



ANNUAL REPORT  
2015-16

ALL INDIA INSTITUTE OF MEDICAL SCIENCES  
JODHPUR



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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 2015-16.

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 17<sup>th</sup> September 2012. AIIMS, Jodhpur was the second AIIMS after AIIMS, New Delhi, to begin its academic session in the country. During the academic year 2015-16 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 faculty members of AIIMS, Jodhpur have toiled tirelessly and selflessly to impart education and training to the students by not only traditional methods but also innovative techniques like integrated teaching and use of e-modules. The Faculty published research work in various International and National journals, presented papers and delivered Guest Lectures at various conferences in India and abroad.

The students were provided with a comfortable atmosphere for their overall growth by addition of sports facilities comprising of a cricket cum football field, floodlit badminton, tennis and basketball courts and indoor games facilities and reading rooms and TVs in the hostels.

The OPD and IPD services at AIIMS, Jodhpur grew during the year 2015-16.

The Institute was privileged to have Hon'ble Shri J.P. Nadda , Hon'ble Minister for Health and Family Welfare, Govt. of India and President, Institute Body AIIMS, Jodhpur to inaugurate the Laboratory complex, Blood Bank, Physical Medicine and Rehabilitation Block and Computerised Patient Management System. The occasion was also graced by Shri Gajendra Singh Khimsar, District in-charge and Minister of Industries, Government of Rajasthan, Shri Rajendra Singh Rathore, Minister of Medicine and Health (Government of Rajasthan, Shri Gajendra Singh Shekhawat, Member of Parliament (Jodhpur) & Member AIIMS Governing Council, Dr. Manoj Rajoria, Member of Parliament (Dholpur-Karoli) & Member AIIMS Governing Council, Shri P.P. Choudhary, Member of Parliament (Pali), Shri Narayan Lal Panchariya, Member of Parliament, Shri Jaswant Singh Bishnoi, Chairman Central Wool Development Board, Jodhpur with other distinguished guests. The institute has the latest and state of the art facilities for various investigations along with one of its kind, dynamic repository of blood products. In line with the Government of India's Digital India initiative, AIIMS Jodhpur is being developed as the first completely paperless hospital in the country with everything being done using a hospital information system. The patients need to register once for an entire lifetime to avail the services. All the information regarding the patients is just a click away and can be accessed from anywhere across the world by the doctors.

The people of the region showed immense faith in the institute as the number of OPD and IPD patients have grown steadily during the year. Approximately 1.5 Lakh patients visited the OPD and nearly 6500 patients were admitted in the IPD during the year.

The Institute hosted numerous academic events like CMEs, Workshops and Conferences during the year. Public Awareness lectures were organized to address the common public health issues and to create awareness amongst the masses.

The year 2015-16 has seen us grow in manpower, resources and facilities. Along with this growth, there has been a display of immense faith by the patients of this region. This has brought greater responsibility on us to fulfill our commitment to provide the best healthcare to the people and serve the underserved. With the continuing support of the Govt. of India, we hope to widen our horizons and become a center of excellence in education, training and patient care.

This Annual Report presents the growth of AIIMS, Jodhpur in the year 2015-16.



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 09<sup>th</sup> February, 2015 (F. No. Z-28016/42/2013-SSH) as under:

S. No.	Name of Members of Institute Body, AIIMS, Jodhpur	
1	<b>Shri Jagat Prakash Nadda</b> Hon'ble Union Minister of Health & Family Welfare, Government of India.	President
2	<b>Shri Gajendra Singh Shekhawat</b> Member of Parliament, Lok Sabha	Member
3	<b>Dr. Manoj Rajoria</b> Member of Parliament, Lok Sabha	Member
4	<b>Shri Narendra Budania</b> Member of Parliament, Rajya Sabha	Member
5	<b>Shri C.K. Mishra</b> Secretary, Ministry of Health & Family Welfare, Government of India	Member
6	<b>Dr. Jagdish Prasad</b> Director General of Health Services, Ministry of Health and Family Welfare, Government of India	Member
7	<b>Ms. Vijaya Srivastava</b> Additional Secretary and Financial Adviser, Ministry of Health & Family Welfare, Government of India	Member
8	<b>Shri Om Prakash Meena</b> Chief Secretary, Government of Rajasthan	Member
9	<b>Dr. Raja Babu Panwar</b> Vice Chancellor, Rajasthan University of Health Sciences, Jaipur	Member
10	<b>Prof. C.V.R. Murty</b> Director, India Institute of Technology (IIT), Jodhpur	Member
11	<b>Dr. S. Ayyappan</b> Secretary, Department of Agricultural Research and Education & Director General, Indian Council of Agricultural Research, Government of India	Member
12	<b>Shri Rakesh Kacker</b> Former Secretary, Ministry of Food Processing, Government of India	Member
13	<b>Dr. Pankaj Chaturvedi</b> Tata Memorial Centre, Mumbai, Maharashtra	Member
14	<b>Dr. G.N. Rao</b> L.V. Prasad Eye Care Centre, Hyderabad, Andhra Pradesh	Member
15	<b>Prof. Nikhil Tandon</b> All India Institute of Medical Sciences, New Delhi	Member
16	<b>Prof. S.K. Acharya</b> Professor and Head, Department of Gastroenterology, All India Institute of Medical Sciences, New Delhi	Member
17	<b>Dr. Sanjeev Misra</b> 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 17<sup>th</sup> February, 2015 as under:

### Governing Body

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

### Standing Finance Committee

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

### Standing Selection Committee

S. No.	Name of Members	
1	<b>Dr. Raja Babu Panwar</b> Vice Chancellor, Rajasthan University of Health Sciences, Jaipur	Chairman
2	<b>Dr. Jagdish Prasad</b> Director General of Health Services, Ministry of Health and Family Welfare, Government of India	Member
3	<b>Prof. C.V.R. Murty</b> Director, India Institute of Technology (IIT), Jodhpur	Member
4	<b>Dr. S. Ayyappan</b> Secretary, Department of Agricultural Research and Education & Director General, Indian Council of Agricultural Research, Government of India	Member
5	<b>Dr. G.N. Rao</b> L.V. Prasad Eye Care Centre, Hyderabad, Andhra Pradesh	Member
6	<b>Prof. S.K. Acharya</b> Professor and Head, Department of Gastroenterology, All India Institute of Medical Sciences, New Delhi	Member
7	<b>Prof. Nikhil Tandon</b> All India Institute of Medical Sciences, New Delhi	Member
8	<b>Dr. Sanjeev Misra</b> 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 06<sup>th</sup> January, 2014 as under:

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

## **Director**

Prof. Sanjeev Misra

## **Administration**

### **Financial Advisor**

Mr. Ashu Mathur

### **Deputy Director (Administration)**

Mr. N. R. Bishnoi

### **Administrative Office**

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**

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 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 American College of Surgeons, USA & Fellow of International College of Surgeons, USA. 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 Glasgowa eundem. He was awarded fellowships at the MSKCC, New York, MD Anderson Cancer Centre, Houston and Cancer Institute Hospital, Tokyo.

He has published extensively and has over 80 published papers and 20 chapters in several international and national peer reviewed journals and books. He is a reviewer for

international and National Journals. He is Associate 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 and currently its Vice President. 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 2015-16**

#### **Awards**

1. Veer Durgadas Rathore Award by Veer Durgadas Rathore Smriti Samiti, Jodhpur, 27<sup>th</sup> August, 2015.

#### **Memberships**

1. Honorary Membership of British Association of Surgical Oncology
2. Membership of Society of Surgical Oncology, USA

#### **Publications**

1. Agarwal, Akash, Puneet Pareek, and **Sanjeev Misra**. "Carcinoma Gallbladder- an Indian Problem." Indian Journal of Surgical Oncology 7, no. 1 (March 2016): 2–3. doi:10.1007/s13193-016-0507-3.
2. Dwivedi, Shailendra, Apul Goel, Sanjay Khattri, Anil Mandhani, Praveen Sharma, **Sanjeev Misra** and Kamlesh Kumar Pant. "Genetic Variability at Promoters of IL-18 (pro-) and IL-10 (Anti-) Inflammatory Gene Affects Susceptibility and Their Circulating Serum Levels: An Explorative Study of Prostate Cancer Patients in North Indian Populations." Cytokine 74, no. 1 (July 2015): 117–22. doi:10.1016/j.cyto.2015.04.001.
3. Dwivedi, Shailendra, Apul Goel, Anil Mandhani, Sanjay Khattri, Praveen Sharma, **Sanjeev Misra** and Kamlesh Kumar Pant. "Functional Genetic Variability at Promoters of pro-(IL-18) and Anti-(IL-10) Inflammatory Affects Their mRNA Expression and Survival in Prostate Carcinoma Patients: Five Year Follow-up Study." The Prostate 75, no. 15 (November 2015): 1737–46. doi:10.1002/pros.23055.

4. Dwivedi S, Samdariya S, Chikara G, Goel A, Pandey RK, Pareek P, Khattri S, Sharma P, **Misra S**, Pant KK. Applied Molecular Biotechnology: The Next Generation of Genetic Engineering. CRC Press; 2016 Mar 23
5. Dwivedi, Shailendra, Sarvesh Singh, Apul Goel, Sanjay Khattri, Anil Mandhani, Praveen Sharma, **Sanjeev Misra** and Kamlesh Kumar Pant. "Pro-(IL-18) and Anti-(IL-10) Inflammatory Promoter Genetic Variants (Intrinsic Factors) with Tobacco Exposure (Extrinsic Factors) May Influence Susceptibility and Severity of Prostate Carcinoma: A Prospective Study." Asian Pacific Journal of Cancer Prevention: APJCP 16, no. 8 (2015): 3173–81.
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7. Gupta, Sameer, Channabasappa Kori, Vijay Kumar, and **Sanjeev Misra**. "Successful Resection of Large Solitary Pulmonary Metastasis from a Malignant Phylloides Breast Tumor: A Rare Phenomemon." Indian Journal of Gynecologic Oncology 13, no. 1 (December 2015). doi:10.1007/s40944-015-0010-8.
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9. Kumar, Vijay, JeewanRam Vishnoi, ChannabasappaG Kori, Sameer Gupta, **Sanjeev Misra** and Naseem Akhtar. "Primary Malignant Melanoma of Oral Cavity: A Tertiary Care Center Experience." National Journal of Maxillofacial Surgery 6, no. 2 (2015): 167. doi:10.4103/0975-5950.183856.
10. **Misra, Sanjeev**, Akash Agarwal, and Arun Chaturvedi. "Cancer Surgery: An Indian-Asian Perspective." The Lancet Oncology 16, no. 11 (September 2015): 1189–90. doi:10.1016/S1470-2045(15)00277-6.
11. Rai, Rajani, Jong Joo Kim, **Sanjeev Misra**, Ashok Kumar, and Balraj Mittal. "A Multiple Interaction Analysis Reveals ADRB3 as a Potential Candidate for Gallbladder Cancer Predisposition via a Complex Interaction with Other Candidate Gene Variations." International Journal of Molecular Sciences 16, no. 12 (November 25, 2015): 28038–49. doi:10.3390/ijms161226077.
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15. Singh, Vineeta, Nuzhat Husain, Naseem Akhtar, Vijay Kumar, Shikha Tewari, Sridhar Mishra, **Sanjeev Misra**, and M. Y. Khan. "Do Human Papilloma Viruses Play Any Role in Oral Squamous Cell Carcinoma in North Indians?" *Asian Pacific Journal of Cancer Prevention: APJCP* 16, no. 16 (2015): 7077–84.
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## Milestones

- 07<sup>th</sup> April, 2015 : Adhoc Dean's Academic Committee,  
First Meeting at AIIMS, Jodhpur
- 08<sup>th</sup> April, 2015 : Adhoc Dean's Examination Committee,  
First Meeting at AIIMS, Jodhpur
- 08<sup>th</sup> April, 2015 : Adhoc Dean's Research Committee,  
First Meeting at AIIMS, Jodhpur
- 09<sup>th</sup> April, 2015 : Adhoc Staff Council, First Meeting at AIIMS, Jodhpur
- 14<sup>th</sup> May, 2015 : First Academic Committee Meeting at AIIMS, Jodhpur
- 06<sup>th</sup> June 2015 : Inauguration of Central Laboratory, Blood Bank,  
Computerized Patient Management System and Physical  
Medicine and Rehabilitation Block at AIIMS, Jodhpur
- 03<sup>rd</sup>-10<sup>th</sup> September 2015 : "Tejas", First Inter-batch Sports festival at AIIMS, Jodhpur
- 12<sup>th</sup> September 2015 : 3<sup>rd</sup> Annual Day at AIIMS, Jodhpur
- 21<sup>st</sup> September 2015 : Operative Separation of Conjoint twins at AIIMS, Jodhpur
- 09<sup>th</sup> October, 2015 : Fresher's Day at AIIMS, Jodhpur
- 13<sup>th</sup> October, 2015 : 2<sup>nd</sup> Meeting of Institute Body
- 27<sup>th</sup> October, 2015 : First DSA at AIIMS, Jodhpur
- 7<sup>th</sup> December, 2015 : First CT Scan at AIIMS, Jodhpur
- 12<sup>th</sup> February, 2016 : Saraswati Puja at AIIMS, Jodhpur
- 08<sup>th</sup> March, 2016 : First Autopsy at AIIMS, Jodhpur



# **Hospital Services**



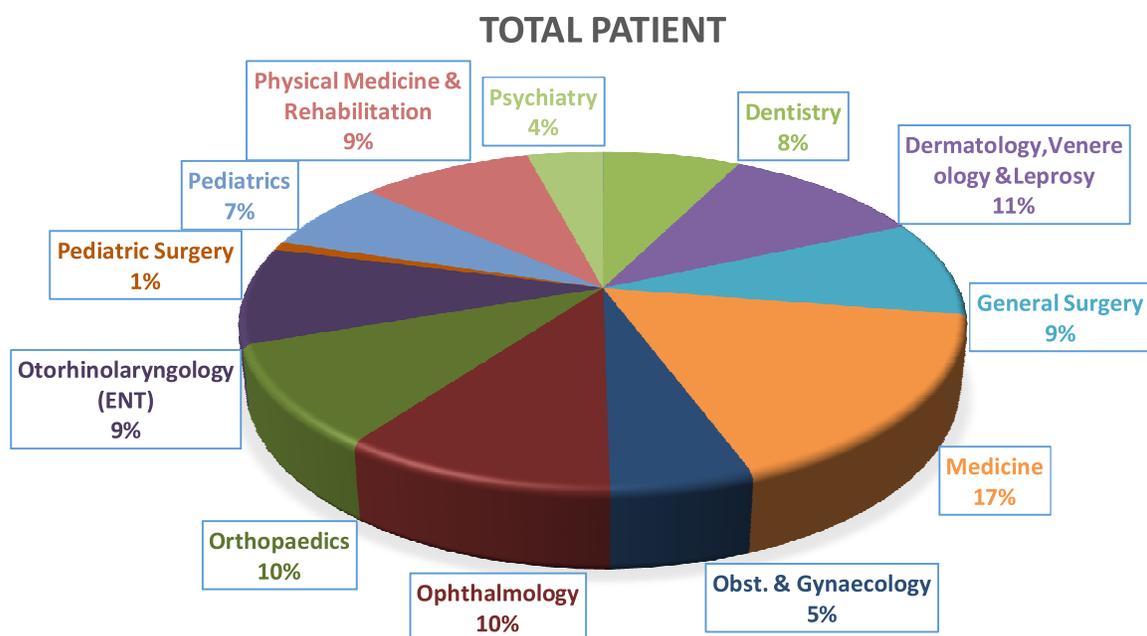
## Hospital Services

### 1. OPD Services at AIIMS, Jodhpur

**OPD services :** The Outpatient Department (OPD) at AIIMS, Jodhpur is completely paperless from the day of its inception. The OPD occupies a very important value in any Institute or hospital and is considered to be a window to the hospital care. OPD in a Medical Institute has broadly 3 roles- Patient care, medical education and research.

**Patient Care:** The patients in OPD need compassionate care, clear communication and convenience. We, at AIIMS Jodhpur have endeavor to provide this along with concern for the patients. Inpatient care, sanatorium for chronic illnesses and hospitalization are now showing decreasing trends globally and are restricted to those with serious illness or requiring major operative procedures. Even the surgeries are being performed during OPD or day care in well patients; admissions are reserved for patient requiring detail workup, observation or complex surgeries. The coordinated OPD services also minimize patient time for hospitalization as the Pre-operative check-ups are also provided on an OPD basis.

At AIIMS Jodhpur, OPD services were launched on 27<sup>th</sup> July 2013 with basic clinical departments and diagnostic facility in the ground floor of the OPD Complex. This was expanded to first floor in 2014 and diagnostic facility shifted to IPD block in 2015. Since the launch, total new patients seen in OPD being 3,59,005. The patient once registered can visit any number of OPDs. For the year 2015-16, we had 148339 new patients registered in the AIIMS OPD which is 71 % more than during 2014-15. The total new patients seen were 148830. The department wise distribution is depicted as follows:



The OPD services at AIIMS Jodhpur are provided through 5 Registration counters, 3 OPD ticket counters, 15 Clinical and 4 diagnostic departments through 5 blocks having 45 consultation rooms, 4 treatment/dressing rooms, 4 teaching room and 3 recording rooms.

Maximum patients seek consultation in General Medicine but each department has come across some not so common conditions also.

Department	Common Conditions	Uncommon conditions
Medicine	Hypertension, diabetes, obesity, common fevers, headache, abdominal pain, TB, pneumonia, HLS, Malaria, DVT, polymyositis, diarrhea	Mixed Connective tissue disorders, Brucellosis, Typus fever, Adult onset stills disease, Hyper-homocysteinemia causing DVT, Sarcoidosis, Addison's disease caused by Tuberculosis
Orthopedics	Backache, osteo-arthritis, CTEV, fractures, lumbar spondylitis, AVN hip	Sprengel shoulder, skeletal dysplasia
Physical medicine & Rehabilitation	Arthritis, spondylitis, migraine	Pain syndromes,
ENT	Common Cold, Pharyngitis, tonsillitis, deafness, ear discharge, tumour	CSF Rhinorrhea, skull base tumors, Sjogren syndrome
Pediatrics	Fever, growth problems, asthma, Diabetes, obesity, seizure disorders, CP	Huntington, Leucocyte adhesion defect,
Ophthalmology	Visual problem, cataract,	Ectopia Pupillae, RP, KF rings, lens subluxation
Pulmonary Medicine	Asthma, ILD, Pul Tub, COPD, CA lung	Sleep disorders
General Surgery	Appendicitis, hernia, cholecystitis	
Oncology	All types of cancer	
Pediatric surgery	Hypospadias, hernia, undescended testes	Wilms tumour, congenital lobar emphysema
Obstetrics & Gynecology	Menstrual problems, BOH, ovarian, cervical, endometrial, vulval malignancy, infertility, urinary problems in females	Genetic cases, Turner, disorders of sexual differentiation, premature ovarian failure
Dermatology	Acne, Tinea, psoriasis, rashes, contact dermatitis, scabies	Nevoid follicular epidermolytic hyperkeratosis, Epidermolysis bullosa dystrophic, Linear Darier disease
Psychiatry	Neurosis, psychosis, opium addiction, alcoholism	Sleep disorders

**Education:** The OPD is the most appropriate place for education- both for patients and for healthcare professionals. For patients, OPD provides a place to consult multiple doctors, health educators and counselors. The resident doctors are a link between medical experts and patients and help in clarifying many issues the patient may have. Our faculty always makes an effort to identify those requiring more attention and those requiring urgent

evaluation. The OPD is also a perfect place for learning communication skills for students. Under the guidance of faculty members and resident doctors, students are learning history taking and examination with most time-efficient interviewing questions and skills. In fact, OPD provides the perfect place for vicarious learning, i.e., learning by observing- for patients, students, resident and faculty.

**Research:** Availability of Computerised Patient Management System (CPMS) has opened a new facet for conducting research in OPD setting. The data available being restricted to patients visiting hospital may only reflect the tip of the iceberg but gives lead to Community Medicine Department and other researchers to explore these disorders in depth in the region. Hitherto untapped potentials of CPMS are being explored- epidemiological, behavioral, attitudinal, complex and rare disorders workup. Institute is also exploring possibility of using the cases for enhancing students' learning and using case records as teaching tools.

## 2. Inpatient Department (IPD) Services

The IPD Services at AIIMS, Jodhpur are totally paperless from the very beginning. Hospital services especially Inpatient Department form the significant component of the scope of All India Institute of Medical Sciences at Jodhpur. Inpatient Department (IPD) is important not only towards providing advanced treatment to sick patients but is also essential for providing quality undergraduate training for our MBBS and MSc (Nursing) students. The institute has been rapidly consolidating the established infrastructure and improving on the equipments and services being provided at the Institute. This provides for a better health care for our patients.

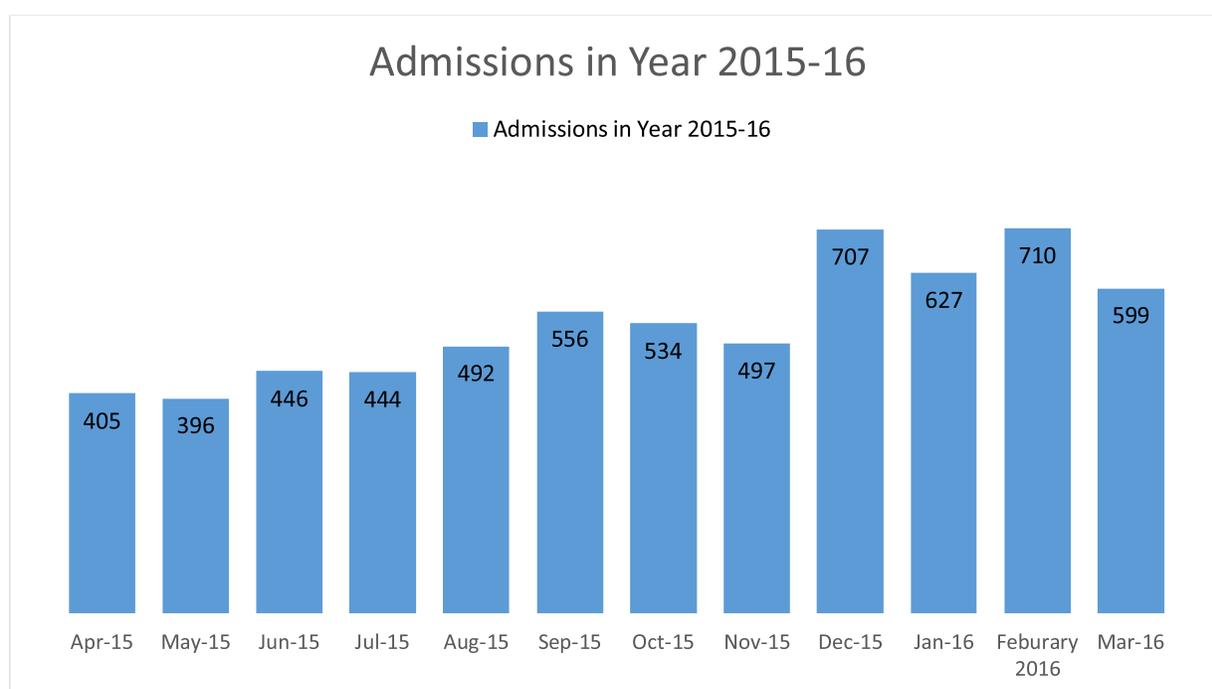
IPD services were started on 5<sup>th</sup> February 2014 on the 2<sup>nd</sup> and 4<sup>th</sup> Floor of the OPD Block. Now, with the addition of the Intensive Care Unit, Neonatal and Pediatric care units, Labour Room and Day Care Ward, the IPD has extended to the 1<sup>st</sup> to the 4<sup>th</sup> Floor of the OPD Block. Currently, we are functioning with 204 beds in the IPD. The usual bed occupancy rate at the hospital in more than 95% with vacant beds a rarity.

To ensure optimal utilization of the IPD beds, we have stayed away from Departmental bed distribution but have opted to have a general ward system. In this system, no beds are reserved for any specific speciality but can be utilized by any speciality for admitting patients. Our wards are fully airconditioned and also have a provision of Semi-Private and Private wards. All wards are adequately provided by manpower so as to ensure optimum comfort to the patient. All medicines, injections and other consumables are provided to the patient free of cost and are included in the built in bed charges.

The total number of patients admitted to the IPD for year 2015-16 has been six thousand four hundred and thirteen (6413). This takes the number of patients admitted to the IPD since inception to eight thousand seven hundred and twenty nine (8729). This years admission data demonstrates almost a three fold jump since the last year. This is a

testament to the quality services being provided at the All India Institute of Medical Sciences Hospital.

<b>Month wide IPD Admissions in Year 2015-16</b>	
April 2015	405
May 2015	396
June 2015	446
July 2015	444
August 2015	492
September 2015	556
October 2015	534
November 2015	497
December 2015	707
January 2016	627
February 2016	710
March 2016	599



Labour Room services were started at the AIIMS Hospital from 10<sup>th</sup> December 2015. More than 40 deliveries were performed since inception in the year 2015-16 which included both normal deliveries and caesarian sections. We are gradually increasing obstetric services at the Institute.

An advanced bronchoscopy room has been established in the IPD. Advanced diagnostic bronchoscopic procedures like endobronchial biopsy, transbronchial lung biopsy and transbronchial needle aspiration are being performed. More than 120 bronchoscopic procedures during last one year including NBI (Narrow Band Imaging) bronchoscopy to detect early cancer lesions. The facility for pulmonary function tests are also included in the bronchoscopy room.

With advanced and critical treatment being provided at the Institute, the need and utilization of the Intensive care units at the Hospital has been increasing. We have a functioning 6 bedded Adult Intensive Care Unit along with Neonatal and Pediatric Intensive care units. The total bed strength of ICU at the Hospital is 18 beds. All these beds are provided with advanced ventilators, warmers, multiparameter monitors, bed side sonography and round the clock services. Facility for blood gas analysis is also available in the ICU complex.

The Intensive care unit complex has catered to four hundred and seventy one (471) patients in the year 2015-16. Adult ICU has managed 234 critically ill patients. The pediatric and neonatal intensive care units have managed 247 babies including very low birth weight babies.

Surgical care forms a critical part of any Hospital service. The surgical treatment was started on 31<sup>st</sup> March 2014 with one operating theatre. This was expanded to 5 major operating theatres on 25<sup>th</sup> September 2014. The operation theatre complex also has a minor operating theatre to take care of minor surgical procedures. All operating theatres are equipped with advanced anaesthesia workstations and monitoring equipments. Fibreoptic bronchoscopy and laryngoscopy equipments are installed for tackling all the difficult intubations in the operating theatres. Ceiling mounted operating theatre LED lights, advanced operating tables, noiseless suction machines and a variety of advanced energy devices have been installed in the theatres. Apart from the routine open surgical instruments, the operating theatres also has four advanced Laparoscopic towers and advanced laparoscopic and endoscopic equipments available which can take care of all major operative endeavours.

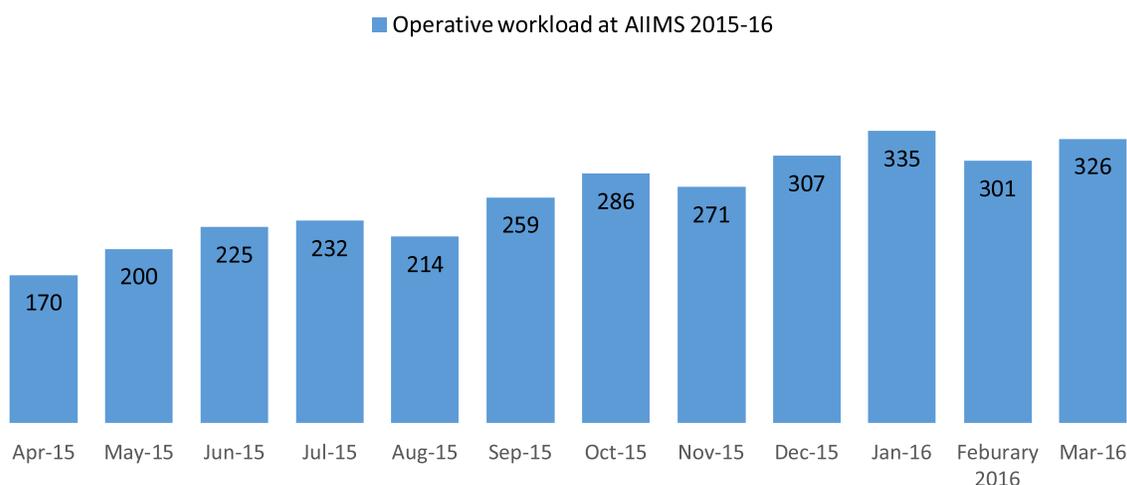
The institute has catered to three thousand one hundred and twenty six (3126) major operations in the year 2015-16. This has taken the number of major surgeries performed at the Institute since inception to more than four thousand cases (4042). This has included advances surgical procedures like conjoined twins separation, whipple's procedure, leino-renal shunts, commando's procedures, laparoscopic Wertheims Hysterectomy, Knee and Hip replacements etc

The institute has the distinction of being one of the first institutes in government sector (after AIIMS Delhi) to have successfully performed a conjoined twin separation. It took the contribution and hard work of more than 60 medical personnel to successfully separate and manage the conjoined twins after separation. It is a testament to the rapid growth the Institute has made in the field of health care.

The institute has also established minimal access surgery and is quietly pushing the frontiers of MIS both at a state level and nationally. The institute also became the first Institute in Rajasthan to do a laparoscopic Wertheim's hysterectomy. The institute also was among the first institutes to start neonatal minimal access procedures. Cochlear Implantation for deafness is also being done regularly at the institute.

<b>Operative workload at AIIMS 2015-16</b>	
Apr 2015	170
May 2015	200
June 2015	225
July 2015	232
August 2015	214
September 2015	259
October 2015	286
November 2015	271
December 2015	307
January 2016	335
February 2016	301
March 2016	326

### Operative workload at AIIMS 2015-16



The institute has been steadily consolidating on the foundations laid over the previous years and has been successful in increasing utilization of the existing resources to the maximum. The future plans of expansion includes expanding the bed strength to 500 beds

and to increase the number of operating theatres to ten to allow the Institute to cater to a larger segment of population.

### 3. Diagnostic Services

The department of Biochemistry in this period has had several installations, which has enhanced capabilities and added to new technology. Two Nova Biomedical ABG and Av5800 Fully Automated Biochemistry analyser were installed enhancing the pre-existing capabilities. In addition gel documentation system, HPLC, Flow Cytometer, PCR and RT-PCR have been installed which adds to technology in the delivery of sophisticated tests and research facility. The department performed and reported on 1,50,419 tests during the period, which had a spread over a wide menu of tests. A total of 14,805 electrolyte analysis were carried out and 14,604 hormonal assays were carried out.

The department of Microbiology performed the following investigations during the period.

- 1) Bacteriology Lab: Culture & Smear microscopy – 3913
- 2) Blood cultures using fully Automated Blood cultures system (BACTEC-FX and BacT/ALERT-3D) – 739
- 3) Serological tests (Bacterial and Viral) – 12213
- 4) Stool examination & PBS for Parasites – 642
- 5) Fungal smear & culture – 199
- 6) AFB smear and mycobacterial culture – 1300
- 7) Mantoux tests – 288
- 8) Microscopy under DOTS – 868
- 9) HIV screening under ICTC – 1077
- 10) STI screening under STI clinic – 85

The department of Pathology which already had a state of the art automated walk away histopathology Lab added to its capability by new installations. A modular grossing stations was installed which has the capability of image capture, Video photography and a Dictaphone. A fully automated haematology analyser and fully automated coagulation platform was installed enhancing the haematology arm of Pathology. One pentahead microscopy and six faculty microscopes have also been installed.

The following tests were performed during the period:

1)	CBC	-	19109
2)	ESR (Automated)	-	4283
3)	PBF	-	1524
4)	Urine	-	10476
5)	Referral Histopathology	-	185
6)	Histopathology	-	3578
7)	IHC	-	1116
8)	PAP	-	979
9)	FNAC	-	1332
10)	MP	-	71
11)	BM	-	26
12)	Retic	-	293
	<b>Total</b>	<b>-</b>	<b>42972</b>

The radiology services at AIIMS, Jodhpur are totally paperless from the very beginning. The department has become fully equipped to handle the diagnostic and interventional services of outpatients and referred patients. Details of the investigations and procedures done during the year ending 31<sup>st</sup> March 2016 are as follows:

1)	Vascular interventions	-	82
2)	Non vascular interventions	-	532
3)	CT scans	-	704
4)	Ultrasounds	-	6824
5)	Dopplers	-	659
6)	Mammographies	-	52
7)	Plain x-rays	-	25674
8)	Contrast investigations	-	192

# **Health Minister's Visit**



**Visit of Shri Jagat Prakash Nadda  
Honourable Union Minister of Health and Family Welfare  
and President of the Institute Body  
on 06<sup>th</sup> June, 2015**

Shri Jagat Prakash Nadda, Honorable Union Minister of Health and Family Welfare along with Shri Gajendra Singh Khimsar, District in-charge and Minister of Industries (GoR) and Shri Rajendra Singh Rathore, Minister of Medicine and Health (GoR), Shri Gajendra Singh Shekhawat, Member of Parliament (Jodhpur) & Member AIIMS Institute Body Dr. Manoj Rajoria, Member of Parliament (Dholpur-Karoli) & Member AIIMS Institute Body Shri P. P. Choudhary, Member of Parliament (Pali), Shri Narayan Lal Panchariya, Member of Parliament (Rajya Sabha), Shri Ram Narayan Dudi, Member of Parliament (Rajya Sabha), Shri Jaswant Singh Bishnoi, Chairman Central Wool Development Board, Jodhpur with other distinguished guests visited AIIMS, Jodhpur on 06<sup>th</sup> June, 2015

Shri J. P. Nadda, Honourable Union Minister of Health and Family Welfare along with dignitaries inaugurated the Central Laboratory Block, Physical Medical & Rehabilitation Block as well as Computerised Patient Management System (CPMS).

The dignitaries went around the Hospital and Medical College Complex, reviewed the institutes' operational activities as well as construction process.

Shri J. P. Nadda, Honorable Union Minister of Health and Family Welfare along with Guests interacted with the Faculty and the MBBS Students.



Director AIIMS Jodhpur, Dr. Sanjeev Misra welcoming Shri J. P. Nadda,  
Hon'ble Union Minister of Health & Family Welfare



Dignitaries on the dais



Shri J. P. Nadda, Hon'ble Union Minister of Health & Family Welfare & other dignitaries Inaugurating the Blood Bank



Hon'ble Union Minister Shri J. P. Nadda with other dignitaries inaugurating the Laboratory Complex



Dignitaries taking a round of the Institute



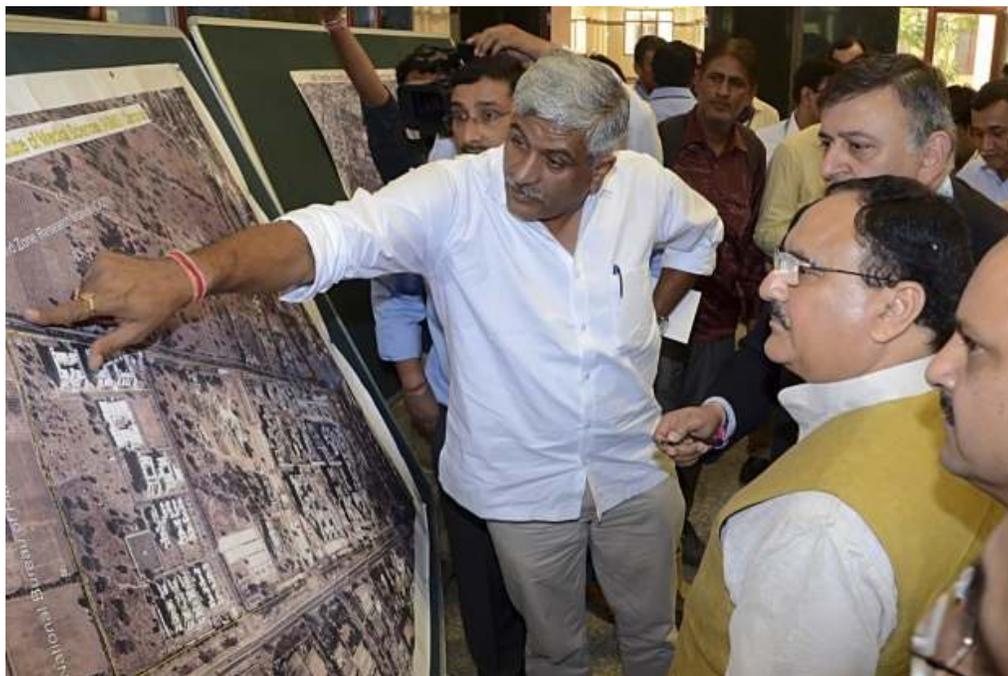
Hon'ble Union Minister Shri J. P. Nadda & dignitaries  
visiting the Laboratory



Hon'ble Union Minister Shri J. P. Nadda & dignitaries  
visiting the Departments



Hon'ble Union Minister Shri J. P. Nadda & dignitaries  
Visiting at Physical Medicine & Rehabilitation Department



Hon'ble Union Minister Shri J. P. Nadda & dignitaries  
Planning for the Future

The inauguration can be viewed at: <https://www.youtube.com/watch?v=XsudIPeukcY>



# **Third Annual Day**



## Third Annual Day, 12<sup>th</sup> September, 2015

The Third Annual Day of AIIMS, Jodhpur was celebrated on 12<sup>th</sup> September 2015. The Chief Guest was Professor Ravi Kant, Vice Chancellor, King George's Medical University, Lucknow. Several dignitaries, scientists, academicians and doctors from the city also graced the occasion.

Dr. Sanjeev Misra, Director, AIIMS, Jodhpur presented the Annual Report of the Institute and highlighted the progress made by the Institute including the OPD as well as IPD services. He also put forth the achievements of the Faculty and the Students.

Professor Ravi Kant urged medical students to not only excel in studies but provide compassionate medical care to everyone.

The meritorious students were awarded for their academic achievements in the First Professional Examination held in July 2015.

On this occasion new issue of the Newsletter "Rohida- the Communique" was also released.

The function was followed by a cultural program presented by the students of the Institute.



Lighting the Lamp



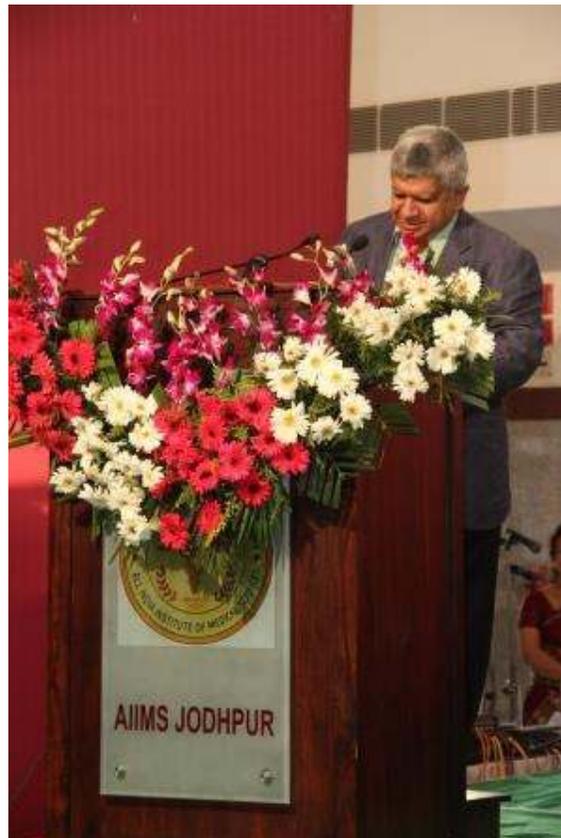
Dr. Sanjeev Misra, Director AIIMS Jodhpur Welcoming the Chief Guest Prof. Ravikant, Vice Chancellor, King George's Medical University, Lucknow



Dignitaries on the dais



Dr. Sanjeev Misra addressing the gathering



Chief Guest, Prof. Ravikant, VC, KGMU, Lucknow  
addressing the gathering

## ● Awards for Academic Excellence

A) Awardees for academic excellence in their **Second Professional M.B.B.S.** Examination held in December 2014:

### **Nikhil Rajvanshi**

- Director's Gold Medal and Certificate of Excellence
- Book prize for standing first
- Gold Medal in Microbiology and Certificate of Excellence
- Certificate of Honour and Silver Medal in Pathology
- Certificate of Honour and Silver Medal in Pharmacology
- Certificate of Honour and Silver Medal in Microbiology
- Certificate of Honour in Forensic Medicine and Toxicology

### **Galib Mirza Nasirul Islam**

- Director's Silver Medal and Certificate of Excellence
- Book prize for standing Second
- Gold Medal in Pathology and Certificate of Excellence
- Gold Medal in Pharmacology and Certificate of Excellence
- Gold Medal in Forensic Medicine and Toxicology and Certificate of Excellence
- Certificate of Honour and Silver Medal in Pathology
- Certificate of Honour and Silver Medal in Pharmacology
- Certificate of Honour in Microbiology
- Certificate of Honour in Forensic Medicine and Toxicology

### **Vartika Kesarwani**

- Certificate of Honour and Silver Medal in Pathology
- Certificate of Honour in Pharmacology
- Certificate of Honour in Microbiology
- Certificate of Honour in Forensic Medicine and Toxicology

### **Abhijeet Singh Barath**

- Certificate of Honour and Silver Medal in Microbiology
- Certificate of Honour in Pathology
- Certificate of Honour in Pharmacology
- Certificate of Honour in Forensic Medicine and Toxicology

### **Prakriti Yadav**

- Certificate of Honour and Silver Medal in Pathology
- Certificate of Honour in Pharmacology
- Certificate of Honour in Microbiology

### **Veena Laxmi**

- Certificate of Honour in Pathology
- Certificate of Honour in Pharmacology
- Certificate of Honour in Microbiology

### **Swapnil Tripathi**

- Certificate of Honour in Pathology
- Certificate of Honour in Pharmacology
- Certificate of Honour in Microbiology

### **Sulochana Sarswat**

- Certificate of Honour in Pathology
- Certificate of Honour in Pharmacology

### **Parag Vijayvergia**

- Certificate of Honour in Pathology
- Certificate of Honour in Pharmacology

### **Tulsi Appat**

- Certificate of Honour in Microbiology

**B) Awardees for Academic excellence in their **first Professional** MBBS Examination held in July 2015:**

### **Naveen Maheshwari**

- Director's Gold Medal and Certificate of Excellence
- Book prize for standing first
- Gold Medal in Physiology and Certificate of Excellence
- Gold Medal in Biochemistry and Certificate of Excellence
- Certificate of Honour and Silver Medal in Physiology
- Certificate of Honour and Silver Medal in Biochemistry
- Certificate of Honour in Anatomy

### **Vandana Kapoor**

- Director's Silver Medal and Certificate of Excellence
- Book prize for standing second
- Gold Medal in Anatomy and Certificate of Excellence
- Certificate of Honour and Silver Medal in Physiology
- Certificate of Honour in Anatomy
- Certificate of Honour in Biochemistry

**Sachdeva Aashna Manoj**

- Certificate of Honour and Silver Medal in Biochemistry
- Certificate of Honour in Physiology

**SarveshYadav**

- Certificate of Honour in Anatomy
- Certificate of Honour in Biochemistry

**Gaurav Goel**

- Certificate of Honour in Anatomy
- Certificate of Honour in Biochemistry

**Arjun**

- Certificate of Honour in Anatomy
- Certificate of Honour in Physiology

**Dheerain Kumar Gupta**

- Certificate of Honour in Physiology
- Certificate of Honour in Biochemistry

**Anshu Goyal**

- Certificate of Honour in Physiology
- Certificate of Honour in Biochemistry

**Aditi**

- Certificate of Honour in Physiology
- Certificate of Honour in Biochemistry

**Urmila**

- Certificate of Honour in Anatomy

**Hemant Choudhary**

- Certificate of Honour in Physiology

**Ayush Gupta**

- Certificate of Honour in Biochemistry

**Harsh Khandelwal**

- Certificate of Honour in Biochemistry

**Sukhda Monga**

- Certificate of Honour in Biochemistry

**Rishitha Pravallika**

- Certificate of Honour in Biochemistry

**C) Awardees for Academic excellence in their B. Sc. (Hons.) Nursing 2<sup>nd</sup> Year Examination held in July 2015:**

**Raksha Yadav**

- Gold Medal and Certificate of Excellence
- Certificate of Honour in Pharmacology
- Certificate of Honour in Medical Surgical Nursing-II
- Certificate of Honour in Sociology

**Pushpa**

- Silver Medal and Certificate of Excellence
- Certificate of Honour in Pharmacology
- Certificate of Honour in Medical Surgical Nursing-II

**Anjani Walia**

- Certificate of Honour in Microbiology
- Certificate of Honour in Sociology

**Neha Sharma**

- Certificate of Honour in Pharmacology
- Certificate of Honour in Medical Surgical Nursing- II

**Harmanjot Dhindsa**

- Certificate of Honour in Pharmacology
- Certificate of Honour in Medical Surgical Nursing- II

**Shalini Raj Kumawat**

- Certificate of Honour in Pathology & Genetics
- Certificate of Honour in Medical Surgical Nursing- II

**Pooja Pawar**

- Certificate of Honour in Medical Surgical Nursing- II
- Certificate of Honour in Sociology

**Jyoti Jangid**

- Certificate of Honour in Medical Surgical Nursing- II

**Khawa Sanju Pukhraj**

- Certificate of Honour in Medical Surgical Nursing- II

**Santosh Yadav**

- Certificate of Honour in Medical Surgical Nursing- II

**D) Awardees for Academic excellence in their B. Sc. (Hons.) Nursing 1<sup>st</sup> Year Examination held in July 2015**

**Nisha D/o Mr. Babu Lal Choudhary**

- Gold Medal and Certificate of Excellence
- Certificate of Honour in Anatomy & Physiology
- Certificate of Honour in Nursing Foundations
- Certificate of Honour in Psychology

**Tabbasum Khan**

- Silver Medal and Certificate of Excellence
- Certificate of Honour in Nursing Foundations

**Himani**

- Certificate of Honour in Nursing Foundations

**Bhanu Priya Sharma**

- Certificate of Honour in Nursing Foundations

**Priya Solanki**

- Certificate of Honour in Nursing Foundations

**Nisha D/o Mr. Ramveer Singh**

- Certificate of Honour in Nursing Foundations

**Priyanka Bhati**

- Certificate of Honour in Nursing Foundations



Award to Meritorious Students



Award to Meritorious Students

## **“Rohida- the Communique”, News Letter of AIIMS Jodhpur**

Rohida- the state tree of Rajasthan symbolizes beauty, hardiness, loftiness of purpose and adaptability. It is an epitome, a singular testimonial to the magnanimity of nature at its zenith. Not merely surviving, but flourishing in the hardest of terrains and withstanding extremes of temperatures to emerge as the sole torch bearer. Renowned not only for its timber quality, it also is an excellent source of firewood and charcoal and its leaves serve as fodder for the livestock.

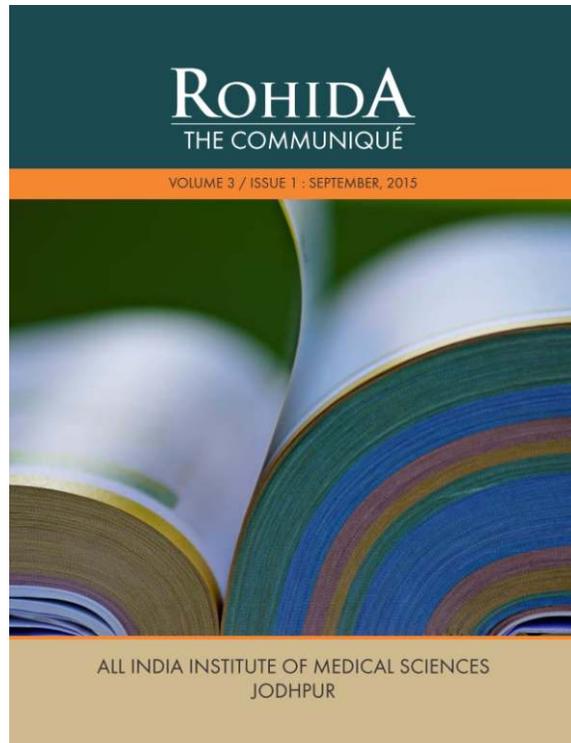
Rohida is also known for its medicinal properties. This tree is a remarkable environmental conservationist also.

