउट व प्लान तैयार

करेगा, ताकि अधिग्रहण के बाद क्रियान्वयन में समय की बचत हो। इस मौके पर एम्स के डिप्टी डायरेक्टर एनआर विश्वाकर्षण व जेडीए के अधिकारी मौजूद थे। डॉ. मिश्रा ने बताया कि एम्स को चार नए पीजी कोर्स की स्वीकृति मिल गई है। इनमें एनाटॉमी, फिजियोलॉजी, बायो केमिस्ट्री व ह्यूमनिटी मेडिसिन शामिल हैं। सभी कोर्स में 2-2 सीटों की स्वीकृति मिली है। अगले वर्ष तक 8 से 10 स्पेशलिटी डिपार्टमेंट्स में भी पीजी कोर्स की स्वीकृति मिल जाएगी।

पहल | एम्स ने किया गंभीर रोगों का उपचार, दिया दो बालकों को जीवनदान

13 साल के निखिल की जुड़ेगी किडनी व तिल्ली की नलियां

लीवर तक खून पहुंचाने के लिए एम्स में होगा पहला ऐसा जटिल ऑपरेशन

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गंभीर बीमारी से पीड़ित 13 साल के बच्चे के लीवर तक खून पहुंचाने के लिए एम्स में डॉक्टर उसकी किडनी व तिल्ली की नलियों को आपस में जोड़ेंगे। इतनी कम उम्र में 'नॉन शिरोटिक पोर्टल फाइब्रोसिस' नाम की घातक बीमारी से पीड़ित निखिल की एम्स में पहली ऐसी सर्जरी होगी, जहां उसकी खून की उल्टियां रोकने के लिए किडनी व तिल्ली की रक्तवाहिनियों को आपस में शंट (जोड़) कर उसके लीवर तक खून पहुंचाया जाएगा। पीडियाट्रिक सर्जरी के विभागाध्यक्ष डॉ. अरविन्द सिन्हा ने बताया कि निखिल के शरीर में तिल्ली के आगे



एम्स में अपने पिता के साथ निखिल।

पत्रिका

रक्तवाहिनी ब्लॉक हो जाने से लीवर तक खून की सप्लाई पूरी नहीं हो रही थी। ऐसे में तिल्ली में खून एकत्र हो जाता था, जिससे तिल्ली पर प्रेशर पड़ने से निखिल को खून की उल्टियां होने लगती हैं। जिसे 'पोर्टल हाइपरटेंशन' कहते

हैं। अब उसकी मंगलवार को सर्जरी कर तिल्ली और किडनी की रक्तवाहिनियों को आपस में शंट (जोड़) करेंगे। इससे किडनी के रास्ते खून जाने से लीवर तक रक्त सप्लाई बराबर रहेगी। इससे तिल्ली में खून का प्रेशर नहीं पड़ेगा।

कई जगह दिखाया, नहीं हुआ इलाज

निखिल को ये बीमारी पिछले 5 से ज्यादा समय से थी। उसके पिता पाली निवासी अशोक कुमार ने बताया कि यहां लाने से पहले उसे अजमेर, जयपुर, अहमदाबाद दिखाया। उसके बाद एमजीएच में बताया था। वहां उसकी एंडोस्कोपी हुई, लेकिन उसके बाद खून की उल्टियां बंद नहीं हुई। उसके बाद उसे जोधपुर एम्स में अपोलो को रेफर किया। यहां उसकी बीमारी पकड़ में आई।

बीमारी के कारण का पता नहीं

डॉक्टरों को इस बीमारी का कारण पता नहीं लग पाया है, लेकिन ये बीमारी ज्यादातर हैपेटाइटिस, संक्रमण, लीवर खराब होने या जन्मजात किन्हीं कारणों से होती है। एम्स के डॉक्टरों का दावा है कि जोधपुर में ऐसा पहला जटिल ऑपरेशन है।

तीन घंटे में हो गई बांग्लादेश से आए 11 महीने के शफात की सर्जरी

राजस्थान पत्रिका

लगातार...