Metaphorically, AIIMS, Jodhpur symbolizes all this and much more. AIIMS, Jodhpur is committed to delivering the best and go beyond the call of duty and serve as a benchmark of medical care not only for the region but also for the country at large.

**“Rohida- the Communique”** presents the growth of the Institute bi-annually.

### **Editorial Team:**

Chairman	: Dr. Sanjeev Misra
Chief Editor	: Dr. Arvind Sinha
Editors	: Dr. Rajesh Sharma : Dr. Poonam Elhence : Dr. Pankaj Bhardwaj : Dr. Amit Goyal : Dr. Pushpinder S Khera : Dr. Neeraj Gupta
Students’s Representatives	: Mr. Sarthak : Ms. Nagma Sheenam



**Cover Page of Fourth issue**



**Release of 'Rohida – The Communique'**



# **Eminent Visitors**



## **Eminent Visitors at AIIMS, Jodhpur**

Various eminent personalities visited AIIMS, Jodhpur in 2015-16.

- 06 June 2015 : Shri J. P. Nadda, Hon'ble Union Minister of Health & Family Welfare, Government of India, and President of Institute's Body, AIIMS, Jodhpur.
- 06 June 2015 : Shri Rajendra Rathore, Minister of Medicine & Health, Government of Rajasthan.
- 06 June 2015 : Shri Gajendra Singh Khimsar, Minister of Industries, Government of Rajasthan.
- 06 June 2015 : Shri Gajendra Singh Shekhawat, Member of Parliament, Jodhpur and Member Institute Body, AIIMS, Jodhpur.
- 06 June 2015 : Dr. Manoj Rajoria, Member of Parliament, Dholpur-Karoli and Member Institute Body, AIIMS, Jodhpur.
- 06 June 2015 : Shri P. P. Choudhary, Member of Parliament, Pali
- 06 June 2015 : Shri Narayan Lal Panchariya, Member of Parliament, Rajya Sabha
- 06 June 2015 : Shri Ram Narayan Dudi, Member of Parliament, Rajya Sabha
- 06 June 2015 : Shri Jaswant Singh Bishnoi, Chairman, Central Wool Development Board, Jodhpur.
- 06 June 2015 : Shri Ghanshyam Ojha, Mayor, Jodhpur Municipal Corporation, Jodhpur.
- 12 September 2015 : Prof. Ravi Kant, Vice Chancellor, King Goarg University, Lucknow(U.P.)
- 12 September 2015 : Prof. C. V. R. Murty, Director, Indian Institute of Technology, Jodhpur
- 12 September 2015 : Shri Sunil Sharma, Joint Secretary, Ministry of Health & Family Welfare, New Delhi.
- 27 October 2015 : Prof. Alok Dhawan, CSIR-Indian Institute of Toxicology Research, Lucknow
- 27 October 2015 : Ms. Lesley Onyon, Regional Advisor WHO Regional Office for South East Asia
- 27 October 2015 : Prof. Yome Annitri, Bar Ilan University, Ramat-Gan, Israel.
- 27 October 2015 : Dr. S. J. S. Flora, Defense Research & Development Establishment, Ministry of Defense, Govt of India, Gwalior
- 27 October 2015 : Dr. Girdhar Gyani, Director General – Association of Healthcare Providers, New Delhi

- 27 October 2015 : Dr. Thuppil Venkatesh, National Chairman for Indian Society for Lead Awareness and Research (InSLAR), & Director, NRCLPI.
- 27 October 2015 : Prof. Abbas Ali Mahdi, President, Indian Society for Lead Awareness and Research (InSLAR), KGMU Lucknow
- 11 December 2015: Prof. Dhavendra Kumar, Consultant in Clinical Genetics, University Hospital of Wales, Cardiff University, UK.
- 12 December 2015: Dr. I. C. Verma, Director, Centre of Medical Genetics, Sir Ganga Ram Hospital, New Delhi
- 13 December 2015: Dr. Ashutosh Halder, Professor, Reproductive Biology AIIMS New Delhi
- 13 December 2015: Dr. Shubha Phadke, Department of Medical Genetics, SGPGIMS Lucknow
- 13 December 2015: Dr. A Vellons, Metabolic Unit Great Ormond ST hospital for Children, London, UK
- 13 December 2015: Dr. Ashwin Dalal, Diagnostics Division, Centre for DNA Fingerprinting and Diagnostics, Hyderabad
- 13 December 2015: Dr. Prajnaya R, Department of Medical Genetics, Nizam's Institute of Medical Sciences, Hyderabad.
- 17 December 2015: Dr. Manjit S. Bains MD, Memorial Sloan Kettering Cancer Center New York

# **Students' Welfare Activities**



## Students' Welfare Activities

### Students Admitted in M.B.B.S. 2015

<b>ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR</b>			
<b>NAME LIST OF M.B.B.S. STUDENTS – 2015</b>			
<b>S.No.</b>	<b>NAME OF STUDENT</b>	<b>S.No.</b>	<b>NAME OF STUDENT</b>
1	AAKASH AGGARWAL	51	MUHAMMED THANVEER. P.M
2	ABHILASH SONI	52	MUKESH KUMAR
3	ABHILASHA PRATI HAR	53	NAMAN SETHIA
4	ABHISHEK CHAKRAVARTY	54	NAZIM HUSSAIN
5	ADITYA SHARMA	55	NISHCHAY NAGORI
6	AMIT GHOSH	56	NITESH SIDAR
7	ANANYA KAPOOR	57	NIVESH KUMAWAT
8	ANANYA SRIVASTAVA	58	OJASVI MEENA
9	ANKIT YADAV	59	OSHIMA GOYAL
10	ANSHUL SHARMA	60	PANKAJ KUMAR GANGWAL
11	ANUSHA MANSINGHKA	61	PARAS TEWARI
12	ARVIND	62	PAWAN JAKHAR
13	ASHWIN VAISAKH P P	63	PIYUSH SWAMI
14	AVINASH RAMACHANDRAN	64	PIYUSH YADAV
15	BENITTO PAVITHRAN	65	PRASHANT KUMAR SAINI
16	CHIRAG VOHRA	66	PRATYUSH PALIWAL
17	DARSHAN KUMAR RATHOR	67	PRIYANSH SHARMA
18	DIGVIJAY SINGH	68	RAMGOPAL DAMOR
19	DISHA	69	RAVNEET SINGH
20	GARIMA CHOUDHARY	70	ROHAN KUMAR
21	GOURAV	71	ROHIT SHARMA
22	GOUTAM GOYAL	72	RUPESH SINGH
23	GUNJAN KUMAR UIKEY	73	SADIYA ANSARI
24	GURARSH SINGH	74	SAH AISHWARYAKUMARI UMESH
25	HARIOM UDAINIYA	75	SAKET DADHICH
26	HARSH NAAG	76	SANJEEV KUMAR
27	HEMANT KHAIRWA	77	SANJOLI AGGARWAL
28	HIMANSHU MENGHWANI	78	SANJU
29	HIMANSHU NAGAR	79	SANKHLA ANITA RAJENDRA
30	ISHANT KUMAR SAHU	80	SARAN P A

<b>S.No.</b>	<b>NAME OF STUDENT</b>	<b>S.No.</b>	<b>NAME OF STUDENT</b>
31	JAIDEEP PILANIA	81	SAURABH AGARWAL
32	JITENDRA KUMAR LAKSHKAR	82	SAURAV ANAND
33	KARTIK YADAV	83	SENU CHOYAL
34	KAVIN SINGLA	84	SHASHIKANT SAINI
35	KETAN VERMA	85	SHEENAM SAINI
36	KULDEEP SONI	86	SHIFA GUHAGARKAR
37	KUNAL GEHLOT	87	SHIVANI SINGH
38	KUNAL KUMAR KASHI	88	SHREYASH SUDHISH JAIN
39	LAVINA JANU	89	SHUBHANGI MEENA
40	MANISH KUMAR	90	SHUBHANKIT GARG
41	MANISHA KODAN	91	SHYAM SUNDER
42	MANISHA KODAN	92	SRIJAN SINHA
43	MANVEER SINGH	93	TARUN KUMAR
44	MANVI SHARMA	94	TUSHAR JAIN
45	MEGHA MEENA	95	UJJWAL ARORA
46	MEHUL DULET	96	VAIDIK SARAIYA
47	MOHAMMED MUFEETH	97	VIBHA KUSH
48	MOHIT CHOUDHARY	98	VIKASH KUMAR
49	MOHIT KUMAR	99	VIKRAM KUMAR JANGIR
50	MONISH GUPTA	100	YASHWANT KUMAR VIRWADIA

## Students Admitted in B.Sc. (Hons.) Nursing, 2015

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR			
NAME LIST OF B.Sc. NURSING STUDENTS – 2015			
S.No.	NAME OF STUDENT	S.No.	NAME OF STUDENT
1	AKANKSHA	31	NIRMALA KUMARI
2	AMANPREET KAUR	32	NISHA YADAV
3	ANITA CHOUDHARY	33	PARMESHWARI
4	ANITA PRAJAPATI	34	POOJA
5	ANITA SENWAR	35	POOJA
6	ANJALI SINDHU	36	POOJA POONIA
7	ANJU RANI	37	PREETI KUMARI BAIRWA
8	ASHA	38	PREETI SHARMA
9	AVANTIKA	39	PREETI VERMA
10	GULAB KANWAR	40	PRIYA RATHORE
11	JYOTI KATEWA	41	PRIYANSHI DIXIT
12	JYOTI NANDA	42	RAJNI
13	KALPANA MEENA	43	RINKAL JANGID
14	KANIKA JAISWAL	44	RITIKA SAHOTRA
15	KOMAL	45	SANGEETA GHINTALA
16	KORAL CHOUDHARY	46	SHARDA SAINI
17	KRISHNA CHHANGANI	47	SHIVANI CHAUHAN
18	KRITI PANWAR	48	SHWETA SHARMA
19	MADHU SHARMA	49	SONALI SHARMA
20	MANJU	50	SUMAN
21	MANJU DINDOR	51	SUMAN
22	MEHAK SAINI	52	SUMAN BHATIA
23	MINAKSHI KHARADI	53	SUMAN CHOUDHARY
24	MONIKA	54	SUNITA KUMARI CHOUDHARY
25	MONIKA KUMARI	55	SUSHILA SEPAT
26	NEERU	56	UTTAM BUGALIA
27	NEHA PATIYAL	57	VARSHA KATARA
28	NIDHI	58	VINYA NEGI
29	NIDHI PATIYAL	59	VISHAKHA GHARU
30	NIKITA GAUTAM	60	YOGESH KUMARI

## Students' Welfare Activities

The real purpose of education is to equip 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. At AIIMS Jodhpur we encourage students to participate in sports, cultural, literary and academic activities for overall growth of their personality.

The new batch of MBBS students (Batch-2015) joined the institute on 26<sup>th</sup> Jul 2015. Independence Day was celebrated on 15<sup>th</sup> Aug 2015 with the Director of the Institute hoisting the flag and addressing the students, faculty and staff.

During the period 03<sup>rd</sup> Sep to 10<sup>th</sup> Sep 2015, the first Inter-batch Sports fest of AIIMS Jodhpur, 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 2013 was declared the Champion batch and they bagged 14 Golds, 04 Silver and 02 Bronze. Samarth Gupta of 2013 batch was adjudged the Best sportsmen and he bagged 10 Golds, 01 Silver and 01 Bronze. Jyoti Malav, Batch-2014 of college of Nursing, became the Best sportswomen by bagging 04 Golds and 01 Silver.

On 05<sup>th</sup> Sep 2015 the students celebrated **Lord Krishna Janmashtami**, an annual celebration of the birth of the Hindu deity Krishna. Students celebrated Janmashtami by fasting, worshipping Krishna and staying up until midnight. At midnight, students gathered around for devotional songs, dance and offered prayers. The **Dahi Handi** where teams of students formed human towers to reach a high-hanging pot of curd and break it was done to celebrate God's playful and mischievous side.

The **College Annual Day** was held on 12<sup>th</sup> Sep 2015. The Chief Guest for the Annual day was Professor Ravi Kant, Vice-chancellor of King George's Medical University, Lucknow. Professor Ravi Kant urged medical students to not only excel in studies but provide compassionate medical care to everyone. The occasion was marked by presentation of Academic awards to the meritorious students who excelled in the various Professional examinations held by the institute during 2014-15.

The "**Freshers' Day**" was celebrated on 09<sup>th</sup> Oct 2015 where students of the fresher batch of 2015 presented a cultural programme. **Saraswati Puja** was celebrated on the day of Basant Panchami by the students, faculty and staff on 12<sup>th</sup> Feb 2016.

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

On 06<sup>th</sup> and 07<sup>th</sup> April 2015, AIIMS students took part in the **Sports and cultural fest** conducted by National Institute of Fashion Technology (NIFT) Jodhpur. The students of AIIMS won 1<sup>st</sup> prize – 05, 2<sup>nd</sup> prize – 15 and 3<sup>rd</sup> prize – 05 in various events in the fest.

MBBS students of AIIMS Jodhpur participated in **Pulse-2015** being held at AIIMS New Delhi from 16<sup>th</sup> Sep – 22<sup>th</sup> Sep 2015 and bagged 02 Gold, 01 Silver, and 01 Bronze.

In the Sports fest of IIT Jodhpur “**VARCHAS**” held on 29<sup>th</sup> Oct – 02<sup>nd</sup> Nov 2015, the women Basketball team won the Silver Medal.

In the Inter- AIIMS sports and cultural fest, **Inter-Medics 2015**, held at AIIMS Bhubaneswar AIIMS Jodhpur stood Overall Runners-Up by bagging 1<sup>st</sup> prize – 41, 2<sup>nd</sup> prize – 32 and 3<sup>rd</sup> prize – 10.

Two students of Batch-2012, Galib Mirza and Nikhil Rajvanshi brought laurels to the institute in academics when they participated in the 18<sup>th</sup> Annual Conference of Indian Society of Vascular and Interventional Radiology.

### **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

Globally the training of medical graduates is transforming from knowledge and skill based curricula to “Competency based Medical Education”. 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 this to need of the society. The Faculty Development modules at AIIMS Jodhpur strive 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 provide 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. World medical educators are looking keenly on development of medical education scenario in India. 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 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 striving hard to be a leader in medical education. Many innovations are being discussed during special sessions and during Clinical Grand Rounds.

AIIMS Jodhpur is making an effort to further develop reforms in medical education through following activities:

1. Basic Course workshop module 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 Assessment

New teaching methods have also been introduced at AIIMS Jodhpur in year 2015-2016. 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 1<sup>st</sup> 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
2. **Orientation to Clinical Teaching:** A structured program of 3 weeks for 3<sup>rd</sup> MBBS students making them aware of contextual learning of 2<sup>nd</sup> Professional subjects with patient at the center stage. Students are sensitized to elicit clinical history, examination techniques and patient care with importance of electronic record keeping.
3. **Ambulatory Clinical teaching:** Bringing medical students out of the cocoon of teacher centered safe classroom teaching to realities of a professional course demanding huge amount of self directed but Preceptor guided learning in OPD setting is challenging. This the true learning where one can learn by observation. OPD is considered to be window to healthcare. 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.
5. **Problem based learning:** Students are encouraged to explore the case presented as sequential disclosure using problem triggers so as to encourage active learning which is self directed.
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.
8. **Community Based Skill Development:** The first MBBS batch was exposed to Community Medicine posting in 4 areas with emphasis on skill development. Student were highly satisfied in applying the medical knowledge in patient care.
9. **Casualty Postings:** First 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.

Feedback from students have been encouraging. The textbook based knowledge is now available at their fingertip with penetration of information technology and hence they particularly prefer to be engaged in their own learning. Institute is making efforts to provide as much as digital content to enhance self-paced learning and use more time for practice based skills. Efforts are there to make interactive learning through use of digital device like Clickers in classroom settings.

# Hostels



## Boys' Hostel

**Provost** : Dr. Brijendra Singh

**Assistant Provosts** : Dr. Puneet Setia  
Dr. Ram Karan Choudhary

Under Graduate Hostel consisting of 250 single seated rooms for Boys 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. 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 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 boy's hostel: 245**

MBBS (Batch 2015) - 74

MBBS (Batch 2014) - 76

MBBS (Batch 2013) – 58

MBBS (Batch 2012) – 37

### **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. Om Lata Bhagat

The Girls' hostel is managed by hostel committee under the guidance of Director, AIIMS, Jodhpur. The provost and assistant provosts regularly interact with the students and solve their problems.

Under graduate girls' hostel consisting of 200 single seated rooms for MBBS girls and 125 rooms for nursing girls is situated in the AIIMS residential complex. All rooms are single seated and fully furnished. In MBBS wing every room has attached toilet and in nursing wing every floor has total eight bathrooms, eight toilets (two each on corner of corridor).

The students have access to all the areas e.g Children Park, party lawn, amphitheater etc.

Facilities provided in the residential complex are

- I. Sports complex- outdoor games
- II. Recreational area- TV, reading hall, indoor games
- III. Mess
- IV. For extracurricular activities- classical & western dance classes,
- V. Physical activity- Karate , skating , yoga classes

Other facilities in the hostel:

- I. Fully furnished rooms with inbuilt almirah, storable bed, reading table, chair, small round table and electric fittings like ceiling fan and lights.
- II. Electric geyser for hot water and water cooler with inbuilt purifier in common areas.
- III. Manpower e.g. housekeeping staff, lady security caretakers for 24 hours
- IV. Common rooms on each floor for nursing as well as for medical students utilized for the purpose of watching TV, celebrations, exercise, reading etc.
- V. Visitor's room for the guests during visiting hours.
- VI. Medical facility in the form of emergency drugs, First AID box, immediate consultation and ambulance service if required
- VII. Strict measures are in place to prevent Ragging

**No. of students residing in medical wing of Girls hostel: 159**

MBBS (Batch 2015)	– 22
MBBS (Batch 2014)	– 23
BSC Nursing (Batch 2013)	– 60
MBBS (Batch 2013)	– 41
MBBS (Batch 2012)	– 13

**No. of students residing in nursing wing of Girls hostel: 111**

Nursing (Batch 2015)	– 54
Nursing (Batch 2014)	– 57

Nine BSC nursing students three from 2014 batch and six from 2015 batch opted to stay at their residence as they are from Jodhpur.



## Residents' Hostel

<b>Provost</b>	: Dr. Arvind Sinha
<b>Assistant Provosts</b>	: 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.



# **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 2500 medical text and reference books and about 500 books on Nursing. More than 80 online e-journals have been subscribed to by the library. In March 2016, the library became a member of the ERMED Consortium initiated by NML, New Delhi. Through this portal, access to 243 online e-journals across various specialties has been made possible. Several national and regional language newspapers and a few magazines of general interest are also available. The library also has a separate wing for e-classroom wherein different subjects are taught using various simulation and software modules.

### Central Mess

A Central Mess facility in the vicinity of the hostel was established with the start of the academic session. The fully air-conditioned Mess caters to both the boys and the girls students. The Mess provides clean and hygienic food to the students with comfortable seating arrangements. A Mess Committee which includes Student representatives was constituted to look after the maintenance as well as related issues including daily menu, hygiene as well as quality of food.



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 Recreational Facility

## Guest House

For visitors, a fully furnished Wi-Fi 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,

medicolegal 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 6<sup>th</sup> June 2015. The inauguration was attended by Shri. Gajendra Singh Shekhawat Honorable Members of Parliament (MPs) and Members of Institute body, 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 Singh 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 vision of Digital India is included in our endeavors to achieve a paperless hospital management and Data Storage system. The different Modalities of Hospital Activities which are catered for by the CPMS are:

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 In-patient 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.

We are providing Eduroam services at AIIMS Jodhpur, Eduroam 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.

With Eduroam, we get Internet access not only via our institution's wireless network, but also when visiting other participating universities, colleges, research centers and libraries. 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.

We have 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 50000 messages to the patients concerned.

In order to join this initiative one and foremost requirement is that we should have the infrastructure in place, which comprises of a user database server, where our users' ID and password are stored along with a RADIUS server for authentication and logging.

## Women's Cell

The 'Women's Cell' was established in 2012. It is composed of following members:-

### COMMITTEE MEMBERS:

- |      |                        |                        |
|------|------------------------|------------------------|
| i)   | Dr. Pankaja Raghav     | Convener               |
| ii)  | Dr. Bharati Mehta      | Member                 |
| iii) | Dr. Shilpi Gupta Dixit | Member                 |
| iv)  | Dr. Om Lata Bhagat     | Member                 |
| v)   | Ms.Vartika Kesarvani   | Student Representative |

The committee aims for the mission to ensure a harmonious, gender sensitive and safe working environment. 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.

Meetings were regularly held to discuss & formulate the mission and objectives of the committee.

## Residential Complex

A Residential Section has also been established as part of the AIIMS complex. This has been built by RSRDC (Rajasthan State Road Development Corporation). It has twenty four units of Type V accommodation. 22 units of type IV, and 18 units of Type III accommodation has been built for faculty and officers. Seventy units of Type II and 32 units of Type I accommodation has also been established to take care of the residential needs of the Institute.



Faculty Accommodation

## Computerized Patient Management System

CPMS 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, medicolegal 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.

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## **Research Cell**

AIIMS, Jodhpur constituted the Research Cell comprising of the following faculty members:

- i. Dr. Praveen Sharma, Professor & Head, Department of Biochemistry (Faculty In-charge)
- ii. Dr. Brijendra Singh, Additional Professor, Department of Anatomy (Member)
- iii. Dr. Pankaj Bhardwaj, Assistant Professor, Department of Community & Family Medicine, (Member Secretary)
- iv. Dr. Abhinav Dixit, Associate Professor, Department of Physiology (Member)
- v. Dr. Neeraj Gupta, Assistant Professor, Department of Pediatrics (Member)
- vi. Dr. Indu Saxena, Assistant Professor, Department of Biochemistry (Member)
- vii. Dr. Purnima Sharma, Assistant Professor, Department of Physiology (Member)
- viii. Dr. Renu Gupta, Assistant Professor, Department of Anatomy (Member)
- ix. Dr. Nikhil Kothari, Assistant Professor, Department of Anesthesiology (Member)
- x. Dr. Ravishekhar Gadepalli, Assistant Professor, Department of Microbiology (Member)

The Research Cell facilitates the research activities at the Institute. The Research Cell formulates the guidelines for project submission and provides a format for the same. It guides the faculty members and students for Intramural and Extramural Research projects. The Cell also reviews the projects of Faculty and students.

It works to promote research with other Institutes of Excellence like IITs, NLU, ICMR etc.

A total of 26 Intra-mural projects by the faculty 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/(02)/2015-2016/060	Dr. Purvi Purohit	Assistant Professor	Biochemistry	"A pilot study of pro-inflammatory and anti-inflammatory miRNAs (miR-155 & miR-187) expression in opioid dependent patients"
2.	AIIMS/RES/(02)/2015-2016/061	Dr. Ravisekhar Gadepalli	Assistant Professor	Microbiology	"Seroprevalance of Brucellosis in Jodhpur"
3.	AIIMS/RES/(02)/2015-2016/062	Dr. Surajit Ghatak	Professor & Head	Anatomy	"Immunohistochemical study of C-cells Morphology,distribution and localization in the thyroid gland: A pilot study in cadaveric tissue"
4.	AIIMS/RES/(02)/2015-2016/063	Dr. Bharti Bhandari	Assistant Professor	Physiology	"Effect of rhythmic breath-holding patterns on Arterial Blood Pressure and arterial blood gases"
5.	AIIMS/RES/(02)/2015-2016/064	Dr. Ranabir Pal	Additional Professor	Community Medicine & Family Medicine	"Assessment of Pre-hospital care Protocol, Application and Outcome in Jodhpur in the context of 108 Ambulance services"
6.	AIIMS/RES/(02)/2015-2016/065	Dr. Ashish Kumar Nayyar	Assistant Professor	Anatomy	"Plastination of human cadaveric Specimens using polymers"
7.	AIIMS/RES/(02)/2015-2016/066	Dr.Puneet Setia	Assistant Professor	Forensic Medicine	"Serial estimation of serum HMGBI levels to determine Post Mortem Interval in human Cadavers"
8.	AIIMS/RES/(02)/2015-2016/067	Dr. Shilpi Gupta Dixit	Associate Professor	Anatomy	"Isolation of stem cells from olfactory mucosa-A pilot study"
9.	AIIMS/RES/(02)/2015-2016/068	Dr. Nishant Kumar Chauhan	Assistant Professor	Pulmonary Medicine	"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"
10.	AIIMS/RES/(02)/2015-2016/069	Dr. Naveen Dutt	Assistant Professor	Pulmonary Medicine	"A study of sleep quality, percieved stress and its impact on academic performance of medical students"

11.	AIIMS/RES /(02)/2015- 2016/070	Dr. Abhay Elhence	Associate Professor	Orthopaedics	“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”
12.	AIIMS/RES /(02)/2015- 2016/072	Dr. Abhinav Dixit	Associate Professor	Physiology	“Evaluation of Auditory Brainstem Responses in Smokers”
13.	AIIMS/RES /(02)/2015- 2016/073	Dr. Vanita Lal	Associate Professor	Biochemistry	“Transthyretin (TTR): its plausible Role Depression in Subclinical Hypothyroids & Euthyroids Undergoing Routine Throid Profilling”
14.	AIIMS/RES /(02)/2015- 2016/074	Dr. Puneet Pareek	Assistant Professor	Radiation Oncology	“Evaluating the dynamics of breast cancer stem cells and miRNA 155 in patients undergoing systemic neoadjuvant or palliative chemotherapy for breast cancer”
15.	AIIMS/RES /(02)/2015- 2016/075	Dr. Bharti Mehta	Associate Professor	Physiology	“Screening asymptomatic school children for early asthma by determining mild airway narrowing through PEFr measurement”
16.	AIIMS/RES /(02)/2015- 2016/076	Dr. Pushpinder S. Khera	Assistant Professor	Radiology	“Endovenous laser and radiofrequency ablation for the treatment of varicose veins: Assessment of efficacy and complications”
17.	AIIMS/RES /(02)/2015- 2016/077	Dr. Surjit Singh	Assistant Professor	Pharmacology	“Post-operative bleeding in patients on aspirin therapy regimens: An observational study”
18.	AIIMS/RES /(02)/2015- 2016/078	Dr. Neeraj Gupta	Assistant Professor	Pediatrics	“Correlation between salivary and serum C-reactive protein among neonates with sepsis”
19.	AIIMS/RES /(02)/2015- 2016/079	Dr. Ramkaran Chaudhary	Assistant Professor	General Surgery	“The Study of efficacy of methylene blue and clinicopathological factors associated with false negative sentinel lymph node biopsy in early breast cancer”
20.	AIIMS/RES /(02)/2015- 2016/080	Dr. Vikram Singh	Assistant Professor	Medicine	“Clinical profile and sero-prevalence of brucellosis in relation to vitamin D in western Rajasthan”
21.	AIIMS/RES /(02)/2015- 2016/081	Dr. Kirti Chaudhry	Assistant Professor	Dentistry	“Ultrasonography and color Doppler: An emerging diagnostic modality in surgical endodontics”
22.	AIIMS/RES /(02)/2015- 2016/082	Dr. Praveen Sharma	Professor and Head	Biochemistry	“Correlation of blood lead levels with neurotransmitter receptors expressions and assessment of change in neurobehaviour in children of Jodhpur region”

23.	AIIMS/RES /(02)/2015- 2016/083	Dr. Daisy Khera	Assistant Professor	Pediatrics	"Zinc supplementation for prevention of Acute Respiratory infections in children: A randomized controlled trial"
24.	AIIMS/RES /(02)/2015- 2016/086	Dr. Indu Saxena	Assistant Professor	Biochemistry	"Study of Urinary protein creatinine ratio in normal and undernourished 2-4 year old children of western rajasthan"
25.	AIIMS/RES /(02)/2015- 2016/087	Dr. Om Lata Bhagat	Assistant Professor	Physiology	"Autonomic function evaluation in hypertensive patients with or without metabolic syndrome"
26.	AIIMS/RES /(02)/2015- 2016/088	Dr. Pankaja R. Raghav	Professor & Head	Community & Family Medicine	"A study to explore the risk factors for chronic obstructive pulmonary disease (COPD) among women not exposed to tobacco smoke"

Indian Council of Medical Research approved 13 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 (01)/2015- 16/023	Dr. Vanita Lal	Associate Professor	Biochemistry	Rishita Pravallika	"Profiling of Urinary Amino acids and Monosaccharides by thin Layer chromatography in Children with Unknown Morbidity in Paediatric Outdoors, AIIMS, and Jodhpur"
2.	AIIMS/RES (01)/2015- 16/025	Dr. Purvi Purohit	Assistant Professor	Biochemistry	Kunal Garg	"A Study of microalbuminuria in obese young adults as potential marker of cardiovascular risk"
3.	AIIMS/RES (01)/2015- 16/026	Dr. Indu Saxena	Assistant Professor	Biochemistry	Varun Shivankur	"To Determine the Urinary Protein Creatinine Ratio in Normal Indian Neonates"
4.	AIIMS/RES (01)/2015- 16/027	Dr. Pushpinder Singh Khera	Assistant Professor	Radio Diagnosis	Aaditya Katyal	"To evaluate the efficacy of ultrasound guided nerve blocks in management of chronic pain"
5.	AIIMS/RES (01)/2015- 16/032	Dr. Saptarshi Mandal	Assistant Professor	Transfusion Medicine & Blood Bank	Rajat Ranka	"Platelet Function Testing by Disappearance of Single Platelet Method Using A 5- Part Cell Counter: Its Comparison With Bleeding Time, Hemogram Platelet Parameters and Coagulation Parameters"
6.	AIIMS/RES (01)/2015- 16/038	Dr. Nishant Chauhan	Assistant Professor	Pulmonary Medicine	Parul Sanwaria	"Correlation between FEV 1% Predicted and 6-Minute Walk Distance In Patients Of Chronic Obstructive Pulmonary Disease"
7.	AIIMS/RES (01)/2015- 16/039	Dr. Neeti Rustagi	Assistant Professor	Community Medicine & Family Medicine	Ajay Singh Rathore	"School based evaluation of district fluorosis control program in an endemic village of Jodhpur: A pilot study"

8.	AIIMS/RES (01)/2015-16/040	Dr. Surjit Singh	Assistant Professor	Pharmacology	Sakshi Khyalia	"Dermatologic manifestation of diabetes mellitus"
9.	AIIMS/RES (01)/2015-16/042	Dr. Purnima Sharma	Assistant Professor	Pysiology	Meghna	"The Effect of Slow and Deep Breathing on Pain Perception and Autonomic Activity"
10.	AIIMS/RES (01)/2015-16/044	Dr. Pankaj Bhardwaj	Assistant Professor	Community Medicine & Family Medicine	Kamakshi Kaul	"A study of determining factors of overweight and obesity among school going children of Jodhpur city"
11.	AIIMS/RES (01)/2015-16/050	Dr. Pratibha Singh	Additional Professor	Obstetrics & Gynaecology	Sophia Rao	"Comparative evaluation of abnormal uterine Bleeding with Ultrasonography and Endometrial Biopsy"
12.	AIIMS/RES (01)/2015-16/052	Dr. Kuldeep Singh	Additional Professor	Pediatrics	Ishita Misurya	"Impact of digital media usage on sleep disturbances among medial and nursing students"
13.	AIIMS/RES (01)/2015-16/059	Dr. Neeraj Gupta	Assistant Professor	Pediatrics	Amrutha Varshini R	"Relationship between high sensitive CRP and impaired glucose tolerance test in obese children and adolescents"

#### Extramural Project:

S. No.	Title	Principal Investigator	Designation	Department	Funding Agency	Funding
1.	"Low Birth weight in newborn and anaemia in pregnancy in Fluoride endemic areas of Western Rajasthan"	Dr. Pankaj Bhardwaj	Assistant Professor	Community Medicine & Family Medicine	Public Health Research Initiative (PHRI) with SERB	26,18,270/-

#### Activity in Research Cell (Special Lectures):

S. No.	Title	Name	Designation	Department	Date
1.	"MedTech Innovations: Connect-Create-Change"	Dr. Prashant Jha	Fellowship Director	School of International Bio Design, AIIMS, New Delhi	03 <sup>rd</sup> February 2016
2.	"Session on Medical Audit"	Dr. Pankaj Arora	Assistant Professor	Hospital Administration, PGIMER, Chandigarh	13 <sup>th</sup> /14 <sup>th</sup> January 2015

## **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 Brar was 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. 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.

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. Vijaya 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)

## Examination Cell

<b>Controller of Examinations</b>	:	Prof. Praveen Sharma
<b>Assistant Controller of Examinations</b>	:	Dr. Abhinav Dixit
	:	Dr. Pankaj Bhardwaj
	:	Dr. Dushyant Agrawal
	:	Dr. Puneet Pareek
	:	Dr. Shashank Shekhar
	:	Dr. Nishant Kumar Chauhan

### Various examination held in the period of (1<sup>st</sup> April 2015 to 31<sup>st</sup> March 2016)

1. 4 <sup>th</sup> Semester M.B.B.S. Examination (Batch-2013)	May 2015
2. B. Sc. (Hons.) Nursing 2 <sup>nd</sup> Semester Examination (Batch-2014)	May 2015
3. B. Sc. (Hons.) Nursing 4 <sup>th</sup> Semester Examination (Batch-2013)	May 2015
4. 6 <sup>th</sup> Semester M.B.B.S. Examination (Batch-2012)	May 2015
5. 2 <sup>nd</sup> Semester M.B.B.S. Examination (Batch-2014)	June 2015
6. B. Sc. (Hons.) Nursing 1 <sup>st</sup> Year Examinations (Batch-2014)	July 2015
7. B. Sc. (Hons.) Nursing 2 <sup>nd</sup> Year Examinations (Batch-2013)	July 2015
8. 1 <sup>st</sup> Professional M.B.B.S. Examination (Batch - 2014)	July 2015
9. 1 <sup>st</sup> Professional M.B.B.S. Supplementary Examination (Batch - 2014)	September 2015
10. B. Sc. (Hons.) Nursing 1 <sup>st</sup> Year Supplementary Examinations (Batch-2014)	September 2015
11. B. Sc. (Hons.) Nursing 2 <sup>nd</sup> Year Supplementary Examinations (Batch-2013)	September 2015
12. 5 <sup>th</sup> Semester M.B.B.S. Examination (Batch-2013)	November 2015
13. B. Sc. (Hons.) Nursing 5 <sup>th</sup> Semester Examination (Batch-2013)	December 2015
14. B. Sc. (Hons.) Nursing 3 <sup>rd</sup> Semester Examination (Batch-2014)	December 2015
15. B. Sc. (Hons.) Nursing 1 <sup>st</sup> Semester Examination (Batch-2015)	December 2015
16. 2 <sup>nd</sup> Professional M.B.B.S. Examination (Batch - 2013)	December 2015
17. 1 <sup>st</sup> Semester M.B.B.S. Examination (Batch-2015)	January 2016
18. 3 <sup>rd</sup> Semester M.B.B.S. Examination (Batch-2014)	January 2016
19. Nursing Tutor/Clinical Instructor recruitment written exam	February 2016
20. Assistant Professor cum nursing lecturer recruitment written exam	February 2016
21. 2 <sup>nd</sup> Professional M.B.B.S. Supplementary Examination (Batch - 2013)	March 2016



# Departments



## Department of Anaesthesiology

S.No.	Name	Designation
1	Dr. Pradeep Bhatia	Professor and Head
2	Dr. Nikhil Kothari	Assistant Professor

### About The Department

**Journal Publication:** We publish “The Indian Anaesthetists’ Forum” (e-ISSN 0973-0311) which now onwards will be published through Wolters Kluwer. The journal is indexed with DOAJ and is listed with NLM Catalog and Google Scholar.

**Anaesthesia for Surgical Patients:** We manage five Operation Theatres and during this period, total 3257 surgeries were performed.

**Type of Patients:** Ranges from premature underweight neonate to more than 100 years of age, patients with no mouth opening (difficult intubation) patients with compromised cardio-respiratory functions metabolic, hematologic and other diseases

**Type of Surgeries:** In addition to the landmark surgery of conjoint twins, the types of complicated surgeries include complex oncosurgeries including liver resection, neck and abdominal and pulmonary surgeries, VATS, endoscopic base of skull surgeries, orthopaedic and laparoscopic surgeries

**Postoperative Management:** Postoperatively, the patients are managed in the 5 bedded HDU and a six bedded ICU. All patients are monitored and managed for complications like nausea, vomiting, shivering, delirium hemodynamic, respiratory, metabolic and electrolyte derangements. Post-operative Pain Management of all patients (including paediatric patients) with Epidurals, Different Blocks like TAP, Caudal, Plexus and Peripheral Nerve Blocks, continuous infusion of narcotics for smooth, pain free recovery without complications.

**ICU:** Total 217 patients were managed in this period. The types of patients include postoperative surgical patients after major surgeries, Patients of ILD, COPD, AIDP with respiratory failure, Medical patients with cardiac and other neurological problems

**Other Clinical Work:** Pre Anaesthesia Evaluation, Epidural Steroid Injection, Sedation/Anaesthesia for interventional Radiology, Chemo Port Insertion, Central Line Insertion for the ward patients.

**Course:** We conduct “AIIMS Jodhpur Certified BLS Course” every month and till date have trained over 100 candidates

**Conference:** Organized “AIIMS Ultrasound Guided Regional Anaesthesia Workshop” on 19th and 20th March, 2016

**Name of Faculty: Dr. Pradeep Kumar Bhatia**  
**Designation: Professor and Head**

**Publications:**

**Papers**

1. **Bhatia PK**, Sethi P, Gupta N, Biyani G. Middle East respiratory syndrome: A new global threat. Indian J Anaesth 2016;60:85-8.
2. Sharma V, Verma S, Biyani G, **Bhatia PK**. Temperature and cisatracurium degradation: So what is new? Indian J Anaesth 2015;59:763
3. Priyanka Sethi, **Pradeep Kumar Bhatia**, Ghansham Biyani, Bharat Paliwal and Vandana Sharma. Acquired Tracheo-oesophageal Fistula: A Challenging Complication of Tracheostomy. Journal of the College of Physicians and Surgeons Pakistan 2015, Vol. 25 (Special Supplement 2 of Case Reports): S76-S77
4. Deepak C, Priyanka S, Vandana S, **Bhatia PK**. Glycine induced retinotoxicity is avoidable. Indian J Anaesth 2015;59:531
5. Sharma V, Biyani G, **Bhatia PK**. Opioids induced serotonin toxicity? Think again. Indian J Anaesth 2015;59:463
6. **Bhatia PK**, Biyani G. Fluid resuscitation in severe sepsis and septic shock: Shifting goalposts. Indian J Anaesth 2015;59:269-71

**Books/Chapters**

1. **Pradeep Bhatia**. Coagulopathy in Trauma: Pathophysiology and its Management. In "Essentials of Trauma Anaesthesia" Babita Gupta (Editor). Peepee Publishers, New Delhi. 2016: 170-186
2. **Pradeep Bhatia**. Journal Scan 1. Commentary on "Age of transfused blood in critically ill adults". In "Yearbook of Anaesthesiology, Raminder Sehgal, Anjan Trikha (Editors) 1st Edition, New Delhi Jaypee Brothers Medical Publishers (P) Ltd. 2015: 299-302
3. **Pradeep Bhatia**. "Endotracheal Intubation" in Book: "Manual of ICU Procedures" Mohan Gurjar (Editor) Jaypee Publishers, New Delhi 2015: 17-29

**Sessions Chaired:**

1. Toxicology, Criticare 2016, 5<sup>th</sup>-7<sup>th</sup> February, 2016, Agra
2. Evolution of Anaesthesia, Golden Jubilee Celebrations of Dr. SN Medical College, 20 December, 2015, Jodhpur
3. Safety challenges in contemporary natural and artificial products. NAMS-AIIMS Symposium on Food Safety 7<sup>th</sup> April, 2015

### **Invited Lectures**

1. Aspirin as a Potential Treatment in Sepsis and ARDS, Criticare 2016, 5<sup>th</sup>-7<sup>th</sup> February, 2016, Agra
2. Sedation in Ventilated Patients: Are Benzodiazepines Out? Criticare 2016, 5<sup>th</sup>-7<sup>th</sup> February, 2016, Agra
3. Management of ARDS, 63rd Annual National Conference of Indian Society of Anaesthesiologists, 26<sup>th</sup> December, Jaipur
4. Anaesthetic Management of Conjoined Twins Surgery, RAJNEOCON 18<sup>th</sup> October, 2015, Jodhpur
5. How to write a Scientific Paper for Publication BOSTON-GMCH CME, 15<sup>th</sup> September, 2015 Udaipur
6. Mechanical Ventilation CME on Mechanical Ventilation 17<sup>th</sup> April, 2015 Bikaner

### **Symposium Speaker**

1. Panelist for discussion on Pain, Palliative Care and End of Life Issues 22<sup>nd</sup> June, 2015, Jodhpur

### **Scientific Awards/Patents**

1. Fellow of the Indian College of Anaesthesiologists. Presented For the excellent work and contribution in dissemination of knowledge, by the Indian College of Anaesthesiologists on 4<sup>th</sup> July, 2015

### **Examinership**

1. MD, Anaesthesia, Dr. SN Medical College, Jodhpur June 2015

### **Membership/Post in Journal or Society or Association**

1. Editor in Chief; "The Indian Anaesthetists' Forum" India's First On-Line Journal of Anaesthesia & Critical Care
2. Member, Editorial Board, International Journal of Critical Care and Emergency Medicine (Publisher: ClinMed International Library, USA) since June 2015

### **National/ International Conferences attended:**

1. 61<sup>st</sup> Annual Conference of Association of Physiologists and Pharmacologists of India (APPICON 2015), AIIMS, Jodhpur 26<sup>th</sup>-28<sup>th</sup> November, 2015
2. 1<sup>st</sup> International Conference on Lead, Environment and Health, AIIMS, Jodhpur 26<sup>th</sup> 27<sup>th</sup> October, 2015
3. CME on Blood Safety; Is ID-NAT Useful in Indian Context; AIIMS Jodhpur 12<sup>th</sup> April 2015

## **Workshops/ Conferences Organised**

1. AIIMS Ultrasound Guided Regional Anaesthesia Workshop, Organized by the Department of Anaesthesiology, AIIMS, Jodhpur on 19<sup>th</sup> and 20<sup>th</sup> March, 2016

## **Other information:**

The Department has organized "AIIMS Ultrasound Guided Regional Anaesthesia Workshop" on 19<sup>th</sup> and 20<sup>th</sup> March, 2016 in collaboration with the Department of Anatomy, AIIMS, Jodhpur and Department of Anaesthesiology AIIMS, Delhi. Over 30 participants were trained to provide various operative nerve blocks like TAP, Brachial Plexus, Femoral, Sciatic and paravertebral Blocks. The training of the use of ultrasound was done on human volunteers and the hands-on practice of nerve blocks was done on cadavers.

Photographs of the conference attached.

**Eminent Visitors:** Dr. Shobha Ghosh from Critical Care Division, Virginia Commonwealth University Medical Center, Richmond, Virginia, USA delivered a Guest Lecture on "CURCUMIN & METABOLIC DISEASES" on 8th January, 2016 at AIIMS, Jodhpur

**Name of Faculty: Dr. Nikhil Kothari**

**Designation: Assistant Professor**

## **Publications:**

### **Papers**

1. **Kothari N**, Biyani G, Goyal S, Sharma V. Video rhino-laryngoscope modified into a fibreoptic bronchoscope. Indian Journal of Anesthesia 2015;59(10):675-77.
2. Rakesh Karnawat, Deepak Choudhary, Ghansham Biyani, **Nikhil Kothari**. Re-emergence of Subtenon's Block. Indian Journal of Clinical Anaesthesia 2015;2(4):190-191.

### **Book Chapters:**

1. **Kothari N**, Goyal S. Approach to a case of tuberculosis for Video Assisted Thoracoscopic Surgery using one lung ventilation. In: Sahu S (1<sup>st</sup> 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 (1<sup>st</sup> ed). Manual of Clinics in Anaesthesiology. In Press.

**Invited Lectures:**

S. No	Name of Conference/Workshop/ CME etc.	Organizers	Date	Title of Paper presented (Oral/Poster)	Name of Session Chaired/ Invited Lecture etc.
1.	Gujarat Critical Care Conference.	City Branch ISCCM, Ahmedabad.	22 <sup>nd</sup> -24 <sup>th</sup> April 2015	Electrolyte and Metabolic Disturbances.	Invited Lecture
2.	13 <sup>th</sup> North Zone Critical Care Conference.	Delhi City Branch ISCCM	10 <sup>th</sup> -13 <sup>th</sup> September 2015	Arterial Blood Gas Analysis & Interpretation.	Invited Lecture
3.	13 <sup>th</sup> North Zone Critical Care Conference	Delhi City Branch ISCCM	10 <sup>th</sup> -13 <sup>th</sup> September 2015	Non Invasive Ventilation.	Invited Lecture
4.	Acute Care in Emergency (ACE) Forum	ISCCM City Branch, Jaipur	24 <sup>th</sup> -25 <sup>th</sup> October 2015	Mechanical Ventilation & ABG analysis	Workshop
5.	Vascular Access Workshop	Department of Anesthesiology, KGMC, Lucknow	31 <sup>st</sup> Oct 2015	Peripheral Venous Access	Invited Lecture
6.	Vascular Access Workshop	Department of Anesthesiology, KGMC, Lucknow	31 <sup>st</sup> Oct 2015	Image Guidance vs Good Hands	Panel Discussion
7.	Rajasthan State ENT conference	Department of ENT, AIIMS Jodhpur.	6 <sup>th</sup> Dec 2015	Back to School: How to write a good paper	Invited Lecture

**Research Project:**❖ **Ongoing:**➤ **As Principal Investigator:**

1. Continuous fascia Iliaca Compartment Block for postoperative pain relief in above knee surgeries. Funding Agency – AIIMS Jodhpur, Intramural Project.

➤ **As Co-Investigator:**

1. Role of neuromuscular monitoring for the judicious use of neuro-muscular blockers and reversal agents. Funding Agency – AIIMS Jodhpur, Intramural Project.

**Membership/Post in Journal or Society or Association:**

1. Treasurer: Anaesthesia Critical Care Updates Society. 4<sup>th</sup> May 2015.
2. Editorial Board Member: The Indian Anaesthetists' Forum Journal.

**National Conferences attended:**

S.No	Name of Conference	Organizers	Date
1.	Gujarat Critical Care Conference.	City Branch ISCCM, Ahmedabad.	22 <sup>nd</sup> -24 <sup>th</sup> April 2015
2.	13 <sup>th</sup> North Zone Critical Care Conference.	Delhi City Branch ISCCM	10 <sup>th</sup> -13 <sup>th</sup> September 2015
3.	Acute Care in Emergency (ACE) Forum	ISCCM City Branch, Jaipur	24 <sup>th</sup> -25 <sup>th</sup> October 2015
4.	Vascular Access Workshop	Department of Anesthesiology, KGMC, Lucknow	31 <sup>st</sup> Oct 2015
5.	Rajasthan State ENT conference	Department of ENT, AIIMS Jodhpur.	6 <sup>th</sup> Dec 2015
6.	CRITICARE 2016	Indian Society of Critical Care Medicine.	6 <sup>th</sup> -7 <sup>th</sup> Feb 2016.

**Workshops/ Conferences Organized:**

1. "AIIMS Ultrasound Regional Anaesthesia Workshop" in AIIMS Jodhpur, on 19<sup>th</sup> & 20<sup>th</sup> March 2016.

## Department of Anatomy

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

### About Department of Anatomy

Our graduate courses, the diverse proficiency of our faculty members, and our active research laboratories represent the foundation of our graduate programme. Keeping abreast of improvements to the medical curriculum, Anatomy is now taught in a manner that makes it clinically relevant and facilitates integration with other disciplines. Subcomponents of the discipline include gross anatomy, embryology, histology and Neuroscience which are covered in a manner that not only provides sufficient scientific foundation but also makes them functionally relevant and of clinical significance.

First year under graduate medical students receive the most comprehensive exposure to Human Anatomy over two semesters through lectures, small group demonstrations, tutorials and supervised practical classes that provide cadaveric material (for study of gross anatomy) as well as microscope slides for the study of histology. Seminars for undergraduates are being organized to provide them an opportunity to present scientific topics in front of an audience. This will help them to develop communication skills.

State of the art museum with 89 gross specimens and 73 embryology models provide opportunities for references as well as self-directed learning.

The department is running voluntary body donation campaign for the city of Jodhpur and 51 volunteers have pledged their body for medical education and research after their death.

The department has initiated the process for procurement of equipments required for postgraduate studies.

### Research Activities -

The research-active faculty of the Department of Anatomy decided to enhance their research interests in -

1. Anatomical Variations and recent trends
2. Surgical and Clinical Anatomy
3. Immunofluorescence and Immunohistochemistry
4. Anthropological Surveys

5. Plastination and soft embalming.

#### **Future plans -**

The department proposes to have –

1. Genetic Lab for studying Genetics in Inborn Error of Metabolism, Haemoglobinopathies and Leukaemia and Genetic Counselling.
2. Ultrasonography
3. Molecular diagnostic lab for Nucleic Acid extraction and purification for diagnostic assays in Transplant medicine, Microbial species identification, cancer mutation detection and screening and Forensic Medicine and DNA Fingerprinting.
4. Cadaveric Skill Lab for surgeons

#### **Facilities at the Department**

1. **Dissection Lab:** Well-equipped dissection Lab with Cold storage facility to store 12 bodies at -2 deg. C at one time. There are Five Large storage tanks for cadavers having 55 human cadavers received through voluntary donations. The dissection lab also has 80 wet specimens for conducting practical examination for undergraduates. The department has now repository of wet specimens for conducting postgraduate courses in anatomy. The lab has Electric band saw for body sectioning. The department is using Phenoxyethanol for preservation of cadaver which is a non-toxic, non-carcinogenic and non-irritant preservative as compared to Formaldehyde.
2. **Histology Lab:** The department has collections of about 4,000 Histology slides prepared in house for the students to view during practical. There is a demonstration microscope with camera for image capture with 50 inch LCD TV for projection which is used for briefing students by the faculty. The lab also has automated paraffin embedding machine, Incubator, water bath for processing of tissue and preparation of Histology slides. The department has an Inverted microscope and a high end Binocular microscope for research work. Facility for histological techniques and immunohistochemistry has been started for conducting postgraduate courses in anatomy.
3. **Museum:** The department encourages self-study by students. For this it has a museum housing wet specimens of gross anatomy, bones with markings for muscle attachments. It also has models of Developmental anatomy for students to understand embryogenesis of tissues and organ systems. Histology, Radiology and Cross section anatomy gallery is in the process of being installed.
4. **Demonstration room:** Visual presenter for small group teaching and osteology tutorials has also been obtained.
5. **Burial Ground:** The burial ground is located away from the college building near Mortuary of Forensic Medicine department. Following dissection cadavers are buried for retrieval of bones for the bone bank. The department is building up a repository of bones for undergraduate and post graduate studies.

**Name of Faculty: Dr. Surajit Ghtak**  
**Designation: Professor & Head**

**Publications**

**Papers-**

1. Potaliya P, Pal R, **Ghtak S**. Value and price of teaching-learning aids in curricular health trainings in India. Am J Pub Hlth Res.2015,3(5A),160-173.
2. Pushpa Potaliya, Shilpi Gupta Dixit, **Surajit Ghtak**. Future Prospects of DNA Fingerprinting, Indian Journal of Genetics and Molecular Research; 2015(4), 27-29.
3. Dushyant Agrawal, Brijendra Singh, Shilpi Gupta Dixit, **Surajit Ghtak**, Nikha Bharadwaj, Renu Gupta, Ashish Kumar Nayyar, Gitika Arya Agrawal. Morphometry and variations of the human suprascapular notch., 2014. Morphologie (2015) 99, 132—140.
4. **Ghtak Surajit**. A Narrow Accessory Tendon in Biceps Brachii Muscle Insertion. Indian Journal of Anatomy Volume 5(1), January - April 2016.

**Papers Presented:**

1. **Surajit Ghtak**. Digital Visualizer for teaching learning in Anatomy.3<sup>rd</sup> International Teachers' conference (ITC Maldives 2015), Male (Maldives), 1<sup>st</sup> to 2<sup>nd</sup> September 2015

**Sessions Chaired:**

1. 63<sup>rd</sup> National Conference of Anatomical Society of India, 20<sup>th</sup> November to 23<sup>rd</sup> November 2015, KGMU, Lucknow
2. National Conference of Physiology and Pharmacology (APPICON - 2015), 25<sup>th</sup> Nov to 28<sup>th</sup> Nov 2015, AIIMS Jodhpur
3. 2<sup>nd</sup> Annual Conference of Society of Indian Academy of Medical Genetics (IAMGCON-2015), 11<sup>th</sup> to 13<sup>th</sup> December 2015, AIIMS Jodhpur

**Research Project:**

❖ **Ongoing Intramural Project -**

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. Isolation of Stem cells from Olfactory Mucosa- A Pilot Study
4. 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. Immuno histochemical localization of estrogen, progesterone and CD 8+ receptors in patients of infertility
2. Assessment of Tibio- femoral angle among healthy population of district jodhpur & its radiological co- relation.

#### **Examinership**

1. MS (Anatomy), King George's Medical University, Lucknow- 30<sup>th</sup> April to 2<sup>nd</sup> May 2015.
2. MBBS, S.N. Medical College, Jodhpur, 28<sup>th</sup> January 2016.

#### **Membership/Post in Journal or Society or Association**

1. Member, Executive Committee; Anatomical Society of India,
2. Editorial Board Member, Journal of Anatomical Society of India
3. Editorial Board Member, Indian Journal of Anatomy

#### **National/ International Conferences attended:**

1. 3<sup>rd</sup> International Teachers' conference (ITC Maldives 2015) organized by University of Maldives & UNICEF at Male (Maldives) - 1<sup>st</sup> to 2<sup>nd</sup> September 2015
2. International conference on Lead, Environment & Health at AIIMS Jodhpur 2015 - 26<sup>th</sup> - 27<sup>th</sup> October 2015
3. 63<sup>rd</sup> National Conference of Anatomical Society of India organized by Anatomical Society of India at KGMU, Lucknow - 20<sup>th</sup> November to 23<sup>rd</sup> November 2015
4. National Conference of Physiology and Pharmacology (APPICON - 2015) at AIIMS Jodhpur- 25<sup>th</sup> November to 28<sup>th</sup> November 2015
5. 2<sup>nd</sup> Annual Conference of Society of Indian Academy of Medical Genetics (IAMGCON-2015)- at AIIMS Jodhpur-11<sup>th</sup> to 13<sup>th</sup> December 2015

#### **Workshops/ Conferences Organised-**

1. AIIMS Ultra Sound Guided Regional Anaesthesia Workshop at AIIMS Jodhpur, 19<sup>th</sup> & 20<sup>th</sup> March 2016

**Name of Faculty: Dr. Brijendra Singh**

**Designation: Additional Professor**

#### **Publications:**

##### **Papers**

1. Gyan Prakash Mishra, Sobha Bhatnagar, **Brijendra Singh**. Anatomical variations of upper segmental renal artery and clinical significance, Journal of Clinical Diagnostic Research, 2015 (9), Ac01-03.

2. Dushyant Agrawal, **Brijendra Singh**, Shilpi Gupta Dixit, Surajit Ghatak, Nikha Bharadwaj, Renu Gupta, Ashish Kumar Nayyar, Gitika Arya Agrawal. Morphometry and variations of the human suprascapular notch., 2015. Morphologie (2015) 99, 132—140
3. Nikha Bhardwaj, Dushyant Agrawal, Vineeta Tewari, **Brijendra Singh** ,M.S.Siddiqui. A study of variations in nerves of infra-temporal region and its embryological explanation, Indian Journal of Clinical Anatomy and Physiology, 2015 (2) 42-45
4. Mishra Gyan Prakash, Sangeta Kumari Bhatnagar Sobha & **Brijendra Singh**. Sixth cervical vertebra with bilateral double foramen transversarium and non-bifid spine: a rare case, International Journal of Research in Medical Sciences, 2015 (3), 352-353.
5. Prerna Thareja, **Brijendra Singh**, Surjit Singh, Dushyant Agrawal, Prabhpreet Kaur. Biomedical waste management: need for human civilization.; Indian Journal of Clinical Anatomy and Physiology, 2015 (3), 66-73.
6. **Brijendra Singh**. Red Nucleus. Indian Journal of Neurosciences, October-December, 2015;1(1):18-20.
7. Dushyant Agrawal, **Brijendra Singh**. First & Second Arch syndrome. Indian Journal of Anatomy and Surgery of Head, Neck and Brain, October-December, 2015:26-29
8. **Brijendra Singh**. Unilateral absent foramen complex in middle cranial fossa- an interesting case report - Era's Journal of Medical Research, (2015) Jan-June, vol2-issue-1, pp62-64.
9. **Brijendra Singh**. Ring chromosome. Indian Journal of Genetics and Molecular Research , accepted for publication

#### **Book Published-**

1. **Brijendra Singh**. Exam Success Review, MCQ's for MBBS 1<sup>st</sup> Prof. & PG Entrance, ANATOMY– Embryology & Histology - Volume 4 by Dr Brijendra Singh - Scientific Publishers, Jodhpur, 2015

#### **Resource Faculty-**

1. Clinical Genetics & Genetics in medical Curriculum –CME, 23<sup>rd</sup> Annual Conference of UP Chapter of ASI (UP ASICON-2015), 18<sup>th</sup> & 19<sup>th</sup> September 2015, SRM Medical College, Bareilly.

#### **Sessions Chaired-**

1. 63<sup>rd</sup> National Conference of Anatomical Society of India, 20<sup>th</sup> November to 23<sup>rd</sup> November 2015, KGMU, Lucknow.
2. 23<sup>rd</sup> Annual Conference of UP Chapter of ASI (UP ASICON-2015), 18<sup>th</sup>& 19<sup>th</sup> September 2015, SRM Medical College, Bareilly.
3. 2<sup>nd</sup> Annual Conference of Society of Indian Academy of Medical Genetics (IAMGCON-2015), 11<sup>th</sup> to 13<sup>th</sup> December 2015, AIIMS Jodhpur

### **Examinership-**

1. MBBS, Era medical college, Lucknow, 16<sup>th</sup> to 18<sup>th</sup> October 2015
2. MBBS, Mayo Institute of Medical sciences, Lucknow. 16<sup>th</sup> to 18<sup>th</sup> November 2015
3. MD (Anatomy), SNMC, Jodhpur, 29<sup>th</sup> & 30<sup>th</sup> January 2016
4. MBBS, SNMC, Agra, 26<sup>th</sup> & 27<sup>th</sup> February 2016

### **Membership/Post in Journal or Society or Association**

1. Member, Executive Committee, Anatomical Society of India, U.P. Chapter, 2016
2. Member, Executive Committee, Anatomical Society of India, 2016
3. Editor in Chief; Indian journal of Clinical anatomy & Physiology
4. Editor in Chief, Indian journal of Anatomy & Surgery of Head Neck & Brain
5. Editor in Chief, Indian journal of Neurosciences
6. Editor in Chief, Indian journal of Medical & Health Sciences
7. Executive Editor, Indian Journal of Genetics and Molecular Research
8. Joint Editor, Annals of Prosthodontics and Restorative Dentistry
9. Editorial Board Member; International Journal of Anatomy & Research
10. Editorial Board Member; International Journal of Biomedical Research
11. Editorial Board Member; International Journal of Medical Research & Pharmaceutical Sciences; International Journal of Advance Research Publishing (IJOAR)
12. Editorial Board Member; World Journal Pharmacy and Pharmaceutical Sciences (WJPPS)
13. Editorial Board Member; Extensive Journal of Applied Sciences
14. Editorial Board Member; Indian Journal of Anatomy
15. Editorial Board Member; EJMR – Era's Journal of Medical research

### **National/ International Conferences attended:**

1. 23<sup>rd</sup> Annual Conference of UP Chapter of ASI (UP ASICON-2015) at SRM Medical college, Bareilly-18<sup>th</sup> & 19<sup>th</sup> September 2015.
2. International conference on Lead ,Environment & Health at AIIMS Jodhpur 2015- 26<sup>th</sup> - 27<sup>th</sup> October 2015
3. 63<sup>rd</sup> National Conference of Anatomical Society of India organized by Anatomical Society of India at KGMU, Lucknow - 20<sup>th</sup> November to 23<sup>rd</sup> November 2015
4. National Conference of Physiology and Pharmacology (APPICON - 2015) at AIIMS Jodhpur- 25<sup>th</sup> November to 28<sup>th</sup> November 2015
5. 2<sup>nd</sup> Annual Conference of Society of Indian Academy of Medical Genetics (IAMGCON-2015)- at AIIMS Jodhpur-11<sup>th</sup> to 13<sup>th</sup> December 2015.
6. 74<sup>th</sup> National Course on Educational Science for Teachers of Health Professionals at Department of Medical Education, JIPMER, Puducherry-8<sup>th</sup> to 13<sup>th</sup> February 2016.

**Name of Faculty: Dr. Shilpi Gupta Dixit**  
**Designation: Associate Professor**

**Publications:**

**Papers**

1. **Dixit S G**, Chouhan P. Absent Caudate lobe of Liver. Liver International 2015, Oct 15;35(10):2338
2. Potalia P, **Dixit S G**, Ghatak S. Future Prospects of DNA Fingerprinting. IJGMR. 2015(4), 27-29.
3. Dushyant Agrawal, Brijendra Singh, **Shilpi Gupta Dixit**, Surajit Ghatak, Nikha Bharadwaj, Renu Gupta, Ashish Kumar Nayyar, Gitika Arya Agrawal. Morphometry and variations of the human suprascapular notch., 2015. Morphologie (2015) 99, 132—140.

**Papers Presented:**

1. **Dixit S G**. Low fidelity model making activity by students: Novel way of learning concepts of Neuroanatomy. NATCON 63, KGMU, Lucknow, 20<sup>th</sup>-23<sup>rd</sup> November 2015.

**Research Project:**

✧ **Ongoing:**

➤ **As Principal Investigator**

1. Isolation of Stem cells from Olfactory Mucosa- A Pilot Study. IMRG project
2. STS Project- Future Prospect of 3D Bioprinting in Medical Education as well as Clinical set up. ICMR funded.

✧ **Completed:**

➤ **As Principal Investigator**

1. Immuno histochemical localization of estrogen, progesterone and CD 8+ receptors in patients of infertility. IMRG project

**Scientific Awards/Patents**

1. Fellowship of International Medical Science Academy (FIMSA), April, 2015
2. Membership of National Academy of Medical Sciences, (MAMS), October 2015

**Examinership**

1. Subject Expert Anatomy RPSC, Ajmer, 9<sup>th</sup> -10<sup>th</sup> March 2016.

**National/ International Conferences attended:**

1. 63<sup>rd</sup> National Conference of Anatomical Society of India organized by Anatomical Society of India at KGMU, Lucknow -20<sup>th</sup> November to 23<sup>rd</sup> November 2015 .
2. 55<sup>th</sup> Annual Conference of National Academy of Medical Sciences (NAMSCON- 2015) at AIIMS, Patna -16<sup>th</sup> to 18<sup>th</sup> October 2015 at AIIMS, Patna

**Name of Faculty: Dr. Renu Gupta**  
**Designation: Assistant Professor**

**Publications:**

**Papers**

1. **Renu Gupta**. Morphometry of Human Fetal Pancreas: An Electron Microscopic Study. IMJ. April 2015 Vol. 22, No. 1, pp. 1 – 3.
2. Brijendra Singh, **Renu Gupta**, Dushyant Agrawal, Prerna Thareja, Ritu Singh. Natal Teeth : A Rare Case Report. IJA.2015: vol 4, pg 25- 27.
3. Dushyant Agrawal, Brijendra Singh, Shilpi Gupta Dixit, Surajit Ghatak, Nikha Bharadwaj, **Renu Gupta**, Ashish Kumar Nayyar, Gitika Arya Agrawal. Morphometry and variations of the human suprascapular notch., 2015. Morphologie (2015) 99, 132—140.

**Research Project:**

❖ **Completed:**

➤ **As Principal Investigator**

1. Assesment of Tibio- femoral angle among healthy population of district Jodhpur & its radiological co- relation. IMRG project.

**Scientific Awards/Patents-**

1. Dr. S S MISRA Memorial award for “Morphometry of fetal and adult pancreas and age related changes – an Electronmicroscopic study” By NAMS in 55<sup>th</sup> Annual Conference. 17<sup>th</sup> October 2015.

**National/ International Conferences attended:**

1. 55<sup>th</sup> Annual Conference of National Academy of Medical Sciences (NAMSCON- 2015) at AIIMS, Patna -16<sup>th</sup> to 18<sup>th</sup> October 2015 at AIIMS, Patna.

**Name of Faculty: Dr. Dushyant Agrawal**  
**Designation: Assistant Professor**

**Publications:**

**Papers**

1. **Dushyant Agrawal**, Brijendra Singh, Shilpi Gupta Dixit, Surajit Ghatak, Nikha Bharadwaj, Renu Gupta, Ashish Kumar Nayyar, Gitika Arya Agrawal. Morphometry and variations of the human suprascapular notch., 2014. Morphologie (2015) 99, 132—140.
2. Nikha Bhardwaj, **Dushyant Agrawal**, Vineeta Tewari, Brijendra Singh ,M.S.Siddiqui. A study of variations in nerves of infra-temporal region and its embryological explanation, Indian Journal of Clinical Anatomy and Physiology, 2015 (2) 42-45.

3. Prerna Thareja, Brijendra Singh, Surjit Singh, **Dushyant Agrawal**, Prabhpreet Kaur. Biomedical waste management: need for human civilization.; Indian Journal of Clinical Anatomy and Physiology, 2015 (3), 66-73.
4. **Dushyant Agrawal**, Brijendra Singh. Indian Journal of Anatomy and Surgery of Head, Neck and Brain, October-December, 2015: 26-29

#### **Papers Presented:**

1. **Dushyant Agrawal**. Hepatic morphometry: A computed tomographic estimation of liver dimensions and their adjustment with body parameters in Istanbul Liver Imaging Course and Meeting- 8<sup>th</sup> April 2015 to 10<sup>th</sup> April 2015. Istanbul (Turkey).
2. **Dushyant Agrawal**. Transforming Emerging Medical Educational Learning Space with Digital Technology in 3<sup>rd</sup> International Teachers' conference (ITC Maldives 2015) - 1<sup>st</sup> to 2<sup>nd</sup> September 2015 at Male (Maldives)

#### **Research Project:**

##### ✧ Ongoing:

##### ➤ As Principal Investigator-

1. An Assessment of Infectious Agents in Cadavers Pre & Post Embalming- A Pilot Study. Intramural Project. AIIMS Jodhpur.

#### **Scientific Awards/Patents**

1. MAMS, National Academy of Medical sciences, October 2015

#### **Membership/Post in Journal or Society or Association –**

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

#### **National/ International Conferences attended:**

1. 3<sup>rd</sup> International Teachers' conference (ITC Maldives 2015) organized by University of Maldives & UNICEF at Male (Maldives)-1<sup>st</sup> to 2<sup>nd</sup> September 2015.
2. 55<sup>th</sup> Annual Conference of National Academy of Medical Sciences (NAMSCON- 2015) at AIIMS, Patna -16<sup>th</sup> to 18<sup>th</sup> October 2015 at AIIMS, Patna.
3. National Conference of Physiology and Pharmacology (APPICON - 2015) at AIIMS Jodhpur- 25<sup>th</sup> November to 28<sup>th</sup> November 2015
4. 2<sup>nd</sup> Annual Conference of Society of Indian Academy of Medical Genetics (IAMGCON- 2015)- at AIIMS Jodhpur-11<sup>th</sup> to 13<sup>th</sup> December 2015.

5. 74<sup>th</sup> National Course on Educational Science for Teachers of Health Professionals at Department of Medical Education, JIPMER, Puducherry-8<sup>th</sup> to 13<sup>th</sup> February 2016
6. AIIMS Ultra Sound Guided Regional Anaesthesia Workshop at AIIMS Jodhpur, 19<sup>th</sup> & 20<sup>th</sup> March 2016

**Name of Faculty: Dr. Ashish Kumar Nayyar**

**Designation: Assistant Professor**

**Publications:**

**Papers**

1. Dushyant Agrawal, Brijendra Singh, Shilpi Gupta Dixit, Surajit Ghatak, Nikha Bharadwaj, Renu Gupta, **Ashish Kumar Nayyar**, Gitika Arya Agrawal. Morphometry and variations of the human suprascapular notch., 2014. Morphologie (2015) 99, 132–140.

**Papers Presented:**

1. An Assessment of Efficacy of Software on Human Embryology: A Pilot Study- in 3rd International Teachers' conference (ITC Maldives 2015) - 1<sup>st</sup> to 2<sup>nd</sup> September 2015 at Male (Maldives)

**Research Project:**

❖ **Ongoing:**

➤ **As Principal Investigator**

Intramural Project 2015 entitled- "Plastination of Human Cadaveric Specimens Using Polymers".

❖ **Completed:**

- **As Co-Investigat or** Intramural Project 2014 entitled-"Measurement of Tibio-Femoral angle among ethnic Rajasthani population & its Radiological co-relation".

**Membership/Post in Journal or Society or Association –**

Assistant Editor in Indian Journal of Anatomy and Surgery of Head, Neck and Brain

**National/ International Conferences attended:**

1. 3<sup>rd</sup> International Teachers' conference (ITC Maldives 2015) organized by University of Maldives & UNICEF at Male (Maldives)-1<sup>st</sup> to 2<sup>nd</sup> September 2015.
2. National Conference of Physiology and Pharmacology (APPICON - 2015) at AIIMS Jodhpur- 25<sup>th</sup> November to 28<sup>th</sup> November 2015
3. AIIMS Ultra Sound Guided Regional Anaesthesia Workshop at AIIMS Jodhpur, 19<sup>th</sup> & 20<sup>th</sup> March 2016.

## Department of Biochemistry

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

### Department of Biochemistry

The Department of Biochemistry is completing 4 years its inception as one of the 05 departments of AIIMS Jodhpur on 17<sup>th</sup> September 2012. It has rapidly grown to a full-fledged teaching and research department with emphasis on patient care.

The department continues with its undergraduate teaching program for medical and nursing students. New methods of teaching like problem-based learning modules, small group discussions, buzz sessions, revision exercises like formulation of multiple choice questions and open book examinations are introduced to strengthen concepts in biochemistry highlighting self and lifelong learning. Faculty has been actively participating in the Clinical Grand Rounds and Clinical Pathologic Case Discussions. They are resource persons for Unconventional Teaching for 3<sup>rd</sup> and 4<sup>th</sup> Semesters and public lectures series conducted at the Institute.

Biochemical investigations hold the key for diagnosis and prognosis in patient care. The clinical biochemistry lab is equipped with advanced instruments for molecular biology, immunology, clinical chemistry and endocrinology. In addition to the regular biochemical investigations, the department is catering to patient care by providing state of the art diagnostic tests and is aiding clinicians in diagnosis. The department is recognized National Referral Centre for Lead projects in India. The department has been actively involved in disseminating services to community by providing investigation services as well as regularly conducting Lead awareness program.

Department organized 1<sup>st</sup> International conference on Lead, Environment & Health. The recommendations of the conference were forwarded to the National Health Systems Resource Centre (NHSRC) New Delhi for policy making to help mitigate lead exposure.

The advanced diagnostic setup is also contributing to active research. In addition to laboratories, common research support facilities and equipments are available to faculty and students. The department is home to biochemistry and molecular biological sciences practiced in an intellectually enriching research and teaching environment. Faculty has published more than thirty papers in various indexed national and international journals in the past two years. The funding for research is obtained from research grants from

intramural sources and various extramural funding agencies. Research is introduced and promoted in undergraduate students under ICMR-STs projects theme. Students are undertaking research projects under the able guidance of departmental faculty members. The Faculty is also involved in research activities related to basic, clinical and molecular research. They are members of various National and International Scientific Societies and have showcased their research in various national and international conferences. Dr. Praveen Sharma was awarded prestigious Shri. A J Thakur Memorial Award in ACBICON 2015 at Chandigarh. In addition to this he also chaired sessions at various internationally acclaimed conferences like EUROMEDLAB, Paris and AACB, Sydney. In addition to this faculty undergoes advanced training programs on a regular basis.

**Name of Faculty: Prof. Praveen Sharma**  
**Designation: Professor and Head**

**Publications:**

1. Purvi Purohit, Kunal Garg, Vikram Singh, Shailendra Dwivedi, **Praveen Sharma** Microalbuminuria in Obese Young and Middle Aged Population: Potential Marker of Cardiovascular Risk. Ind J Clin Biochem. DOI 10.1007/s12291-016-0563-z
2. Abhinav Dixit, **Praveen Sharma**, Caffeinated Drinks and the Human Body. Ind J Clin Biochem .2016; 31(2):125–126. DOI 10.1007/s12291-016-0561-1
3. Narotam Sharma, R. K. Singh , **Praveen Sharma**, Molecular Mycobacteriology and Expansion in Disease Diagnosis. Ind J Clin Biochem, 2016; 31(2):138–147 DOI 10.1007/s12291-015-0504-2.
4. Mohd Shakeel , Shiv Prakash Rathore , Dharmveer Yadav , **Praveen Sharma**, Role of C - reactive protein in Development of Hypertension. International Journal of Science and Research (IJSR) 2016; Volume 5 Issue 2, www.ijsr.net.
5. Dwivedi S, Goel A, Mandhani A, Khattri S, **Sharma P**, Misra S, Pant KK Functional genetic variability at promoters of pro- (IL-18) and anti- (IL-10) inflammatory affects their mRNA expression and survival in prostate carcinoma patients: Five year follow-up study. The Prostate 2015; 75 (15), 1737-1746.
6. Monika Gupta, Dharamveer Yadav , Sandhya Mishra and **Praveen Sharma**, Identification of Preanalytical Errors in the Clinical Laboratory of North Indian Tertiary Care Hospital. Biochem Physiol 2015; 4:181. doi:10.4172/2168 9652.1000181
7. Dharmveer Yadav, Monika Gupta, Sandhya Mishra, **Praveen Sharma**, Reference Interval for Renal Profile parameters in North Indian Population from Rajasthan International Journal of Advances in Scientific Research.2015 1(5):233-238
8. **Praveen Sharma**, Shailja Chambial, Kamla Kant Shukla, Lead and Neurotoxicity. Ind J Clin Biochem 2015 30 (1), 1-2

9. Dwivedi S, Singh S, Goel A, Khattri S, Mandhani A, **Sharma P**, Misra S, Pant KK, Pro-(IL-18) and Anti-(IL-10) Inflammatory Promoter Genetic Variants (Intrinsic Factors) with Tobacco Exposure (Extrinsic Factors) May Influence Susceptibility and Severity of Prostate Carcinoma: A Prospective Study Asian Pac J Cancer Prev . 2015;16 (8), 3173-3181
10. Dwivedi S, Goel A, Khattri S, Mandhani A, **Sharma P**, Misra S, Pant KK. Genetic variability at promoters of IL-18 (pro) and IL-10 (anti) inflammatory gene affects susceptibility and their circulating serum levels: An explorative study of prostate cancer patients in North Indian populations. Cytokines 2015 doi:10.1016/j.cyto.2015.04.001
11. Shailja Chambial, Kamla Kant Shukla, Shailendra Dwivedi, Pankaj Bhardwaj, **Praveen Sharma**, Blood Lead Level (BLL) in the Adult Population of Jodhpur: A Pilot Study. Ind J Clin Biochem. 2015, 30(3), 357-359.
12. **Praveen Sharma**, Aditi Gupta, Purvi Purohit, Cardiovascular risk factors- Insulin resistance, High sensitivity C-reactive protein and Fibrinogen in pre-menopausal women with polycystic ovarian syndrome. Journal of Cardiovascular Disease Research. 2015, 6(2), 67-71.
13. Dwivedi S, Goel A, Khattri S, **Sharma P**, Pant KK. Aggravation of Inflammation by Smokeless Tobacco in Comparison of Smoked Tobacco. Ind J Clin Biochem. 2015;30 (1), 117-119

### Books/Chapters

1. Shailendra Dwivedi, Saurabh Samdariya, Gaurav Chikara, Apul Goel, Rajeev Kumar Pandey, Puneet Pareek, Sanjay Khattri, **Praveen Sharma**, Sanjeev Misra and Kamlesh Kumar Pant. Molecular Biotechnology for diagnostics. Applied Molecular Biotechnology: The Next Generation of Genetic Engineering. Muhammad Sarwar Khan, Iqar Ahmad Khan, Debmalya Barh. 1<sup>st</sup> edition. United Kingdom, CRC Press, Taylor & Francis Group. 2016;.303-344

### Papers Presented:

1. **Praveen Sharma**, Lead & Organ system, Advances in Biochemical and Molecular Diagnostics: Recent Research Trends., 9<sup>th</sup> and 10<sup>th</sup> May 2015, Department of Biochemistry, Govt. Medical College, Srinagar.
2. **Praveen Sharma**, Metabolic syndrome :concepts & controversies, Advances in Biochemical and Molecular Diagnostics: Recent Research Trends., 9<sup>th</sup> and 10<sup>th</sup> May 2015, Department of Biochemistry, Govt. Medical College, Srinagar.
3. **Praveen Sharma**, Talk on Stress and Metabolic Disorders, CliniTech : Workshop on Advances in Technology and Quality Assurance in Clinical Laboratory, 3<sup>rd</sup> to 4<sup>th</sup> July, 2015, College of Medicine & JNM Hospital, WBUHS, Kalyani.

4. **Praveen Sharma**, Understanding the Writing Process: Planning and Productivity ACBICON 2015, Department of Biochemistry, PGIMER, Chandigarh, 26<sup>th</sup>-28<sup>th</sup>, November, 2015.

#### **Sessions Chaired:**

1. Safety challenges in contemporary natural and artificial products, NAMS-AIIMS Symposium on “Food Safety: From Farm to Plate, Make Food Safe”, 7<sup>th</sup> April 2015, AIIMS, Jodhpur.
2. Advances in Biochemical and Molecular Diagnostics: Recent Research Trends., 9<sup>th</sup> and 10<sup>th</sup> May 2015, Department of Biochemistry, Govt. Medical College, Srinagar.
3. 21<sup>st</sup> IFCC-EFLM European Congress of Clinical Chemistry and Laboratory Medicine EUROMEDLAB JIB Paris 2015 Exhibition, IFCC- EFLM , 21<sup>st</sup> to 25<sup>th</sup> June 2015, Paris.
4. CliniTech : Workshop on Advances in Technology and Quality Assurance in Clinical Laboratory, Department of Biochemistry, College of Medicine & JNM Hospital, WBUHS, Kalyani, 3<sup>rd</sup> to 4<sup>th</sup> July, 2015, West Bengal.
5. Clinical Chemistry Update- National Seminar, Dept. of Biochemistry, Sher- I- Kashmir Institute of Medical Sciences, 24<sup>th</sup> to 25<sup>th</sup> Aug, 2015, Srinagar.
6. Judge for poster presentation in 53<sup>rd</sup> annual meeting of Australasian Association of Clinical Biochemists from 15<sup>th</sup> – 17<sup>th</sup> September 2015, ANZ Stadium, Sydney NSW
7. Evidence based laboratory and emergency medicine, ACBICON 2015, 26<sup>th</sup> to 25<sup>th</sup> Nov, 2015, PGIMER, Chandigarh.
8. Industrial talks, ACBICON 2015, 26<sup>th</sup> to 25<sup>th</sup> Nov, 2015, PGIMER, Chandigarh.
9. Current Updates in Managing Diabetes Diabetes, IABS 2016, 26<sup>th</sup> -28<sup>th</sup> Feb, 2016, New Delhi.

#### **Invited Lectures**

1. Lead Toxicity, NAMS-AIIMS Symposium on “Food Safety: From Farm to Plate, Make Food Safe”, 7<sup>th</sup> April 2015, AIIMS, Jodhpur.
2. Lead & organ system, Advances in Biochemical and Molecular Diagnostics: Recent Research Trends, 9<sup>th</sup> and 10<sup>th</sup> May 2015, Department of Biochemistry, Govt. Medical College, Srinagar.
3. Metabolic syndrome concepts & controversies, Advances in Biochemical and Molecular Diagnostics: Recent Research Trends, 9<sup>th</sup> and 10<sup>th</sup> May 2015, Department of Biochemistry, Govt. Medical College, Srinagar.
4. Talk on Stress and Metabolic Disorders, CliniTech : Workshop on Advances in Technology and Quality Assurance in Clinical Laboratory, 3<sup>rd</sup> to 4<sup>th</sup> July, 2015, Department of Biochemistry, College of Medicine & JNM Hospital, WBUHS, Kalyani.
5. Gene expression of apoptotic pathway in male fertility, 53<sup>rd</sup> annual meeting of Australasian Association Of Clinical Biochemists from 15<sup>th</sup> – 17<sup>th</sup> September 2015, ANZ Stadium, Sydney NSW

### **Symposium Speaker**

1. Praveen Sharma, Lead & Organ system, Advances in Biochemical and Molecular Diagnostics: Recent Research Trends., 9th and 10th May 2015, Department of Biochemistry, Govt. Medical College, Srinagar.
2. Praveen Sharma, Metabolic syndrome : concepts & controversies, Advances in Biochemical and Molecular Diagnostics: Recent Research Trends., 9<sup>th</sup> and 10<sup>th</sup> May 2015, Department of Biochemistry, Govt. Medical College, Srinagar.
3. Praveen Sharma, Talk on Stress and Metabolic Disorders, CliniTech : Workshop on Advances in Technology and Quality Assurance in Clinical Laboratory, 3<sup>rd</sup> to 4<sup>th</sup> July, 2015, College of Medicine & JNM Hospital, WBUHS, Kalyani.
4. Praveen Sharma, Understanding the Writing Process: Planning and Productivity ACBICON 2015, Department of Biochemistry, PGIMER, Chandigarh, 26<sup>th</sup>-28<sup>th</sup>, November, 2015.

### **Resource Faculty:**

1. Safety challenges in contemporary natural and artificial products, NAMS-AIIMS Symposium on "Food Safety: From Farm to Plate, Make Food Safe", 7<sup>th</sup> April 2015, AIIMS, Jodhpur.
2. 2<sup>nd</sup> Annual conference of the society for Indian Academy of Medical Genetics IAMGCON 2015, 11-13, Dec 2015, AIIMS, Jodhpur.

### **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.

❖ **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 Different 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.

**Scientific Awards/Patents**

1. Appreciation award, creating lead awareness amongst school children, Indian Society for Lead Awareness and Research (InSLAR), 26<sup>th</sup> -27<sup>th</sup> Oct, 2015.
2. Shri A.J Thakur memorial award for significant contribution to the field of Clinical Biochemistry, ACBI. 26<sup>th</sup> to 28<sup>th</sup> Nov, 2015.

## Examinership

1.	MD, Biochemistry Examination	Era's Lucknow Medical College & Hospital	16/07/2015 to 17/07/2015
2.	MBBS, Biochemistry Examination	AIIMS, Raipur	24/07/2015 to 26/07/2015
3.	MD, Biochemistry Examination	RNT, Medical College Udaipur, Rajasthan	17/08/2015 to 18/08/2015
4.	M.Sc. Viva Voce Examination	University of Mumbai, Mumbai Fort	07/09/2015
5.	Ph.D Viva Voce Examination	Integral University, Lucknow	10/10/2015
6.	M.Sc. Biochemistry Examination	PGIMER, Chandigarh	14 <sup>th</sup> -15 <sup>th</sup> December, 2015

## Membership/Post in Journal or Society or Association

S. No.	Membership/Post in an association/society/journal etc.	Organization
1.	President ACBI 2014-2015	ACBI
2.	Editor-in-Chief, IJCB	IJCB
3.	Chairman of Corporate Wing of ACBI	ACBI
4.	Joint Director, Indian Board of Clinical Biochemistry	Indian Board of Clinical Biochemistry
5.	Member National Advisory Board, ACBICON 2012-2013	ACBI
6.	Chairman, APFCB Communication Committee	APFCB
7.	Chief Editor, APFCB News	APFCB
8.	Member International Advisory Board APFCB Congress 2013 Bali	APFCB
9.	Vice President	InSLAR
10.	Director, NRCLPI, Jodhpur	NRCLPI
11.	Organizing Secretary	ACBICON 2014
12.	NABL Assessor	NABL

## National/ International Conferences attended:

- 53<sup>rd</sup> annual meeting of Australasian Association Of Clinical Biochemists from 15<sup>th</sup>-17<sup>th</sup> September 2015, ANZ Stadium, Sydney NSW
- WAME International Conference for Medical Journal Editors, WAME, AIIMS, New Delhi, 1<sup>th</sup>-4<sup>th</sup>, October, 2015.

3. XXVIII World congress of WASPaLM, WASPaLM, Cancun, Mexico, 18<sup>th</sup>-21<sup>th</sup>, November, 2015
4. ACBICON 2015, Department of Biochemistry, PGIMER, Chandigarh, 26<sup>th</sup>-28<sup>th</sup>, November, 2015.
5. 3<sup>rd</sup> National Conference of Forum for Ethics Review Committee, SGPGI, Lucknow, 11<sup>th</sup>-12<sup>th</sup> Dec, 2015
6. 14<sup>th</sup> Annual Meeting of SFRR-India 2015, Department of Biochemistry, College of Medicine & JNM Hospital, WBUHS, Kalyani, 7<sup>th</sup>-9<sup>th</sup>, January, 2016.
7. Global Biotechnology Summit, Vigyan Bhawan, New Delhi, 5<sup>th</sup>-6<sup>th</sup>, Feb, 2016.

### **Workshops/ Conferences Organised**

1. LEADCON2015, Department of Biochemistry, AIIMS, Jodhpur, 26<sup>th</sup> and 27<sup>th</sup>, October 2015

**Name of Faculty: Dr. Vanita Lal Das**

**Designation: Associate Professor**

### **Publications:**

1. MDR TB: Global Changing Paradigm -Diagnosis and Management Global Health Action. 2015 ; 2:Pg :4-7

### **Papers Presented:**

1. **Vanita Lal**, Bharti Bhandari, Bharti Mehta, Anupa Prasad. Webinar-in-class as a component of teaching module for Undergraduate Medical Students gains overall approbation. NAMSCON, AIIMS, Patna.
2. **Vanita Lal**, Ajay Kumar, Manish Parakh Reverse Phase Column Chromatography (RPCC) for High Speed Separation of Amino Acids and its derivatives within basic and Limited Resource Poor Settings. AACB, Sydney,
3. **Vanita Lal Das**, Praveen Sharma, Manish Parakh, Kuldeep Singh, Assaying for Pico molar concentrations of Amino Acids in Suspected Urea Cycle Disorders IAMGCON, AIIMS, Jodhpur
4. **Vanita Lal**, Praveen Sharma, Sanjeev Misra, Kuldeep Singh, Anand Das Team Based Learning (TBL) by Modular Teaching - Reinvigorating Second Semester MBBS Students at AIIMS, Jodhpur FAIMER Poster 2016 Feb, CMC, Ludhiana

### **Invited Lectures**

1. From Normal to Errors in Humans-Classical Urea Cycle Defects. Conference of Association of Physiology & Pharmacology, AIIMS Jodhpur, November 2015 Invited for Genetics of IEM Session at Conference APPICON 2015:

## **Research Project:**

### **❖ Ongoing:**

#### **➤ As Principal Investigator**

1. "Transthyretin (TTR): It's Plausible Role in Depression in Subclinical Hypothyroids & Euthyroids Undergoing Routine Thyroid Profiling" 2<sup>nd</sup> Intramural Project.
2. 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): Ongoing Non funded

#### **➤ As Co-Investigator**

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

### **❖ Completed:**

#### **➤ As Principal Investigator**

1. Team Based Learning (TBL) by Modular Teaching - Reinvigorating Second Semester MBBS Students at AIIMS, Jodhpur. Affiliation, CMC Ludhiana. FAIMER ECFMG Project 2015 on Medical Education
2. Profiling Urinary Amino Acids and Monosaccharides by Thin Layer Chromatography in Paediatric subjects with suspected metabolic disorders.
3. A prospective study to screen encephalopathy neonates for Hyperammonemia with or without Metabolic Acidosis. Intramural 2014-2015.Funded .Dr.S.N. Medical College and Umaid Hospital, Jodhpur, Rajasthan.

#### **➤ As Co-Investigator**

1. Health indices in cotton mill workers in Buhranpur District of Madhya Pradesh. Funded by The Union, IUATLD, New Delhi-2015. International Union against Tb and Lung Disease, South East Office, New Delhi

## **Scientific Awards/Patents**

1. MNAMS, National Academy of Medical Sciences, New Delhi, Nov, 2015

## **Examinership**

1. MBBS, RIMS, Ranchi, 25<sup>th</sup> - 30<sup>th</sup> November 2015
2. M.Sc Thesis Examiner of M.Sc Biochemistry, AIIMS, New Delhi
3. MD Biochemistry, Government Medical College, Gujarat, April 11<sup>th</sup>-12<sup>th</sup> 2016

## **Membership/Post in Journal or Society or Association**

1. Overseas Member: 2015-2016 Australian & Asian Society of Clinical Biochemistry
2. Life Member: SSIEM ,Study of Society of Inborn Errors of Metabolism
3. Life Member : Indian Oncological Society

4. Life Member :SEARME South East Asian Regional Society of Medical Education
5. Life Member IABS.Indian Academy of Biomedical Sciences

**National/ International Conferences attended:**

1. 53<sup>rd</sup> Australasian Society of Clinical Biochemistry ,AACB, Olympic Boulevard/Park, Sydney, NSW, AUS
2. Workshop attended: 53<sup>rd</sup> AACB,Point of Care Testing (POCT),Novotel,Sydney14th September 2015
3. Quality Assurance Programme in Australia As QAP,Novotel,18<sup>th</sup> September 2015
4. NAMSCON, AIIMS Patna & NAMS, New Delhi ,Patna,
5. Workshop on literature Search in PUBMED and reference Management,7<sup>th</sup>-9<sup>th</sup> April, 2016
6. IAMGCON, December 12<sup>th</sup>-13<sup>th</sup> December 2015
7. International conference on Lead Environment and Health, Biochemistry, InSLAR, AIIMS, Jodhpur, 26<sup>th</sup> – 27<sup>th</sup> October 2015
8. APPICON 2015 , Dept of Physiology, AIIMS, Jodhpur, 26<sup>th</sup> – 28<sup>th</sup> November ,2015

**Workshops/ Conferences Organized**

1. Silicotuberculosis Workshop, Co organized by Gravis, UNION, The Fern, 6<sup>th</sup> -7<sup>th</sup> July 2015
2. Lead Workshop (LEADCON 2015), AIIMS, Jodhpur, 26<sup>th</sup>- 27<sup>th</sup> October 2015

**Other information:**

1. Observership in Molecular Biology in DNA Lab, Dr Shubha Phadke, PGI.Lucknow.
2. Underwent Flowcyometry Training, Organized by Flowctometry Solutions, and Dr.Nirupama Trehanpati Aug 16<sup>th</sup>-20<sup>th</sup>, 2015. ILBS,New Delhi
3. Underwent Research Paper Writing –Hands-on as a part of Faculty Development, AIIMS,New Delhi,26<sup>th</sup>-28<sup>th</sup> March 2016
4. Was Invited for Round Table Discussion on LC MS troubleshooting at 53<sup>rd</sup> AACB, Sydney, Australia 13<sup>th</sup>-18<sup>th</sup> September 2015
5. Completed the 3<sup>rd</sup> Contact Session Of FAIMER ,CMC,Ludhiana 2016 February

**Name of Faculty Member: Dr. Indu Saxena**

**Designation: Assistant Professor**

**Publications:**

1. **Indu Saxena**, Varun Shivankur, Manoj Kumar. Urinary Protein Creatinine Ratio in Normal Zero to Three-Day-Old Indian Neonates. JCDR2016; 10(3): BC21-23.
2. **Indu Saxena**, Manoj Kumar, Abhijeet Singh Barath, Anjali Verma, Sumit Garg, Manoj Kumar. Effect of age on response to experimental pain in normal Indian males. JCDR2015; 9(9): CC05-08.

3. **Indu Saxena**, Manoj Kumar, Praveen Sharma. Laboratory investigations in diagnosis and management of diabetes mellitus. Abstract Book of CME on Diabetes: High time to Act. International Epidemiological Association. 7<sup>th</sup>-9<sup>th</sup> April, 2016.

#### **Abstracts Published:**

1. **Indu Saxena**, Manoj Kumar. Comparison of Cardiovascular Reactivity to Cold Pressor Task in Indian Children from Different Economic Backgrounds. In APPICON 2015, 26<sup>th</sup>-28<sup>th</sup> November 2015.
2. Varun Shivankur, **Indu Saxena**, Manoj Kumar. Estimation of Protein Creatinine Ratio in Urine Samples from Early Neonates. In ACBICON-2015, 26<sup>th</sup>-28<sup>th</sup> November 2015

#### **Research projects:**

##### ❖ **Ongoing:**

**Intramural:** To Compare the Urinary Protein Creatinine Ratio in Normal and Undernourished 2-4 Year Old Indian Children

**ICMR-STs:** To compare the urinary protein excretion in smokers with that in non-smokers in Indian men

##### ❖ **Completed:**

###### **Intramural:**

1. As Principal Investigator: To Compare the Urinary Protein Creatinine Ratio in Normal and Undernourished 4-8 Year Old Indian Children.
2. As Co-Investigator: To study cardio metabolic risk factors in young adults of Western Rajasthan.

**ICMR-STs:** To Determine the Urinary Protein Creatinine Ratio in Normal Indian Neonates.

#### **Examinership:**

1. Life Membership of Society of Biological Chemists (INDIA); Life Membership No. 1838
2. Life Membership of Association of Physiologists and Pharmacologists of India; Life Membership No. 1839
3. Life Membership of Association of Clinical Biochemists of India; Membership No. 3407
4. Life Membership of Association of Clinical Biochemists of India, Rajasthan Chapter; Life Membership No. LM-011/2014
5. Annual Membership of Bioinfo Publications; Membership No. 150D4E873E
6. Life Membership of Indian Society for Lead Awareness and Research (InSLAR); Life Membership No. 43/15

**National/International Conferences Attended:**

1. CME on Diabetes: High Time to Act Workshop on Literature Search in PubMed and Reference Management. Organized by Department of Community Medicine and Family Medicine, AIIMS Jodhpur on 7<sup>th</sup>-9<sup>th</sup> April, 2016.
2. IAMGCON (Indian Academy of Medical Genetics Conference). Organized by Department of Department of Pediatrics, AIIMS Jodhpur, and Dr SN Medical College, Jodhpur, on 12<sup>th</sup>-13<sup>th</sup> December, 2015.
3. International Conference on Lead, Environment and Health. Organized by Department of Biochemistry, AIIMS Jodhpur, 26<sup>th</sup>-27<sup>th</sup> October, 2015.
4. APPICON 2015. Organized by Department of Physiology, AIIMS Jodhpur on 26<sup>th</sup>-28<sup>th</sup> November, 2015.