पत्रिका में प्रकाशित समाचार

बासनी/जोधपुर @ पत्रिका. एम्स में बांग्लादेश से आए 11 माह के शफात मशरूर राद की सोमवार को दूरबीन से सर्जरी की गई। शफात 'हर्सप्रीटेम्स' नाम की जटिल बीमारी से पीड़ित है। पीडियाट्रिक सर्जरी विभाग के एचओडी डॉ. अरविन्द सिन्हा के



एम्स में सर्जरी के बाद बेड पर शफात और पास में उसके माता पिता

नेतृत्व में सुबह 10 से दोपहर 1 बजे तक एम्स ओटी में ऑपरेशन कर शफात के पेट पर हुए छेद को बंद किया गया। अब शफात का

स्टूल सही जगह से पास हो सकेगा। जोधपुर एम्स में किसी विदेशी बच्चे की यह पहली सर्जरी है। डॉ. सिन्हा ने बताया कि शफात

का बांग्लादेश की राजधानी ढाका में अपोलो अस्पताल में ऑपरेशन कर पेट पर छेद किया था। सैंकेंड स्टेज पर वहां के डॉक्टरों के पास दूसरे ऑपरेशन के अलावा कोई विकल्प नहीं था। ऐसे में शफात को खतरा था।

उसे बिना चौरफाड़ दूरबीन सर्जरी के लिए जोधपुर एम्स लाया गया। यहां उसके पेट पर पहले ऑपरेशन के दौरान हुए छेद को बंद कर दिया गया। इसके साथ ही उसके टिश्यू को उसी समय फ्रीज कर देखा कि उसकी आंत सही जगह है या नहीं। शफात को दिन दिन और यहां रहना होगा। इसके बाद डॉक्टर उसकी रिपोर्ट देख कर घर जाने की अनुमति देंगे।

इनोवेटिव आइडिया...

जिससे डॉक्टरों का काम आसान होगा, मरीजों का दर्द व खर्च भी होगा कम

एंद्रॉयड बेस्ड स्टेथेस्कॉप में डेटा भी होगा स्टोर कलाई पर सेंसर से होगी ब्लड में शुगर की जांच

आईडियाज-इनोवेशन वर्कशॉप में जोधपुर एम्स के साथ एक मंच पर आए आईआईटी-डीआरडीओ

महवीर प्रसाद शर्मा, जोधपुर



देश के लिए अच्छी शुरूआत प्रो. सीबीआर मूर्ति, आईआईटी इन्दियाना



नोबल आइडियाज, सब मिल आम आदमी के लिए काम करेंगे। डॉ. संजीव मिश्रा, एम्स बिरेक



सभी मिलकर काम करेंगे तो कॉस्ट इफेक्टिव डवलपमेंट होंगे। डॉ. एसआर वढेरा, डीआरडीओ बिरेक

10 फार्मूले इंजीनियर-वैज्ञानिकों के ट्रीटमेंट व डायग्नोसिस में डॉक्टरों की जरूरतों पर मंथन के बाद आए सामने

डॉक्टरों वरसों से डायग्नोसिस व ट्रीटमेंट की कई पुरानी तकनीकों का काम में ले रहे हैं। इनमें लगातार बदलाव भी हो रहा है, लेकिन बदली तकनीक महंगी साबित होती है। ऐसे में जोधपुर एम्स, आईआईटी, डीआरडीओ व इंडस्ट्रीज के संयुक्त प्रयास शुरू हो गए हैं। इस ज्वाइंट कोलैबोरेशन के मार्फत आईआईटीयन ने डॉक्टरों के साथ मिलकर उनकी जरूरतें जान अपने फार्मूले सुझाए। रविवार को एम्स में मेडिकल टेक्नोलॉजी इनोवेशन वर्कशॉप में दस आइडियाज के इनोवेशन करने के लिए सभी संस्थान एक प्लेटफॉर्म पर आए। वर्कशॉप में आईआईटीयन व डॉक्टरों व साइंटिस्ट के प्रयासों की समीक्षा की गई। इसमें कर्नाटक स्टेट इनोवेशन काउंसिल के डॉ. एचपी खिंचा, आईआईटी मुंबई के प्रो. बी रवि, आईआईटी जोधपुर के निदेशक प्रो. सीबीआर मूर्ति, एम्स के निदेशक डॉ. संजीव मिश्रा व डीआरडीओ के निदेशक डॉ. एसआर वढेरा शामिल हुए। वर्कशॉप की समीक्षा के आधार पर आईडियाज व इनोवेशन को आगे बढ़ाया जाएगा।