**Other Information:****A. Contributed to the Question Banks of**

1. Nizam's Institute of Medical Sciences, Hyderabad, on 31.12.15
2. National Board of Examinations on 28.3.16

**B. Reviewer:**

1. Journal of Clinical and Diagnostic Research
2. Bioinfo Publications
3. Annals of Pathology and Laboratory Medicine

**Name of Faculty: Dr. Purvi Purohit**

**Designation: Assistant Professor**

**Publications:****Papers**

1. Sharma P, Gupta A, **Purohit P**. Cardiovascular risk factors- Insulin resistance, High sensitivity C-reactive protein and Fibrinogen in pre-menopausal women with polycystic ovarian syndrome. J of Cardio Dis Res. 2015; 6(2): 67-71.
2. **Purohit P**, Sharma P. Atherogenic Index: A Potential Cardiovascular Risk Marker in Coexisting Hypothyroidism and Diabetes Mellitus at Diagnosis. J of Obs and Metab Res 2016 (accepted)
3. **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.

**Books/Chapters**

1. **Book - Purvi Purohit**. Essentials of Biochemistry for BDS & allied sciences by Jaypee Medical Publishers

2. Shailendra Dwivedi, **Purvi Purohit**, Yogesh Mittal, Apul Goel, Rakesh Chandra Verma, Garima Gupta, Sanjay Khattri, Praveen Sharma, Sanjeev Misra, Kamlesh Kumar Pant. Genetic engineering: towards gene therapy and molecular medicine - Book Omics Technologies And Bio-Engineering: towards improving quality of life Authors: Academic Press imprint: Elsevier, USA 2017 ISBN No-0128047496, 9780128047491.

#### **Papers Presented:**

1. **Purohit P** and Sharma P. C-peptide a novel risk factor for CVD risk in hypothyroidism. AACC 2015. Poster presentation. AACC 2015, Atlanta, Clinical Chemistry, Volume 61, Number S10.
2. **Purohit P** and Sharma P. CVD risk beyond LDLc: Non - HDLc, Insulin, Insulin esistance (IR) and apo-proteins in overt hypothyroidism. 42<sup>nd</sup> ACBICON 2015 PGI Chandigarh.

#### **Invited Lectures**

1. Invited speaker at 42<sup>nd</sup> ACBICON 2015, PGI Chandigarh delivered talk on - CVD risk beyond LDLc: Non - HDLc, Insulin, Insulin esistance (IR) and apo-proteins in overt hypothyroidism.

#### **Research Project:**

##### ❖ **Ongoing:**

##### ➤ **As Principal Investigator**

1. Intramural project A pilot study of pro - & anti-inflammatory miRNAs [miR-155 & miR-187] expression in opioid dependent patients.
2. ICMR STS selected. A study of microalbuminuria (MAB) in Chronic obstructive pulmonary disease (COPD)patients with and without co morbidities.

##### ➤ **As Co-Investigator**

1. Intramural project Serum levels of Interleukin-17 and 23 in acute cerebral ischemia patients.
2. Intramural project Serial estimation of serum HMGB1 levels to determine Post Mortem Interval in Human Cadavers.
3. Intramural project Clinical profile and sero-prevalence of brucellosis in relation to vitamin D in western Rajasthan.

##### ❖ **Completed:**

1. Intramural Project A correlation study of Cardio metabolic risk parameters and Urinary Opiates in Opioid dependent patients of Western Rajasthan. [As Principal Investigator]

2. Short Term Research Project of ICMR, entitled: A study of microalbuminuria in obese young adults as potential marker of cardiovascular risk. [As Principal Investigator]

#### **Membership/Post in Journal or Society or Association**

1. Assistant Editor APFCB news; Asia Pacific Federation of Clinical Biochemists

#### **National/ International Conferences attended:**

1. Attended the 2015 AACC Annual Meeting & Clinical Lab Expo from 26<sup>th</sup> to 30<sup>th</sup> July 2015 at Atlanta USA.
2. Attended national symposium "Forensic DNA: Isolation and recovery from body fluids" Indian council of medical research on sponsored by at National law university, Jodhpur from 9<sup>th</sup> – 10<sup>th</sup> October 2015.
3. Attended the 1<sup>st</sup> International conference on Lead, Environment and Health at AIIMS Jodhpur from 26<sup>th</sup>-27<sup>th</sup> October, 2015.
4. Attended 42<sup>nd</sup> ACBICON 2015 from 25<sup>th</sup> – 28<sup>th</sup> November 2015, PGI Chandigarh.
5. Attended the workshop on 'Basics of Flowcytometry' at 42<sup>nd</sup> ACBICON, PGI Chandigarh
6. Attended 42<sup>nd</sup> ACBICON 2015 from 26<sup>th</sup>–28<sup>th</sup> November 2015 at PGI Chandigarh.
7. Attended the 2<sup>nd</sup> Annual conference of Society for Indian Academy of Medical Genetics (IAMGCON 2015) at AIIMS Jodhpur, 11<sup>th</sup> – 13<sup>th</sup> December 2015.

#### **Workshops/ Conferences Organized.**

1. Member organizing committee of 1<sup>st</sup> International conference on Lead, Environment and Health at AIIMS Jodhpur from 26<sup>th</sup>-27<sup>th</sup> October, 2015.

## Department of Community Medicine & Family Medicine

S. No.	Name	Designation
1.	Dr. Pankaja Ravi Raghav	Professor & Head
2.	Dr. Rambir Pal*	Additional Professor
3.	Dr. Pankaj Bhardwaj	Assistant Professor
4.	Dr. Neeti Rustagi	Assistant Professor

### About The Department:

#### Service Delivery

The department of Community Medicine and Family Medicine has grown as one of the key departments with involvement in health service delivery to the population of Rajasthan with the help of Swami Prabhutanand government dispensary, Pratap Nagar as UHTC of the Department, and PHC Dhawa, Keru as Centre for Rural Health AIIMS (CRHA) and CHC Dhundhara. All the health centres provide OPD services on daily basis with approximately three hundred patients in a day. All the health centres

#### 1. Urban Health training centre, Pratap Nagar

##### (a) OPD consultation (Started on 13/11/2014)

Time Period	Number of Patients
2014 (Nov-Dec)	2760
2015 (Jan-Dec)	28949
2016 (Jan-March)	7968
Total	<b>39677</b>

##### (b) Non communicable diseases (NCD) clinic (Started on 14/11/2015)

Time Period	Number of Patients
2015 (Nov-Dec)	254
2016 (Jan-March)	741
Total	<b>995</b>

## 2. Centre for Rural Health AIIMS(CRHA)

### (i) Primary Health Center (PHC) Dhawa

#### (a) OPD consultation (Started on 18/11/2014)

Time Period	Number of Patients
2014 (Nov-Dec)	519
2015 (Jan-Dec)	8099
2016 (Jan-March)	2656
Total	11274

#### (b) Nutritional Assessment for Under 5 Children (Started on 03/08/2015)

Time Period	Number of Patients
2015 (Aug-Dec)	131
2016 (Jan-March)	76
Total	207

### (ii) Primary Health Center (PHC) Keru

#### (a) OPD Consultation (Started on 08/07/2015)

Time Period	Number of Patients
2015 (Jul-Dec)	1883
2016 (Jan-March)	1475
Total	3358

### (iii) Community Health Center (CHC) Dhundhara

#### (a) OPD Consultation (Started on 28/06/2015)

Time Period	Number of Patients
2015 (Jun-Dec)	9865
2016 (Upto 06/01/2016)	363
Total	10228

### Total Clinical Load (UHTC and CRHAs) (From Nov-2014 to March-2016)

Health Facility	Number of Patients
UHTC	40675
CRHA (Dhawa)	11481
CRHA (Keru)	3358
CRHA (Dhundhara)	10228
Total	65742

## Morbidity Profile of Patients at UHTC and CRHAs

Sr. No.	Morbidity	Percentage
1	Respiratory	57-60
2	NCD	9-13
3	Skin related disease	3-6
4	GIT illness	8-11
5	Musculoskeletal	5-10
6	Anaemia	2-4
7	Ear/ Eye illness	2
8	Psychiatric	<1
9	ANC & Gynaecological morbidities	7-9
10	Endemic diseases	2-5
11	Referred to AIIMS Jodhpur & MDM	3-5

### Under graduate training:

The department of Community Medicine and Family Medicine runs “Family Health Advisory Programme” (FHAS) to study the disease, related factors and environment in the family and community by the students. Under FHAS services the department has surveyed nearly 1000 households and undergraduate students visit the allotted families regularly during their scheduled postings. The department has the honour of being a singular department which provides unique competency based training to under graduates at health centers under the supervision of skilled faculty members. In addition to academic learning, under graduates students are being trained in their clinical skills by posting at OPD, Laboratory, Emergency ward, Operation theatre and Drug store of the peripheral centers.

### Research:

The department has rich experience of handling various research projects in the field of public health. The faculty members are also actively involved in supervising under graduate students in the field of research.

### Health Education:

The department is involved in conducting various activities related to health education and creating public awareness. The department in accordance with National Academy of Medical Sciences organized Symposium on “Food Safety” in April 2015. In addition to this, 2<sup>nd</sup> Intercollege National Level Quiz Competition for post graduate Medical students was organized on World Health Day 2015. The department organized workshop on “Food Adulteration” in April 2015, and “Pre hospital trauma care” in August 2015. Delivered health talk to general public and conduct a survey at UHTC Pratapnagar, Jodhpur on the occasion

of World No Tobacco Day 2015 on 31st May 2015. Health talks were organized by the department on the occasion of “International Women’s Day” and “No Tobacco Day”. Department is regularly imparting health education regarding Water hygiene and sanitation practices at Jal Bhagirathi Foundation throughout the year in different spells organized for rural population. World AIDS day was celebrated on 1<sup>st</sup> December 2015 at Balbasera, Jodhpur, and a rehabilitation center for HIV positive children by undergraduates. International Women’s day was celebrated by undergraduate students at Jal Bhagirathi foundation by imparting health education to rural population under guidance of faculty members.

### **Multidiagnostic Camps:**

The department has been actively participating in various health camps, to provide health services to meet the immediate health care needs of the marginalized community in remote rural areas and slums. The department has been contributing in the Health checkup camp organized by “National Urban Health Mission” (Government of Rajasthan). The uniqueness of this tie up camp model between National Urban Health Mission and Department of Community Medicine and Family Medicine lies in the comprehensive approach where health promotion and prevention are given equal importance while curative care is administered. Participation in Health Check-up camp organized by National Urban Health Mission (Government of Rajasthan) in slum area of Chandpol and BJS colony, Jodhpur in the month of August 2015 followed by similar camps at BJS, Baner Road, Parik Bhavan, Raikabagh and Madhuban colony, Jodhpur in September 2015.

Department organized Health checkup camp for geriatric population at ‘Astha’ Old Age Home in November 2015 and nearly 60 individuals were benefited.

Multi diagnostic camps were organized by department at peripheral health centers and other public health care facilities and benefited nearly 800 patients by providing free diagnostic and curative services along with health counseling to the beneficiaries.

### **Immunization sessions and other outreach activities:**

The Department of Community Medicine and Family Medicine is actively conducting immunization sessions at Shramik colony, Jodhpur regularly. Department is the key point for providing prophylactic vaccination to health care professionals like Pre exposure prophylactic vaccination for Hepatitis B to undergraduates, doctors and other para medical staff of AIIMS Jodhpur. Health care professionals vaccinated till date are 1090. Beneficiaries for Rabies post exposure prophylaxis are 15 till date. Varicella, pneumococcal and tetanus vaccination is also regular activity at the department.

Department participated in Pulse Polio immunization programme in November 2015 and was an integral part for monitoring and evaluation of this program in coordination with WHO in February 2016. Department successfully conducted vector control activities in AIIMS , Jodhpur from 26<sup>th</sup> September to 3<sup>rd</sup> November 2015.

### **Conference and other academic activities:**

The department also contributes towards continuous medical education by organizing various academic activities like post graduate and under graduate quiz. National level NAMS-AIIMS Symposium on "Food Safety: From farm to plate make food safe" on 6<sup>th</sup> April & 7<sup>th</sup> April, 2015. Workshop on "Food Adulteration" in collaboration with Public Health Lab (Government of Rajasthan), Jodhpur on 6<sup>th</sup> April 2015. 2<sup>nd</sup> National Inter-College Quiz Competition for post graduate students on World Health Day 2015 theme "Food Safety: From farm to plate make food safe" on 6<sup>th</sup> April 2015. Organized public awareness on Food Safety on 8<sup>th</sup> April 2015. Organization of first psychiatry Health Check-up camp in collaboration with Department of Psychiatry at Centre for Rural Health AIIMS (CRHA), Dhawa on 12<sup>th</sup> May 2015. Quiz competition for undergraduate students on "Infectious Epidemiology" was conducted in September 2015.

**Name of Faculty: Dr. Pankaja Ravi Raghav**

**Designation: Professor & Head**

### **Publications:**

#### **Papers:**

1. Bhardwaj P, Sharma S, **Raghav P R**, 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):1-5
2. **Raghav P**, Prasad N, Dholkia 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): 75-8.

### **Sessions Chaired:**

1. Safety challenges in contemporary natural and artificial products, NAMS-AIIMS Symposium on "Food Safety: From farm to plate make food safe" , Department of Community Medicine and Family Medicine, AIIMS, Jodhpur, 7<sup>th</sup> April, 2015
2. Health systems in India at 60<sup>th</sup> National IPHACON 2016, Dehradun

### **Invited Lectures**

1. Key note speaker, "Gender perspectives in Lung diseases" in Workshop on Future strategies for prevention and cure of silicosis organized by GRAVIS on 20<sup>th</sup> June 2015

### **Resource Faculty:**

1. Expert in stake holder's workshop on Communicable & Non-Communicable Diseases held in DMRC on 27<sup>th</sup>-28<sup>th</sup> June 2015

2. Expert in Regional consultation on Health Assurance in India: The Road Ahead organized by Public health foundation of India, Gandhinagar on 17<sup>th</sup> & 18<sup>th</sup> August 2015
3. Expert in Panel Discussion on Non-Communicable Diseases in Rajasthan Conclave -3 held in DMRC on 13<sup>th</sup> & 14<sup>th</sup> December 2015.
4. Expert in Panel Discussion in World Tuberculosis Day CME on 21<sup>st</sup> March 2016

**Participated in:**

1. Methods in Epidemiologic, Clinical and Operations Research- II (MECOR-II) from 18<sup>th</sup>-23<sup>rd</sup> Jan 2015

**Research Project:**

✧ **Ongoing (Intramural)**

➤ **As Principal Investigator :**

1. **Title:** "Assessment of prevalence, correlates and health parameters of opium users among rural population of Jodhpur: A multi method approach"
2. **Title:** "A study to explore the risk factors for Chronic Obstructive Pulmonary Disease (COPD) among women not exposed to tobacco smoke"

➤ **As Co-Investigator**

1. **Title:** "Intradermal Rabies Vaccination (IDRV) for post exposure prophylaxis in Western Rajasthan: Current operational challenges and their possible solutions"  
Funding Agency: AIIMS, Jodhpur (Intermural Project)  
Innovative Medical Education Research Project
1. **Title:** "Group concept mapping versus traditional method to teach vector borne diseases: A comparative study"

✧ **Completed Research Projects:**

1. **Title:** Determining competencies for the discipline of Family Medicine and Community Medicine for undergraduate medical students
2. **Title:** A study to assess the impact of health education on the knowledge of frontline workers regarding vector borne diseases and its control measures

**Scientific Awards/Patents:**

1. Awarded FAIMER (Research) Fellowship on 25<sup>th</sup> April 2015 at G S (KEM) Medical College, Mumbai
2. Elected as Vice President, Jodhpur Branch, National Medicos Organisation (NMO)
3. Elected as Vice President, Indian Public Health Association (IPHA) West for 2016-2018
4. Awarded Fellowship of IPHA at 60<sup>th</sup> National IPHACON 2016, Dehradun on 4<sup>th</sup> March 2016

**Examinership:**

MD Community Medicine	SN Medical College, Jodhpur, RUHS, Jaipur	13 July 2015
Final MBBS Part 1	SN Medical College, Jodhpur RUHS, Jaipur	14-15 July 2015
MD Community Medicine	Grant Medical College, Mumbai, Maharashtra Medical University	1-4 June 2015
Diploma in Public Health	Grant Medical College, Mumbai, Maharashtra Medical University	5 June 2015
MBBS	Jawaharlal Nehru Medical College, DMIMS (DU), Wardha Maharashtra,	8 February 2016

**Membership/Post in Journal or Society or Association:**

1. Editorial board, International Journal of Biomedical Research; Science Publications
2. Deputy Editor, Indian Journal of Community & Family Medicine; AIIMS Bhubneshwar under aegis of MOHFW
3. Editorial board, International Journal of Communicable Disease; Innovative Publications
4. Member; International Epidemiological Association
5. Editorial board, Open access Biomedical Publishers; Webmed central
6. The Member, Association of Indian Medical Practitioner
7. Membership, American Thoracic Society
8. Membership, National Medicos Organisation

**National/International Conferences attended:**

1. National IPHACON 2016, Dehradun, 4<sup>th</sup> -6<sup>th</sup> March 2016
2. Methods in Epidemiologic, Clinical and Operations Research (MECOR) level II 18<sup>th</sup> - 23<sup>rd</sup> January 2016

**Workshops/Conferences Organized:**

1. NAMS-AIIMS Symposium on Food Safety WHO Day 2015, Organizing Chairperson, AIIMS Jodhpur, 6<sup>th</sup>-7<sup>th</sup> April 2015.
2. 2<sup>nd</sup> National Inter-College Quiz Competition for post graduate students on World Health Day 2015. Department of Community Medicine & Family Medicine, AIIMS, Jodhpur, 7<sup>th</sup> April 2015
3. Workshop on "Food Adulteration" in collaboration with Public Health Lab (Government of Rajasthan), Jodhpur on 6<sup>th</sup> April 2015.
4. Program on International Women's Day 2016. Jal Bhagirathi, Jodhpur, 8<sup>th</sup> March 2016

**Name of Faculty: Dr. Pankaj Bhardwaj**

**Designation: Assistant Professor**

**Publications:**

**Papers**

1. **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
2. **Bhardwaj P**, Bhardwaj N, Mahdi F, Srivastava JP, Gupta U. Integrated teaching program using case-based learning. Int J App Basic Med Res 2015;5:S24-8.
3. Shailja Chambial, Kamla Kant Shukla, Shailendra Dwivedi, **Pankaj Bhardwaj**, Praveen Sharma Blood Lead Level (BLL) in the Adult Population of Jodhpur: A Pilot Study. Ind J Clin Biochem. DOI: 10.1007/s12291-015-0496-y

**Paper Presented:**

1. **Pankaj Bhardwaj**, Kamakshi Kaul, Pankaja Ravi Raghav. A study of determining factors of overweight and obesity among school going children of Jodhpur city. 60<sup>th</sup> Annual National Conference of Indian Public Health Association IPHACON2016;4<sup>th</sup>-6<sup>th</sup> March 2016, HIMS Dehradun.

**Sessions Chaired:**

1. Judged the session on Adolescent Health, National Consultation on Adolescent Health. NCAH; 10<sup>th</sup>-12<sup>th</sup> March 2016, Pramukhswami Medical College, Karamsad, Anand. Gujarat
2. Judged the session on Nutrition, 43<sup>rd</sup> Annual national Conference of Indian Association of Preventive & Social Medicine IAPSMCON2016; 7<sup>th</sup>-9<sup>th</sup> January 2016, GMERS. Gandhinagar

**Invited Lectures**

1. "STI- What youth should know?" Adolescent and Youth Friendly Health Initiative (AYFHI) Through Mentoring Programs For Students. 27<sup>th</sup>-28<sup>th</sup> August 2015. GMCH Chandigarh

**Resource Faculty:**

1. "Back to School. How to write a good research paper". State Conference of ENT Surgeons. RAJSCONAOI2015; 6<sup>th</sup> December 2015. Dr SN Medical College Jodhpur.

## **Research Project:**

### **❖ Ongoing:**

#### **➤ As Principal Investigator**

1. Low Birth weight in newborn and anaemia in pregnancy in Fluoride endemic areas of Western Rajasthan- Extramural-SERB
2. Immunization coverage and its determinants among 12-23 months old children of Jodhpur, ICMR-STC Project by Vipul Yadav

#### **➤ As Co-Investigator**

1. Assessment of nutritional status of under five children attending peripheral centres of AIIMS Jodhpur.
2. Morbidity profile of OPD patients of peripheral centres of AIIMS, Jodhpur using ICD-10

### **❖ Completed:**

#### **➤ As Principal Investigator:**

1. Intradermal Rabies Vaccination (IDRV) for post exposure prophylaxis in Western Rajasthan: Current operational challenges and their possible solutions.
2. A study of determining factors of overweight and obesity among school going children of Jodhpur city- STS-ICMR Project by Ms Kamakshi Kaul

#### **➤ As Co-Investigator:**

1. Assessment of prevalence, correlates and health parameters of opium users among rural population of Jodhpur: A multi method approach
2. Study of blood lead level in children of Jodhpur region

## **Scientific Awards/Patents**

1. Public Health Research Initiative (PHRI) Fellowship

## **Examinership**

1. Invited expert. Rajasthan Public service Commission (RPSC) Ajmer, 9<sup>th</sup> March 2016

## **Membership/Post in Journal or Society or Association:**

1. Membership, American Thoracic Society
2. Membership, Indian Association of Adolescent Health
3. Membership, Indian Society of Lead Awareness & Research ,InSLAR
4. Membership, Indian Society of Oncology

## **National/ International Conferences attended:**

1. Methods in Epidemiologic, Clinical and Operations Research (MECOR). City Center Holiday Inn, Jaipur. 18<sup>th</sup> -23<sup>rd</sup> January 2016
2. 3<sup>rd</sup> National Conference of forum for Ethics Review Committee in India. Theme: Accreditation and Quality Ethics Review, SGPGI Lucknow, 11<sup>th</sup>-12<sup>th</sup> December 2015

**Workshops/ Conferences Organised:**

1. 1<sup>st</sup> International Conference on “Lead, Environment & Health”, Organizing Secretary, AIIMS Jodhpur, 26<sup>th</sup>-27<sup>th</sup> October 2015
2. NAMS-AIIMS Symposium on Food Safety WHO Day 2015, Organizing Secretary, AIIMS Jodhpur, 6<sup>th</sup>-7<sup>th</sup> April 2015
3. Coordinated session on “Medical Audit”, AIIMS Jodhpur, 14<sup>th</sup> January 2016

**Name of Faculty: Dr. Neeti Rustagi**

**Designation: Assistant Professor**

**Publications:****Papers**

1. Malik A, Bhilwar M, **Rustagi N**, Taneja DK. An assessment of facilities and services at Anganwadi centers under the Integrated Child Development Service scheme in Northeast District of Delhi, India. Int J Qual Health Care. 2015 Jun; 27(3):201-6. doi: 10.1093/intqhc/mzv028. Epub 2015 May 9.

**Papers Presented:**

1. **Rustagi N**, Kumar A, Norbu L. An attempt to conduct Haddon matrix analysis of epidemiological accidents in Delhi, India. Young Investigator’s Meet. 29<sup>th</sup> February to 2<sup>nd</sup> March 2016 , Manesar, Delhi NCR.
2. **Rustagi N**, Kumar A, Norbu L. Determinants of Road traffic Injuries admitted to tertiary care center in India. 8<sup>th</sup> Asian Conference for Emergency Medicine. 7<sup>th</sup> November to 10<sup>th</sup> November 2015. Taipei , Taiwan.
3. ATLS Instructor Course. 10<sup>th</sup> May to 12<sup>th</sup> May 2015. JPN Apex Trauma Centre. AIIMS New Delhi.

**Sessions Chaired:**

1. Chaired Sessions for PG Updates Workshop at FPMC from 18<sup>th</sup> November to 21<sup>st</sup> November, 2015 at Institute of Liver Biliary Science , Delhi

**Invited Lectures**

1. “Essence of conducting Qualitative Health research by Family Physicians” for PG Updates Workshop at FPMC from 18<sup>th</sup> November to 21<sup>st</sup> November, 2015 at Institute of Liver Biliary Science, Delhi
2. In- house series of Research Methodology workshop for faculty members and senior residents and coordinated teaching learning activities on “Qualitative Health Research” and “Questionnaire designing and Validation” in August, 2015.

## **Symposium Speaker**

Injury Prevention and control on 24<sup>th</sup> Feb, 2015 in Second AIIMS – PGI National course on Public Health approaches to NCDs at United Services Institute of India, New Delhi.

## **Resource Faculty:**

- Pre hospital trauma Care program on 13<sup>th</sup> and 14<sup>th</sup> August, 2015 at Rajasthan Police Academy, Jaipur, Rajasthan
- Pre hospital trauma Care program on 2<sup>nd</sup> and 3<sup>rd</sup> January, 2016 at Rajasthan Police Academy, Jaipur, Rajasthan
- Pre hospital trauma Care program on 4<sup>th</sup> and 5<sup>th</sup> January, 2016 at PIMS, Telangana
- ATLS Provider Course. 7<sup>th</sup> October to 10<sup>th</sup> October 2015. JPN Apex Trauma Centre. AIIMS New Delhi.
- Faculty Advisor , CMC Ludhiana FAIMER fellowship. 6<sup>th</sup> February to 11<sup>th</sup> February, 2016.

## **Research Project:**

### ❖ **Ongoing:**

#### ➤ **As Principal Investigator**

- ICMR – STS project on “Screening for Non- communicable disease risk factor among police personnel’s in Jodhpur city, Rajasthan”
- Intramural project : An interventional study to train health personnel’s including paramedics in assessing, stabilizing and transporting an injury victim from site of incident to definite health care facility

#### ➤ **As Co-Investigator** : Congenital Rubella syndrome

### ❖ **Completed:**

#### ➤ **As Principal Investigator**

- Guided a MBBS student for ICMR – STS project on “School based evaluation of District fluorosis control program in an endemic village of Jodhpur.
- \* Dr. Rambir Pal, Additional Professor, resigned from the Institute on 7<sup>th</sup> November, 2015

## Department of Dentistry

S.No.	Name	Designation
1	Dr. Ankita Chugh	Assistant Professor
2	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 two clinical Junior Residents. From 1<sup>st</sup> April 2015 to 31<sup>st</sup> March 2016, 10237 new patients were seen in the out-patient department. We cater to around 80-90 patients daily which includes approximately 40-50 new patients each day. Approximately 6311 Intraoral X rays, 1167 Root Canal Treatment (RCTs), 3604 Restorations and Oral prophylaxis, 1261 Minor oral surgical procedures, 45 Dental Implants and 55 Major surgical procedures have been done in the above mentioned period. Our IPD procedures include major surgical procedures like trauma, OSMF, TMJ ankylosis, benign pathologies like cyst, tumors and infections. Dental implants for replacement of missing teeth have also been done.

Conducted a dental diagnostic checkup camp at Sri Aurobindo School for 200 children aged 4-6 years on 10<sup>th</sup> Oct 2015. Conducted another dental diagnostic checkup camp at Dental OPD, AIIMS Jodhpur on 31<sup>st</sup> October Saturday for students aged 14-16 years of Sri Aurobindo School. With the induction of new faculty we soon plan to start orthodontic treatment services in the department.

**Name of Faculty: Dr. Ankita Chugh**

**Designation: Assistant Professor**

### Publications:

#### Papers

1. Chugh VK, Tandon P, Sharma VP, Nagar A, Maurya RP, **Chugh A**. An evaluation of tooth size discrepancies among different malocclusion groups. J Orthod Res. 2015;3(2):119-23
2. Ectodermal dysplasia with true anodontia- Accepted in World Journal of Clinical cases.

### Invited Lectures:

1. Lecture on Oral Submucous Fibrosis for General Dentists on 16<sup>th</sup> October 2015 at Lords Inn Jodhpur

**Resource Faculty:**

“Graftless Solutions for full mouth rehabilitation” Zygomatic Implants for Edentulous Maxilla”

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

Intramural project titled Post-operative bleeding in patients on Aspirin therapy regimens: An observational study

❖ **Completed:**➤ **As Principal Investigator**

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

➤ **As Co-Investigator**

School based evaluation of district fluorosis control programme in an endemic village of Jodhpur: A pilot study. STS funded By ICMR

**National/ International Conferences attended:**

1. Attended 22<sup>nd</sup> National ISOI Conference 2015 on Dental Implantology at Mangalore from 10<sup>th</sup> September 2015- 13<sup>th</sup> September 2015
2. Attended “1<sup>st</sup> International conference on Lead, Environment and Health” at AIIMS Jodhpur from 26<sup>th</sup> -27<sup>th</sup> October, 2015 organized by Department of Biochemistry, AIIMS Jodhpur, Rajasthan.
3. Attended “APPICON 2015” from 26<sup>th</sup> to 28<sup>th</sup> November 2015 organized by Department of Physiology at AIIMS Jodhpur.

**Workshops/ Conferences Organized**

Organized workshop on “Graftless Solutions for Full Mouth Rehabilitation” Zygomatic Implants for Edentulous Maxilla” on 23<sup>rd</sup> Jan 2016 at AIIMS Jodhpur as Organizing Secretary.

**Other information:**

Organised workshop on “Graftless Solutions for full mouth rehabilitation” Zygomatic Implants for Edentulous Maxilla” on 23<sup>rd</sup> Jan 2016 at AIIMS Jodhpur. which 167 delegates participated. Dr. Sankalp Mittal (Associate Professor Government Dental College, Jaipur) and Dr. Vipin Dabas (Principal, Vyas Dental College and Hospital, Jodhpur) were invited as Guest faculty.

**Name of Faculty: Dr. Kirti Chaudhry**  
**Designation: Assistant Professor**

**Publications:**

**Papers**

Dutt N, **Chaudhry K**, Kuwal A, Saini LK, Health related Quality of life in adult obstructive sleep apnoea. J Sleep Disord Ther; 2016: 5;234.

Bindra S, Mehrotra N, **Chaudhry K**, Nagpal K. A Study on Management of Dental Health Care Waste: Hyderabad Experience. IOSR Journal of Dental and Medical Sciences. Sept, 2015 Vol 14 (9) Pg no 98-102.

**Research Project:**

❖ **Ongoing:**

➤ **As Principal Investigator**

Intra mural project: Ultrasonography and color Doppler: An emerging diagnostic modality in surgical endodontics.

**National/ International Conferences attended:**

Sleep Dentistry: Sleepcon, New Delhi; 25<sup>th</sup> March, 2016

**Workshops/ Conferences Organised**

“Graftless Solutions for full mouth rehabilitation” : Zygomatic Implants for Edentulous Maxilla. 23<sup>rd</sup> Jan 2016

## Department of Otorhinolaryngology

S.No.	Name	Designation
1	Dr. Amit Goyal	Assistant Professor

### About The Department

The Department of Otorhinolaryngology at AIIMS Jodhpur is one of the departments witnessing fast growth in terms of patient care services of advanced nature. After starting basic surgeries in the field, we have started advanced Endoscopic Skull Base surgeries including Pituitary tumours surgeries, Meningoencephalic Herniation and Angiofibroma Excision etc.

We are running a successful Cochlear Implant Program, including Surgeries and Rehabilitation of the needy children with the help of Government of Rajasthan and Government of India (under ADIP scheme). Our Audiological unit is well equipped with latest Double Channel Audiometer, Tympanometer, BERA, Screener OAE, ECoChG, ASSR etc.

The Department is involved in three research projects including one ICMR funded, one collaborative with MBM Engineering College, Jodhpur.

We have been regularly conducting academic activities including Symposium, CMEs and Workshops and also involved in public awareness initiatives including camps etc.

Our department has represented the Country at international forums also and is in the process of establishing collaborative and exchange programs.

**Name of Faculty: Dr. Amit Goyal**  
**Designation: Assistant Professor**

### Publications:

#### Papers

1. Medhi J, Handique A, **Goyal A**, Lynser D, Phukan P, Sarma K, Padmanabhan A, Saikia MK, Chutia H. Transnasal tracheobronchial stenting for malignant airway narrowing under local anesthesia: Our experience of treating three cases using this technique. Indian J Radiol Imaging. 2016 Jan-Mar;26(1):103-7. doi: 10.4103/0971-3026.178357.
2. Elhence P, Rao M, **Goyal A**, Kumar A, Khara P, Bhattacharya S. Osteoclast like Giant Cell Tumour of the Parotid Gland - Report of a case diagnosed on Fine Needle Aspiration Cytology with histological and immunohistochemical findings. Diagn Cytopathol. 2016 Apr 15. doi: 10.1002/dc.23482. [Epub ahead of print] PMID:27079183.

### **Books/Chapters**

1. Amit Goyal, Sameer Gupta, Sanjeev Misra. Skull Base Tumours. In: Surgical Oncology: Theory and Multidisciplinary Practice, Graeme J. Poston, Lynda Wyld, Riccardo A. Audisio (Editors), 2<sup>nd</sup> Edition, CRC Press Taylor & Francis Group 2016:185-90.

### **Sessions Chaired:**

1. Dr. Jo Ve Desa Oration. 35<sup>th</sup> Annual Conference of Neuro-otologic & Equilibriometric Society of India (NES). 12<sup>th</sup>-13<sup>th</sup> March, 2016. AIIMS Bhopal.

### **Invited Lectures**

1. Management of Meningoencephalic Herniation of the Temporal Bone. I Curso Internacional De Dissccion Y Cirugia De Hueso Temporal organized (the first ever temporal bone lab set in Paraguay). 20<sup>th</sup>-22<sup>nd</sup> July, 2015. Centro Adivito. Asuncion.
2. Management of Otogenic Brain Abscess – A Novel Technique. IV Congreso De Otorrinolaringologia Y Cirugia De Cabeza Y Cuello and II Congreso Paraguayo De Fonoaudiologia and I Joint Meeting Americal Academy of Otolaryngology - Head & Neck Surgery. 22<sup>nd</sup>-24<sup>th</sup> July, 2015. Asuncion.
3. Tractography of Auditory Pathways in Hearing Loss. 35<sup>th</sup> Annual Conference of Neuro-otologic & Equilibriometric Society of India (NES). 12<sup>th</sup>-13<sup>th</sup> March, 2016. AIIMS Bhopal.

### **Symposium Speaker**

1. Effect of cochlear implantation on cognitive function outcome in elderly (presented during symposium on Physiology of Vestibulo-Audiometric tests and Neuro-physiology of Vision). National Conference of Physiology and Pharmacology (APPICON 2015). 26<sup>th</sup>-28<sup>th</sup> November, 2015. AIIMS Jodhpur.

### **Resource Faculty:**

1. I Curso Internacional De Dissccion Y Cirugia De Hueso Temporal organized at Asuncion (the first ever temporal bone lab set in Paraguay) from 20<sup>th</sup> to 22<sup>nd</sup> July, 2015.
2. IV Congreso De Otorrinolaringologia Y Cirugia De Cabeza Y Cuello and II Congreso Paraguayo De Fonoaudiologia and I Joint Meeting Americal Academy of Otolaryngology - Head & Neck Surgery organized at Asuncion from 22<sup>nd</sup> to 24<sup>th</sup> March, 2015.
3. 36<sup>th</sup> Annual Conference of Rajasthan Branch of Association of Otorhinolaryngologists of India (RAJSCONAOI 2016). 4<sup>th</sup>-6<sup>th</sup> December, 2015. Dr. S.N. Medical College, Jodhpur.
4. 35<sup>th</sup> Annual Conference of Neuro-otologic & Equilibriometric Society of India (NES). 12<sup>th</sup>-13<sup>th</sup> March, 2016. AIIMS Bhopal.
5. Endoscopic & Skull Base Workshop. 26<sup>th</sup>-27<sup>th</sup> March, 2016. AIIMS Patna.

**Research Project:**✧ **Ongoing:**➤ **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.

**Examinership**

1. 3<sup>rd</sup> MBBS (Part – I) Professional Examination 2015. NEIGRIHMS Shillong. 14<sup>th</sup>-15<sup>th</sup> December, 2015.

**Membership/Post in Journal or Society or Association**

1. Executive Body Member, Neuro-otological & Equilibrimetric Society of India
2. Executive Body Member of Rajasthan State Branch of Association of Otorhinolaryngologists of India
3. Chief Editor of Rajasthan Journal of Otolaryngology and Head & Neck Surgery, and Official Journal of Rajasthan State Branch of Association of Otorhinolaryngologists of India

**National/ International Conferences attended:**

1. CME on Blood Safety. AIIMS Jodhpur. 12<sup>th</sup> April, 2015.
2. CME on Endoscopic Skull Base Surgery. Jaipur. 27<sup>th</sup> June, 2015.
3. I Curso Internacional De Disccion Y Cirugia De Hueso Temporal organized at Asuncion (the first ever temporal bone lab set in Paraguay) from 20<sup>th</sup> to 22<sup>nd</sup> July, 2015.
4. IV Congreso De Otorrinolaringologia Y Cirugia De Cabeza Y Cuello and II Congreso Paraguayo De Fonoaudiologia and I Joint Meeting Americal Academy of Otolaryngology - Head & Neck Surgery organized at Asuncion from 22<sup>nd</sup> to 24<sup>th</sup> March, 2015.
5. 36<sup>th</sup> Annual Conference of Rajasthan Branch of Association of Otorhinolaryngologists of India (RAJSCONAOI 2016). Dr. S.N. Medical College, Jodhpur with Pre-conference Workshop on Endoscopic Anterior Skull Base Surgery at AIIMS Jodhpur. 4<sup>th</sup>-6<sup>th</sup> December, 2015.
6. 35<sup>th</sup> Annual Conference of Neuro-otologic & Equilibrimetric Society of India (NES). AIIMS Bhopal. 12<sup>th</sup>-13<sup>th</sup> March, 2016.
7. Regular monthly CMEs of Jodhpur E.N.T. Society.

### **Workshops/ Conferences Organised**

1. 36<sup>th</sup> Annual Conference of Rajasthan Branch of Association of Otorhinolaryngologists of India (RAJSCONAOI 2016). Dr. S.N. Medical College, Jodhpur with Pre-conference Workshop on Endoscopic Anterior Skull Base Surgery at AIIMS Jodhpur. 4<sup>th</sup>-6<sup>th</sup> December, 2015.
2. 35<sup>th</sup> Annual Conference of Neuro-otologic & Equilibriometric Society of India (NES). In the capacity of National Secretary of the Society. AIIMS Bhopal. 12<sup>th</sup>-13<sup>th</sup> March, 2016.
3. Regular monthly CMEs of Jodhpur E.N.T. Society.

### **Other information:**

Apart from regular CMEs of Jodhpur E.N.T. Society, we have conducted one Symposium on Physiology of Vestibulo-Audiometric tests and Neuro-physiology of Vision) during National Conference of Physiology and Pharmacology (APPICON 2015) on 26<sup>th</sup>-28<sup>th</sup> November, 2015 at AIIMS Jodhpur. Many eminent speakers participated and a thought provoking and mind churning discussion held in various newer fields of applied Audio-vestibulometry. Many new ideas were discussed having potential for future meaningful research.

We have also organized a Hands-on cadaver dissection workshop on Endoscopic Anterior Skull Base Surgery on 4<sup>th</sup> December, 2015 in which 20 delegates practiced latest surgical techniques on cadavers under the supervision of experienced faculties. This activity was organized as Pre-conference activity of 36<sup>th</sup> Annual Conference of Rajasthan Branch of Association of Otorhinolaryngologists of India (RAJSCONAOI 2016) organized at Dr. S.N. Medical College, Jodhpur.

## Department of Forensic Medicine & Toxicology

S.No.	Name	Designation
1	Dr. Puneet Setia	Assistant Professor

### About The Department

The Department of Forensic Medicine and Toxicology is involved in active teaching of MBBS and B.Sc. nursing students. The MBBS students are taken to the Regional Forensic Science Laboratory as part of their curriculum and shown the functioning of various divisions of Regional Forensic Science Laboratory as an innovative method for getting them updated about the latest techniques and practices prevalent in the country. The second batch of MBBS (2013 batch) had their second professional examination in December 2015 and subsequently the supplementary examination in February 2016. Both the examination were conducted successfully by the department.

The construction work at mortuary complex has been completed and the mortuary has been made functional. The first autopsy was conducted in March 2016 and a printed post mortem report was despatched using an inbuilt computer software, the first ever such report in the whole of Rajasthan.

The software for the other medico-legal work is in the process of being developed and will be ready soon.

The department is also involved in doing other medico-legal work that is assigned by various agencies, specially the judiciary.

**Name of Faculty: Dr. Puneet Setia**

**Designation: Assistant Professor**

### Publications:

#### Papers

- Shekhawat R S, **Setia P.** "Acute Neurogenic Pulmonary Edema: The Unaddressed Mechanism of Death." Journal of Indian Academy of Forensic Medicine. October-December 2015; 37(4):424-6.
- Bansal YS, Mandal SP, Kumar S, **Setia P.** "Prevalence of Atherosclerotic Coronary Stenosis in Asymptomatic North Indian Population: A Post-mortem Coronary Angiography Study". Journal of Clinical and Diagnostic Research. 2015 Sep; 9(9):HC01-HC04.

- Shekhawat R S, Setia P. “Photography in Forensic Medicine: Guidelines and Recommendations in the Indian Perspective”. Journal of Indian Academy of Forensic Medicine. 2016 (January – March) (Vol-38) (Page no.72)

### **Invited Lectures**

1. Ethical Issue In Sample Collection. National SYMPOSIUM on Forensic DNA: Isolation and Recovery from Body Fluids. 9<sup>th</sup> October 2015, Venue- National Law University, Jodhpur
2. Grantmanship: How to Write a Research Grant Proposal and How to Write a Research Paper. 23<sup>rd</sup> November 2015, Venue- Mahila P.G. Mahavidhyalaya , Jodhpur

### **Symposium Speaker**

1. Protect Every Child from lead Poisoning. 1<sup>st</sup> International Conference on Lead, Environment and Health, 26<sup>th</sup>-27<sup>th</sup> October 2015, Venue- AIIMS, Jodhpur

### **Resource Faculty:**

1. Guest Faculty at Sardar Patel University of Police Security and Criminal Justice, Jodhpur (SPUP)
2. Guest Faculty at National Law University, Jodhpur

### **Research Project:**

#### ✧ Ongoing:

#### ➤ As Principal Investigator

Serial estimation of serum HMGBI levels to determine Post Mortem Interval in Human Cadavers”. Intramural Project

### **Examinership**

1. **Internal Examiner** - MBBS IInd Professional Exam.(main and supplementary) AIIMS, Jodhpur, Dec. 2015 / Feb. 2016.
2. **External Examiner** - MBBS IInd Professional Supplementary Exam. AIIMS, Bhopal, 16<sup>th</sup> May 2015

### **National/ International Conferences attended:**

1. 7<sup>th</sup> European Academy of Forensic Science Conference. EAFS 2015, Prague congress Centre, Prague, Czech Republic , 6<sup>th</sup> to 15<sup>th</sup> September 2015
2. 1<sup>st</sup> International Conference on Lead, Environment and Health. AIIMS, Jodhpur. 26<sup>th</sup> – 27<sup>th</sup> October 2015

## Department of General Medicine

S.No.	Name	Designation
1	Dr. Vikram Singh	Assistant Professor

### About The Department

Medicine department is one of the busiest Department at AIIMS Jodhpur, serving around 200 patients per day in the outpatient department. Bed occupancy in the medicine ward remains 18 to 22 patients per day.

Under the guidance of Dr Kuldeep Singh, Department of Medicine, has been the actively involved many times for integrated teaching and PBL classes held on every Saturday. Department encourages clinical scenario based examination pattern in ward leaving and end semester examination for undergraduate students. Dr Vikram has taken 6 Public awareness lecture on various issues in AIIMS, Jodhpur.

**Name of Faculty: Dr. Vikram Singh**

**Designation: Assistant Professor**

### Publications:

#### Papers –

1. Mridu, **Singh Vikram**, Joshi Anil, Joshi Chitra, Singh Saurabh, Comment on Curley CA:Rule out Pulmonary tuberculosis: Clinical and Radiological clues for Internist, *CCJM* 2015 Apr;82(4):203-204.

### Papers Presented:

1. **Vikram Singh**, Mridu Singh “Orf Infection In A Patient With Brucellosis” Asia Pacific League of Association for Rheumatology Congress, 6-9 September 2015, Chennai, India.
2. **Singh Vikram**, Singh Mridu, “Clinic pathological Evaluation of Pancytopenia in India”- abstract No 90029 (PS-1-3), Published in Program Book of 77<sup>th</sup> Annual Meeting of the Japanese Society of Hematology (JSH2015), Japan

### Invited Lectures

“Primary care management of Type 1 diabetes mellitus” at workshop on Non communicable disease conducted by AIIMS, Bhopal, 16<sup>th</sup> -18<sup>th</sup> November, 2015, Bhopal, India

### **Symposium Speaker**

Member of “Panel Discussion” in Symposium on Tuberculosis: “Unite to End TB” on 21<sup>st</sup> March 2016 held at AIIMS, Jodhpur.

### **Research Project:**

#### ❖ **Ongoing:**

##### ➤ **As Principal Investigator**

1. Role of Aspirin on inflammatory mediators in type 2 Diabetes Mellitus (Intramural Project-AIIMS Jodhpur)
2. Clinical profile and sero-prevalence of brucellosis in relation to vitamin D in western Rajasthan (Intra mural Project AIIMS-Jodhpur)

##### ➤ **As Co-Investigator**

1. Dyslipidemia: An observational Study at AIIMS, Jodhpur
2. “Seroprevalance of Brucellosis in Jodhpur”

### **Membership/Post in Journal or Society or Association**

Life member, Indian Thyroid Society

### **National/ International Conferences attended:**

#### ➤ **International Conference**

1. “Post Graduate course on Rheumatology” by European League against Rheumatism, Prague, Czech Republic, 18<sup>th</sup> -21<sup>th</sup> October 2015
2. 17<sup>th</sup> Asia Pacific League of Associations for Rheumatology Congress, Chennai, India on 6-9 September, 2015.

#### ➤ **National Conference-**

1. 21<sup>st</sup> International Conference on Frontiers of Yoga Research and Applications’ SYVASA University, 3<sup>rd</sup> - 7<sup>th</sup> Jan 2016.
2. Refresher Course Asia Pacific 2 (Recap 2), on Pediatric Rheumatology Feb 12, 2016 to Feb 14, 2016, Mumbai, India

## Department of General Surgery

S.No.	Name	Designation
1	Dr. Mahendra Lodha	Assistant Professor
2	Dr. Ramkaran Chaudhary	Assistant Professor

### About Department

The OPD Services were started on 27<sup>th</sup> July 2013. From 1<sup>st</sup> April 2015 to 31<sup>st</sup> 2016, 12833 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 4<sup>th</sup> floor of the OPD block. The operation theatres and minor OT are located on the 3rd floor of OPD block. A total of 1253 number of major 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. Mahendra Lodha**

**Designation: Assistant Professor**

### Research Project:

❖ **Ongoing:**

➤ **As Co-Investigator :**

1. A Study of efficacy of methylene blue and clinicopathological factors associated with false negative sentinel lymph node biopsy in early breast cancer.
2. Evaluating the dynamics of breast cancer stem cells and miRNA 155 in patients undergoing systemic neo-adjuvant or palliative chemotherapy for breast cancer.

### National/ International Conferences attended:

1. Participate in “AMASICON -2015” organized by Association of minimal access surgeons of India held at Mumbai from 5<sup>th</sup> to 8<sup>th</sup> November 2015.
2. Participate in “ASICON 2015” from 16<sup>th</sup> to 20<sup>th</sup> December 2015 at Gurgaon.
3. Successfully completed “FIAGES course “organized by Indian Association of Gastrointestinal Endo-Surgeons) from 5<sup>th</sup> to 12<sup>th</sup> January 2016 at Erode.

4. Successfully completed “Basic Biostatistics course” from 14<sup>th</sup> March to 19<sup>th</sup> March 2016 at CMC, Vellore.
5. Successfully completed “Short term Fellowship training in Bariatric Surgery “from 4<sup>th</sup> to 8<sup>th</sup> September 2015 at ASIAN BARIATRICS, Ahmedabad, India.

#### **Workshops/ Conferences Organized:**

1. Participate in Minimal access surgery workshop and cam at District Government hospital, Beawar on 20<sup>th</sup> September 2015.

**Name of Faculty: Dr. Ramkaran Chaudhary**

**Designation: Assistant Professor**

#### **Invited Lectures**

1. Participated as faculty in “AIIMS Trauma life support with Power of Ultrasound” course and CME on Infection Control from 15<sup>th</sup> to 17<sup>th</sup> April 2015 at Raipur Chhattisgarh as a part of Chhattisgarh skill development program by Chhattisgarh Government.
2. Participated as Faculty on AUTLS (AIIMS Ultrasound Trauma Life Support – Advanced) in CEUTEH-2015 organised by Department of IT and Emergency, JPN Apex Trauma Centre, AIIMS, New Delhi from 3<sup>rd</sup> August to 5<sup>th</sup> August 2015
3. Invited as Faculty for “INDUSEM 2015” (11<sup>th</sup> Annual INDO-US world congress of emergency Medicine) organized by Department of Emergency Medicine, AIIMS, New Delhi on 3<sup>rd</sup> October 2015..
4. Invited as Faculty in “ASIRAJ 2015” organized at Sardar Patel Medical College, Bikaner on 24<sup>th</sup> October 2015.

#### **Research Project:**

##### **❖ Ongoing:**

##### **➤ As Principal Investigator:**

1. A Study of efficacy of methylene blue and clinicopathological factors associated with false negative sentinel lymph node biopsy in early breast cancer”.

##### **➤ 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.

### **Membership/Post in Journal or Society or Association**

1. Member of Society of Endoscopic and Laparoscopic Surgeons of India (SELSI).
2. Fellow of Minimal Access Surgeons of India (FMAS).
3. Member of Association of Minimal Access Surgeons of India (AMASI).

### **National/ International Conferences attended:**

1. Successfully completed “Short term Fellowship and Training in Bariatric Surgery for two weeks from 26<sup>th</sup> June to 10<sup>th</sup> July 2015 at ASIAN BARIATRICS, Ahmedabad, India.
2. Successfully completed “6<sup>th</sup> Comprehensive Hands On Training Program And Fellowship Course “in Bariatric (Metabolic) Surgery conducted by The GEM obesity and Diabetes Surgery Centre Coimbatore, India from 13<sup>th</sup> August 2015 to 15<sup>th</sup> August 2015.
3. Participated as delegate in “LAPAROFIT 2015” from 20<sup>th</sup> to 21<sup>st</sup> November 2015 organized by GEM Hospital at Chennai.
4. Successfully completed “Basic Biostatistics course” from 14<sup>th</sup> March to 19<sup>th</sup> March 2016 at CMC, Vellore.
5. Participated as delegate in “ENODSURG 2016” from 4<sup>th</sup> to 6<sup>th</sup> March 2016 at AIIMS, New Delhi.
6. Participated at delegate in 8<sup>th</sup> International Live Workshop in laparoscopic Surgery, “LAPAROSURG 2015” from 14<sup>th</sup> to 16<sup>th</sup> May 2015 at Coimbatore organized by GEM Hospital and Research Centre.
7. Member of Expert panel who delivered Public Awareness Lectures on Infertility And Obesity And Its Management at AIIMS, Jodhpur.

## Department of Microbiology

S. No.	Name	Designation
1	Dr. Vijaya Lakshmi Nag	Professor & Head of Department
2	Dr. Anuradha Sharma	Associate Professor
3	Dr. Ravisekhar Gadepalli	Assistant Professor

### About the Department:

The Department has one Professor, one Associate Professor, one Assistant Professor, six Senior Residents and twelve working staff members including Technical Assistants. All members have continued to perform their best and contribute in all possible ways for the all round development of the Department and the Institute as a whole.

#### i) Services to the Medical Institute:

1. Laboratory testing facilities for the patients (Outdoor & Indoor).
2. Imparting theoretical & practical teachings of clinical microbiology to the MBBS and BSc Nursing students.
3. Development of an Intensive Diagnostic, Academic and Research atmosphere in the Department with the involvement of the Residents & Faculty members.
4. Provision of 'Hospital Infection Control' services through a dedicated Infection Control Team. Chairperson and Member Secretary of 'Hospital Infection Control' are from Microbiology Department.
5. Provision of 'Biomedical Waste Management' (BWM) services through a dedicated waste management team and drafting SOPs for different waste disposal. Chairperson and Member Secretary of BWM are from Microbiology Department.

#### ii) Academic activities:

1. The Department actively participated in CPCs & CGRs conducted by the Institute, during the session.
2. Department participated actively in the "Integrated teaching classes" for MBBS students, in coordination with other departments, which are being organized from time to time.
3. Seminars and Journal clubs are being conducted in the Department involving the Residents and Faculty members.
4. Regular orientation classes (regarding practical and applied aspects of Microbiology) for Technicians (Technical Assistants) are being carried out in the Department.
5. Organized "Symposium on Tuberculosis: Unite to End TB" on 21<sup>st</sup> March 2016.
6. A Scientific Quiz was organized for Undergraduates on "World AIDS Day" on 1<sup>st</sup> December 2015.

iii) **Service to the Patients:**

1. The Department has continuously geared itself to cater to the gradually increasing number of samples for various investigations in sections of Bacteriology, Serology, Virology, Parasitology, Mycology and Mycobacteriology.
2. 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 – 3913
  - Blood cultures using fully Automated Blood culture systems (BACTEC-FX and BacT/ALERT-3D) – 739
  - Serological tests (Bacterial and Viral) – 12213
  - Stool examination & PBS for parasites – 642
  - Fungal smear & culture – 199
  - AFB smears and mycobacterial culture – 1300
  - Mantoux tests – 288
  - Microscopy under DOTS – 868
  - HIV screening under ICTC – 1077
  - STI screening under STI clinic – 85

iv) **Specialized Centres:**

1. Directly observed treatment short course (DOTS) Centre under RNTCP is functional since June 2014. Centre is doing sputum smear examination for the presence of acid fast bacilli in pulmonary & extra pulmonary cases and are being referred to their nearest DOTS centre for the treatment.
2. Integrated counselling and testing centre (ICTC) in accordance with State HIV centre, Rajasthan, has been functioning since June 2014, where free HIV testing is done as per NACO guidelines. STI Clinic has also been established and continued to play its vital role in the free screening of STI cases.

v) **Others:**

1. 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.
2. A visiting faculty, Prof. Asha Mathur (DCP, MD, FAMS, FNASc, FASc, FRC (Path.), FTWAS) was invited to give a talk on “Japanese Encephalitis: A persistent threat” on 28<sup>th</sup> Oct. 2015.
3. Dr Surya Kant (Prof & HOD, Department of Pulmonary medicine, King George’s medical University) was invited for delivering a lecture on the eve of “Symposium on Tuberculosis : Unite to End TB”, organized by Department of Microbiology, at AIIMS Jodhpur, on 21<sup>st</sup> March 2016.

**Name of Faculty: Dr. Vijaya Lakshmi Nag**  
**Designation: Professor & Head of Department**

**Publications:**

- i) **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 Counselling and Testing Centre (ICTC) Attendees: A Preliminary Report from North India". AIDS Clin Res Sex Transm Dis 2016, 3: 006
- ii) Anand Kumar Maurya, **Vijaya Lakshmi Nag**, Anuradha Sharma, Ravishekhar Gadepalli, Surya Kant, Ram Awadh Singh Kushwaha. "Molecular diagnosis of NTM infections: Relevance in clinical practice". American Journal of Health Research 2016
- iii) Saroj Dash, Anand Kumar Maurya, Kumar Saurabh, Vivek Hada, Dhruv Mamtor, **Vijaya Lakshmi Nag**. "Emerging Non Tuberculous Mycobacterial infections: A Clinical and Diagnostic Challenge." American Journal of Health Research 2016

**Papers Presented :**

- i) Poster presentation on "Rapid detection and genomic mutational trends of MDRTB isolates by novel GenoType® MTBDR plus assay in Northern India" at CIDSCON-2015, from August 21<sup>st</sup> to 23<sup>rd</sup> at New Delhi.

**Sessions Chaired :**

- i) Faculty discussion on "Post-Surgical Site Infections after Laproscopic Cholecystectomy", Conference on Advanced Laparoscopic Gastro Intestinal Surgery organized by Gastro Surgery Department, JIPMER, Puducherry, from 17<sup>th</sup> to 18<sup>th</sup> of July 2015.
- ii) 2<sup>nd</sup> Annual conference of Society for Indian Academy of Medical Genetics (IAMGCON) held on 12<sup>th</sup> and 13<sup>th</sup> December 2015 at AIIMS, Jodhpur.
- iii) Panel discussion in Public lecture on "Adolescence" at AIIMS Jodhpur.

**Symposium Speaker :**

- i) Title - "TB diagnosis: from culture to molecular and beyond", in "symposium on Tuberculosis: Unite to end TB" held on 21<sup>st</sup> March 2016, at AIIMS Jodhpur.

**Resource Faculty:** in TROPICON-2016 (Mid-term meet of tropical neurology subsection), at Hotel Indana palace Jodhpur, from 5<sup>th</sup> to 6<sup>th</sup> March 2016. in task force meeting on Acute Encephalitis syndrome.

## **Research Project:**

### ✧ **Ongoing:**

#### ➤ **As Co-Investigator:**

- a. Extra mural multicentre (ICMR) project “Congenital Rubella Syndrome Surveillance in India”- 11<sup>th</sup> Jan.2016.

### ✧ **Completed:**

#### ➤ **As Co-Investigator :**

- a. Intramural project on “Microbiological profile of diabetic foot ulcers” funded by AIIMS Jodhpur.
- b. Intramural project on “Rubella seroprevalence among female medical and nursing students of AIIMS Jodhpur”.
- c. Intramural project on “Safe handling of cadavers: an assessment of Infectious agents in anatomy dissection hall”.

## **Scientific Awards/Patents**

- i) 1<sup>st</sup> Prize for Best Poster award – Anand Kumar Maurya, Vijaya Lakshmi Nag, Surya Kant, Ram Awadh Singh Kushwaha, T.N Dhole. “Association between Mycobacterium tuberculosis Beijing/non Beijing strain infection among multidrug-resistant tuberculosis from extra pulmonary tuberculosis cases in Northern India” in 70th National Conference on Tuberculosis and Chest Diseases held in Lucknow from 19th to 21st February, 2016.
- ii) Young Investigator Award from South East Asia and India - Anand Kumar Maurya, Vijaya Lakshmi Nag, Surya Kant, Amresh Kumar Singh, Manoj Kumar, Ram Awadh Singh Kushwaha, T.N Dhole. “Trend of Multidrug Resistance extra pulmonary tuberculosis cases presenting to a tertiary care hospitals in Northern part of India,” from Bill & Milinda foundation and International Society of Infectious Diseases, USA for 17<sup>th</sup> International Conference of Infectious Diseases, Hyderabad, India on 2<sup>nd</sup> March-5<sup>th</sup> March 2016.

## **Examinership :**

- i) MD (Microbiology) Practical & oral, KIMS (Kalinga Institute of Medical Sciences) Bhubaneshwar, 23<sup>rd</sup> – 25<sup>th</sup> April 2015.
- ii) MD (Microbiology) Practical & oral, Rohailkhand Medical College & Hospital, Bareilly, 5<sup>th</sup> -7<sup>th</sup> May 2015.
- iii) MBBS (Microbiology) Supplementary Practical & oral, AIIMS Rishikesh, 14<sup>th</sup> May 2015.
- iv) Paper setting of MD of KIITS University, Bhubaneshwar, in Oct. 2015.
- v) PhD Thesis evaluation, Dept. of Pulmonary Medicine, KGMU, Lucknow.
- vi) PhD Thesis evaluation, Dept. of Microbiology, KGMU, Lucknow.
- vii) PhD Exam, AIIMS, New Delhi on 23<sup>rd</sup> January 2016.

**Membership/Post in Journal or Society or Association :**

- i) Executive council member- Indian Academy of tropical Parasitology (since Sept. 2015)
- ii) Life Member of Indian Academy of tropical medicine (since Sept. 30<sup>th</sup> 2015)
- iii) Member of Board of Studies, Department of Microbiology, KIIT University, Bhubaneshwar, Odisha.
- iv) Reviewer of Journals :
  - a. Indian Journal of Clinical Biochemistry.
  - b. BMJ Research paper.
  - c. AIDS Research and Human Retroviruses.

**National/ International Conferences attended :**

- i) Conference on Advanced Laparoscopic Gastro Intestinal Surgery organized by Gastro Surgery Department, JIPMER, Puducherry, from 17<sup>th</sup> to 18<sup>th</sup> of July 2015.
- ii) 5th Annual conference of Clinical Infectious Diseases Society (CIDSCON) organized by Clinical Infectious Diseases Society at New Delhi, from 21<sup>st</sup> to 23<sup>rd</sup> August 2015.
- iii) “Lead conference” organized by Dept. of Biochemistry & Community Medicine, AIIMS, Jodhpur on 26<sup>th</sup>& 27<sup>th</sup> Oct 2015.
- iv) 61<sup>st</sup> Annual Conference of Association of Physiologists & Pharmacologists of India, at AIIMS, Jodhpur in November 2015.
- v) International Conference on Hospital Management and Infection Control (ISHWMCON) held at AIIMS, New Delhi from 14<sup>th</sup> to 15<sup>th</sup> November 2015 (Delhi Medical Council has awarded 10.5 credit hours.)
- vi) Sepsis Congress - 2015, at Hotel Imperial, Janpath, New Delhi, on 27<sup>th</sup>& 28<sup>th</sup> November 2015.
- vii) 2<sup>nd</sup> Annual conference of Society for Indian Academy of Medical Genetics (IAMGCON) at AIIMS, Jodhpur, held on 12<sup>th</sup> and 13<sup>th</sup> December 2015. (Rajasthan Medical Council has granted 6 credit hours for this.)
- viii) Attended as a member of National Formulary of India (NFI) in National Symposium on “Role of National Formulary of India for Improving use of Medicines” – 14<sup>th</sup> Jan 2016.
- ix) Nominated through Institute for attending Global Biotechnology Summit at Vigyan-Bhawan, organised by MH & FW in coordination to DBT - 5<sup>th</sup> & 6<sup>th</sup> Feb 2016.
- x) Nominated through Institute for attending the Conference on antimicrobial Resistance (AMR) entitled “Combating Antimicrobial resistance : Public health Challenges & Priorities” organised by Ministry of Health And Family Welfare in coordination to WHO & NCDC, at Ashok Hotel, New Delhi from 23-25<sup>th</sup> February 2016.

**Workshops/ Conferences Organized :**

- i) Organizing Secretary of “Symposium on Tuberculosis: Unite to End TB”, at Department of Microbiology, AIIMS Jodhpur, on 21<sup>st</sup> March 2016.

**Other information :**

- Talk on All India Radio regarding “Community awareness on Dengue.” (18<sup>th</sup> August 2015).

**Name of Faculty: Dr. Anuradha Sharma**

**Designation: Associate Professor**

**Publications:**

- i) **Anuradha Sharma**, DV Singh, Mudita Gupta. “Disseminated blastomycosis in a local farmer from Himachal Pradesh, North India: a diagnostic dilemma.” IOSR-JDMS. August 2015. Vol.14 (8). 86-89.
- ii) **Anuradha Sharma**, ML Gupta, RL Sharma. “Spectrum of causative agents of suppurative keratitis in Sub Himalayan region of India - a prospective study”. IOSR JDMS. August 2015. Vol.14 (8).79-84.
- iii) Anand Kumar Maurya, Vijaya Lakshmi Nag, **Anuradha Sharma**, Ravishekhar Gadepalli, Surya Kant, Ram Awadh Singh Kushwaha. “Molecular diagnosis of NTM infections: Relevance in clinical practice.” American Journal of Health Research 2016 (in press).

**Research Project:****✦ Completed:****➤ As Co-Investigator :**

- a. Intramural project on “Microbiological profile of diabetic foot ulcers” funded by AIIMS Jodhpur.
- b. Intramural project on “Rubella seroprevalence among female medical and nursing students of AIIMS Jodhpur”.
- c. Intramural project on “Safe handling of cadavers : an assessment of Infectious agents in anatomy dissection hall”.

**Examinership :** MBBS II<sup>nd</sup> Professional Examination at AIIMS, Jodhpur, December, 2016

**Membership/Post in Journal or Society or Association :**

- i) American Society for Microbiology (ASM).
- ii) American Society for Clinical Pathology (ASCP).

**Other information:**

- i) Submitted Intramural Project entitled “Profile of laboratory confirmed cases of Diphtheria” as Principal Investigator.
- ii) ASCP ISM Certification (69%) – May’2015
- iii) Talk on All India Radio regarding “Prevention of Viral diseases.” (13<sup>th</sup> October 2015).
- iv) Talk on All India Radio regarding “Zika virus.” (18<sup>th</sup> August 2015).

**Name of Faculty: Dr. Ravisekhar Gadepalli**

**Designation: Assistant Professor**

**Publications :**

- i) Anand Kumar Maurya, Vijaya Lakshmi Nag, Anuradha Sharma, **Ravisekhar Gadepalli**, Surya Kant, Ram Awadh Singh Kushwaha. “Molecular diagnosis of NTM infections: Relevance in clinical practice.” American Journal of Health Research 2016 (in press).

**Symposium Speaker :**

- Selected for 17<sup>th</sup> Indo-US Cytometry workshop “Application of Laser Flow Cytometry in Biomedical Research” 14<sup>th</sup> -18<sup>th</sup> March 2016, organized by IISc and NCBS, Bangalore, India.

**Resource Faculty:**

- Scientific faculty member for Organization of Scientific Quiz for Undergraduates on WORLD AIDS Day on 1<sup>st</sup> December 2015.

**Research Project:****❖ Ongoing:****➤ As Principal Investigator :**

- a. Intramural project on “Sero-diagnosis of suspected cases of Brucellosis attending a tertiary level hospital in Jodhpur” (2015) funded by AIIMS Jodhpur.

**➤ As Co-Investigator :**

- a. Effect of Vitamin D level in confirmed cases of brucellosis attending a tertiary care hospital in western Rajasthan (2015).

**❖ Completed:****➤ As Principal Investigator :**

- a. Intramural project on “Microbiological profile of diabetic foot ulcers” funded by AIIMS Jodhpur.

**Membership/Post in Journal or Society or Association :**

- i) American Society For Microbiology (ASM)
- ii) American Heart Association (AHA)
- iii) Reviewer :
  - a. Indian Journal of Medical Microbiology
  - b. Indian Journal of Physiology & Pharmacology

**National/ International Conferences attended :**

- Research work accepted for Oral presentation “Role of G protein coupled-receptor signalling in vascular wall remodelling and Atherosclerosis” “3<sup>rd</sup> International Conference on Hematology & Blood Disorders” on 2-4<sup>th</sup> November 2015, at Atlanta, Georgia, USA.

**Other information:**

- i) **Submitted Intramural Project entitled** “Rate of surgical site infection and antimicrobial susceptibility profile of Methicillin Resistant Staphylococcus aureus in patients undergoing elective surgical procedure” as Co-Investigator.
- ii) **Submitted Extramural Project entitled** “Development and Application of Novel Real-Time Loop mediated Isothermal Amplification for detection and quantification of Hepatitis B viral load” to Department of Biotechnology, India for funding.

## Department of Obstetrics & Gynecology

S.No.	Name	Designation
1	Dr. Pratibha Singh	Additional Professor
2	Dr. Shashank Shekhar	Assistant Professor

### **About The Department:**

Department of Obstetrics & Gynecology has grown significantly in the last one year, though the number of faculty members remains the same. There has been steady increase in the number of patients coming to the OPD for consultation for wide spectrum of problems related to the female genital system - including malignancy of the female genital tract, infertility, Bad Obstetric history and many more.

In the last one year the number of OPD patients seen were 19396, which includes new, old and referred cases. Surgeries (major & minor) done by the department in OT were 317.

The prevalence of cancer cervix is high in this area of Rajasthan, so routine screening for cancer cervix is being offered to all our patients. We have started doing many minor procedures in the OPD (eg cervical biopsy, endometrial biopsy etc)

One significant addition was the initiation of Labour Room services on 11<sup>th</sup> Dec 2015 for catering to the Obstetric population coming to our hospital. Now patients are booked in the OPD for delivery, and they can come any time to the labour room for delivery. We had 38 admissions in labour room in this short span.

We also conducted two workshops in last one year- a Live laparoscopy workshop was conducted on 1.5.2015; with live relay of 3 laparoscopy cases from the OT to the medical college. Another Urogynecology workshop was conducted in association with West zone Yuva Fogsis conference on 31<sup>st</sup> July 2015. This workshop had renowned faculty across India in the field of urogyne- both urologist and gynecologist. The department plans to conduct many more such academic events in future, which will keep all the members of department as well as local doctors updated in the newer development in the field.

With 3 batches of MBBS students coming for their clinical postings, all the members of department were involved in their clinical teaching and training in OPD as well as in OT and wards.

In the coming years we plan to add few more services in the department eg speciality OPD (Gyne oncology, Infertility, Menopausal clinic, adolescent clinic etc) - for better and focused care, We also plan to start IVF services, fetal medicine in coming years; and hope that in coming years our department will become the center of excellence in patient care as well as teaching and training.

**Name of Faculty: Dr. Pratibha Singh**

**Designation: Additional Professor**

**Publications:**

**Papers**

1. Singh K, **Singh P**, Khera D, Genetics of Obesity, Indian J of Genet & Mol Research. ( In press)
2. **Singh P**, Vyas S, Mathur SN, Singh K; Dysgenetic Gonads with Mullerian Anomaly- A rare co-incidence; Indian J of Obst & Gyne.2015
3. Singh K, Ojha S, Bhutada S, **Singh P**, Tracheal agenesis- Role of fetal Autopsy- Indian J of Genet & Mol Res 2015;4(1);31-34.
4. Singh K, **Singh P**;Continuing professional development (CPD) in Genetics and Molecular Biology. Indian J of Genet Mol Res, 2015,4(2); 47-48

**Books/Chapters**

1. Kumar R, Kosta S, **Singh P**, Singh K, DNA fingerprinting: Principles and method' in 'Wonderful world of clinical Genetics' Ed Shubha Phadke, J P Soni, Ashwin Dalal, Kuldeep Singh; Raj Printing Press Jodhpur; released during IAMGCON 2015.
2. Singh K, **Singh P**, Kumar P; Public Health Genetics- In Essential Preventive Medicine; Ed Piyush Gupta CBS Publisher, New Delhi.

**Papers Presented:**

1. As co-author for paper on "Ovarian metastasis of early cervical malignancy" at RGCON Delhi on 7<sup>th</sup> -8<sup>th</sup> Feb 2016.
2. As co-author for paper "Corelation of Paps smear and Colposcopy and cervical biopsy" in 10<sup>th</sup> national conference of Indian Society of Colposcopy and cervical Pathology" at Lucknow on 17<sup>th</sup>-18<sup>th</sup> April 2015.

**Sessions Chaired:**

1. Chaired sessions on "Role of tubal surgery in era of IVF" & "Pregnancy at risk" at West zone Yuva Fogsj, 1<sup>st</sup> -2<sup>nd</sup> Aug 2015, Jodhpur
2. Chaired session on Psychosocial impact of genital tract cancers at national conference of Association of gynecological oncologist of India at Hyderabad
3. Chaired session on "LND in early stage ovarian malignancy "at ISMPO ISO conference at Mumbai 6<sup>th</sup> -8<sup>th</sup> Nov 2015
4. Chaired session on Dilemmas in CIN at national conference of ISCCP at Lucknow, 17<sup>th</sup> -18<sup>th</sup> April 2015.
5. Session on "Fetal medicine "at IAMGCON on 11<sup>th</sup> Dec 2015

**Invited Lectures:**

1. "UTI in Pregnancy" at West zone Yuva Fogsi on 1<sup>st</sup> -2<sup>nd</sup> Aug 2015 at Jodhpur.
2. "Guidelines for Thyroid and Prolactin disorders in infertility" at 2<sup>nd</sup> Yuva ISAR conference at Bhubaneswar Sep 2016.

**Resource Faculty:**

CME on Menopause organized by Umaid Hospital on 18.10.2015; conducted quiz on menopause.

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

1. Gynecologists and Sexual Problems in females; funding nil,

**➤ As Co-Investigator**

1. Rubella seroprevalence in nursing and medical students of AIIMS, Jodhpur (Funded by: AIIMS Jodhpur).
2. Estrogen and progesterone receptors in unexplained infertility (Funded by AIIMS Jodhpur).

**Examinership:**

1. MBBS, S N Medical college, Oct 2015 Jodhpur
2. MD, Sri Aurobindo Institute of Medical Sciences, 26<sup>th</sup> -27<sup>th</sup> May 2015, Indore
3. MBBS, Mahatma Gandhi medical college, Aurangabad, 18<sup>th</sup> -20<sup>th</sup> Jan 2016

**Membership/Post in Journal or Society or Association**

1. Member; Federation of Obstetrics & Gynecological Societies of India
2. Member, Editorial Board; Indian Journal of Obstetrics & Gynecology

**National/ International Conferences attended:**

1. 10<sup>th</sup> National conference of ISCCP at hotel Clarks Avadh, on 16<sup>th</sup> -18<sup>th</sup> April 2015, Lucknow.
2. West Zone Yuva Fogsi conference at Hotel Indana, 31<sup>st</sup> July, 1<sup>st</sup>&2<sup>nd</sup> Aug 2015; Jodhpur
3. 2<sup>nd</sup> national conference of Yuva ISAR at Bhubaneswar on 29<sup>th</sup>-31<sup>st</sup> Aug 2015.
4. Biennial conference of ISMPO ISO at Hotel Marriot in Mumbai, Oct 2015
5. National conference of Indian society of Gynecological Oncology at Hyderabad on Nov 2015.

**Workshops/ Conferences Organised**

1. Live Laparoscopic Workshop and CME, 1<sup>st</sup> May 2015, AIIMS, Jodhpur, India
2. Urogynecology workshop on 31<sup>st</sup> July 2015, at AIIMS Jodhpur

**Name of Faculty: Dr. Shashank Shekhar**

**Designation: Assistant Professor**

**Publications:**

**Papers**

1. Pareek P, Samdariya S, Sharma A, Gupta N, **Shekhar S**, Kirubakaran R. Pentoxifylline and vitamin E alone or in combination for preventing and treating side effects of radiation therapy and concomitant chemoradiotherapy (Protocol). Cochrane database of systematic reviews (Online) 2016(3) · March 2016

**Books/Chapters**

1. **Shekhar S**. Liver Diseases in Pregnancy. In: Alok Sharma ( Editor): A Practical Guide to Third Trimester of Pregnancy. Jaypee Brothers Medical Publishers, India, 2016.

**Sessions Chaired:**

1. Mullerian Anomalies, Yuva FOGSI West Zone 2015, 29<sup>th</sup> – 31<sup>st</sup> July 2015, Hotel Indana Palace, Jodhpur.

**Invited Lectures**

1. Drugs for treatment of Hypertensive Disorders during pregnancy, Yuva FOGSI West Zone 2015, 29<sup>th</sup> – 31<sup>st</sup> July 2015, Hotel Indana Palace, Jodhpur

**Research Project:**

**Completed:**

**2. As Principal Investigator**

Rubella Seroprevalence among Female medical and nursing students of AIIMS Jodhpur.

**Membership/Post in Journal or Society or Association**

1. Member, International Gynecological Cancer Society
2. Member; Federation of Obstetrics & Gynecological Societies of India
3. Member; Association of Minimal Access Surgeons of India
4. Associate Editor, India Journal of Obstetrics & Gynecology Research.
5. Member, Editorial board, Advanced Medical Science
6. Member, Editorial Board, Austin Journal of Clinical Case Reports
7. Member Editorial Board, Austin Journal of In-Vitro Fertilization

**National/ International Conferences attended:**

1. Training in Advanced Laparoscopic Gyne by Ethicon at EISE Delhi, April 10, 2015
2. WHI Training Course in Minimally Invasive Gynecology, AIIMS Delhi, 6.4.15 to 11.4.15

## Department of Ophthalmology

S.No.	Name	Designation
1	Dr. Suwarna Suman	Assistant Professor

### About The Department

From 1<sup>st</sup> April, 2015 to 31<sup>st</sup> March, 2016; total 14355 patients has been seen in the out-patient department. Medical management of common ocular problems as well as vision threatening diseases like glaucoma, corneal ulcer and uveitis is being done routinely. Routine screening of diabetic and hypertensive retinopathy and paediatric fundus examination is being done. The ophthalmology OPD is equipped with slit-lamp, automated perimeter, keratometer, A-scan biometer, tonometer, ophthalmoscopes and retinoscope.

The ophthalmology O.T. is fully functional from 23 February, 2015, with high end operating microscope, phacoemulsification system and other equipments. Major and minor ophthalmic surgeries are done routinely, restoring vision in multitude of patients. From 1<sup>st</sup> April, 2015 to 31<sup>st</sup> March, 2016; total 313 eye surgeries has been performed.

The department is dedicated to patient care, teaching and research.

**Name of Faculty: Dr. Suwarna Suman**

**Designation: Assistant Professor**

### Resource Faculty:

1. Invited as subject expert for moderation of question paper by Rajasthan Public Service Commission (RPSC), July 2015.

### Research Project:

#### ❖ Ongoing:

#### ➤ As Principal Investigator

1. As Guide: STS project: 'Comparison of clinical use of Ocular-Surface Disease Index (OSDI) questionnaire, tear film break-up time and Schirmer tests in diagnosing dry-eye'; ICMR

#### ➤ As Co-Investigator

1. Congenital Rubella Syndrome Surveillance, ICMR

### Membership/Post in Journal or Society or Association:

1. Life Member of "Delhi Ophthalmological Society" (DOS) since 1999
2. Life Member of "UP State Ophthalmological Society" (UP SOS) 1999
3. Life Member of "All India Ophthalmological Society" (AIOS) since 2014
4. Peer Reviewer: Indian Journal of Physiology and Pharmacology.

**National/ International Conferences attended:**

1. 66<sup>th</sup> DOS Annual conference of Delhi Ophthalmological Society; 10<sup>th</sup> -12<sup>th</sup> April, 2015 at Hotel Asoka, New Delhi.
2. CME on Blood Safety by Department of Transfusion medicine & Blood Bank on 12<sup>th</sup> April 2015.
3. "1st International conference on Lead, Environment and Health" at AIIMS Jodhpur from 26<sup>th</sup> -27<sup>th</sup> October, 2015 organized by Department of Biochemistry, AIIMS Jodhpur, Rajasthan.
4. "APPICON 2015" from 26<sup>th</sup> to 28<sup>th</sup> November 2015 organized by Department of Physiology at AIIMS Jodhpur.
5. "ISRPTCON 2015 from 4<sup>th</sup> to 6<sup>th</sup> December 2015 organized by Department of Pharmacology at PGIMER, Chandigarh.
6. "IPSCON 2015" from 17<sup>th</sup> to 20<sup>th</sup> December 2015 organized by Department of Pharmaceutical Sciences at Saurashtra University, Rajkot.
7. "Graftless Solutions for Full Mouth Rehabilitation" on 23<sup>rd</sup> Jan, 2016 organized by Department of Dentistry, AIIMS Jodhpur

## Department of Orthopaedics

S.No.	Name	Designation
1	Dr. Abhay Elhence	Associate Professor
2	Dr. Divesh Jalan	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 and research.

The department has performed approximately 400 surgeries including complex trauma surgeries, neglected trauma, Primary and revision hip and knee replacement surgery, complex paediatric surgeries, deformity corrections and limb lengthening, musculoskeletal oncology surgery.

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

The department has also published some of its work in the form of case reports and 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: Associate Professor**

### Publications:

#### Papers

1. Jalan D, **Elhence A**, Rathore DS, Maley DK. A recurred subungual glomus tumour of the thumb. BMJ Case Rep. 2016 Jan 4; 2016. pii: bcr2015212963. doi: 10.1136/bcr-2015-212963. PubMed PMID: 26729827.
2. Jalan D, **Elhence A**, Yadav P. Measurement of Ulnar Variance in a Regional Subset of Indian Population-A Pilot Study of 30 Subjects. J Clin Diagn Res. 2015 Sep;9(9):RC05-8. doi: 10.7860/JCDR/2015/14180.6543. Epub 2015 Sep 1. PubMed PMID: 26500970; PubMed Central PMCID: PMC4606299.
3. Jalan D, **Elhence A**, Elhence P, Jain P. A case of acute septic arthritis hip caused by Brucella melitensis in an adolescent child. BMJ Case Rep. 2015 Sep 21;2015. pii: bcr2015211678. doi: 10.1136/bcr-2015-211678. PubMed PMID: 26392450.

4. Jalan D, **Elhence A**, Deepak Kumar M, Rathore DS. To the Editor. J Orthop Trauma. 2015 Sep;29(9):e346. doi: 10.1097/BOT.0000000000000388. PubMed PMID: 26295738.
5. Jalan D, **Elhence A**, Maley DK, Rathore DS. Comment On "Functional Outcomes After Total Hip Arthroplasty for the Acute Management of Acetabular Fractures: 1 - to 14 - Year Follow - up". J Orthop Trauma. 2015 Jul 7. [Epub ahead of print] PubMed PMID: 26165268.
6. Dixit S, Kesarwani V, **Elhence A**, Ghatak S. A Study to Analyze Relationship Between Radiological Morphometric measurements of Knee Joint And Symptomatology of Osteoarthritis, The FASEB Journal, April 2015, vol. 29 no. 1 Supplement 865.17
7. Katyal A, Sharma R., **Elhence A**. The Involvement of ANS in Neck Shoulder Pain and Low Back Pain, International Physiology, Volume 3 Number 2 2015

#### **Session Chaired:**

1. Panelist in "THA Post Acetabular Fractures" on 6<sup>th</sup> February, 2016 at ROSACON 2016, Neemrana, Alwar, Rajasthan,
2. Panelist in "Case Discussion in Acetabular Fractures" on 6<sup>th</sup> February, 2016 at ROSACON 2016, Neemrana, Alwar, Rajasthan,
3. Chaired session on "Management of Pelvic Fractures" at IOACON 2015 at Jaipur, 11<sup>th</sup> December, 2015
4. Chaired session on "Case discussions in Acetabulum and Pelvic Fractures" in Advanced CME on Acetabulum Fracture Management, Kerala Orthopaedics Society, Cochin, 11<sup>th</sup> October, 2015.

#### **Invited Lecture/Resource Faculty:**

1. Acute complications of Acetabular surgery, Annual Meeting of APASI, 18<sup>th</sup> – 19<sup>th</sup> April, 2015, APASI and Pune Orthopaedic Society, Pune.
2. Dual gateways to the Acetabulum, Annual Meeting of APASI, 18<sup>th</sup> – 19<sup>th</sup> April, 2015, APASI and Pune Orthopaedic Society, Pune.
3. Definitive Fixation of Anterior Pelvic Injuries, 5<sup>th</sup> National conference of AO Trauma India, 2<sup>nd</sup>-3<sup>rd</sup> May, 2015, AO Trauma India, New Delhi .
4. Radial Head Fractures, Symposium on Upper Limb Trauma, 21<sup>st</sup> July, 2015, Trauma Society of India, Chandigarh
5. Live Surgery and Cadaver workshop on Navigated Hip and Knee Replacement, Current Concepts in Arthroplasty, 20<sup>th</sup> – 21<sup>st</sup> Aug, 2015, AIIMS, Delhi.
6. Live Surgery workshop on revision hip replacement, Current Concepts in Arthroplasty, 20<sup>th</sup> – 21<sup>st</sup> Aug, 2015, AIIMS, Delhi.
7. Invited Lecture on "Gateways to the Acetabulum" in Advanced CME on Acetabulum Fracture Management, Kerala Orthopaedics Society, Cochin, 11<sup>th</sup> October, 2015.

8. Invited Lecture on “Acute complications in Acetabular Fractures” in Advanced CME on Acetabulum Fracture Management, Kerala Orthopaedics Society, Cochin, 11<sup>th</sup> October, 2015.
9. Invited lecture on “Transverse Fractures of the Acetabulum” at Cadaveric Workshop on Acetabular Fracture Management, JPN Trauma Center, AIIMS, New Delhi, 17<sup>th</sup> October, 2015.
10. Demonstration of “Kocher Langenbeck approach to the Acetabulum” at Cadaveric Workshop on Acetabular Fracture Management, JPN Trauma Center, AIIMS, New Delhi, 17<sup>th</sup> October, 2015.
11. Invited lecture in CME Hip Arthroplasty on “Prosthetic Joint Infection” at Annual National Conference of Indian Orthopaedics Association, IOACON 2015, Jaipur, 9<sup>th</sup> December, 2015.
12. Invited lecture in Workshop on Acetabular Fractures on “Transverse Fractures of the Acetabulum” at Annual National Conference of Indian Orthopaedics Association, IOACON 2015, Jaipur, 10<sup>th</sup> December, 2015.
13. Invited lecture in Antibiotic prophylaxis post THA and TKA at Annual National Conference of Indian Orthopaedics Association, IOACON 2015, Jaipur, 13<sup>th</sup> December, 2015.
- 14.4 Invited Guest Lectures in Workshop on Acetabular Fractures at Udaipur 19<sup>th</sup> – 20<sup>th</sup> January, 2016
15. Invited Guest Lecture on “Emergency Management of Pelvic Fractures” on 5<sup>th</sup> February, 2016 at ROSACON 2016, Neemrana, Alwar, Rajasthan,
16. Invited Lecture on “Total Hip Replacement in Fracture Neck Femur in Non elderly” Annual Conference of North Zone Chapter of Indian Orthopaedic Association, Chandigarh, 19<sup>th</sup> February, 2016
17. Case presentation on Distal Radius Fracture at Annual Conference of North Zone Chapter of Indian Orthopaedic Association, Chandigarh, 20<sup>th</sup> February, 2016
18. Invited Lecture on “Anatomy, Classification and Radiology” at Annual Meeting of Association of Pelvi-Acetabular Surgeons, Hyderabad on 4<sup>th</sup>, March, 2016
19. Case discussion session on “Anatomy, Classification and Radiology” at Annual Meeting of Association of Pelvi-Acetabular Surgeons, Hyderabad on 4<sup>th</sup>, March, 2016
20. Invited Lecture on “Transverse and T-Fractures of the Acetabulum” at Annual Meeting of Association of Pelvi-Acetabular Surgeons, Hyderabad on 5<sup>th</sup>, March, 2016

**Symposia speaker:**

1. Radial Head Fractures, Symposium on Upper Limb Trauma, 21<sup>st</sup> July, 2015, Trauma Society of India, Chandigarh

## **Research projects**

### **❖ Ongoing:**

#### **➤ As Principal Investigator**

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, AIIMS, Jodhpur.

### **Examinership:**

1. UG Examinership, SIMS, Meerut

### **Membership/Post in Journal or Society or Association**

1. Secretary, APASI
2. Life Member, Shoulder and Elbow Society of India
3. Member, AO Trauma India

### **National/International Conferences attended:**

1. Annual Meeting of the Association of Pelvi-Acetabular Surgeons of India, APASI, Pune, 18<sup>th</sup> – 19<sup>th</sup> April, 2015. (Faculty & Chair)
2. 5<sup>th</sup> National Conference of AO Trauma India, AO Trauma, New Delhi, 2<sup>nd</sup> – 3<sup>rd</sup> May, 2015. (Faculty)
3. Symposium on Upper Limb Trauma, Trauma Society of India, Chandigarh. 21<sup>st</sup> July, 2015
4. Current Concepts in Arthroplasty Conference cum workshop, AIIMS, New Delhi, 20<sup>th</sup> – 23<sup>rd</sup> August, 2015.
5. Advanced CME on Acetabulum Fracture Management, Kerala Orthopaedics Society, Cochin, 11<sup>th</sup> October, 2015.
6. Cadaveric Workshop on Acetabular Fracture Management, JPN Trauma center, AIIMS, New Delhi, 17<sup>th</sup> October, 2015. (Faculty)
7. Annual National Conference of Indian Orthopaedics Association, IOACON 2015, Jaipur, 9<sup>th</sup> – 12<sup>th</sup> December, 2015. (Faculty & Chairperson)
8. ROSACON 2016, Neemrana, Alwar, Rajasthan, 5<sup>th</sup> – 6<sup>th</sup> February, 2016. (Faculty & Panelist)
9. UP ORTHOCON – 2016, Meerut, 12<sup>th</sup> – 13<sup>th</sup> February, 2016. (Faculty)
10. Annual Conference of North Zone Chapter of Indian Orthopaedic Association, Chandigarh, 19<sup>th</sup> – 20<sup>th</sup> February, 2016 (Faculty & Moderator)
11. Annual Meeting of Association of Pelvi-Acetabular Surgeons, Hyderabad, 4<sup>th</sup> – 6<sup>th</sup>, March, 2016 (Faculty and Chair)

**Eminent Visitors:**

1. Prof. Ulrich Holz, Germany
2. Prof. Ramesh Sen, Chandigarh

**Name of Faculty Member: Dr. Divesh Jalan**

**Designation: Assistant Professor**

**Publications:**

1. **Jalan D**, Elhence A, Rathore DS, Maley DK. A recurred subungual glomus tumour of the thumb. BMJ Case Rep. 2016 Jan 4;2016.
2. Jain P, Tripathi BK, Gupta B, Bhandari B, **Jalan D**. Evaluation of Aspartate Aminotransferase-to-Platelet Ratio Index as a Non-Invasive Marker for Liver Cirrhosis. J Clin Diagn Res. 2015 Nov; 9(11):OC22-4.
3. **Jalan D**, Elhence A, Yadav P. Measurement of Ulnar Variance in a Regional Subset of Indian Population-A Pilot Study of 30 Subjects. J Clin Diagn Res. 2015 Sep;9(9):RC05-8.
4. **Jalan D**, Elhence A, Elhence P, Jain P. A case of acute septic arthritis hip caused by Brucella melitensis in an adolescent child. BMJ Case Rep. 2015 Sep 21;2015.
5. **Jalan D**, Elhence A, Deepak Kumar M, Rathore DS. To the Editor. J Orthop Trauma. 2015 Sep;29(9):e346.
6. **Jalan D**, Elhence A, Maley DK, Rathore DS. Comment On "Functional Outcomes After Total Hip Arthroplasty for the Acute Management of Acetabular Fractures: 1- to 14 - Year Follow - up". J Orthop Trauma. 2015 Jul 7. [Epub ahead of print]
7. Morey VM, **Jalan D**, Mittal R, Gamangatti S. Author's reply. Indian J Orthop. 2015 Mar-Apr;49(2):262.

**Research projects**✧ **Ongoing:**➤ **As Co-Investigator**

- a. An Interventional study to bring individuals with musculoskeletal pain to lower level of discomfort, DMRC, AIIMS, Jodhpur.
- b. 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, AIIMS, Jodhpur.

**Scientific Awards/Patents Received:**

1. Hongkong University/SICOT Orthopaedics Oncology Fellowship for the year 2015 from December 2015-February 2016.

**Examinership:**

1. Clinical Competency Test for the Undergraduate students, University of Hong Kong on Dec 19, 2015

**Membership/Post in Association/ Society/Journal:**

1. Member, AO Trauma
2. Associate Member, SICOT
3. Member, Royal College of Physicians and Surgeons of Glasgow

**National/International Conferences attended:**

1. 5<sup>th</sup> AO Trauma India National Conference, AO Trauma, New Delhi, 1<sup>st</sup>-2<sup>nd</sup> May, 2015
2. AO Trauma Master's Course – Lower Extremities, AO Trauma, Chennai, 29<sup>th</sup> – 31<sup>st</sup> October 2015
3. 30<sup>th</sup> AADO-OLC Comprehensive bioskill course on fracture fixation, Chinese University of Hong Kong, 5-6 Dec, 2015.

## Department of Pathology

S.No.	Name	Designation
1	Dr. Shilajit Bhattacharya	Professor & HOD
2	Dr. Poonam Elhence	Associate 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 01<sup>st</sup> April 2015 to 31<sup>st</sup> March 2016: 25536 CBC, 5538 ESR, 1821 PBF, 14140 Urine Microscopy, 4783 Histopathology, 1534 Immunohistochemistry, 1395 Cervical PAP Smears, 1835 Fine Needle Aspiration Cytology, 99 Smears for Malarial Parasites, 33 Bone Marrow examinations, 412 Reticulocyte counts. There has thus been a more than 100% increase in workload in the period as compared to the previous 12 months.

A fully functional Modular Practical Laboratory has also been commissioned for teaching students with image capture and display facility to teach the real time histopathology from glass slides.

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 have 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 tumor cytogenetics.

The department has had a strength of two faculty members during the period.

**Name of Faculty: Dr. Shilajit Bhattacharya**

**Designation: Professor & Head**

### Publications:

#### Papers

1. Elhence P, Rao M, Goyal A, Kumar A, Khera PS, **Bhattacharya S**, Osteoclast like Giant Cell Tumour of the Parotid Gland Report of a case diagnosed on Fine Needle Aspiration Cytology with histological and immunohistochemical findings, Accepted for publication, Diagnostic Cytopathology, March 2016.

### Sessions Chaired:

1. Session on Colorectal Cancers at the Annual meeting of Asian Clinical Oncology Society.

**Resource Faculty:**

1. 1<sup>st</sup> International Conference on Lead, Environment and Health organized by Department of Biochemistry, AIIMS, Jodhpur, 26<sup>th</sup> – 27<sup>th</sup> October 2015.
2. 61<sup>st</sup> APPICON at AIIMS Jodhpur, 26<sup>th</sup> -28<sup>th</sup> November 2015.
3. IAMGCON- 2<sup>nd</sup> Annual Conference, 12<sup>th</sup> & 13<sup>th</sup> December
4. 11<sup>th</sup> Annual Conference, Indian Society of Colposcopy & Cervical Cytology, AIIMS, Jodhpur

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

- a) Evaluating the dynamics of breast cancer stem cells and miRNA 155 in patients undergoing systemic neo-adjuvant or palliative chemotherapy for breast cancer
- b) Evaluation of transbronchial biopsies using different light sources on bronchoscopy

✧ **Completed:**➤ **As Co-Investigator:-**

1. Immuno histochemical localization of estrogen, progesterone and CD 8+ receptors in patients of infertility

**Examinership**

1. Paper Setter in Pathology for National Board of Examinations, New Delhi
2. Thesis evaluation for MD Pathology, Rajasthan University

**Membership/Post in Journal or Society or Association**

1. Membership of Asian Clinical Oncology Society.

**National/ International Conferences attended:**

1. 1<sup>st</sup> International Conference on Lead, Environment and Health, 26<sup>th</sup> – 27<sup>th</sup> October
2. 61<sup>st</sup> APPICON, 26<sup>th</sup> -28<sup>th</sup> November
3. IAMGCON- 2<sup>nd</sup> Annual Conference, 12<sup>th</sup> & 13<sup>th</sup> December
4. 11<sup>th</sup> Annual Conference, Indian Society of Colposcopy & Cervical Cytology, AIIMS, Jodhpur

**Workshops/ Conferences Organised**

1. 1<sup>st</sup> International Conference on Lead, Environment and Health organized by Department of Biochemistry, AIIMS, Jodhpur, 26<sup>th</sup> – 27<sup>th</sup> October 2015.
2. 61<sup>st</sup> APPICON at AIIMS Jodhpur, 26<sup>th</sup> -28<sup>th</sup> November 2015.
3. IAMGCON- 2<sup>nd</sup> Annual Conference, 12<sup>th</sup> & 13<sup>th</sup> December
4. 11<sup>th</sup> Annual Conference, Indian Society of Colposcopy & Cervical Cytology, AIIMS, Jodhpur

**Name of Faculty: Dr. Poonam Elhence**  
**Designation: Associate Professor**

**Publications:**

**Papers:**

1. Jalan Divesh; Elhence Abhay; **Elhence Poonam**; Jain Princi. A case of acute septic arthritis hip caused by Brucella melitensis in an adolescent child ( Accepted for publication, BMJ Case Reports, September 2015).
2. **Elhence P**, Rao M, Goyal A, Kumar A, Khera PS, Bhattacharya S, Osteoclast like Giant Cell Tumour of the Parotid Gland Report of a case diagnosed on Fine Needle Aspiration Cytology with histological and immunohistochemical findings, Accepted for publication, Diagnostic Cytopathology, March 2016
3. Chaudhary Ramkaran; **Elhence Poonam**; Porwal Pankaj. "Kimura's disease revisited: Report of a case with clinical and cytohistological correlation" (Published, BMJ Case Reports, March 2016)

**Research Project:**

✧ **Ongoing:**

➤ **As Co-Investigator:**

- a) Evaluating the dynamics of breast cancer stem cells and miRNA 155 in patients undergoing systemic neo-adjuvant or palliative chemotherapy for breast cancer
- b) Study of efficacy of Methylene Blue and clinico-pathological factors associated with false negative sentinel lymph node biopsy in early breast cancer

**Examinership:**

1. MBBS Examination at SMS, Jaipur
2. MBBS Examination at SPMC, Bikaner

**National/International Conferences attended:**

1. National/ International Conferences attended: 1<sup>st</sup> International Conference on Lead, Environment and Health, 26<sup>th</sup> – 27<sup>th</sup> October.
2. 61<sup>st</sup> APPICON, 26<sup>th</sup> -28<sup>th</sup> November, 2015.
3. Regional workshop for SOTTO, PGIMER, Chandigarh, 19<sup>th</sup> March, 2016.