<p>1. स्टेथेस्कॉप में क्या बदलाव हो सकता है?</p>  <p>स्टेथेस्कॉप का डिजाइन चेज कर उसमें एंड्रॉयड बेस्ड एप्लीकेशन को यूज कर सकते हैं। मरीजों की कार्डिक व रेंस्पेक्टरी आवाज को डिजिटल सिग्नल में बदलना जा सकेगा। डाटा स्टोरेज कर शेअर भी कर सकेगा।</p>	<p>2. वेन विजुलाइजेशन टेक्नीक सस्ती कैसे?</p>  <p>वेन विजुलाइजेशन इन्फ्रारेड की डिजाइन बदलने के साथ क्वियर इंफ्रारेड से कॉमनो कम हो सकती है। यूजर फ्रेंडली डिजाइन में लैजर लाइट लगा बनाया कि वेन ट्रैकिंग में काम समय लगेगा।</p>	<p>3. कैसे कम हॉ ब्लड सैंपल लेने की मुश्किलें</p>  <p>भिन्नी अल्ट्रासाउंड डिवाइस से पल्स व धमनियों की गहराई देवी जा सकेगी। इस दौरान जहां प्रॉपर पल्स व धमनी मिले, वहां पंपर कर ब्लड सैंपल लिया जा सकेगा। यह कॉस्ट इफेक्टिव भी होगा।</p>	<p>4. स्वेट टेस्ट कैसे हो सरल?</p>  <p>छात्रों ने बताया कि स्वेट (पसीना) टेस्ट में इलेक्ट्रॉन कंडक्टर नीटर से टेस्ट किया जा सकता है। इसमें पहले फिल्टर पेपर लगाकर स्वेट टेस्ट करेंगे तो फिल्टर पेपर पर पसीना आते ही उसमें मौजूद सोडियम सहित अन्य तत्वों पता चल सकेगा।</p>	<p>5. कम केबल से कैसे करें ईसीजी?</p>  <p>ईसीजी मशीन को वायरलेस किया जा सकेगा। सिग्नल के आकार का एक डिवाइस बनेगा। उसे हाथ की कलाई पर रखकर भी रीडिंग ली जा सकेगी। इसके अलावा शरीर के किसी भी भाग पर माउंट कर रीडिंग ली जा सकेगी।</p>
<p>6. खरटि रोकने के सहज साधन क्या हों?</p>  <p>खरटि रोकने के लिए लगाए जाने वाले मारुत से असहजता होती है। नींद के दौरान जीभ नीचे जाने से खरटि आते हैं, इसे रोकने के लिए अभी जीभ पर कैप लगवाई जा रही है। इसकी जगह बायोरेजिओब्लेबल रिना का उपयोग किया जा सकता है।</p>	<p>7. ईको टेस्ट दरें कैसे घटाएं?</p>  <p>ईको टेस्ट के लिए खूब कैमरा लगानी पड़ती है। इसकी जगह एक छोटा डिवाइस डवलप होगा जिसे हाट पर रख फोन से कनेक्ट कर सकेगा। पूरी रीडिंग फोन पर दिखेगी। अभी सेंसर की कॉस्ट ज्यादा होगी लेकिन जब ये वेन में तैयार होंगे तो सस्ता होगा।</p>	<p>8. शुगर के लिए ब्लड टेस्ट क्यों?</p>  <p>डायबिटीज रोगियों के शुगर की जांच के लिए बायो सेंसर डिवाइस डवलप होगा। इसे रिक्तन की ऊपरी परत के नीचे लगाया जा सकता है। यह एक थिप की तरह होगा। इससे तीन हफ्ते की शुगर (ग्लूकोस) मॉनिटरिंग की जा सकेगी।</p>	<p>9. हिमोग्लोबिन की जांच आसान कैसे?</p>  <p>हिमोग्लोबिन जांच के लिए एक मेग्नेटिक सेंसर बनाया जा सकता है जो कि आयरन बेस होगा। इस तकनीक से ब्लड सैंपल नहीं लिया जाएगा। शरीर में कहीं पर भी इसे लगाकर हिमोग्लोबिन की जांच कर सकते हैं।</p>	<p>10. फेफड़ों की जांच में खर्च क्यों बढ़े?</p>  <p>फेफड़ों की जांच के लिए वर्तमान में चल रही तकनीक काफी महंगी है। इसे बदलने के लिए फंक्शनल एम्आरआई की जा सकती है। इससे जांच आसान व सटीक हो सकेगी। कीमती भी काफी कम हो जाएगी।</p>