**Eminent Visitors:**

1. Brig. V.S. Nijhawan, HOD Department of Pathology, AFMC, Pune
2. Dr S K Acharya, Head Dept of Gastroenterology, AIIMS, New Delhi
3. Dr. Kusum Verma - Professor and Ex- Head of Pathology and Dean, AIIMS, New Delhi. Currently, Chairperson of Cytopathology, Sir Ganga Ram Hospital, New Delhi.

4. Dr. Vijay Nijhawan, Professor & Head, Department of Pathology, AFMC, Pune.
5. Dr. Kavita Sahai- Professor, Department of Pathology, AFMC, Pune.
6. Dr. Anil Keith D'Cruz - Director, Tata Memorial Hospital, Mumbai, and Chief, Head and Neck Services, TMH, Mumbai.
7. Dr. Manjit S Bains- Surgeon, Min H. & Yu-Fan C. Kao Chair in Thoracic Cancer, Memorial Sloan Kettering Cancer Center, New York, USA.
8. Dr. Madhu Mati Goel -Professor, Incharge Histopathology and Cytopathology, KGMU, Lucknow.
9. Dr. Manjula Jain- Director Professor, Department of Pathology, LHMC, Delhi.
10. Dr. Shobha Ghosh- Division of Pulmonary and Critical Care, Department of Internal Medicine, Virginia Commonwealth University Medical Center, Richmond, USA.
11. Dr. Deepak Mishra- Senior Consultant and Head, Department of Lab Sciences, Tata Medical Center, Kolkata.

## Department of Pediatric Surgery

S.No.	Name	Designation
1	Dr. Arvind Sinha	Additional Professor

The OPD Services were started on 27<sup>th</sup> July 2013. From 1<sup>st</sup> April 2015 to 31<sup>st</sup> 2016, 1140 new patients have visited our OPD for various surgical problems. There are one OPD room in our department with well-equipped dressing room on first floor of OPD block. The IPD Block for Pediatric surgical patients is located on 4<sup>th</sup> floor of the OPD block. The operation theatres and minor OT are located on the 3rd floor of OPD block. A total of 364 number of major Surgeries were performed during this period. Major/advanced surgeries were performed in the department, notable among them included –

1. Successful separation of Thoraco-omphalopagus conjoined twins in 21<sup>st</sup> Sept 2015
2. Laparoscopic Pyloromyotomy for Infantile Hypertrophic Pyloric Stenosis on 24<sup>th</sup> Sept 2015

**Name of Faculty: Dr. Arvind Sinha**  
**Designation: Additional Professor**

### Papers Presented:

1. Congenital Diaphragmatic Hernia and Eventration in MAMC Pediatric Surgery Update held on 23<sup>rd</sup> Feb 2016 in Maulana Azad Medical College, New Delhi.

### Scientific Awards/Patents:

1. Granted Fellowship in Minimal Access Surgery (FMAS) in March 2016

### Examinership:

1. Appointed External Examiner to Gujrat University, Ahmedabad for MCh Examination 2015

### Membership/Post in Journal or Society or Association

1. Member of Association of Minimal Access Surgeons of India (AMASI).

**National/ International Conferences attended:**

1. National Conference SELSICON 2015 – 6<sup>th</sup>-8<sup>th</sup> August 2015
2. National Conference of Indian Association of Pediatric Surgeons (IAPS) in Mumbai 1<sup>st</sup>-5<sup>th</sup> Oct 2015
3. EAS-INDIA Roundtable 2015 – Collaboration in Trauma and Nursing in AIIMS, Delhi on 15-16<sup>th</sup> Oct 2015
4. Advances in Pediatric Urology 2015 on 23<sup>rd</sup> Dec 2015 at AIIMS, Delhi
5. FMAS Skill Course in Jaipur on 3<sup>th</sup>-6<sup>th</sup> Mar 2016

## Department of Pediatrics

S.No.	Name	Designation
1	Dr. Kuldeep Singh	Additional Professor
2	Dr. Neeraj Gupta	Assistant Professor
3	Dr. Daisy Khera	Assistant Professor

### About The Department

Department of Pediatrics is one of the active department of the Institute in area of teaching, patient care and research. Currently with the help of Out-patient services and about 15 beds in hospital, 6 NICU and 6 PICU beds, the department has seen 9552 new patients in OPD and admitted nearly 270 patients in ward, 67 in NICU and 174 in PICU. Nearly 7000 patients have been seen as follow up in OPD. The department is also offering special services to patients with Genetic disorders, disability, high risk newborn, well baby clinic with immunization, special clinic for pediatric pulmonary disorders. The admitted patients are usually difficult cases or diagnostic dilemma referred from other specialists or hospital. The ICUs admitted seriously sick children with multiple problems and are being managed as a team. We have to our credit successful management and intact survival of abdomino-thora-copagus **conjoined twins** in our NICU fully managed after their surgery. The department is offering curative, promotive, rehabilitative and preventive care for children and their siblings. Health information to parents is part and parcel of our services. The team Pediatrics has been able to diagnose many rare conditions like “Leucocyte Adhesion Defects”, difficult tuberculosis cases, diabetes mellitus in small children, rare anomalies. The department is actively involved in the teaching, training and research. The department is leading in innovations in learning like Flip Classes, interactive learning, videos as means of teaching. Department is also contributing actively to “Public Lectures” series of the Institute and covered topics like “Vaccination for all ages”, “Adolescent Health” and Genetic Disorders. Department also organized various symposia and workshop like “Neonatal Hypothermia” as part of RAJNEOCON 2015, “National Polio Surveillance Project” sensitization for residents and a Genetic Conference IAMGCON 2015. The department is also carrying out research in areas of Neonatal medicine, Pediatrics pulmonary medicine and medical education. The department has association with National Academy of Medical Sciences (India) and is coordinator for NAMS Center for Research in Medical Education and is publication affairs the Annals of the Academy.

**Name of Faculty: Dr. Kuldeep Singh**  
**Designation: Additional Professor and Head**

**Publications:**

**Papers**

1. Gupta N, Jain P, **Singh K**. Congenital Mirror Movements in a 7-Year-Old Boy. *Pediatr Neurol*. 2015 Dec;53(6):543-4.
2. Sethi P, Bhatia PK, Gupta N, **Singh K**. Multiple Pterygium Syndrome: Challenge for Anaesthesiologist. [Accepted on 10<sup>th</sup> Sep, 2015 in Saudi Journal of Anaesthesia]
3. **Singh K**, Misra S, Bajaj JS, Poster presentations: A New initiative at NAMSCON 2013 at AIIMS Jodhpur. *Ann Natl Acad Med Sci (India)* 2015; 51:54-56
4. Vyas S, Singh P, Mathur NS, **Singh K**. Turner Syndrome – A Report on Three Mosaic and Variant Cases with Subtle Presentation. *Indian J Genet Mol Res* 2014; 3: 57-61.
5. **Singh K**. Health Consequences of Childhood Obesity. *NFI Bulletin* 2015; 36: 6-8
6. **Singh K**, Singh P, Khera D. Genetics of Obesity. *Indian J Genet Mol Res* (accepted)
7. Singh P, Vyas S, Mathur SP, **Singh K**. Dysgenetic Gonads with Mullerian anomaly- A rare case. *Indian J Ob Gynae* 2015; .
8. **Singh K**, Ojha S, Bhutada A, Singh P. Tracheal Agenesis: Role of Fetal Autopsy. *Indian J Genet Mol Res* 2015; 4(1): 31-34
9. **Singh K**, Singh P. Continuing Professional Development (CPD) in Genetics and Molecular Biology. *Indian J Genet Mol Res* 2015; 4(2): 47-48
10. **Singh K**, Singh P, Khera D. Fibrodysplasia Ossificans Progressiva. *Indian J Genet Mol Res*. 2015; 4 (1): 35-37.
11. Mehar V, Somani P, **Singh K**, Munjal VR. Targeted Hearing Screening in Newborns. *Int J Contemp Pediatr*. 2016 Feb;3(1):159-163
12. Jeemon P, Narayanan G, Kondal D, Kahol Kashvi, Bharadwaj A, Purty A, Negi P, Ladhani S, Sanghvi Jyoti, **Singh Kuldeep**, Kapoor D, Sobti Nidhi, Lall D, Manimunda S, Dwivedi S, Toteja G, Prabhakaran D. Task shifting of frontline community health workers for cardiovascular risk reduction: design, rationale and baseline characteristics of a cluster randomised controlled trial (DISHA study) in India. *BMC Public Health* 2016; 16

**Books/Chapters:**

1. Kumar R, Kosta S, Singh P, **Singh K**. DNA Fingerprinting: Principle and Methods. In *The Wonderful World of Clinical Genetics*, Editors Shubha Phadke, JP Soni, Ashwin Dalal, Kuldeep Singh, Raj Printing Press, Jodhpur. Released during IAMGCON 2015, 12<sup>th</sup> December 2015 at AIIMS Jodhpur.
2. **Singh K**, Singh P, Kumar R. Public Health Genetics. In *Essential Preventive Medicine*. Ed Piyush Gupta CBS publisher, New Delhi 2016

**Papers Presented:**

1. Misurya I, **Singh K**. Impact of Digital Media on Sleep Pattern Disturbance in Medical and Nursing Students. ETEBMS, 5<sup>th</sup>-6<sup>th</sup> March 2016, Jodhpur

**Invited Lectures**

1. "Integrated teaching- Horizontal and Vertical" at Professional Development program, UGC, at KIMS University, Bhubaneswar, 29<sup>th</sup> June 2015
2. Innovations in Education: Flip Classroom at Sardar Patel Police University, July 2015
3. Approach to Dysmorphic Baby, RAJNEOCON-2015; 17<sup>th</sup>-18<sup>th</sup> Oct, 2015, Jodhpur
4. Conjoined Twins Separation, RAJNEOCON-2015; 17<sup>th</sup>-18<sup>th</sup> Oct, 2015, Jodhpur

**Symposium Speaker:**

1. Personalized Medicine in Cancer Therapy. 5th Annual conference of Indian Academy of Biomedical Science, 26<sup>th</sup>-28<sup>th</sup> February 2015, New Delhi
2. Challenges in Childhood Tuberculosis. At Symposium on Tuberculosis "Unite to End TB", organized by the Department of Microbiology, AIIMS Jodhpur, 21<sup>st</sup> March 2016.

**Resource Faculty:**

1. Research Advisory Committee, Model Rural Health Research Unit, Bhanpur Kalla, Jaipur, December 2015

**Research Project:****❖➤ Ongoing:****➤ As Principal Investigator:**

- a. Using Flip Class to enhance Medical students active learning- Intramural project from AIIMS
- b. Congenital Rubella syndrome surveillance in India- Multicentric project approved by ICMR.

**➤ As Co-Investigator:**

- a. Improving health and nutritional status of vulnerable segment of population by implementing multi-component health and nutrition education intervention as a sustainable model of intervention. ICMR Task Force Study in 5 districts of Rajasthan with AIIMS Jodhpur as Principal Collaborator with Desert Medicine Research Center, Jodhpur since 2015.
- b. Correlation between salivary and serum C-reactive protein among neonates with sepsis: A pilot study, AIIMS, Jodhpur

**Scientific Awards/Patents:**

1. Student research won Ms Ishita Misuriya best oral paper award for her research titled "Impact of Digital Media on Sleep Pattern Disturbance in Medical and Nursing Students" at ETEBMS, 5<sup>th</sup>-6<sup>th</sup> March 2016, Jodhpur

**Examinership**

1. Undergraduate Exam, MDM Hospital/S N Medical College, Jodhpur, June 2015
2. MD Examiner for Pediatrics at King George's Medical University, Lucknow 5<sup>th</sup> October 2015
3. PhD Examiner for Viva-voce for defending thesis in Medical Genetics at Sanjay Gandhi Post-Graduate Institute of Medical Sciences, Lucknow, March 2016

**Membership/Post in Journal or Society or Association:**

1. Appointed Associate Editor, Annals of the National Academy of Medical Sciences (India) from July 2015

**National/ International Conferences attended:**

1. Capacity Building in Competency based Medical Education at AIIMS, New Delhi, 11<sup>th</sup>-12<sup>th</sup> October 2015
2. 55<sup>th</sup> Annual National Academy of Medical Sciences Conference, 15<sup>th</sup>-16<sup>th</sup> October 2015, AIIMS Patna.
3. 5<sup>th</sup> Annual conference of Indian Academy of Biomedical Sciences, 26<sup>th</sup>-28<sup>th</sup> February 2016, New Delhi

**Workshops/ Conferences Organised**

1. 2<sup>nd</sup> Annual Conference of Indian Academy of Medical Genetics, IAMGCON 2015 at AIIMS Jodhpur 11<sup>th</sup>-13<sup>th</sup> December 2015

**Name of Faculty: Dr. Neeraj Gupta**

**Designation: Assistant Professor**

**Publications:****Papers**

1. Contributed to the WHO Guideline 'Managing possible serious bacterial infection in young infants when referral is not feasible'. Available from URL [http://apps.who.int/iris/bitstream/10665/181426/1/9789241509268\\_eng.pdf](http://apps.who.int/iris/bitstream/10665/181426/1/9789241509268_eng.pdf) Accessed September 9, 2015

2. **Gupta N**, Saini SS, Murki S, Kumar P, Deorari A. Continuous positive airway pressure in preterm neonates: an update of current evidence and implications for developing countries. *Indian Pediatr.* 2015 Apr;52(4):319-28.
3. Shekhar S, **Gupta N**, Kirubakaran R, Pareek P. Oral nifedipine versus intravenous labetalol for severe hypertension during pregnancy: a systematic review and meta-analysis. *BJOG.* 2016 Jan;123(1):40-7.
4. Jaiswal N, Singh M, Koundal R, Kaur N, Thumburu KK, Kaur H, Chadha N, Kumar A, **Gupta N**, Malhotra S. Feasibility and usefulness of gentamicin for use at community level: A systematic review based guidance for policy decisions. *World journal of Pediatrics (Accepted- January 2015).*
5. Pareek P, Samdariya S, Sharma A, **Gupta N**, Shekhar S, Kirubakaran R. Pentoxifylline and vitamin E alone or in combination for preventing and treating side effects of radiation therapy and concomitant chemoradiotherapy. *Cochrane Database of Systematic Reviews 2016, Issue 3. Art. No.: CD012117. DOI: 10.1002/14651858.CD012117.*
6. **Gupta N**, Jain P, Singh K. Congenital Mirror Movements in a 7-Year-Old Boy. *Pediatr Neurol.* 2015 Dec;53(6):543-4.
7. Sethi P, Bhatia PK, **Gupta N**, Singh K. Multiple Pterygium Syndrome: Challenge for Anaesthesiologist. [Accepted on 10<sup>th</sup> Sep, 2015 in *Saudi Journal of Anaesthesia*]
8. Sethi P, **Gupta N**. Effect of dexmedetomidine on blood glucose during surgery. Accepted in *Journal of Anaesthesiology Clinical Pharmacology*
9. Bhatia PK, Sethi P, **Gupta N**, Biyani G. Middle East respiratory syndrome: A new global threat. *Indian J Anaesth.* 2016 Feb;60(2):85-8.

### Invited Lectures

1. High Frequency Ventilation in Neonates, Neonatal Ventilation Workshop; 30<sup>th</sup> April, 2015-3<sup>rd</sup> May, 2015, AIIMS, Delhi
2. Acute Deterioration of a Ventilated Newborn, Neonatal Ventilation Workshop; 30<sup>th</sup> April, 2015-3<sup>rd</sup> May, 2015, AIIMS, Delhi
3. Prevention of Ventilator Associated Pneumonia, CME cum Workshop on Mechanical Ventilation in Children; 22<sup>nd</sup> August, 2015, AIIMS, Raipur
4. High Frequency Ventilation, Neonatology Symposium; 1<sup>st</sup> -3<sup>rd</sup> Aug, 2015, MDM Hospital, Jodhpur
5. Pulmonary Graphics, Neonatology Symposium; 1<sup>st</sup> -3<sup>rd</sup> Aug, 2015, MDM Hospital, Jodhpur
6. Persistent Pulmonary Hypertension in Newborns, RAJNEOCON-2015; 17<sup>th</sup>-18<sup>th</sup> Oct, 2015, Jodhpur
7. Conjoined Twins Separation, RAJNEOCON-2015; 17<sup>th</sup>-18<sup>th</sup> Oct, 2015, Jodhpur
8. Prevention of Neonatal Sepsis, FOGSI, 29<sup>th</sup> Dec, 2015, Jodhpur

**Resource Faculty:**

1. Part of 'Project Review Committee' constituted by ICMR to screen the concept proposals on project entitled "ICMR Call for proposal on Interventions for Preventions of Prematurity'- Meeting held at ICMR, Delhi on 5<sup>th</sup> May, 2015
2. Part of 'External Quality Review Team' for Quality Improvement Project on 'Childbirth and Newborn Care' in Primary Health Care Centres of Haryana, a WHO initiated project-from 13<sup>th</sup> -14<sup>th</sup> August, 2015.

**Research Project:**✧ **Ongoing:**➤ **As Principal Investigator**

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

✧ **Completed:**➤ **As Principal Investigator**

1. Relationship between high sensitivity CRP and impaired glucose tolerance test in obese children and adolescents, ICMR STS Project.

**Scientific Awards/Patents:**

1. Awarded Membership of Academy of Medical Sciences (MAMS) by NAMS

**Examinership**

1. Undergraduate Supplementary Exam, MDM Hospital/S N Medical College, Jodhpur

**Name of Faculty: Dr. Daisy Khara**

**Designation: Assistant Professor**

**Publications:****Papers**

1. Singh K, Singh P, **Khara D**. Fibrodysplasia Ossificans Progressiva. Indian J Genet Mol Res. 2015; 4 (1): 35-37.

**Poster presentation:**

1. Raghunath Barupal, **Daisy Khara**, Kuldeep Singh, Neeraj Gupta. Jacobsen syndrome – A rare disease. IAMGCON, 11<sup>th</sup>-13<sup>th</sup> December 2015, AIIMS, Jodhpur

2. Ambar Bhatnagar, **Daisy Khera**, Kuldeep Singh, Neeraj Gupta. A child with Tay Sach disease. IAMGCON, 11<sup>th</sup>-13<sup>th</sup> December 2015, AIIMS, Jodhpur
3. Anunaya Katiyar, Baldev Sharma, Kuldeep Singh, **Daisy Khera**. Freidrich's ataxia-unusual presentation. IAMGCON, 11<sup>th</sup>-13<sup>th</sup> December 2015, AIIMS, Jodhpur

### **Sessions Chaired:**

1. Genetic Diseases- Prevention and Treatment. IAMGCON, 11th-13th December 2015, AIIMS, Jodhpur

### **Invited Lectures**

1. "Nutritional Rehabilitation for children", Public awareness lecture, 8<sup>th</sup> April 2015, AIIMS, Jodhpur
2. "Management of Asthma in children", Public awareness lecture, 7<sup>th</sup> May 2015, AIIMS, Jodhpur
3. "Vaccine for all ages" Newer vaccines and physicians view points, Public lecture & Panel discussion, 18<sup>th</sup> August 2015, AIIMS, Jodhpur
4. "Adolescence: Some untouched health issues" Public Lecture & Panel Discussion, 3<sup>rd</sup> November 2015, AIIMS, Jodhpur

### **Research Project:**

#### ❖ **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

##### ➤ **As Co-Investigator**

1. Congenital Rubella Syndrome Surveillance in India, ICMR, Delhi- Extramural project

#### ❖ **Completed:**

##### ➤ **As Co-Investigator**

1. A prospective study to screen encephalopathic neonates for hyperammonemia with or without metabolic acidosis : Intramural project

### **Membership/Post in Journal or Society or Association**

1. Editorial board member; Journal of Pediatric Education and Research.
2. Became member of expert group for revision of the National guidelines for management of Pediatric asthma (ABC and ATM) in 2015

### **National/ International Conferences attended:**

1. "The National Training of the Trainers workshop on Pediatric TB" organized by The National Institute of TB and Respiratory diseases and Indian Academy of Pediatrics, Radisson Blue Hotel, Delhi, 25<sup>th</sup>- 26<sup>th</sup> April 2015.
2. "Pediatric Epilepsy Training 1" organized by British Paediatric Neurology Association, Hotel Bijolai Palace, Jodhpur, 16<sup>th</sup> October 2015
3. 17th National Conference of Pediatric Critical Care (NCPCC 2015) & First International Conference on Pediatric Rare Diseases, organized by IAP Intensive care Chapter and IAP Jaipur, Jaipur, Rajasthan, 26<sup>th</sup>-29<sup>th</sup> November, 2015
4. Symposium on Tuberculosis "Unite to End TB", organized by the Department of Microbiology, AIIMS Jodhpur, 21<sup>st</sup> March 2016.
5. "Writing a Research Paper" organized by K L Wig Centre for Medical Education And Technology and The National Medical Journal of India in collaboration with Indian Society of Dental Research, AIIMS Delhi, 26<sup>th</sup>- 27<sup>th</sup> March, 2016.

### **Workshops/ Conferences Organised**

1. Treasurer for IAMGCON 2015. Organised by Department of Pediatrics, AIIMS Jodhpur, Dr SN Medical College and IAP Marwar branch, at AIIMS Jodhpur, 11<sup>th</sup> to 13<sup>th</sup> Dec 2015

### **Eminent Visitors:**

1. Prof I C Verma, Director, Center for Genetic Medicine, Sir Ganga Ram Hospital, New Delhi on 12<sup>th</sup> December 2015
2. Prof Dhavendra Kumar, MD FRCP FRCPCH FACMG, Consultant in Clinical Genetics/ Cardiovascular Genetics, Institute of Cancer and Genetics, University Hospital of Wales, Cardiff, UK from 10<sup>th</sup>-14<sup>th</sup> December 2015 and also took a Public lecture on Common genetic conditions and heart diseases.
3. Prof Shubha Phadke, Head Medical Genetics, SGPGIMS, Lucknow from 11<sup>th</sup>-13<sup>th</sup> December 2015
4. Dr Priya Kishnani, C.L. and Sue Chen Professor of Pediatrics, Division Chief, Medical Genetics, Duke University Medical Center, Durham, USA and spoke on "Gauchers and Lysosomal Storage Disorders" on 12<sup>th</sup> December 2015 as part of Dr S S Agarwal Oration.

### **Workshops/ Conferences Organised**

1. Therapeutic Hypothermia, Department of Pediatrics, AIIMS, Jodhpur, 16<sup>th</sup> Oct, 2015
2. 2<sup>nd</sup> Annual Conference of Indian Academy of Medical Genetics, IAMGCON 2015 from 11<sup>th</sup>-13<sup>th</sup> December 2015 at AIIMS Jodhpur in association with Dr S N Medical College and IAP Marwar Branch, Jodhpur.

## Department of Pharmacology

S.No.	Name	Designation
1	Dr. Sneha Ambwani	Professor & Head
2	Dr. Pramod Sharma	Associate professor
3	Dr. Surjit Singh	Assistant professor

### **About The Department:**

The Department of Pharmacology, AIIMS, Jodhpur framed the teaching module and methodology for undergraduates and the first M.B.B.S. batch entered the second professional year in August 2013. Along with didactic lectures and tutorials, teaching of Pharmacology theory syllabus was supplemented with integrated teaching sessions. Pharmacology teaching was extended beyond 5<sup>th</sup> semester and integrated lectures were conducted for final professional students in collaboration with clinical departments.

The Department of Pharmacology is a designated “Adverse Drug Monitoring Center” (AMC) under “Pharmacovigilance Programme of India” (PvPI) since 2014. Dr Pramod Sharma and Dr Surjit Singh have been respectively appointed as Coordinator and Deputy Incharge for the functioning of AMC. The Department has contributed 185 Adverse drug reactions (ADRs) so far to VigiFlow database. For optimum functionality of AMC department has conducted seminars among the institute doctors, regarding Pharmacovigilance and ADR reporting.

Department faculty has successfully completed, working and has drafted various research projects, the details of which are given below. Also High performance liquid chromatography (HPLC) was installed and the department is planning to start “Therapeutic drug monitoring” (TDM) services using HPLC.

Steps will be taken to establish a CPCSEA certified “Animal house” which is an essential requirement of institute and the department. Animals kept would be utilized by faculty members after institution’s ethical clearance; for research work or skill development.

On the footsteps of Pharmacovigilance, department is planning to establish a “Toxicovigilance” centre. Department is also keen to establish “Drug information centre”.

Department presently have 5 senior and 2 junior residents and has also applied for two M.D. and two PhD seats under postgraduate teaching.

Department organized symposium on “Therapeutic Targets” as a part of 61st National Conference of Association of Physiologist & Pharmacologist of India (APPICON 2015) held at AIIMS- Jodhpur, from 25<sup>th</sup> Nov to 28<sup>th</sup> Nov 2015.

Apart from this, faculty & residents have attended and presented poster/ oral paper on significant topics like global animal testing, computer assisted learning, pleiotropic effects of calcium channel blockers etc. at various conference venues across the country.

**Name of Faculty: Dr. Sneha Ambwani**

**Designation: Professor & Head**

**Publications:**

**Papers**

1. Kaur R, **Ambwani S**, Singh S. Endocannabinoid System: A multi-facet therapeutic target.(Accepted for publication in "Current Clinical Pharmacology")

**Papers Presented:**

1. **Ambwani S**, Nagori BP, Kaklotar D, Hasan N. The professional faculty development: An initiative to improve teaching & learning effectiveness in higher education. Modern trends in Pharmacy education. 29<sup>th</sup> February 2016 at RAK Medical & Health Sciences University & RAK College of Pharmaceutical Sciences, UAE
2. Hasan N, Sharma P, Gupta N, Krishnamurthy B, **Ambwani S**, Singh S "A rare case of hypersensitivity reaction caused by inhalational budesonide" at ICMR sponsored national workshop on "alternatives to animal experimentation: Current status and challenges." on 8<sup>th</sup> and 9<sup>th</sup> Jan 2016 at Geetanjali Institute of Pharmacy, Udaipur.
3. Krishnamurthy B, Sharma P, Hasan N, **Ambwani S** "Evaluation of the effect of animal simulator on teaching of experimental pharmacology to undergraduate student" at ICMR sponsored workshop on "alternatives to animal experimentation: Current status and challenges." on 8<sup>th</sup> and 9<sup>th</sup> Jan 2016 at Geetanjali Institute of Pharmacy, Udaipur.
4. Mehta B, Bhandari B, Pareekh M, **Ambwani S**. EEG and ABER abnormalities in children with speech and language delay. World Academy of Science, Engineering and Technology Transactions on Biomedical and Biological Engineering Vol:3, No:6, 2015

**Sessions Chaired:**

1. 2<sup>nd</sup> Annual conference of Society for Indian Academy of Medical Genetics IAMGCON 2015, All India Institute of Medical Sciences, Jodhpur, 11<sup>th</sup> -13<sup>th</sup> Dec 2015.
2. Session on Oral Presentation at 61<sup>st</sup> National Conference of Association of Physiologist & Pharmacologist of India APPICON 2015, 26<sup>th</sup> -28<sup>th</sup> November 2015 at All India Institute of Medical Sciences, Jodhpur
3. "Food legislation and its enforcement" under NAMS-AIIMS symposium on "Food Safety" organised at All India Institute of Medical Sciences, Jodhpur; on 7<sup>th</sup> April 2015.

**Invited Lectures**

1. "Factors affecting prescribing practices" Workshop on "Improving Availability & Rational Use of Medicines in Public Health Facilities" March-30<sup>th</sup>-31<sup>st</sup> 2016, Maulana Azad Medical College New Delhi.
2. "Hospital Formulary" at 4<sup>th</sup> International & 7<sup>th</sup> National Conference of Indian Society of Rational Pharmacotherapeutics (ISRPTCON-2015) 4<sup>th</sup> -6<sup>th</sup> December 2015 at PGIMER, Chandigarh

3. "Drugs Used in Elderly: A need for expertise in Geriatrics" CME on Rational Pharmacotherapeutics, 28<sup>th</sup> November 2015 at Dr S.N. Medical College, Jodhpur,
4. Drugs used in Lead toxicity" at 1st international conference on Lead, Environment and Health, 26<sup>th</sup> -27<sup>th</sup> October 2015 at All India Institute of Medical Sciences, Jodhpur.

### **Symposium Speaker**

1. Cannabinoid receptor ligands: more potential, less exploited" at 61<sup>st</sup> National Conference of Association of Physiologist & Pharmacologist of India APPICON 2015, 26<sup>th</sup> -28<sup>th</sup> November 2015 at All India Institute of Medical Sciences, Jodhpur

### **Resource Faculty:**

1. "Improving Availability & Rational Use of Medicines in Public Health Facilities" March-30<sup>th</sup>-31<sup>st</sup> 2016

### **Examinership / 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. 2015 Life Member of Association of Physiologists & Pharmacologist of India 2015.
2. Member of Indian Society for Lead awareness and Research Indian Society for Lead awareness and Research (InSLAR) 2015

### **National/ International Conferences/ workshops attended:**

1. Workshop on "Improving Availability & Rational Use of Medicines in Public Health Facilities" March-30<sup>th</sup>-31<sup>st</sup> 2016, Maulana Azad Medical College New Delhi
2. Modern trends in Pharmacy education. 29<sup>th</sup> February 2016 at RAK Medical & Health Sciences University & RAK College of Pharmaceutical Sciences, UAE.
3. 21<sup>st</sup> International Conference on Frontiers in yoga research & its application. 3<sup>rd</sup>-7<sup>th</sup> January 2016 at Prashanti Kutiram, Organized by S-Vyasa Yoga University, Bengaluru.

4. 2<sup>nd</sup> Annual conference of Society for Indian Academy of Medical Genetics IAMGCON 2015, All India Institute of Medical Sciences, Jodhpur, 11<sup>th</sup> -13<sup>th</sup> Dec 2015
5. 4<sup>th</sup> International & 7<sup>th</sup> National Conference of Indian Society of Rational Pharmacotherapeutics (ISRPTCON-2015) 4<sup>th</sup>-6<sup>th</sup> December 2015 at PGIMER, Chandigarh
6. CME on Rational Pharmacotherapeutics, 28<sup>th</sup> November 2015 at Dr S.N. Medical College, Jodhpur,
7. 61<sup>st</sup> National Conference of Association of Physiologist & Pharmacologist of India APPICON 2015, 26<sup>th</sup> -28<sup>th</sup> November 2015 at All India Institute of Medical Sciences, Jodhpur
8. 1<sup>st</sup> international conference on Lead, Environment and Health 26<sup>th</sup> -27<sup>th</sup> October 2015, at All India Institute of Medical Sciences, Jodhpur
9. Symposium on "Food Safety" at NAMS-AIIMS symposium on 7<sup>th</sup> April 2015, at All India Institute of Medical Sciences, Jodhpur

#### **Workshops/ Conferences Organized**

1. Organized symposium on "Therapeutic Targets" as a part of 61<sup>st</sup> National Conference of Association of Physiologist & Pharmacologist of India (APPICON 2015) held at AIIMS- Jodhpur, from 25<sup>th</sup> Nov to 28<sup>th</sup> Nov 2015.

#### **Any Other information:**

Selected for Foundation for Advancement of International Medical Education & Research (FAIMER) fellowship at Regional center CMC Ludhiana for the year 2016

**Name of Faculty: Dr. Pramod Kumar Sharma**

**Designation: Associate Professor**

#### **Publications:**

##### **Papers**

1. Dhamija P, **Sharma PK**, Kalra S. Only generics (drugs/names): Is India ready? Indian J Endocr Metab 2015;19(5):541-5
2. **Sharma PK**, Singh S, Dhamija P. Awareness among tertiary care doctors about Pharmacovigilance Programme of India: Do endocrinologists differ from others? Accepted on January 15<sup>th</sup> 2016 for publication in Indian J Endocr Metab

#### **Resource Faculty:**

1. Invited as subject expert for moderation of question paper by Rajasthan Public Service Commission (RPSC) on 14<sup>th</sup> March 2016.
2. Nominated as External expert to review the research paper and offer expert comment by DRDO, Jodhpur, Govt. of India, Ministry of Defence. (1<sup>st</sup> Feb 2016)

**Research Project:**✧ **Ongoing:**➤ **As Principal Investigator:**

1. Dyslipidaemia: an observational study. (On-going in collaboration with Department of Medicine, AIIMS, Jodhpur; non-funded)

➤ **As Co-Investigator**

1. Study of vitamin D level and cardio metabolic abnormalities in patients with schizophrenia and bipolar disorders.
2. A cross sectional survey of knowledge, attitude and practice of clinical research principles among doctors in tertiary care hospital (submitted for ethical clearance)
3. Knowledge, awareness and practice of ethics among doctors in tertiary care hospital (submitted for ethical clearance)
4. Effect of Impar ganglion block in chronic coccydynia. (submitted for ethical clearance)

**Examinership:**

1. MBBS (Suppl) at AIIMS, Bhubaneswar (11<sup>th</sup> March 2016)
2. MBBS at SPMC, Bikaner (20<sup>th</sup>-23<sup>rd</sup> Feb 2016)
3. MD at SPMC, Bikaner (19<sup>th</sup> Feb 2016)
4. MBBS at SNMC, Jodhpur. (2<sup>nd</sup>-5<sup>th</sup> Feb 2016)
5. MBBS at AIIMS, Jodhpur (Dec 2015)
6. MBBS (Suppl) at AIIMS, Jodhpur (Dec 2015)
7. Evaluator MD (Pharmacology) thesis by “University of Delhi South campus”, New Delhi. (3<sup>rd</sup> Nov 2015)

**Membership/Post in Journal or Society or Association:**

1. Peer reviewer of Indian Journal of Endocrinology and Metabolism
2. Peer reviewer of Indian Journal of Medical Research

**National/ International Conferences attended:**

1. CME on rational Pharmacotherapeutics, SNMC, Jodhpur, 28<sup>th</sup> Nov 2015
2. APPICON 2015, Association of Physiologists & Pharmacologists of India, AIIMS, Jodhpur, 26<sup>th</sup>-28<sup>th</sup> November 2015

**Workshops/ Conferences Organized:**

1. Live surgical workshop on “Graftless solutions for full mouth rehabilitation” Department of dentistry, AIIMS, Jodhpur on 23<sup>rd</sup> Jan 2016.
2. Organized symposium on “Therapeutic Targets” as a part of 61<sup>st</sup> National Conference of Association of Physiologist & Pharmacologist of India (APPICON 2015) held at AIIMS- Jodhpur, from 25<sup>th</sup> Nov to 28<sup>th</sup> Nov 2015.

**Name of Faculty: Dr. Surjit Singh**  
**Designation: Assistant Professor**

**Publications:  
Papers**

1. Boparai JK, **Singh S**. Hemovigilance: A new beginning in India. Int J App Basic Med Res 2015;5: 200-2.
2. Mehta A, Paramshivam G, Chugh VK, **Singh S**, Halkai S and Kumar S. Effect of light-curable fluoride varnish on enamel demineralization adjacent to orthodontic brackets: An in-vivo study. Am J Orthod Dentofacial Orthop 2015;148:814-20.
3. Thareja P, Singh B, **Singh S**, Agrawal D, Kaur P. Biomedical Waste Management: Need for Human civilization. Indian Journal of Clinical Anatomy and Physiology, April – June 2015;2(2):66-73.

**Resource Faculty:**

1. Invited as subject expert for moderation of question paper by Rajasthan Public Service Commission (RPSC) on 14<sup>th</sup> March 2016.

**Research Project:**

❖ **Ongoing:**

➤ **As Principal Investigator**

1. Post-operative bleeding in patients on Aspirin therapy regimens: An Observational Study

➤ **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 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

**Membership/Post in Journal or Society or Association:**

1. Member, "American College of Clinical Pharmacology" (ACCP) since 2015
2. Membership of Indian Society of Oncology, since 2016.
3. Member of Indian Society for Lead Awareness and Research – 49/15 (InSLAR) since 2015

**National/ International Conferences attended:**

1. Attended “74<sup>th</sup> National Course on Educational Science for Teachers of Health Professionals” from 8<sup>th</sup> to 13<sup>th</sup> February 2016 organized by at Department of Medical Education, NTTTC, JIPMER, Puducherry.
2. Attended “IPSCON 2015” from 17<sup>th</sup> to 20<sup>th</sup> December 2015 organized by Department of Pharmaceutical Sciences at Saurashtra University, Rajkot.
3. Attended “ISRPTCON 2015 from 4<sup>th</sup> to 6<sup>th</sup> December 2015 organized by Department of Pharmacology at PGIMER, Chandigarh.
4. Attended “APPICON 2015” from 26<sup>th</sup> to 28<sup>th</sup> November 2015 organized by Department of Physiology at AIIMS Jodhpur.
5. Attended “1<sup>st</sup> International conference on Lead, Environment and Health” at AIIMS Jodhpur from 26<sup>th</sup>-27<sup>th</sup> October, 2015 organized by Department of Biochemistry, AIIMS Jodhpur, Rajasthan.

**Workshops/ Conferences Organized:**

1. Live surgical workshop on “Graftless solutions for full mouth rehabilitation” Department of dentistry, AIIMS, Jodhpur on 23<sup>rd</sup> Jan 2016.
2. Symposium on “Therapeutic Targets” as a part of 61<sup>st</sup> National Conference of Association of Physiologist & Pharmacologist of India (APPICON 2015) held at AIIMS-Jodhpur, from 25<sup>th</sup> Nov to 28<sup>th</sup> Nov 2015.

**Eminent Visitors to the Department:**

1. Prof. Raja Babu Panwar,  
Vice Chancellor,  
Rajasthan University of Health Sciences (RUHS)
2. Prof. K. K. Pant,  
Head of Department, Pharmacology,  
KGMU Lucknow (U.P.)

## Department of Physical Medicine & Rehabilitation

S.No.	Name	Designation
1	Dr. Abhay Elhance Incharge of the Department	Associate 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, research and training and research.

After Inauguration of PMR block department has extended its services in various sections of neuro-rehab, musculoskeletal rehab paediatric and cardio pulmonary rehabilitation.

New Machines are installed in our department including CPM for upper and lower limb and traction (Cervical/lumbar).

Total number of OPD patients has also shown stiff rise with 13,000 new patients and 16000 Follow-up patients.

After taking charge of Department under guidance of Dr. Abhay Elence the department has shown progress in IPD management and continued its services towards Rehabilitation. There were a total of 53 patients admitted for neurorehabilitation.

Department has also boosted its interventional pain management in collaboration with Radiology department with approximately 300 interventions in past 6 months.

Department has also started 6 new research project in collaboration with other department.

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.

**Name of Faculty : Dr. Abhay Elhence**  
**Designation: Associate Professor (Orthopaedics)**

### Research Project:

#### ✧ Ongoing:

##### 1. Impar Ganglion block in chronic coccydynia.

Principal Investigator – Dr. Pushpender Khera

Principal Co-Investigator – Dr. Promod Kumar Sharma

Co-Investigator – Dr. Nitesh Gonnade

**2. Comparative Study PRP with Tapping in plantar fasciitis patients in terms of pain relief.**

Principal Investigator – Dr. Archana Bajpayai

Principal Co-Investigator – Dr. Abhay Elhence

Co-Investigator – Dr. Nitesh Gonnde

**3. Perception of school authorities in Jodhpur towards inclusion Education system for differently abled.**

Principal Investigator – Dr. Divesh Jalan

Principal Co-Investigator – (i) Dr. Abhay Elhence

Principal Co-Investigator – (ii) Dr. Pankaj Bhardwaj

Co-Investigator – (i) Dr. Kirti Mishra

Co-Investigator – (ii) Mr. V. Siddharth (Occupational Therapist)

**4. A study to assess the Locomoter disability in rural areas of Jodhpur district.**

Principal Investigator – Dr. Pankaj Bhardwaj

Principal Co-Investigator – (i) Dr. Abhay Elhence

Principal Co-Investigator – (ii) Dr. Pankaja Raghav

Principal Co-Investigator – (iii) Dr. Divesh Jalan

Co-Investigator – (i) Dr. Dr. Kirti Mishra

Co-Investigator – (ii) Mr. V. Siddharth (Occupational Therapist)

**5. 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.**

Principal Investigator – Dr. Divesh Jalan

Principal Co-Investigator – (i) Dr. Abhay Elhence

Principal Co-Investigator – (ii) Dr. Neeraj Gupta

Co-Investigator – (i) Mr. V. Siddharth (Occupational Therapist)

Co-Investigator – (ii) Dr. Kirti Mishra

**6. Effectiveness of institutional based goal oriented rehabilitation in children with developmental delay disorder.**

Principal Investigator – Dr. Abhay Elhence

Principal Co-Investigator – (i) Dr. Divesh Jalan

Principal Co-Investigator – (ii) Dr. Daisy Khara

Co-Investigator – (i) Dr. Kirti Mishra

Co-Investigator – (ii) Mr. Mohammed Yasir Aijaz (Occupational Therapist)

## Department of Physiology

S.No.	Name	Designation
1	Dr. Sabyasachi Sircar	Professor and Head
2	Dr. Rajesh Kr. Sharma	Additional Professor
3.	Dr. Abhinav Dixit	Associate Professor
4.	Dr. Bharati Mehta	Associate Professor
5.	Dr. Purnima Sharma	Assistant Professor
6.	Dr. Om Lata Bhagat	Assistant Professor
7.	Dr. Bharti Bhandari	Assistant Professor

### About The Department

The Department of Physiology comprises seven faculty members and two residents. The department is primarily involved in teaching MBBS and BSc Nursing students.

The students are taught by didactic lectures. 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.

The internal assessment of students comprises the “system-completion tests” and the “semester examinations”; The former is entirely MCQ based. In the practicals, the students are assessed by Objectively Structured Practical Examination (OSPE) on their psychomotor and cognitive skills.

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 students for the ICMR STS projects. State-of-the-art laboratories for autonomic functions and neurophysiology are functional in the department for facilitating research.

**Name of Faculty : Dr. Sabyasachi Sircar**

**Designation: Professor & Head**

### Publications:

#### Papers

1. **Sircar S.** Physiology research in India: Heading Where? (Editorial) Indian Journal of Physiology and Pharmacology. 2015; 59(4): 360

2. **Sircar S.** A simple device for measuring static compliance of lung-thorax combine. *Advances in Physiology Education*. *Adv Physiol Educ* 39: 187–188, 2015.
3. Bhandari B, Sharma P, **Sircar S.** Sphygmomanometric blood pressure drop on consecutive measurements: The search for a cause. *Indian Journal of Physiology and Pharmacology* 08/2015; 59(2): 311-20.
4. Bhandari B, Kumar B, Datta A, **Sircar S.** Effect of sub maximal dynamic and static exercise on QTc interval in healthy young men. *Journal of Clinical & Diagnostic Research*. 9(6), CC01-4, 2015.

### **Examinership**

1. Chairperson & Internal Examiner for First Professional MBBS Examinations (July 2015)

### **National/ International Conferences attended:**

1. Sabyasachi Sircar: Participated in FIPSPHYSICON-2015 (XXVII Annual Conference of the Physiological Society of India (PSI) & VI Congress of the Federation of Indian Physiological Societies (FIPS) on Translational Physiology for Health Promotion (December 18<sup>th</sup>-20<sup>th</sup>, 2015) Organized by The Physiological Society of India
2. Sabyasachi Sircar: Participated in the "Poster Session" in Symposium on Tuberculosis: "Unite to End TB on 21<sup>st</sup> March 2016" held in AIIMS Delhi

**Name of Faculty: Dr. Rajesh Kr. Sharma**

**Designation: Additional Professor**

### **Publications:**

#### **Papers**

1. Gupta AM, Kumar M, **Sharma RK**, Misra R, Gupt A. "Effect of Moderate Aerobic Exercise Training on Autonomic Functions and its Correlation with the Antioxidant Status", *Indian J Physiol Pharmacol*, 2015; 59(2): Pg. 162-169.
2. Sharma P and **Sharma RK**. "Vital Capacity and determining factors – An observational study in Indian Medical Students", *Biomedicine*, 2015; 35(2): 2011-214

### **Sessions Chaired:**

1. Biomedical Signal Processing, APPICON 2015, 26<sup>th</sup> Nov. 2015 at AIIMS, Jodhpur

### **Symposium Speaker**

1. "Ethics in Medical Education", APPICON 2015, 26<sup>th</sup> Nov. 2015; AIIMS, Jodhpur

**Resource Faculty:**

1. 4<sup>th</sup> Annual National Knowledge Network Workshop-NKN at The Core of Cyber Space, JNTU, Hyderabad on 21<sup>st</sup> to 22<sup>nd</sup> January 2016
2. Resource Faculty at The workshop on Autonomic Function Analysis, APPICON 2015, 25<sup>th</sup> Nov. 2015; AIIMS, Jodhpur

**Research Project:**✧ **Ongoing:**➤ **As Principal Investigator**

A comparative study of linear and non-linear analysis of Heart Rate Variability in COPD and asthmatic patients.

➤ **As Co-Investigator**

Linear and non-linear analysis of Heart Rate Variability in COPD Patients and their correlation with Spirometric findings.

**Examinership**

1. MBBS, AIIMS, Bhubaneswar, 14<sup>th</sup> to 16<sup>th</sup> October 2016.

**Membership/Post in Journal or Society or Association**

1. Editorial Member; International Physiology.

**National/ International Conferences attended:**

1. APPICON 2015, AIIMS Jodhpur
2. 4<sup>th</sup> Annual National Knowledge Network Workshop-NKN at The Core of Cyber Space, JNTU, Hyderabad on 21<sup>st</sup> to 22<sup>nd</sup> January 2016

**Workshops/ Conferences Organised**

Organizing Secretary, APPICON 2015, AIIMS Jodhpur

**Name of Faculty: Dr. Abhinav Dixit**

**Designation: Associate Professor**

**Publications:****Papers**

1. **Dixit A**, Sharma P. Caffeinated Drinks and the Human Body. Ind J Clin Biochem DOI 10.1007/s12291-016-0561-1.
2. **Dixit A**. Effect of nicotine on auditory pathways: An unexplored domain. Indian J Med Special 2015;6(4):134-135.
3. **Dixit A**. "Caffeine and Cognition: What do Event Related Potentials Say?" International Physiology

**Papers Presented:**

1. Ankit Kumar Rai, **Abhinav Dixit**. Comparison of Hindi and English Letter Cancellation Tasks. 61<sup>st</sup> Annual Conference of Physiologists & Pharmacologists of India (APPICON 2015), 25<sup>th</sup> -28<sup>th</sup> Nov 2015, AIIMS, Jodhpur
2. Tushar Mittal, **Abhinav Dixit**. Effect of 24 hours of sleep deprivation on color word Stroop task. 61<sup>st</sup> Annual Conference of Physiologists & Pharmacologists of India (APPICON 2015), 25<sup>th</sup> -28<sup>th</sup> Nov 2015, AIIMS, Jodhpur

**Invited Lectures**

1. "Lead Induced changes in Central Nervous System". 1<sup>st</sup> International Conference on Lead, Environment and Health. AIIMS, Jodhpur 26<sup>th</sup>-27<sup>th</sup> Oct 2015.

**Symposium Speaker**

1. "Ethics of Publication and Authorship". 61<sup>st</sup> Annual Conference of Physiologists & Pharmacologists of India (APPICON 2015), 25<sup>th</sup>-28<sup>th</sup> Nov 2015, AIIMS, Jodhpur

**Resource Faculty:**

1. Hands-on Interactive Workshop on Ethics. 61<sup>st</sup> Annual Conference of Physiologists & Pharmacologists of India (APPICON 2015), 25<sup>th</sup> Nov 2015, AIIMS, Jodhpur

**Research Project:**✧ **Ongoing:**➤ **As Principal Investigator**

1. Evaluation of Auditory Brainstem Responses in Smokers. AIIMS Jodhpur, Intramural Grant

➤ **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

**Scientific Awards/Patents**

1. Fellowship of International Medical Science Academy (FIMSA), International Medical Science Academy, April 2015
2. Membership of Academy of Medical Sciences (MAMS), India, National Academy of Medical Sciences, India, Oct 2015

### **Examinership**

1. M.Sc Physiology, SMS Medical College, Jaipur, 5<sup>th</sup> Feb 2016
2. MBBS, SMS Physiology, SMS Medical College, Jaipur, 6<sup>th</sup> Feb 2016
3. Subject expert, Rajasthan Public Service Commission, Ajmer, 10<sup>th</sup> March 2016

### **National/ International Conferences attended:**

1. 3<sup>rd</sup> National Conference of Forum for Ethics Review Committee in India, 11<sup>th</sup>-12<sup>th</sup> Dec 2015, SGPGI, Lucknow
2. 61<sup>st</sup> Annual Conference of Physiologists & Pharmacologists of India (APPICON 2015), 25<sup>th</sup> -28<sup>th</sup> Nov 2015, AIIMS, Jodhpur
3. 1<sup>st</sup> International Conference on Lead, Environment and Health. 26<sup>th</sup>-27<sup>th</sup> Oct 2015, AIIMS, Jodhpur
4. 55<sup>th</sup> Annual Conference of National Academy of Medical Sciences (NAMSCON 2015), 16<sup>th</sup>-18<sup>th</sup> Oct 2015 AIIMS, Patna,

### **Workshops/ Conferences Organised**

1. Joint Organizing Secretary, 61<sup>st</sup> Annual Conference of Physiologists & Pharmacologists of India (APPICON 2015), 25<sup>th</sup> – 28<sup>th</sup> Nov 2015, AIIMS, Jodhpur

**Name of Faculty: Dr. Bharati Mehta**

**Designation: Associate Professor**

### **Publications:**

#### **Papers**

1. **Mehta B**, Chawla VK, Parakh M, Parakh P, Bhandari B, Gurjar AS. EEG Abnormalities in Children with Speech and Language Impairment JCDR 2015; 9: CC04-CC07
2. Bhandari B, **Mehta B**. Vorapaxar, a protease-activated receptor-1 antagonist, a double-edged sword! Recent Advances in Cardiovascular Drug Discovery, 2015, 9: ahead of print.
3. **Mehta B**, Chawla VK, Parakh M, Bhandari B, Gurjar AS. ABER Assessment in Pre-School Children with developmental speech and language impairment. JCDR 2015; 9: CC01-CC03

#### **Papers Presented:**

1. **Mehta B**, Parakh M, Bhandari B, Ambwani S. EEG and ABER abnormalities in children with speech and language delay. ICMBE 2015; 15<sup>th</sup>-16<sup>th</sup> June 2015, Toronto.
2. **Mehta B**, Bhandari B. Engaging Medical Undergraduates in question writing: a novel way of reinforcing learning. FAIMER residential session 2, CMC, Ludhiana. 7<sup>th</sup> – 11<sup>th</sup> Feb. 2016

### **Sessions Chaired:**

1. Open session in International Conference on Medical and Biomedical Engineering. (ICMBE) 2015; 15<sup>th</sup>-16<sup>th</sup> June 2015, Toronto.
2. Symposium on Pulmonary Function Tests in APPICON 2015; 25<sup>th</sup>-28<sup>th</sup> Nov. 2015, AIIMS, Jodhpur

### **Symposium Speaker**

Pulmonary Function Tests- an overview. APPICON 2015; 25<sup>th</sup>-28<sup>th</sup> Nov. 2015, AIIMS, Jodhpur

### **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

#### ✧ **Completed:**

##### ➤ **As Principal Investigator**

Engaging undergraduate medical students in question writing: a novel way of reinforcing learning

### **Examinership**

1. MD Physiology, SMS Jaipur from 20<sup>th</sup>-21<sup>st</sup> July 2015
2. Undergraduate Physiology, SNMC Jodhpur from 28<sup>th</sup> Sept-1<sup>st</sup> Oct. 2015
3. Remanded UG, SNMC Jodhpur on 2<sup>nd</sup> Feb 2016

### **Membership/Post in Journal or Society or Association**

Life Member; Indian Society for Lead Awareness & Research

### **National/ International Conferences attended:**

1. ICMBE 2015. World Academy of Science, Engineering and Technology (WASET.org) Toronto, 15<sup>th</sup>-16<sup>th</sup> June 2015.
2. 1<sup>st</sup> International Conference on Lead Environment & Health at AIIMS, Jodhpur 26<sup>th</sup>-27<sup>th</sup> Oct 2015
3. APPICON 2015, AIIMS, Jodhpur, 25<sup>th</sup>-28<sup>th</sup> Nov. 2015
4. IAMGCON in December 2015 at AIIMS, Jodhpur
5. INCOFYRA 2016 from 3- 7<sup>th</sup> January 2016, Bangalore
6. MECOR 2016 from 18<sup>th</sup> – 23<sup>th</sup> January Jaipur
7. FAIMER fellowship 2<sup>nd</sup> residential session February 2016

## **Workshops/ Conferences Organised**

APPICON 2015, AIIMS, Jodhpur, 25<sup>th</sup>-28<sup>th</sup> Nov. 2015

**Name of Faculty: Dr. Purnima Sharma**

**Designation: Assistant Professor**

## **Publications:**

### **Papers**

1. **Sharma P**, Poojary G, Dwivedi SN, Deepak KK. Effect of Yoga-Based Intervention in Patients with Inflammatory Bowel Disease. Int J Yoga Therap. 2015; 25(1):101-12.
2. **Sharma P**, Makharia G, Yadav R, Dwivedi SN, Deepak KK. Gastric myoelectrical activity in patients with inflammatory bowel disease. J Smooth Muscle Res. 2015; 51(0):50-7.

### **Papers Presented:**

1. **Sharma P**. Effect of Slow and Deep breathing on Pain perception and autonomic activity. 2<sup>nd</sup> National Conference of Association of Physiologists of India (ASSOPI) ASSOPICON-2015, 27<sup>th</sup>-29<sup>th</sup> October 2015, Shri Ram Murti Smarak Institute of Medical Sciences, Bareilly, UP.

### **Symposium Speaker**

1. **Sharma P**. Calcium ion influx in Microglial cells: Physiological and therapeutic significance. Association of Physiologist and Pharmacologists of India APPICON-2015. 25<sup>th</sup>-28<sup>th</sup> November, 2015, AIIMS, Jodhpur.
2. **Sharma P**. Inflammation-induced Neuroplasticity Disrupts Motility in the Inflamed and Post-Inflamed Gastrointestinal Tract. Association of Physiologist and Pharmacologists of India APPICON-2015. 25<sup>th</sup>-28<sup>th</sup> November, 2015, AIIMS, Jodhpur.

### **Research Project:**

#### **✧ Ongoing:**

##### **➤ As Principal Investigator:**

Serum levels of Interleukins-17 and 10 in Acute Cerebral Ischemic Injury: A Pilot Study.  
All India Institute of Medical Sciences, Jodhpur.

#### **✧ Completed:**

##### **➤ As Co-Investigator**

A correlation study of cardiometabolic risk parameters and urinary opiates in opioid dependent patients of Western Rajasthan. All India Institute of Medical Sciences, Jodhpur.

### **Membership/Post in Journal or Society or Association**

Member: American Physiology Society.

### **National Conferences attended:**

1. 2<sup>nd</sup> National Conference of Association of Physiologists of India (ASSOPI) ASSOPICON-2015, 27<sup>th</sup>-29<sup>th</sup> October 2015, Shri Ram Murti Smarak Institute of Medical Sciences, Bareilly, UP.
2. Association of Physiologist and Pharmacologists of India APPICON-2015. 25<sup>th</sup>-28<sup>th</sup> November, 2015, AIIMS, Jodhpur.

### **Conferences Organised**

1. Association of Physiologist and Pharmacologists of India APPICON-2015. 25<sup>th</sup>-28<sup>th</sup> November, 2015, AIIMS, Jodhpur.

**Name of Faculty: Dr. Om Lata Bhagat**

**Designation: Assistant Professor**

### **Publications:**

#### **Papers**

Sharma H, Sharma KK, **Bhagat OL**. "Respiratory rate extraction from single-lead ECG using homomorphic filtering." Comput Biol Med. 2015 A; 59:80-6.

#### **Papers Presented:**

1. **Bhagat OL**, Sircar S, Deepak KK, "Are the instructions to reviewers for reviewing manuscripts superfluous?" at WAME International Conference for Medical Journal Editors 2015 organized by All India Institute of Medical Sciences, New Delhi and Indian Association of Medical Journal Editors at New Delhi - 2<sup>nd</sup>-4<sup>th</sup> October 2015
2. **Bhagat OL**, Sircar S, Jaryal AK, Deepak KK "Indian Journal of Physiology and Pharmacology" at WAME International Conference for Medical Journal Editors 2015 organized by All India Institute of Medical Sciences, New Delhi and Indian Association of Medical Journal Editors at New Delhi - 2<sup>nd</sup>-4<sup>th</sup> October 2015

#### **Symposium Speaker**

1. The effect of water ingestion on Heart rate variability in Patients with irritable bowel disease in symposia on Applied Physiology at Second National Conference of Association of Physiologists of India (ASSOPICON-2015) Department of Physiology, SRMS institute of Medical Sciences, Bareilly on 26<sup>th</sup> to 29<sup>th</sup> October 2015

2. Autonomic Functions in Elderly in symposia on Autonomic Function in Health & Diseases at Annual Conference of Association of Physiologist and Pharmacologist (APPICON 2015) organized by Department of Physiology, AIIMS, Jodhpur, at AIIMS Jodhpur, on 25<sup>th</sup> -28<sup>th</sup> Nov. 2015
3. Convener for Symposia Autonomic Function in Health & Diseases and Bioinformatics for Physiologists and Pharmacologists at Annual Conference of Association of Physiologist and Pharmacologist (APPICON 2015) Organised by Department of Physiology, AIIMS, Jodhpur, at AIIMS Jodhpur, on 25<sup>th</sup> -28<sup>th</sup> Nov. 2015

#### **Resource Faculty:**

Pre-Conference workshop on Autonomic and Vascular Function Testing at national Conference of Association of Physiologist of India at Bareilly 26<sup>th</sup> Oct 2015

#### **Research Project:**

##### ✧ **Ongoing:**

##### ➤ **As Principal Investigator**

Autonomic function evaluation in hypertensive patients with and without metabolic syndrome. Intramural at AIIMS, Jodhpur

##### ➤ **As Co-Investigator**

Effect of rhythmic breath-holding patterns on Arterial Blood Pressure and arterial blood gases. Intramural at AIIMS, Jodhpur

#### **Scientific Awards/Patents**

31st Dr S Radha Krishnan Memorial National Teacher Award-2015 for excellence as medical Teacher awarded by Akhil bhartiya swatantra patrakar evm lekhak sangh on 04/09/2015

#### **Membership/Post in Journal or Society or Association**

Associate Editor (Physiology), Indian Journal of Physiology and Pharmacology

#### **National/ International Conferences attended:**

1. Second National Conference of Association of Physiologists of India (ASSOPICON-2015) Department of Physiology, SRMS institute of Medical Sciences, Bareilly on 26<sup>th</sup> to 29<sup>th</sup> October 2015
2. WAME International Conference for Medical Journal Editors 2015 organized by All India Institute of Medical Sciences, New Delhi and Indian Association of Medical Journal Editors at New Delhi - 2<sup>nd</sup>-4<sup>th</sup> October 2015

### **Workshops/ Conferences Organised**

1. Pre-Conference workshop on Basic Autonomic Function Testing at Annual Conference of Association of Physiologist and Pharmacologist (APPICON 2015) Organised by Department of Physiology, AIIMS, Jodhpur, at AIIMS Jodhpur, on 25<sup>th</sup> -28<sup>th</sup> Nov. 2015
2. Chairman Scientific Committee, at Annual Conference of Association of Physiologist and Pharmacologist (APPICON 2015) Organised by Department of Physiology, AIIMS, Jodhpur, at AIIMS Jodhpur, on 25<sup>th</sup> -28<sup>th</sup> Nov. 2015

**Name of Faculty: Dr. Bharti Bhandari**

**Designation: Assistant Professor**

### **Publications:**

#### **Papers**

1. **Bharti Bhandari**, Bharati Mehta. Vorapaxar, a Protease-Activated Receptor-1 Antagonist, a Double –Edged Sword! Recent Pat Cardiovasc Drug Discov. 2015; 9(2):73-7.
2. Bharati Mehta, V K Chawla, Manish Parakh, Poonam Parakh, **Bharti Bhandari**, Anoop Singh Gurjar. EEG abnormalities in children with speech and language impairment. J Clin Diagn Res. 2015 July; 9(7):CC04-07.
3. **Bharti Bhandari**, Lokesh Kumar, Anjum Datta, Sabyasachi Sircar. Effect of Sub maximal Dynamic and Static Exercises on QTc interval in Healthy Young Men. J Clin Diagn Res 2015 Jun, 9(6): CC01-CC04.
4. Bharati Mehta, VK Chawla, Manish Parakh, **Bharti Bhandari**, Anoop Singh Gurjar. ABER Assessment in Pre-school Children with Developmental Speech and Language Impairment. J Clin Diagn Res. 2015 May; 9(5):CC01-3.
5. **Bharti Bhandari**, Parul Sharma, Sabyasachi Sircar. Sphygmomanometric Blood Pressure Drop On Consecutive Measurements: The Search for a Cause. Indian J Physiol Pharmacol 2015 Apr-Jun; 59(2): 189-193.

### **Sessions Chaired:**

Session on Regulation of Cardiovascular System in Health & Disease, APPICON-2015 at AIIMS, Jodhpur.

### **Symposium Speaker**

Integrated control of Cardiovascular System, APPICON-2015, 26<sup>th</sup> -28<sup>th</sup> Nov. 2015, AIIMS, Jodhpur.

## **Research Project:**

### ❖ **Ongoing:**

#### ➤ **As Principal Investigator:**

1. Effect of rhythmic breath-holding patterns on Arterial Blood Pressure and blood gases. (Intramural project).
2. Evaluation of Autonomic and Endothelial Dysfunction in patients on Chemotherapy.
3. 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**

Priming of students with open book MCQ tests before formal didactic lectures.

## **Examinership**

1. External examiner for MBBS Examinations at TMU, Moradabad.
2. BPT supplementary exams, SN Medical College, Jodhpur on 19<sup>th</sup> July, 2015.

## **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, Indian Society for Lead Awareness & research.
5. Member, Member of Indian Society of Oncology

## **National/ International Conferences attended:**

1. International Conference on Lead, Environment and Health at AIIMS, Jodhpur, 26<sup>th</sup>-27<sup>th</sup> Oct. 2015.
2. Annual Conference of Association of Physiologists and Pharmacologists of India (APPICON-2015) at AIIMS, Jodhpur, 25<sup>th</sup> -28<sup>th</sup> Nov. 2016.
3. Annual Conference of Society for Indian Academy of Medical Genetics at AIIMS, Jodhpur, 12<sup>th</sup> & 13<sup>th</sup> Dec. 2015.
4. Methods in Epidemiology, clinical and operational Research (MECOR 2016) by American Thoracic Society at Jaipur, 18<sup>th</sup> -23<sup>rd</sup> January 2016.
5. Short course on Biostatistics & Epidemiology for clinical and Public Health Research using SPSS at CMC, Vellore, from 14<sup>th</sup>-17<sup>th</sup> March, 2016.

6. Short course on Database creation using EpiData and Managing references using Zotero at CMC, Vellore, from 18<sup>th</sup>-19<sup>th</sup> March, 2016.
7. Workshop on “Writing a Research Paper” at AIIMS, New Delhi on 26<sup>th</sup> & 27<sup>th</sup> March, 2016.

#### **Workshops/ Conferences Organized**

1. 66<sup>th</sup> Annual Conference of Association of Physiologists and Pharmacologists of India (APPICON-2015), 25<sup>th</sup> -28<sup>th</sup> Nov. 2016.
2. 2<sup>nd</sup> Annual Conference of Society for Indian Academy of Medical Genetics (IAMGCON), 12<sup>th</sup> & 13<sup>th</sup> Dec. 2015.

## Department of Psychiatry

S.No.	Name	Designation
1.	Dr. Naresh Nebhinani	Assistant Professor

### **About the Department:**

In year 2013 Department of Psychiatry has started outdoor facilities including counselling services, and later extended to indoor facility. 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 and psychological therapies like Psychoeducation, behavioural therapy, psychotherapy, and also teaching various relaxation exercises.

We are running two special clinics: Drug Deaddiction Clinic (DDC) (Tuesday) and Child and Adolescent Psychiatry Clinic (CAPC) (Thursday). We have also started weekly departmental academics in form of seminar, journal club, clinical meet, and psychotherapy forum.

We are also providing additional services to Indian Institute of Technology (IIT), Border Security Force (BSF), Police academy 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.

We have organized scientific session at Mid-term CME of Indian Psychiatric Society- North Zone on 5<sup>th</sup> April, 2015 at S N Medical College, Jodhpur and a Workshop on 'Stress management: Integrated approach of Psychology & Yogic sciences' on 9<sup>th</sup> January 2016 at AIIMS, Jodhpur

In year 2015-2016, our faculty has participated in several academic forums- conferences, workshops and discussions and presented scientific papers, and delivered guest lectures.

In year 2015-2016 we have completed following three projects: two intramural projects on 'Study of vitamin D level and metabolic abnormalities in patients with depressive disorders' (as Principal investigator) and 'A correlation study of Cardio metabolic risk parameters and Urinary Opiates in Opioid dependent patients of Western Rajasthan' (as Co-investigator), and a Multicentric project of Indian Psychiatric Society on 'Stigma experienced by patients with severe mental disorders and their caregivers' (as Co-investigator).

**Name of Faculty : Dr. Naresh Nebhinani**  
**Designation : Assistant Professor**

**Publications:**

1. Subodh BN, **Nebhinani N**. Caring for the family caregivers. Indian J Social Psychiatry 2016;32:1-2
2. **Nebhinani N**. Role of family in substance use disorders. Medical Journal of Dr. D.Y. Patil University 2016;9:14.
3. **Nebhinani N**, Pareek V. Use of Opium as antiepileptic in patient with frontal lobe epilepsy: A case report. J Geriatric Mental Health 2015;2:115-117
4. Mattoo SK, Sarkar S, **Nebhinani N**, Gupta S, Parakh P, Basu D. How Do Indian Substance Users Perceive Stigma Towards Substance Use Vis-A-Vis Their Family Members? J Ethn Subst Abuse 2015 Jun 26:1-9. DOI:10.1080/15332640.2014.980960
5. **Nebhinani N**, Avasthi A, Modi M. Oculogyric crisis with clozapine: A case report and review of similar case reports in the literature. Indian J Psychological Medicine 2015;37:342-4.
6. **Nebhinani N**, Avasthi A, Modi M. Successful use of Valproate in Kleine Levin Syndrome: a case report and review of cases reported from India. Indian J Psychological Medicine 2015;37:352-4
7. Grover S, Avasthi A, Shah S, Lakdawala B, Chakraborty K, **Nebhinani N**, et al. Indian Psychiatric Society multicentric study on assessment of health-care needs of patients with severe mental illnesses as perceived by their family caregivers and health-care providers. Indian J Psychiatry 2015;57:181-9.
8. Basu D, Sharma AK, Gupta S, **Nebhinani N**, Kumar V. Hepatitis C virus (HCV) infection & risk factors for HCV positivity in injecting & non-injecting drug users attending a de-addiction centre in northern India. Indian J Medical Research 2015;142:311-16.
9. Grover S, **Nebhinani N**, Padmawati R, Chadda R, Srinivasan T, Pallav A. Metabolic syndrome in antipsychotic naïve patients with schizophrenia: pooled analysis of data from 3 Indian studies. Early Intervention in Psychiatry 2015;9:357-62.

**Paper Presented:**

1. **Nebhinani N**. Internet addiction: Psychopathology & aetiology. Mid-term CME of Indian Psychiatric Society- North Zone; 5<sup>th</sup> April 2015, S N Medical College, Jodhpur
2. **Nebhinani N**. Competency based medical education. 2<sup>nd</sup> contact session of Fellowship of Foundation of Advancement in Medical education and Research (FAIMER); 25<sup>th</sup> April 2015, KEM, Mumbai

3. **Nebhinani N.** Skill Development Program for persons with ID. Post Graduate Development Program, by Indian Psychiatric Society- North Zone; 20<sup>th</sup>-21<sup>st</sup> June 2015, Mussoorie
4. **Nebhinani N.** Mindfulness based cognitive therapy for depression. 45<sup>th</sup> Annual Conference of Indian Psychiatric Society Gujarat State Branch; 5<sup>th</sup> Sep 2015, Udaipur
5. **Nebhinani N.** Sequential Integrative Psychotherapy in Complex Posttraumatic Stress Disorder: A Case Report. World Psychiatric Association Regional Congress; 25<sup>th</sup>-27<sup>th</sup> Sep 2015, Kochi
6. **Nebhinani N, Mamta.** Effectiveness of Stress Management Training among Medical Students. World Psychiatric Association Regional Congress; 25<sup>th</sup>-27<sup>th</sup> Sep 2015, Kochi
7. **Nebhinani N, Pareek V.** Association of metabolic syndrome with liver enzymes and C reactive protein in drug naïve patients with depressive disorders Won Dr. Buckshey award). 40<sup>th</sup> Annual Conference of Indian Psychiatric Society- North Zone; 3<sup>th</sup>-4<sup>th</sup> Oct 2015, Srinagar
8. **Nebhinani N, Pareek V.** Association of metabolic syndrome with liver enzymes and C reactive protein in drug naïve patients with depressive disorders (Competed for Bombay Psychiatrist Society Award). 68<sup>th</sup> Annual National Conference of Indian Psychiatric Society- ANCIPS; 21<sup>st</sup>-24<sup>th</sup> Jan 2016, Bhopal
9. **Nebhinani N.** Vitamin D Deficiency and Cardio-Metabolic Risk in Patients with Depressive disorders and Healthy controls: A Comparative Study (Competed for Young Psychiatrist Award). 68<sup>th</sup> Annual National Conference of Indian Psychiatric Society- ANCIPS; 21<sup>st</sup>-24<sup>th</sup> Jan 2016, Bhopal
10. Tripathi S, Gehlot M, **Nebhinani N.** Attituden towards psychiatry among medical students and medical doctors: A comparative study (Oral). 68<sup>th</sup> Annual National Conference of Indian Psychiatric Society- ANCIPS; 21<sup>st</sup>-24<sup>th</sup> Jan 2016, Bhopal
11. **Nebhinani N, Tripathi S, Pareek V, Gehlot M.** Predictors of metabolic syndrome in patients with schizophrenia in north-western Indian (Poster). 68<sup>th</sup> Annual National Conference of Indian Psychiatric Society- ANCIPS; 21<sup>st</sup>-24<sup>th</sup> Jan 2016, Bhopal
12. **Nebhinani N, Suthar N.** Successful use of Lithium in a female with Kleine Levin Syndrome: A case report and review of female cases reported in world literature (Poster). 68<sup>th</sup> Annual National Conference of Indian Psychiatric Society- ANCIPS; 21<sup>st</sup>-24<sup>th</sup> Jan 2016, Bhopal
13. **Nebhinani N, Mamta.** Effectiveness of Stress Management Training among Medical Students (Poster). 68<sup>th</sup> Annual National Conference of Indian Psychiatric Society- ANCIPS; 21<sup>st</sup>-24<sup>th</sup> Jan 2016, Bhopal

**Invited Lecture:**

1. Mental Health Awareness; 2<sup>nd</sup> May, 2015, Indira Yog Sansthan, Jodhpur

2. Integrated approach of Psychology & Yogic science for Positive Mental Health, Orientation Program for BSc Nursing Batch 2015; 7<sup>th</sup> Aug 2015, AIIMS Jodhpur
3. Integrated approach of Psychology & Yogic science for Positive Mental Health, Orientation Program for MBBS Batch 2015, 10<sup>th</sup> Aug 2015, AIIMS Jodhpur
4. Mindfulness based cognitive therapy for depression, 45<sup>th</sup> Annual Conference of Indian Psychiatric Society Gujarat State Branch; 5<sup>th</sup> September, 2015, Udaipur
5. Fighting blues- A talk on depression: Presentation, treatment, and prevention; 17<sup>th</sup> October, 2015, Police line, Jodhpur
6. Spirituality & mental health. Seminar on Spirituality and Healthcare; 6<sup>th</sup> December, 2015, S.N. Medical College, Jodhpur
7. A picture of positive mental health; 19<sup>th</sup> December, 2015, Border Security Force, Head Quarter, Jodhpur
8. Introducing Mindfulness approach in life skills training, UGC Workshop on Life skill training; 14<sup>th</sup>-15<sup>th</sup> Feb, 2016, JNVU, Jodhpur
9. Assertiveness training., UGC Workshop on Life skill training; 14<sup>th</sup>-15<sup>th</sup> Feb, 2016, JNVU, Jodhpur

#### **Symposium Speaker:**

1. Consultation-Liaison Psychiatry in India: Challenges & Opportunities at different treatment settings, World Psychiatric Association Regional Congress; 25<sup>th</sup>-27<sup>th</sup> Sep 2015, Kochi
2. Dhat syndrome: Struggling to find its place in classificatory system, World Psychiatric Association Regional Congress; 25<sup>th</sup>-27<sup>th</sup> Sep 2015, Kochi
3. Neuropsychiatric disorders with Lead exposure: Presentation and current understanding, 1<sup>st</sup> International Conference on Lead, environment and health; 26<sup>th</sup>-27<sup>th</sup> Oct 2015, AIIMS, Jodhpur
4. Enhancing medication adherence using Information Technology, 68<sup>th</sup> Annual National Conference of Indian Psychiatric Society- ANCIPS; 21<sup>st</sup>-24<sup>th</sup> Jan 2016, Bhopal
5. Attitudes towards psychiatry in India, 68<sup>th</sup> Annual National Conference of Indian Psychiatric Society- ANCIPS; 21<sup>st</sup>-24<sup>th</sup> Jan 2016, Bhopal

#### **Resource Faculty:**

1. Spirituality & mental health. Seminar on Spirituality and Healthcare; 6<sup>th</sup> Dec 2015, S.N. Medical College, Jodhpur
2. Introducing Mindfulness approach in life skills training. UGC Workshop on Life skill training; 14<sup>th</sup>-15<sup>th</sup> Feb 2016, JNVU, Jodhpur
3. Assertiveness training. UGC Workshop on Life skill training; 14<sup>th</sup>-15<sup>th</sup> Feb 2016, JNVU, Jodhpur

**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. AIIMS Jodhpur

**➤ As Co-Investigator**

1. Transthyretin (TTR): Plausible Role in Depression in Subjects Undergoing Thyroid Profiling and found Euthyroid. AIIMS Jodhpur
2. Correlation of blood lead levels with neurotransmitter receptors expressions and assessment of neurobehavioral change in children of Jodhpur region. AIIMS Jodhpur
3. A study of sleep quality, perceived stress and its impact on academic performance of medical students. AIIMS Jodhpur

**❖ Completed:****➤ As Principal Investigator**

1. Study of vitamin D level and metabolic abnormalities in patients with depressive disorders. AIIMS, Jodhpur

**➤ As Co-Investigator**

1. A correlation study of Cardio metabolic risk parameters and Urinary Opiates in Opioid dependent patients of Western Rajasthan. AIIMS, Jodhpur
2. Stigma experienced by patients with severe mental disorders and their caregivers. Indian Psychiatric Society [Multicentric project]

**Scientific Awards/ Patents**

1. Dr. Buckshey award. Association of metabolic syndrome with liver enzymes and C reactive protein in drug naïve patients with depressive disorders, 40<sup>th</sup> Annual Conference of Indian Psychiatric Society- North Zone, Srinagar, 3<sup>rd</sup>-4<sup>th</sup> October, 2015

**Membership/Post in Journal or Society or Association**

1. Editor; MINDS Newsletter
2. Assistant Editor; Journal of Geriatric Mental Health
3. Assistant Editor; Indian Journal of Social Psychiatry

**National/ International Conferences attended:**

1. Mid-term CME. Indian Psychiatric Society- North Zone, S N Medical College, Jodhpur, 5<sup>th</sup> April 2015
2. Post Graduate Development Program. Indian Psychiatric Society- North Zone, Mussoorie, 20<sup>th</sup>-21<sup>st</sup> June 2015

3. 45<sup>th</sup> Annual Conference of Indian Psychiatric Society Gujarat State Branch. Indian Psychiatric Society Gujarat State Branch, Udaipur, 4<sup>th</sup>-6<sup>th</sup> Sep 2015
4. World Psychiatric Association Regional Congress. World Psychiatric Association, Kochi, 25<sup>th</sup>-27<sup>th</sup> Sep 2015
5. 40<sup>th</sup> Annual Conference of Indian Psychiatric Society- North Zone. Srinagar, 3<sup>rd</sup>-4<sup>th</sup> Oct 2015,
6. 1<sup>st</sup> International Conference on Lead, environment and health. AIIMS Jodhpur, 26<sup>th</sup>-27<sup>th</sup> Oct 2015
7. 68<sup>th</sup> Annual National Conference of Indian Psychiatric Society- ANCIPS. Indian Psychiatric Society, Bhopal, 21<sup>st</sup>-24<sup>th</sup> Jan 2016
8. UGC Workshop on Life skill training. Department of Psychology, JNVU, Jodhpur, 14<sup>th</sup>-15<sup>th</sup> Feb 2016

**Workshops/ Conferences Organised:**

1. Mid-term CME. Indian Psychiatric Society- North Zone, S N Medical College, Jodhpur, 5<sup>th</sup> April 2015
2. Workshop on 'Stress management: Integrated approach of Psychology & Yogic sciences'. Department of Psychiatry, AIIMS, Jodhpur, 9<sup>th</sup> Jan 2016

**Other information:**

**Certificate courses:**

1. Certificate Course on 'Advanced Biostatistics'. Organized by SGPGI, Lucknow & NIH, Bethesda, US, SGPGI Lucknow, 28<sup>th</sup> to 31<sup>st</sup> Jan, 2016

**Radio talk:**

1. Overview on De-addiction treatment: Principles & practice, 14<sup>th</sup> April 2015
2. Let's develop our lives, our communities, our identities without drugs, 30<sup>th</sup> June 2015
3. Let's join hands for Suicide prevention, 7<sup>th</sup> Sep 2015
4. Positive mental health, 22<sup>nd</sup> March 2016

**Other affiliations**

1. Member Secretary of Student welfare committee AIIMS Jodhpur
2. Member, Women Cell, IIT Jodhpur

## Department of Pulmonary Medicine

S.No.	Name	Designation
1	Dr. Naveen Dutt	Assistant Professor
2	Dr. Nishant Kumar Chauhan	Assistant 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

**Name of Faculty: Dr. Naveen Dutt**

**Designation: Assistant Professor**

### Publications:

#### Papers-

1. **Dutt N**, Chauhan NK, Kumar S, Purohit S, Saini LK. An atypical case of Mounier Kuhn Syndrome: Time to change the diagnostic approach? (Accepted for publication in Journal of Bronchology and Interventional Pulmonology on July 22, 2015)
2. **Dutt N**, Purohit S, Saini L. Idiopathic Pulmonary Fibrosis and Hypothyroidism: Cannot Forget Subclinical Disease and Difficult-to-Eliminate Corticosteroids. Chest. 2016 Feb;149(2):600
3. **Dutt N**, Chaudhry K, Chauhan NK, Kuwal A, Saini LK, et al. (2016) Health Related Quality of Life in Adult Obstructive Sleep Apnea. J Sleep Disord Ther 5: 234 doi: 10.4172/2167-0277.1000234

4. Purohit S, **Dutt N**, Saini LK. Transbronchial lung biopsy in diffuse parenchymal lung disease - Question still remains whether to go for surgical lung biopsy or not?. Lung India 2016;33:117-8
5. Purohit S, **Dutt N**, Saini LK, Kuwal A. Noninvasive ventilation outside Intensive Care Unit in India: Too many problems to counter. Lung India 2016;33:354-5
6. Kuwal A, **Dutt N**, Chauhan NK RA associated ILD: One year is too much to exclude methotrexate induced pulmonary involvement( Accepted for publication in lung india)

### **Symposium Speaker**

1. "Cardiopulmonary exercise testing" at APPICON 2015 (National conference of physiology and pharmacology) from 26<sup>th</sup>-28<sup>th</sup> Nov 2015 at AIIMS Jodhpur

### **Resource Faculty:**

1. Faculty/Speaker in "Refresher course on Obstructive airway disease (ROAD)" conducted by chest research foundation on 1<sup>st</sup> Nov. 2015 in Jodhpur

### **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 airways 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 SLEEPCON 2016 conducted at Indian Habitat Centre New Delhi from 25<sup>th</sup> to 27<sup>th</sup> march 2016
2. Attended Second Multidisciplinary Lung Cancer Management Course Jointly organized by ASCO, ISSLC, PGIMER and TMC at TMC Mumbai on 19<sup>th</sup>-20<sup>th</sup> march 2016
3. Attended Update in pulmonary, critical care, and sleep medicine at the All India Institute of Medical Sciences, New Delhi on 16<sup>th</sup>-17<sup>th</sup> January 2016

4. Attended National conference of Pulmonary Medicine (NAPCON) 2015 held on 4<sup>th</sup>-7<sup>th</sup> Nov 2015 at Jaipur

**Eminent Visitors:**

1. Dr. Suryakant , Professor and Head, Dept of Respiratory Medicine, KGMU, Lucknow, U.P. and President of Indian Chest Society.

**Name of Faculty: Dr. Nishant Kumar Chauhan**  
**Designation: Assistant Professor**

**Publications:**

**Papers-**

1. Dutt N, **Chauhan NK**, Kumar S, Purohit S, Saini LK. An atypical case of Mounier Kuhn Syndrome: Time to change the diagnostic approach? (Accepted for publication in Journal of Bronchology and Interventional Pulmonology on July 22<sup>nd</sup>, 2015)
2. Dutt N, Chaudhry K, **Chauhan NK**, Kuwal A, Saini LK, et al. (2016) Health Related Quality of Life in Adult Obstructive Sleep Apnea. J Sleep Disord Ther 5: 234 doi: 10.4172/2167-0277.1000234
3. Kuwal A, Dutt N, **Chauhan NK** RA associated ILD: One year is too much to exclude methotrexate induced pulmonary involvement( Accepted for publication in lung india)

**Sessions Chaired:**

1. Session on Pulmonary Vascular Diseases and Pneumonia at Post graduate CME & Quiz held by Dept. of Respiratory Medicine, JLN Medical college Ajmer under Rajasthan chapter of National College of Chest Physicians, India on 9<sup>th</sup> May, 2015

**Symposium Speaker**

1. "Spirometry in clinical practice" at APPICON 2015 (National conference of physiology and pharmacology) from 26<sup>th</sup>-28<sup>th</sup> Nov 2015 at AIIMS Jodhpur

**Resource Faculty:**

1. Faculty/Speaker on Use of NBI bronchoscopy at the 20<sup>th</sup> National Conference of Bronchology & Interventional Pulmonology held from 3<sup>rd</sup>-5<sup>th</sup> April 2015, held at Udaipur
2. Faculty and speaker at Polysomnography workshop in 70<sup>th</sup> National Conference of Tuberculosis and Chest diseases ( NATCON 2015 ) on 19<sup>th</sup> February 2016 held at King George's Medical University, Lucknow

**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

✧ **Completed-**➤ **As Principal Investigator/Guide:**

1. (ICMR-STs Project Ref ID: 2015-03863)- Correlation between FEV1% Predicted And 6-Minute Walk Distance In Patients Of Chronic Obstructive Pulmonary Disease

**Membership/Post in Journal or Society or Association**

1. Member of American Thoracic Society

**National/ International Conferences attended:**

1. Attended Radial EBUS Master class at Jaipur Golden Hospital on 17<sup>th</sup> Dec. 2015 in New Delhi
2. MECOR (Methods in epidemiologic, clinical and operations research) course organized by the American Thoracic Society at Jaipur from 18<sup>th</sup>-23<sup>rd</sup> January 2016

**Workshops/ Conferences Organised -**

1. Organised a session on Biodesign under research Cell AIIMS Jodhpur on 3<sup>rd</sup> February 2016

**Eminent Visitors:**

1. Dr. Suryakant , Professor and Head, Dept of Respiratory Medicine, KGMU, Lucknow, U.P. and President of Indian Chest Society

## Department of Radio Diagnosis (Radiology)

S. No.	Name	Designation
1	Dr. Pushpinder S. Khera	Assistant Professor

### About The Department

The outpatient department has been functional during the year with a total of 243 patients attending the clinic. Patients have also been admitted in house for various procedures, pertaining to neuro, thoracic, gastrointestinal and peripheral interventions.

At the start of financial year 2015 the department had three ultrasound scanners, one analogue x-ray machine and two computed radiography systems for film processing. In Oct-Nov 2015 the biplane DSA (digital subtraction angiography) suite, four ultrasound scanners and a digital mammography unit became operational. Both vascular and non-vascular diagnostic and therapeutic interventions have been performed in the DSA suite. In Dec 2015 the dual source CT scanner was commissioned. The 3Tesla MRI scanner is expected to be operational by end of 2016.

With these developments the department has become fully equipped to handle the diagnostic and interventional services of outpatients and referred patients. Details of the investigations and procedures done during the year ending 31<sup>st</sup> March 2016 are as follows:

- Vascular interventions : 82
- Non vascular interventions : 532
- CT scans : 704
- Ultrasounds : 6824
- Dopplers : 659
- Mammographies : 52
- Plain x-rays : 25674
- Contrast investigations : 192

**Name of Faculty: Dr. Pushpinder S. Khera**

**Designation: Assistant Professor**

### Publications:

#### Papers

1. Rajagopal R, Mehta N, Saran S, **Khera PS**. Heuber Maneuver in Evaluation of Direct Carotid Cavernous Fistula. Pol J of Rad. 2016; 81 (accepted for publication)
2. 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

**Research Project:**❖ **Ongoing:**➤ **As Principal Investigator**

**Title:** Effect of Ipar Ganglion block in chronic coccydynia

❖ **Completed:**➤ **As Principal Investigator**

**Title:** To evaluate the efficacy of ultrasound guided nerve blocks in management of chronic pain.

**Scientific Awards/Patents**

1. Awarded the KSIR(Korean Society of Interventional Radiology) International fellowship in Interventional Radiology at Seoul National University Hospital(SNUH),Feb-March 2016

**National/ International Conferences attended:**

1. The International Intensive Course for Interventional Radiology(IICIR),Seoul, South Korea, Feb 2016
2. Annual conference of the Indian Society of Neuro Radiology, Indore, October 2015
3. Mid-term CME and complication meet of Indian Society of Vascular and Interventional Radiology(ISVIR),Chandigarh, August 2015

**Other information:**

The department's senior residents Dr.Neeraj Mehta and Dr.Rengarajan Rajagopal were selected as one of the top six national finalists in the Residents/Fellows' quiz at the Annual conference of Indian Society of Vascular and Interventional Radiology(ISVIR),held at Bangalore,Feb 2016.

**Eminent Visitors:**

1. Dr. AK Gupta, Professor and Head, Department of Neuroimaging and interventions, National Institute of Mental Health and Neuro Sciences (NIMHANS), Bangalore
2. Dr. Deep Narayan Srivastava, Professor, Department of Radiology, All India Institute of Medical Sciences (AIIMS), New Delhi

## Department of Radiotherapy

S. No.	Name	Designation
1	Dr. Puneet Pareek	Assistant Professor

### About The Department

Patients with suspected or confirmed malignancy are seen in the OPD. A comprehensive care plan is prepared for each patient after the clinical workup and consultation. Joint and interdisciplinary care is coordinated for the patients and patients are often discussed in Joint Tumor Board Meetings.

Simple procedures as tapping of ascites, performing simple breast/ cervical biopsies are done in OPD.

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 Radiology, 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: Assistant Professor**

### Publications:

#### Papers

1. Agarwal A, **Pareek P**, Misra S. Carcinoma Gallbladder-an Indian Problem. Indian Journal of Surgical Oncology. 2016 Mar 1;7(1):2-3.
2. **Pareek P**, Samdariya S, Sharma A, Gupta N, Shekhar S, Kirubakaran R. Pentoxifylline and vitamin E alone or in combination for preventing and treating side effects of radiation therapy and concomitant chemoradiotherapy. The Cochrane Library. 2016.
3. Kataria T, Sharma K, **Pareek P**, Goyal S, Gupta D, Abhishek A. Perception of quality in a Radiation Oncology Department: Is it different for patients and health care providers?. Indian journal of cancer. 2016 Jan 1;53(1):152.

4. Shekhar S, Gupta N, Kirubakaran R, **Pareek P**. Oral nifedipine versus intravenous labetalol for severe hypertension during pregnancy: a systematic review and meta-analysis. *BJOG: an international journal of obstetrics and gynaecology*. 2016 Jan;123(1):40-7.
5. Bagri, P. K., S. Samdariya, **P. Pareek**, S. Khichar, and V. Pareek. "269PDA Comparative Evaluation of Radiotherapy with Concurrent Weekly Cisplatin versus Concurrent Weekly Paclitaxel in Patients with Locally Advanced Carcinoma Cervix." *Annals of Oncology* 26, no. suppl 9 (December 1<sup>st</sup>, 2015): ix80-ix80. doi:10.1093/annonc/mdv525.03.
6. Bagri, P. K., S. Samdariya, and **P. Pareek**. "435PBone Metastases in Non-Small Cell Lung Cancer: A Retrospective Study." *Annals of Oncology* 26, no. suppl 9 (December 1<sup>st</sup>, 2015): ix132-ix132. doi:10.1093/annonc/mdv532.19.
7. Samdariya, S., P. K. Bagri, **P. Pareek**, D. Kumar, A. Kumar, H. Kauser, S. Lewis, et al. "377PDA Randomized Controlled Trial Evaluating Honey for Radiation Induced Mucositis in Head & Neck Cancer Patients." *Annals of Oncology* 26, no. suppl 9 (December 1, 2015): ix114-ix114. doi:10.1093/annonc/mdv531.10.
8. Bagri PK, Samdariya S, **Pareek P**, Pareek V. Gardasil nine: Is the number enough? *Clin Cancer Investig J* 2015;4:687-8
9. Bagri PK, Samdariya S, **Pareek P**, Khichar S. Using social networks in oncology: Is it justifiable? *Clin Cancer Investig J* 2015;4:593.

### **Books/Chapters**

1. Khan, Muhammad, Iqrar Khan, and Debmalya Barh, eds. "Chapter 13. Molecular Biotechnology for Diagnostics." In *Applied Molecular Biotechnology: The Next Generation of Genetic Engineering*. CRC Press, 2016. <http://www.crcnetbase.com/doi/book/10.1201/b19543>.

### **Sessions Chaired:**

1. Chaired the session on Pediatric, bone and soft tissue tumors in the Annual Conference of Association of Radiation Oncologists of India (AROI) organized in Lucknow from 26<sup>th</sup> -29<sup>th</sup> November, 2015.

### **Research Project:**

#### **✧ Ongoing:**

#### **➤ As Principal Investigator**

1. Home Based Palliative Care, A Pilot Study in Jodhpur. Intramural funding from AIIMS, Jodhpur.
2. Evaluating the dynamics of breast cancer stem cells and miRNA 155 in patients undergoing systemic neo-adjuvant or palliative chemotherapy for breast cancer

**Scientific Awards/Patents:**

1. Dr. Puneet Pareek Passed to receive the Diplome of National Board (DNB) in Radiotherapy Examination of India.

**Membership/Post in Journal or Society or Association**

1. Indian Society of Oncology (ISO) – Life Membership

**National/ International Conferences attended:**

1. Completed International Training Course in Carbon Ion Radiotherapy, jointly conducted by NIRS, Chiba, Gumna University, iROCK, Kanagawa and ANTM, Japan from 9<sup>th</sup> – 14<sup>th</sup> November, 2015.
2. Lung Multidisciplinary Cancer Management Course (Jointly organized by ASCO, ISSLC, PGIMER and TMC) organized at TMC, Mumbai on March 19<sup>th</sup> – 20<sup>th</sup>, 2016.
3. 21st International Conference on Frontiers in Yoga Research and Its Applications (INCOFYRA 2016) organized by Vivekananda Yoga Anusandhana Samsthana (VYASA), Bengaluru from 27<sup>th</sup> Jan – 2<sup>nd</sup> Feb, 2016.

## Department of Transfusion Medicine & Blood Bank

S.No.	Name	Designation
1	Dr. Saptarshi Mandal	Assistant Professor
2	Dr. Archana Bajpayee	Assistant Professor

### About The Department

At the opening of the financial year 2015-16 AIIMS Jodhpur Blood Bank was barely two months old. Now one year down the lane we have progressed a long way.

**Blood & Platelet Donations:** Between April 2015 to March 2016, 1853 donors were screened and 1655 donated, of which 44 were apheresis donations rest whole blood, of which 911 units (57%) were collected from 25 Camps and rest 700 (43%) were in-house collections. A Voluntary Donor Register is being maintained at the Blood Bank for voluntary donors.

**Transfusion transmitted Infection screening:** All the 1655 collected units were tested for the five mandatory markers using the most sensitive serological tests in the market. Positive screen results came in 22 (1.33%) Hepatitis B, 7 (0.42%) HIV, 3 (0.18%) HCV and 3 (0.18%) and 0 malaria tests who were counseled, referred & followed up.

**Component Preparation:** From the beginning the blood bank has maintained 100% components and no whole blood policy. During this year 4606 components were made: Packed red Blood Cells (PRBC) 1604, Fresh Frozen Plasma (FFP) 1356, Random Donor Platelet (RDP) 1282, Single donor Apheresis Platelet (SDAP) 44, Cryoprecipitate (CRYO) 160, and CryoPoor Plasma (CPP) 160. 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 3062 components were issued including 1513 PRBCs (49%) and 796 FFP (26% of all component types) during this 12 months. Out of total 3062 components issued 1554 (51%) were issued to AIIMS Jodhpur patients and 1508 (49%) were issued outside.

**Apheresis:** AIIMS Jodhpur Blood Bank has two apheresis machines— one (Trima Accel) dedicated to collection has performed 44 plateletapheresis, and the other machine (Cobe Spectra) is capable of performing both collection and therapeutic apheresis and also stem cell collection. Therapeutic apheresis was started on 28<sup>th</sup> October 2015. Twenty one therapeutic apheresis procedures were performed on four patients with GBS (Guillain-Barre Syndrome), Transverse myelitis and ADEM (Acute disseminating encephalomyelitis) without any significant side effects and with encouraging results Before AIIMS Jodhpur needy patients either had to go to Ahmedabad or Jaipur to receive this life saving treatment modality.

**Therapeutic Phlebotomy:** During this 12 months this important modality of treatment has been performed successfully on 18 occasions and has been done on 1 Polycythemia Vera and 5 secondary polycythemia patients.

**Platelet rich Plasma/fibrin (PRP/PRF):** During this year, as a therapeutic service, the blood bank prepared injectable autologous PRP/PRF for 77 procedures 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).

A CME was organized on blood safety on 12<sup>th</sup> April 2015 "Is ID-NAT useful in Indian context". Other plans to that have been worked upon for implementation in near future include starting NAT (Nucleic acid amplification) screening for infections (already tendered); unit irradiation facility (already tendered), starting a Rare Donor Registry of this region; initiating Peripheral Blood Stem cell collection (PBSC) and cryopreservation; and providing day care facility for transfusion management of Hemophilia and Thalassemia patients.

**Name of Faculty: Dr. Saptarshi Mandal**

**Designation: Assistant Professor**

**Abstract in Pubmed Indexed Journal:**

1. T. Mittal, A Hazra, S Tarafdar, N Nebhinani, P Khera, D Haar, V Singh, P Sharma, **S Mandal** Effects of Natural Opium on Atherosclerosis assessed by Carotid Ultrasound, hsCRP, Cholesterol, Glucose, BMI and Blood Pressure studied on Opium abusing and non-abusing Indian Outpatients: A Cross Sectional Pilot Study; Clinical Chemistry Volume 61, Issue S10.

**Papers Presented:**

1. Genetic Insights into management of atypical HUS due to complement activating mutations: Retrospective lessons from a prototype H-HUS case & literature review **Saptarshi Mandal**, Asmita Hazra, Navin Pinto, Tara Maga, Beverly Baron. Presented as poster at IAMGCON 2015 the 2<sup>nd</sup> annual conference of Indian Association of Medical Genetics (IAMG), received consolation award.
2. Effects of Natural Opium on Atherosclerosis assessed by Carotid Ultrasound, hsCRP, Cholesterol, Glucose, BMI and BloodPressure studied on Opiumabusing and Non-abusing Indian Outpatients: A Cross Sectional Pilot Study. T. Mittal, A Hazra, S Tarafdar, N Nebhinani, P Khera, D Haar, V Singh, P Sharma, **S Mandal**; Corresponding and presenting author: dr.mandal@gmail.com. Abstract at AACC 2015. Poster also nominated for Student Poster Award.

**Resource faculty:**

1. Speaker in CME on Blood Safety: "Is ID-NAT useful in Indian context" at AIIMS Jodhpur 12<sup>th</sup> April 2015. Presented: Hepatitis B— a special mention
2. Panel Discussion & Public Lecture on "Dengue: Don't fear- Be Alert", 23<sup>rd</sup> Sep 2015 at AIIMS Jodhpur

**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)

✧ **Completed:**➤ **As Principal Investigator**

1. Platelet Function Testing by "Disappearance of Single Platelets" Method and Its Comparison with Bleeding Time and Hemogram Parameters."ICMR-STs 2015 with Mentee Rajat Ranka MBBS 4<sup>th</sup> Semester.
2. Previous years STS Report accepted and awarded by ICMR and project presented as poster at AACC 2015 Annual meeting in Atlanta, GA, USA for the project: **Title:** Cross-sectional study exploring how Opium consumption affects Atherosclerosis in Indian Out-Patients compared to unexposed controls, assessed by Carotid Ultrasound, hsCRP, Cholesterol, Glucose, BMI and Blood-Pressure. ICMR-STs 2014 with Mentee Tushar Mittal MBBS 6<sup>th</sup> Semester.

**Scientific Awards/Patents**

1. Selected for AACC (American Association for Clinical Chemistry) International Travel award \$2500 for attending AACC Annual meeting 2016

**Membership/Post in Journal or Society or Association**

1. Reviewer & Invited Guest Editor: International Journal of User Driven Health Care (IGI Global)
2. Reviewer & Invited member editorial board BMJ Case reports

3. Reviewer for Indian Journal of Physiology and Pharmacology
4. Member AABB (American Association of Blood Banks)
5. AACC (American Association for Clinical Chemistry)
6. Member ASFA (American Society for Apheresis)
7. Member ASCP (American Society for Clinical Pathology)
8. Member CAP (College of American Pathologists)

**National/ International Conferences attended:**

1. American Society for Clinical Chemistry (AACC) Annual Meeting and Clinical Lab Expo 26<sup>th</sup>-30<sup>st</sup> July, 2015 Atlanta, GA, USA
2. Diagnostic Test Course: Sep 7<sup>th</sup>-9<sup>th</sup>, 2015, CMC Vellore
3. Hands-on workshop on Interphase FISH: Feb 3<sup>rd</sup>-5<sup>th</sup>, 2016, CMC Vellore

**Workshops/ Conferences Organised**

1. Organised: CME on Blood Safety: "Is ID-NAT useful in Indian context" at AIIMS Jodhpur 12<sup>th</sup> April 2015.

**Name of Faculty: Dr. Archana Bajpayee**

**Designation: Assistant Professor**

**Publications:**

Abstract in Pubmed Indexed Journal

1. 2015-Vox Sanguinis Abstract Book Page 82 Antenatal Serology Algorithm And Intrauterine Transfusions In Alloimmunized Pregnancy: North Indian Tertiary Care Centre Experience **A Bajpayee.**

**Invited Lectures:**

1. Guest Speaker –"Blood and Blood products in PPH" Federation of Obstetric & Gynecological Societies of India FOGSI -2015 31<sup>st</sup>-2<sup>nd</sup> August, Jodhpur.

**Symposium Speaker**

1. 2015-Vox Sanguinis Abstract Book Page 82 Antenatal Serology Algorithm And Intrauterine Transfusions In Alloimmunized Pregnancy: North Indian Tertiary Care Centre Experience A Bajpayee.

**Resource Faculty:**

1. Speaker in CME on Blood Safety: "Is ID-NAT useful in Indian context" at AIIMS Jodhpur 12<sup>th</sup> April 2015. Topic: Global Burden of Transfusion Transmitted Diseases
2. Guest Panelist "Hematological disorders in pregnancy" Federation of Obstetric & Gynecological Societies of India FOGSI -2015 31<sup>st</sup>-2<sup>nd</sup> August, Jodhpur.

3. "Blood Donation Myths and Facts". 16<sup>th</sup> Feb 2015 Prasar Bharati "India's Public Service Broadcast All India Radio, Jodhpur.

#### **Research Project:**

##### **❖ Ongoing:**

##### **➤ As Principal Investigator:**

1. Comparative efficacy of Platelet rich plasma versus phonophoresis & tapping in patients with chronic plantar fasciitis

##### **❖ Completed:**

##### **➤ As Principal Investigator**

1. "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."

##### **➤ As Co-Investigator**

1. "To study the incidence of obesity in young adults in educational institute of North India with undiagnosed hypertension, Diabetes Mellitus and proteinuria." With Principal Investigator: Dr Navita Purohit.

#### **Membership/Post in Journal or Society or Association**

1. Member: International Society of Blood Transfusion (ISBT)
2. Member: Indian Society of Transfusion Medicine (ISTM)
3. Member: Indian Society of Blood Transfusion & Immunohaematology (ISBTI)

#### **National/ International Conferences attended:**

1. DBT Course in Biotechnology, Department of Medical Genetics, Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow (UP) September 15<sup>th</sup>-30<sup>th</sup>, 2015

#### **Workshops/ Conferences Organised**

1. Organised: CME on Blood Safety: "Is ID-NAT useful in Indian context" at AIIMS Jodhpur 12<sup>th</sup> April 2015.

#### **Eminent Visitors to the Department:**

1. Dr Neelam Marwaha: Head, Department of Transfusion Medicine, Post Graduate Institute of Medical Education and Research (PGIMER) Chandigarh.
2. Dr. Kabita Chatterjee: Head & Additional Professor: Blood Bank, AIIMS Jodhpur
3. Dr. Priti Elhence: Professor, Department of Transfusion Medicine, SGPGIMS, Lucknow

## Department of Trauma & Emergency

S.No.	Name	Designation
1	Dr. Mahaveer Singh Rodha	Assistant Professor
2	Dr. Shilpa Goyal	Assistant 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 MBBS and B.Sc. (Hons.) Nursing students.

**Name of Faculty: Dr. Mahaveer Singh Rodha**

**Designation: Assistant Professor**

### Books/Chapters:

1. Dhawan I.K Chumber, Gupta A, Essential of Surgery 2<sup>nd</sup> Edition, Jaypee Brothers Medical Publisher , 2016.
2. **Surgical Intensive Care.** Goyal S, Priyadarshini P, Rodha MS, Chumber S, Saha S. : Dhawan IK, Chumber S, Gupta A. editors Essentials of Surgery (2nd Edition). New Delhi: Jaypee Brothers Medical Publishers; 2016. 226-236
3. **Trauma.** Sharma A, Rodha MS, Sinha TP, Ramchandani R, Murmu LR, Aggarwal S, Mittal R, Ansari MT, Chowdhury B, Sinha S, Aggarwal L, Chumber S. : Dhawan IK, Chumber S, Gupta A. editors Essentials of Surgery (2nd Edition). New Delhi: Jaypee Brothers Medical Publishers; 2016. 1367-1460

### Invited Lectures: -

1. Lecture on CME in Surgery 2016 at Department of Surgical discipline, AIIMS, New Delhi.

### Research Project:

#### ✧ Ongoing:

#### ➤ As Co-Investigator :

1. A Study of efficacy of methylene blue and clinicopathological factors associated with false negative sentinel lymph node biopsy in early breast cancer”.
2. Evaluating the dynamics of breast cancer stem cells and miRNA 155 in patients undergoing systemic neo-adjuvant or palliative chemotherapy for breast cancer.

### 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 as Delegate in “SELSICON 2015” at Cochin from 13<sup>th</sup> to 15<sup>th</sup> August 2015.
2. Successfully completed “AMASICON-2015” organized by Association of minimal access surgeons of India at Mumbai from 5<sup>th</sup> to 8<sup>th</sup> November 2015.
3. Successfully completed “FMAS Skill course at SMS Medical College, Jaipur.

4. Successfully completed “National Workshop on Writing a Research Paper at AIIMS, Delhi from 26<sup>th</sup> March to 27<sup>th</sup> March 2016.

**Name of Faculty: Dr. Shilpa Goyal**

**Designation: Assistant Professor**

**Publications:**

1. Nikhil Kothari, Ghanshyam Biyani, **Shilpa Goyal**, Vandana Sharma “Videolaryngoscope modified into fiberoptic bronchoscope”. Indian J Anaesth.2015 Oct; 59(10):675-677

**Books/Chapters:**

1. **Goyal S**, Priyadarshini P, Rodha MS, Chumber S, Saha S. Surgical Intensive Care In: Dhawan IK, Chumber S, Gupta A. editors Essentials of Surgery (2<sup>nd</sup> Edition). New Delhi: Jaypee Brothers Medical Publishers; 2016. 226-236

**Research Project:**

❖ **Ongoing:**

➤ **As Principal Investigator:**

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

➤ **As Co-Investigator:**

Continuous fascia Iliaca Compartment Block for postoperative pain relief in above knee surgeries. Funding Agency – AIIMS Jodhpur.

**Membership/Post in Journal or Society or Association**

1. Editorial Board Member- The Indian Anaesthetists' Forum.
2. Secretary – Anaesthesia Critical Care Updates Society.

**National/ International Conferences attended:**

1. Attended “Annual National Conference of Indian Society of Anaesthesiologists” in Jaipur, on December 25<sup>th</sup>- 29<sup>th</sup>, 2015.

**Workshops/ Conferences Organized:**

1. Organized “AIIMS Ultrasound Regional Anaesthesia Workshop” in AIIMS Jodhpur, on March 19<sup>th</sup>-20<sup>th</sup>, 2016 in collaboration with AIIMS Delhi.  
(Details of “AIIMS Ultrasound Guided Regional Anaesthesia Workshop” on 19<sup>th</sup> and 20<sup>th</sup> March, 2016 given above)

## College of Nursing

S. No.	Name	Designation
1.	Prof (Dr.) Raj Rani	Prof-cum-Principal
2.	Ashok Kumar	Assistant professor
3.	Vandna Pandey	Tutor/Clinical Instructor
4.	Himanshu Vyas	Tutor/Clinical Instructor
5.	Aashish Parihar	Tutor/Clinical Instructor
6.	Naveen Kumar Sharma	Tutor/Clinical Instructor
7.	Mamta	Tutor/Clinical Instructor
8.	Asif Khan Pathan	Tutor/Clinical Instructor
9.	Jaishri	Tutor/Clinical Instructor
10.	Moirangthem Sonia	Tutor/Clinical Instructor
11.	R. Velumurugan	Tutor/Clinical Instructor
12.	Nipin Kalal	Tutor/Clinical Instructor
13.	Remiya Mohan	Tutor/Clinical Instructor
14.	Sheela Aasoo	Tutor/Clinical Instructor
15.	Hanuman Ram Bishnoi	Tutor/Clinical Instructor

### About The College:

College of Nursing, AIIMS, Jodhpur since its inception in 2013, is continuously working hard to raise the standards of Nursing education. Currently the College is running three batches of B.Sc. (Hons) Nursing, a 4 year course, with an annual intake of 60 students.

### Facilities at par excellence:

State of the art infrastructure, centrally air conditioned lecture theatres, well-lit ventilated classrooms, examination halls and lab facilities are gemstone of this college. High end manikins and simulators are being used in the Nursing foundation lab, Community health Nursing lab, OBG and Pediatric Nursing Lab by Nursing faculty to demonstrate procedures and clinical skills to students.

Posting at different clinical areas of parent hospital and other state hospitals helped students to translate their theoretical knowledge into practice. The field posting to area adopted by institute gave students good exposure and realization about the real needs of the local community. Further 2 months long OBG posting at Umaid Hospital, Jodhpur and

Mental Health Nursing Posting at MDM Hospital, Jodhpur helped the future nurses to see variety of live clinical cases and gave an opportunity to render nursing care to diverse groups.

### **A year full of activities:**

- **Nurses Day Celebration:** International Nurses Day was celebrated in the college campus on 12<sup>th</sup> May 2015. Quiz and poster competitions were organized for the nursing staff and nursing students respectively. The winners of both the competitions were facilitated with trophies and certificates of appreciation.
- **Orientation program:** One day orientation programme was organized for B.Sc. (Hons) Nursing 1<sup>st</sup> year students (Batch 2015) in August 2015. The new students were made familiar to the College, its policies, rules and regulations.
- **Personality enhancement programme:** Personality enhancement programme was conducted for students (Batch 2015) in October 2015. The main focus was to improve student's personality, enhance confidence and improve communication skills.
- **Co-Curricular activities:** Students showcased their talent in the annual day celebrations of Institute and won laurels in debate, dancing and singing competitions. Senior batches of the college organized a colourful fun filled freshers' party for the new entrants on 28<sup>th</sup> Oct 2015.
- **Sporting the true sportsmanship:** Students of all three batches of B.Sc. (Hons.) Nursing took part in various sports events organized within and outside the campus and won medals. The college basketball team won winners' trophy at the annual sports fest held at AIIMS, Jodhpur from 3<sup>rd</sup>- 11<sup>th</sup> Sep 2015. They also won medal at Inter college basketball competition held at IIT, Jodhpur in November 2015.
- **Community Awareness Programme:** During Community Health Nursing clinical posting at Pratap Nagar, Jodhpur, B.Sc. (Hons.) Nursing 2<sup>nd</sup> year students conducted community awareness programme on environmental hygiene, importance of girl child education & women empowerment. Mental health as an important dimension of an individuals' life was addressed by B.Sc. (Hons.) Nursing 3<sup>rd</sup> year students. People appreciated the initiative taken by the students.
- **Educational Visits:** As a part of curriculum requirement, educational visits to Saras Milk Plant, Basni, Jodhpur and Sewage treatment plant, Salawas, Jodhpur were organized for the students. Direct observation of the processes involved in milk pasteurization and sewage treatment helped students in easy learning.

**Name of Faculty: Prof (Dr.) Raj Rani**

**Designation: Prof cum Principal**

**Publications:**

**Book chapter:**

1. Recruiting, orienting and retaining academic and administrative staff. In: Arora VPS, Pathak D, Goswami VK, Agarwal SS, Marwah S, Editor. Higher education leadership and management by Centre for education growth & research, Bharti Publishers, New Delhi 2015. Pp 78-97.

**Session Chaired:**

1. Chairperson, Plenary session, National Conference on Today's Learners, Tomorrow's Leaders-Transforming Nursing Education- Transforming Research, 5<sup>th</sup> October 2015 held at Auditorium, College of Nursing, NEIGRIHMS, Shillong,
2. Chairperson, Scientific paper presentation, National Conference on Today's Learners, Tomorrow's Leaders-Transforming Nursing Education- Transforming Research, 5<sup>th</sup> October 2015 held at Auditorium, College of Nursing, NEIGRIHMS, Shillong.
3. Chairperson, Scientific paper presentation, National Conference on Today's Learners, Tomorrow's Leaders-Transforming Nursing Education- Transforming Research, 5<sup>th</sup> October 2015 held at Auditorium, College of Nursing, NEIGRIHMS, Shillong.
4. Chairperson, 3<sup>rd</sup> Nursing Research Society of India Regional (North zone) Conference on Collaborative Research: To improve patient care through clinical research, 16<sup>th</sup>-17<sup>th</sup> October 2015 held at College of Nursing, Christian Medical College & Hospital, Ludhiana.

**Scientific Awards:**

1. Rashtriya Shiksha Gaurav Puruskar. Excellence in field of Education, Centre for Education Growth and Research (CEGR), New Delhi, 18<sup>th</sup> Sep 2015.

**Examinership:**

1. Paper setter: Community Health Nursing I (Theory) for B.Sc. (Hons.) Nursing 2<sup>nd</sup> year, All India Institute of Medical Sciences, Bhubaneshwar, 24<sup>th</sup> June 2015.

**Membership/Post in Journal or Society or Association:**

1. Member of Advisory Council, Centre for Education Growth and Research, New Delhi, 3<sup>rd</sup> Oct 2015.
2. Member of Academic governing board, JIET college of Nursing, Jodhpur, 19<sup>th</sup> Nov 2015
3. Member of Editorial Board, International Journal on Education Growth & Research, New Delhi, 2015.

**National/ International Conferences attended:**

1. Conference cum Meditation retreat on Role of women for Transformation held at Gyan Sarovar, Mount Abu, Rajasthan from 26<sup>th</sup>-30<sup>th</sup> Jun 2015.
2. National Conference on Today's Learners, Tomorrow's Leaders-Transforming Nursing Education- Transforming Research in India held at Auditorium, College of Nursing, NEIGRIHMS, Shillong from 5<sup>th</sup> -7<sup>th</sup> October 2015.
3. 3<sup>rd</sup> Nursing Research Society of India Regional (North zone) Conference on Collaborative Research: To improve patient care through clinical research held at College of Nursing, Christian Medical College & Hospital, Ludhiana from 16-17<sup>th</sup> October 2015.

**Workshops/ Conferences/ Events Organized:**

1. International Nurses Day 2015 'Nurses: A Force for Change - Care Effective, Cost Effective at College of Nursing, AIIMS, Jodhpur on 12<sup>th</sup> May 2015.
2. Quiz competition on 'Basic Nursing Concepts' for staff nurses at College of Nursing, AIIMS, Jodhpur on 12<sup>th</sup> May 2015.
3. Poster competition on theme - Nurses: A Force for Change - Care Effective, Cost Effective for B.Sc. (Hons.) Nursing 1<sup>st</sup> year students at College of Nursing, AIIMS, Jodhpur on 12<sup>th</sup> May 2015.

**Other Information:**

1. External expert in the interview board for the selection of staff nurse at PGIMER Chandigarh from 10<sup>th</sup> to 12<sup>th</sup> April 2015.
2. Guest of Honour, Inaugural function of Nurses' week celebration, Govt. College of Nursing, Umaid Hospital, Jodhpur, 6<sup>th</sup> May 2015.
3. Chairman of selection committee for the post of Project Technician (staff nurse), IIT, Jodhpur, 8<sup>th</sup> May 2015.
4. Subject Expert for the Interview for selection of Lecturer in Nursing (Contractual Basis), AIIMS, Patna, 15<sup>th</sup> Sep 2015.
5. Co-opted Member of standing selection committee for faculty recruitment, AIIMS Jodhpur, 27<sup>th</sup> Jan 2016 to 29<sup>th</sup> March 2016.
6. Subject expert for interview of nursing faculty (Lecturer and Tutor posts), AIIMS, Jodhpur, 25<sup>th</sup>-25<sup>th</sup>Feb 2016.

**Name of Faculty: Ashok Kumar**  
**Designation: Assistant Professor**

**Publications:**

**Papers:**

1. Tendon P, **Kumar A**, Chaudhary V, Sarin J. Effectiveness of Alcohol Based Hand Rubbing among Registered Medical Practitioners and Registered Nurses in terms of Bacteriological Profile. International Journal of Pharmaceutical Sciences Review and Research 2015 March- April; 31(2): 136-38.
2. **Kumar A**. Review of the steps for development of quantitative research tools. Journal of Advanced Practices in Nursing 2015 Dec; 1(1).

**Book:**

1. Vikas Chaudhary, **Ashok Kumar**, Vinay Kumari and Jyoti Sarin (Jan 2016) Methodological research: Clinical Learning Environment & Supervision Evaluation (CLESE) Scale for Nursing students. Lambert Academic Publishing, Omni Scriptum GmbH & Co. KG, Germany.

**Invited Lectures:**

1. Smart Nursing Scientific Programme, 10<sup>th</sup> World Congress on Clinical, Preventive Cardiology & Imaging (WCCPI 2015), 3<sup>rd</sup>- 6<sup>th</sup> Sep 2015, Shantivan, Abu Road, Rajasthan, India.

**Resource Faculty:**

1. Moderator in panel discussion on 'Maintaining quality of nursing profession in current scenario'; 8<sup>th</sup> May 2015, Govt. College of Nursing, Jodhpur.

**Research Project:**

**Completed as Principal Investigator:**

1. Development of risk assessment tool for the prediction of pressure ulcer in selected hospitals of Punjab.

**Scientific Awards/Patents:**

1. Copyright patent - Development of the clinical learning environment and supervision evaluation (CLESE) scale for nursing students of M.M. University, Mullana, Ambala, Extracts from the Registrar of Copyrights, Govt of India, 27<sup>th</sup> April 2015.
2. Fellowship in Academy for Clinical Emergency Nursing (FACEN), Indo-Us Emergency & Trauma Medicine collaboration, Oct 2015.

**Examiner ship:**

1. Medical Surgical Nursing-I, B.Sc. (Hons.) Nursing 2<sup>nd</sup> year, All India Institute of Medical Sciences, Rishikesh, Uttarakhand, 16<sup>th</sup>-18<sup>th</sup> July 2015.
2. Nursing Foundations, B.Sc. (Hons.) Nursing 1<sup>st</sup> year, All India Institute of Medical Sciences, Bhopal, Madhya Pradesh, 27<sup>th</sup>-28<sup>th</sup> July 2015.
3. Internal examiner – B.Sc. (Hons.) Nursing examinations, AIIMS Jodhpur.

**Membership/Post in Journal or Society or Association:**

1. Life Member- Critical Care Nurses Society
2. Life Member- Oncology Nurses Association of India
3. Member- Emergency Medicine Association
4. Member- Editorial Board, Journal of Advanced Practices in Nursing. OMICS Publishing Group, Gull Ave, Foster City CA, USA

**National/ International Conferences attended:**

1. 10<sup>th</sup> World Congress on Clinical, Preventive Cardiology & Imaging (WCCPI 2015) held at Shantivan, Abu Road, Rajasthan, India from 3<sup>rd</sup> to 6<sup>th</sup> September, 2015.
2. 11<sup>th</sup> Annual INDO-US World Congress of Emergency Medicine 'Synergizing science to sustain systems', held at AIIMS, New Delhi from 30<sup>th</sup> September to 4<sup>th</sup> October 2015.

**Workshops/ Conferences/ Events Organized:**

1. International Nurses Day 2015 'Nurses: A Force for Change - Care Effective, Cost Effective' at College of Nursing, AIIMS, Jodhpur on 12<sup>th</sup> May 2015.
2. Quiz competition on 'Basic Nursing Concepts' for staff nurses at College of Nursing, AIIMS, Jodhpur on 12<sup>th</sup> May 2015.
3. Poster competition on theme - Nurses: A Force for Change - Care Effective, Cost Effective for B.Sc. (Hons.) Nursing 1<sup>st</sup> year students at College of Nursing, AIIMS, Jodhpur on 12<sup>th</sup> May 2015.

**Other Information:**

1. External expert in the interview board for the selection of staff nurse at PGIMER Chandigarh from 10<sup>th</sup> to 12<sup>th</sup> April 2015.

**Name of Faculty: Himanshu Vyas**  
**Designation: Tutor/Clinical Instructor**

**National/ International Conferences attended:**

1. 10<sup>th</sup> World Congress on Clinical, Preventive Cardiology & Imaging (WCCPI 2015) held at Shantivan, Abu Road, Rajasthan, India from 3<sup>rd</sup> - 6<sup>th</sup> September, 2015.

2. Workshop on helping babies' breath held at Yenepoya Nursing College, Yenepoya University, Mangalore, Karnataka on 20<sup>th</sup> Nov 2015.
3. 12<sup>th</sup> National Conference of Society of Midwives (SOMI) held at Yenepoya Nursing College, Yenepoya University, Mangalore, Karnataka from 21<sup>st</sup> and 22<sup>nd</sup> Nov 2015.

**Name of Faculty: Naveen Kumar Sharma**

**Designation: Tutor/Clinical Instructor**

**National/ International Conferences attended:**

1. CME on "Behavioural addiction: New Challenges" held at Dr. SN Medical College, Jodhpur on 5<sup>th</sup> April 2015.
2. 10<sup>th</sup> World Congress on Clinical, Preventive Cardiology & Imaging (WCCPI 2015) held at Shantivan, Abu Road, Rajasthan, India from 3<sup>rd</sup>- 6<sup>th</sup> September, 2015.

**Name of Faculty: Aashish Parihar**

**Designation: Tutor/Clinical Instructor**

**National/ International Conferences attended:**

1. CME on "Behavioural addiction: New Challenges" held at Dr. SN Medical College, Jodhpur on 5<sup>th</sup> April 2015.
2. 10<sup>th</sup> World Congress on Clinical, Preventive Cardiology & Imaging (WCCPI 2015) held at Shantivan, Abu Road, Rajasthan, India from 3<sup>rd</sup>- 6<sup>th</sup> September, 2015.

**Name of Faculty: Mamta**

**Designation: Tutor/Clinical Instructor**

**Publications:**

**Papers:**

1. **Mamta**. Effectiveness of Structured Teaching Programme on Prevention of Worm Infestation among School Children. Research & Reviews: Journal of Nursing & Health Sciences 2015 May-Jun; 1(3): 29-33.

**Book chapter:**

1. Recruiting, orienting and retaining academic and administrative staff. In: Arora VPS, Pathak D, Goswami VK, Agarwal SS, Marwah S, Editor. Higher education leadership and management by Centre for education growth & research, Bharti Publishers, New Delhi 2015. Pp 78-97.

**Papers (Poster) Presented:**

1. Disaster factor knowledge: Benefits & challenges for community health nurses (Poster) at 4<sup>th</sup> National Conference of Society of Community Health Nurses of India (SOCHNI) on Disaster preparedness: Community Health Nurses take responsibility, held at College of Nursing, SMS Medical College, Jaipur, Rajasthan on 6<sup>th</sup>Feb 2016.

**Membership/Post in Journal or Society or Association:**

1. Life Member, Society of Community Health Nurses of India, Feb 2016 onwards.

**National/ International Conferences attended:**

1. CME on “Behavioral addiction: New Challenges” held at Dr. SN Medical College, Jodhpur on 5<sup>th</sup> April 2015.
2. 1<sup>st</sup> International conference on Lead, Environment and Health held at All India Institute of Medical Sciences, Jodhpur from 26<sup>th</sup>-27<sup>th</sup> October 2015.
3. 4<sup>th</sup> National Conference of Society of Community Health Nurses of India (SOCHNI) on Disaster preparedness: Community Health Nurses take responsibility held at College of Nursing, SMS Medical College, Jaipur from 6<sup>th</sup>-7<sup>th</sup> Feb 2016.

**Name of Faculty: Asif Khan Pathan**

**Designation: Tutor/Clinical Instructor**

**Publications Papers:**

1. Caring epileptic patients: care takers knowledge and attitude. Sinhgad e-journal of Nursing 2015; 5(1).

**Name of Faculty: R. Velumurugan**

**Designation: Tutor/Clinical Instructor**

**Publications Papers:**

1. **Velumurugan R.** Home care management of permanent pacemaker. Community Nursing Spectrum 2015 May- August; 5(13): 7-9.
2. **Velumurugan R.** Effect of SIM (Self Instructional Module) regarding home care management of permanent pacemaker. Pondicherry Journal of Nursing 2015 May-August; 8(2): 35-37.
3. **Velumurugan R.** Frozen Shoulder. Pondicherry Journal of Nursing 2015 Sep-Dec; 8(3): 6-10.

**National/ International Conferences attended:**

1. 4<sup>th</sup> National Conference of Society of Community Health Nurses of India (SOCHNI) on Disaster preparedness: Community Health Nurses take responsibility held at College of Nursing, SMS Medical College, Jaipur from 6<sup>th</sup>-7<sup>th</sup> Feb 2016.

**Name of Faculty: Nipin Kalal**  
**Designation: Tutor/Clinical Instructor**

**Papers (Poster) Presented:**

1. A Study to assess the effectiveness of planned health teaching on knowledge regarding HIV/AIDS among barbers (Poster) at 4<sup>th</sup> National Conference of Society of Community Health Nurses of India (SOCHNI) on Disaster preparedness: Community Health Nurses take responsibility, College of Nursing, SMS Medical College, Jaipur, Rajasthan on 6<sup>th</sup> Feb 2016.

**National/ International Conferences attended:**

1. 4<sup>th</sup> National Conference of Society of Community Health Nurses of India (SOCHNI) on Disaster preparedness: Community Health Nurses take responsibility held at College of Nursing, SMS Medical College, Jaipur from 6<sup>th</sup>-7<sup>th</sup> Feb 2016.
2. State level conference on new trends in Midwifery: Education, practice, research & profession held at Sumandeep Nursing College, Vadodara on 9<sup>th</sup> Feb 2016.

**Name of Faculty: Remiya Mohan**  
**Designation: Tutor/Clinical Instructor**

**Publications: Papers:**

1. **Mohan R.** A study to assess the coping strategies adopted among children with impaired hearing. Pondicherry Journal of Nursing 2015 Sep-Dec; 8(3): 24-27.

**National/ International Conferences attended:**

1. 4<sup>th</sup> National Conference of Society of Community Health Nurses of India (SOCHNI) on Disaster preparedness: Community Health Nurses take responsibility held at College of Nursing, SMS Medical College, Jaipur from 6<sup>th</sup>-7<sup>th</sup> Feb 2016.

**Name of Faculty: Sheela Aasoo**  
**Designation: Tutor/Clinical Instructor**

**National/ International Conferences attended:**

1. 4<sup>th</sup> National Conference of Society of Community Health Nurses of India (SOCHNI) on Disaster preparedness: Community Health Nurses take responsibility held at College of Nursing, SMS Medical College, Jaipur from 6-7<sup>th</sup> Feb 2016.



# **Conferences at AIIMS**



**Conference in Pictures**  
**AIIMS Ultrasound Guided Regional Anaesthesia Workshop**  
**on 19<sup>th</sup> & 20<sup>th</sup> March, 2016**



**Conference Organised by Department of Biochemistry  
LEADCON 2015  
1<sup>st</sup> International Conference on Lead, Environment & Health.**



Lighting the Lamp

First International Conference on Lead, Environment & Health with theme: Protect every child from lead poisoning was held in AIIMS Jodhpur on 26<sup>th</sup> and 27<sup>th</sup> Oct 2015. The conference was organized by the Department of Biochemistry, All India Institute of Medical Sciences, Jodhpur under aegis of NRCLPI and InSLAR.

The two days conference was inaugurated by Prof Alok Dhawan, Director CSIR-IITR, Lucknow. Ms Lesley J Onyon, Regional Advisor, Occupation & Environment Health, South East Asia, Prof Thuppil Venketesh the Lead Man of India, Prof Abbas Ali Mahdi, President InSLAR and Prof Sanjeev Misra, Director AIIMS, Jodhpur were the eminent personalities present on the dais. Inauguration began with the lighting of the lamp by the honoured guests. Welcome note was delivered by the Organizing Chairman Prof Praveen Sharma. Lead awareness advocacy material for the children and community in the form of brochure and poster were prepared by Western Region Lead Referral centre NRCLPI, Jodhpur and NRCLPI Centre Lucknow which were unveiled along with souvenir by the luminaries on the dais. The vote of thanks was delivered by Dr Pankej Bhardwaj.

The conference was attended by various eminent national and international personalities. This conference observed participation from experts from various fields for a common cause at a platform where delegates were enlightened by the experts about the area of growing concern and their possible solutions. It was an opportunity to alert people working

in the concerned area about its relevance and importance.

The two days wholesome scientific sessions comprised of panel discussions covering lead and its involvement in environment and health. These sessions were moderated by Prof A A Mahdi, Prof Venkatesh, Prof Praveen Sharma and Ms Lesley J Onyon. The highlight of the scientific session were talks delivered by the guest speakers Prof. Thuppil Venkatesh, Emeritus Professor, St. Johns Medical College, Bangalore, Prof N Shashidhara, Principal advisor NRCLPI, Dr Girdhar Gyani, Director General AHPI, Mr L.Pugazenthy, Director, ILZDA, Delhi and Dr SJS Flora, DRDO, Gwalior which generated awareness amongst the audience about Lead and its application in our everyday life, health hazards of Lead poisoning (Children & adults), measurement of blood lead level (BLL) and treatment strategies adopted for prevention of lead poisoning. Dr Prasanth Subhramanian from NHSRC, New Delhi moderated the panel discussion related to policies for environmental lead exposure and related health issues. The outcomes of the discussions are being forwarded as suggestions to the Government of India to formulate the relevant policies for lead mitigation.



Dignitaries on the Dais

**Conference Organised by Department of Microbiology**  
**“Symposium on Tuberculosis : Unite to End TB” – 21<sup>st</sup> March 2016**



Lighting the Lamp

The Department of Microbiology organized a **“Symposium on Tuberculosis: Unite to End TB”** on 21<sup>st</sup> March 2016. It was attended by various Faculty members, Residents and Students of AIIMS, Jodhpur. The aim of the symposium was to provide a common platform to Microbiologists, Clinicians, Researchers & Students to share the latest trends and developments in the field of Mycobacteriology and its implications in patient care.

The Inaugural talk and welcome note was delivered by Dr Sanjeev Misra Director, AIIMS Jodhpur. It was followed by Guest lecture by Dr Surya Kant, Prof & Head, Department of Pulmonary Medicine, King George’s Medical University. His talk was on “Overview of Tuberculosis: Present and Future.” He stressed upon the history and global burden of tuberculosis. The resurgence of TB due to HIV and clinical presentation in different scenario of the disease, its diagnosis, treatment and methods of prevention of drug resistance were the main focus of the talk. This was followed by a talk on Dilemmas in Pediatric tuberculosis by Dr Kuldeep Singh, Additional Prof & Head Pediatrics, AIIMS Jodhpur. Dr Vijaya Lakshmi Nag, Prof. & Head Microbiology, AIIMS Jodhpur shared her views on “TB diagnosis: from culture to molecular and beyond.” She emphasized upon the global burden of MDR, XDR & XXDR tuberculosis. She also discussed about already available techniques and its impact on TB control along with progress in conventional and molecular drug resistance testing, testing of transmission of drug resistance in tuberculosis and its genotyping.

A Quiz was conducted in the next session, which comprised of some excellent conceptual multiple choice Questions on Tuberculosis. It was enthusiastically undertaken by Students, Residents and others.

A panel discussion was also held, which was coordinated by Dr Vijaya Lakshmi Nag, including Faculty members from various Departments of AIIMS Jodhpur, namely Dr S Bhattacharya, Dr Pankaja R Raghav, Dr Kuldeep Singh, Dr Arvind Sinha, Dr Pratibha Singh, Dr. Abhay Elhence, Dr Vikram Singh, Dr Nishant Chauhan and Dr. Ram Karan Chaudhary.

MBBS and Nursing students also participated in the Poster competition, with Posters depicting various aspects of Tuberculosis (etiology, clinical presentation, lab diagnosis, treatment and prevention).

The awards were presented to the winners of the Poster & Quiz competition. It was followed by take home messages & vote of thanks by the Organizing Secretary.

The success of the Symposium is attributed to all the participants of the Scientific Committee, Technical Staffs, Faculty members, Students and all those who were involved directly or indirectly.



Dr. Sanjeev Misra Addressing the Gathering



Session in Progress



Delegates at Symposium

**Conferences Organised by Department of Obstetrics & Gynecology**  
**Live Laparoscopic Workshop and CME, 1st May 2015, AIIMS Jodhpur,**

We organized our first academic event on 1.5.2015. It was inaugurated by Director AIIMS Jodhpur- Dr S Misra; and our Guest operating faculty Dr B B Dash. Dr Pratibha Singh, Organising chair and Addl Prof in OBGYN and Professor Dr Ranjana Desai (Prof, Dr S N Medical College) and was attended by 45 delegates from the city and 8 faculty.

Morning session was enjoyed by everyone as there was a live relay of 3 cases of Laproscopic surgery ( Laproscopic Hysterectomy, myomectomy and ovarian cystectomy for endometrioma) from OT to the lecture hall in the medical college. The operating faculty was Dr B B Dash from Delhi; an AIIMS Delhi alumni and a practicing consultant at various reputed hospitals in Delhi. His meticulous and fast surgical technique was appreciated by all. This was a very interactive session with many queries from the audience

This was followed by lunch, and in the afternoon session lectures on various aspects of laproscopy, Infertility and their complications in gynecology were discussed. Participating faculty were Dr S Makwana, Dr B S Jodha, Dr R Desai, Dr C Jain, Dr P Patni and Dr R Makwana, The CME was over at 5.30pm by vote of thanks from Dr S Shekhar.

A quiz for students of 6<sup>th</sup> semester was also conducted in which their enthusiastic participation was appreciated by all.



Dignitaries on the Dais



Session in Progress



Delegates at Workshop

## URO GYNECOLOGY workshop on 31.7.2015

This workshop was conducted as part of West Zone Yuva Fogsi conference which was held on 31<sup>st</sup> July- 2<sup>nd</sup> Aug 2015. All workshop was conducted on 31<sup>st</sup> July and conference on 1<sup>st</sup> & 2<sup>nd</sup> Aug 2015 at Hotel Indana Palace, Jodhpur.

We started the session in the morning at 9 am with inauguration of the workshop by Director AIIMS, Jodhpur -Dr S Misra and Principal Dr S N Medical College Dr Ami Lal Bhat, who is also a urologist.

In the morning session various aspect of Urogynecology were discussed – starting with anatomy of the pelvic floor and supports of bladder and uterus by Dr S Ghatak, Lectures on stress incontinence, pelvic floor dysfunction, urodynamic studies, choosing the right treatment for incontinence, Fistula, were taken by stalwarts in the field- both Gynecologists as well as Urologists. A newer less known entity – female hypospadias was discussed by Prof Ami Lal Bhat which was very much appreciated by all the faculty as well as delegates. Videos by Dr A Vaze on surgical anatomy as well as surgical approach were liked by everyone.

After lunch there was live relay of cases from Operation theater to the venue of workshop; 4 case of stress urinary incontinence were operated by-TVT by Dr Vinit Mishra- a gynecologist and vice president Fogsi from Ahmedabad and Dr Ajit Vaze from Mumbai- a Urologist by different technique. Dr V Mishra operated by outside-in method while Dr A Vaze operated by inside-out method. Both of them not only operated the cases but also taught to the audience as well as to us – the technique not only simple to learn but does not take much time also. Another case of NDVH was performed by Dr Mahesh Gupta from Ahmedabad. His quick, clean and surgical expertise was applauded by everyone.

Dr S Munshi – a renowned name in the field of gynecological laproscopy from Ahmedabad - operated a case of Vault prolapse Laproscopically by mesh fixation at sacral promontory

This workshop was attended by 76 delegates and 21 faculty. Since Urogyne is a field of interest to both Urologist as well as Gynecologist; this workshop was also attended by both of them. Enthusiastic participation by delegates till the end of the workshop even at 6.30pm in evening; tells us about the success of this academic event.

Other faculty were- Dr J Chaturvedi, Dr K Pushpalatha from Bhubaneswar, Dr S Agarwal from Indore, Dr Prakash from Surat, Dr P Agarwal from Indore, Dr S Parihar & Dr MS Rodha from Jodhpur



Inauguration of the workshop



Delegates of the Workshop

## **Conferences Organised by Department of Physiology Scientific Report of APPICON 2015**

APPICON, the annual conference of the Association of Physiologists & Pharmacologists of India (APPI) for the year 2015 was organized by Department of Physiology, All India Institute of Medical Sciences Jodhpur, Rajasthan on 25<sup>th</sup> to 28<sup>th</sup> November. The conference spanned 3 days and was preceded by a 1-day preconference workshop. More than 600 physiologists and pharmacologists of India participated in the conference. The scientific program started with the preconference workshops. Four preconference workshops on different themes were run simultaneously. The delegates participated enthusiastically in the workshops and had hands-on experience in them. The workshops were on:

1. Cardiovascular Autonomic Reactivity Tests
2. Hands-on Interactive workshop on Ethics
3. Setting up of a Sleep Lab
4. Wireless Neurophysiological Data Acquisition and Analysis

The conference started with the APPI Baldev Singh Orations for “recognition of outstanding work carried out in the field of NeuroPhysiology/Neuro Sciences”. The conference also had 18 symposia over two-and-half days on various aspects of physiology and pharmacology in which 82 speakers shared their expertise and research work with the audience. The topics of the symposia were:

1. Neuroinflammation and Brain Cancer
2. Discovering the Mystery of Sleep
3. Biomedical Signal Processing
4. Clinical Exercise Physiology
5. Symposia on Parkinsonism
6. Pulmonary Function Test
7. Ethics
8. Autonomic Function in Health & Disease
9. Reproductive physiology
10. Indo-Austrian Symposium on Autonomic and Vascular function under Microgravity
11. CVS regulation in health and disease
12. Physiology of Vestibulo-Audiometric tests and Neuro-physiology of Vision
13. Therapeutic Target
14. Neuroimaging in Physiology
15. Basic Science in Medical Education.
16. Molecular Medicine pathway and Physiology
17. Neuro cognition functions
18. Bioinformatics for Physiologists and Pharmacologists

The presentations of the IJPP awards were delivered on the morning of the second day of the conference. The contestants for the IJPP awards for undergraduate and postgraduate students gave their presentations on the last day of the conference and the winners were given the prizes on the same day during the valedictory.

The scientific committee received 258 abstracts. 44 oral and 202 poster presentations were done. Every oral and poster presentation was critically and objectively assessed by experts in relevant fields.

The oral presentation should not be overlap with symposia.



Welcome of Chief Guest



Chief Guest Addressing the Gathering



Workshop in Progress



Audience in Session



Faculties & Delegates

## **Conferences Organised by Department of Pediatrics**

### **Neonatology Conference – RAJNEOCON 2015**

The Department of Pediatrics organised a workshop on “Therapeutic Hypothermia” on 16<sup>th</sup> Oct, 2015 at AIIMS, Jodhpur. This was a part of pre-conference workshop of the State Annual Neonatology Conference-RAJNEOCON 2015.

Perinatal asphyxia is third most common cause of neonatal mortality in India. Those who survive suffers from permanent neurological deficits including cerebral palsy, motor deficits, hearing and visual deficits, low cognition and seizures. A lot of therapies have been tried to decrease morbidity and mortality related to perinatal asphyxia however; with no beneficial outcomes. Recently, ‘therapeutic hypothermia’ has been shown to be the only such evidence based intervention which has revolutionized the management of moderate to severe hypoxic-ischemic encephalopathy in late preterm and term infants. It has shown to improve the survival and neurological disability in these infants and is now a standard of care all over the world.

The objective of this workshop was to impart knowledge and skills regarding various aspects of practising therapeutic hypothermia. This was attended by 20 pediatricians and neonatologist from all over Rajasthan who are running level III neonatal units. Dr Venkateshan from PGIMER, Chandigarh rolled out the ball by updating about the current evidence of this modality especially in relation to low and-middle income countries. This was followed by “Essential and Pitfalls” by Dr Ashish Mehta from Ahmedabad. The participants were then made aware of the each and every minute details of the protocol which needs to be religiously followed while practising this intervention. This was told by Dr Rajesh Sharma from Abu Dabi. Later, the role of amplitude integrated EEG (aEEG), neuroimaging and the various complications related to therapeutic hypothermia and its management were discussed. Post-lunch session included the practical demonstrating of the servo-controlled and manual machines which are being commonly used in Indian setting. Then actual case studies were discussed which further gave more insight and brought more clarity about the subject and its practical application. Lastly, queries from the participants were discussed with possible solutions.

Overall, the participants were quite satisfied and felt much more confident in starting this intervention in near future in their centres.

## **IAMGCON 2015: New Insight into therapy of Genetic Disorders**

Kuldeep Singh, Organizing Chairman IAMGCON 2015

The 2<sup>nd</sup> Annual conference of Indian Academy of Medical Genetics, IAMGCON 2015, was held at Jodhpur collaboratively by All India Institute of Medical Sciences, Jodhpur and Department of Pediatrics, Dr S N Medical College, Jodhpur from 11<sup>th</sup>- 13<sup>th</sup> December 2015. Attended by more than 250 delegates and scientific deliveries by about 35 Medical Genetic experts from India and abroad on various advances in diagnosis and therapy of genetic conditions, it was a real treat to practicing Obstetricians, Pediatricians and medical specialists who attended the 3 day academic activity.

The first day was devoted for Fetal Medicine, perinatal autopsy and prenatal diagnosis and therapies. Hands on workshop on amniocentesis, pedigree drawing & analysis, identification of chromosomes and Fluorescent in-situ Hybridization (FISH) using softwares were held during the day. Workshop stations provided a real peep into the amazing world of Genetics.

The main conference was held on 12<sup>th</sup>-13<sup>th</sup> December 2015 at AIIMS Jodhpur and focused on novelties in therapy and diagnosis. Globally there is perceptible changes in approach to these genetic disorders which are often disabling and lack a definite cure. The attitude of community is changing towards empowering communities to deal with these disorders. New therapies are being rigorously subjected to clinical trials and database available from old literature or practice based case series are

The conference was inaugurated on 12<sup>th</sup> December 2015 morning in the hands of stalwarts in field of Medical Genetics. Dr Dhavendra Kumar from United Kingdom was the Chief Guest and Prof I C Verma, founder father of Clinical Genetics in India was the Guest of honour. Dr Verma in his keynote address stressed on role of genetics being central to all branches of medicine. Indeed genetics has a role in all disorders, but was worried that this has not been translated into the medical curriculum in India. He said “Fortunately recent advances in genetic technologies such as microarray studies, next gene sequencing, non-invasive prenatal diagnosis and new therapies based on better understanding of pathogenesis of genetic diseases have revolutionized the practice of medical genetics, bringing helix to health and base pairs to the bedside”.

Dr Priya Kishnani from USA, another doyen in genetic disorders’ therapeutics was conferred Dr S S Agarwal Oration. She deliberated in details on “Novel therapies for Genetic Disorders” in a very lucid and comprehensible style to the diverse audience.

Case based scenarios were discussed during major portion of the conference to emphasize algorithmic approach in dealing with genetic conditions for optimal utilization of resources keeping in mind principles of bioethics. All sessions and talk were lively, interactive and raised lot of enthusiastic query from the mesmerized audience.

To add further value to such meeting, interactive quiz was conducted and to our surprize it was the young generation of medical students who had the wide knowledge about the genetics. It remains to be seen whether this is just at the cognitive domain or will translate into practical application in public health. Essays on contemporary topics were also invited from young biomedical scientists.

The main highlight of the conference was encouragement for budding biomedical scientists from India to showcase their research work. Travel bursaries were provided to the winner as well as young scientists whose work has added significantly to the advancement of medical genetics. Competitive oral and poster presentations not only benefited the presenters but participants as well in innovative ideas. Dr Abhishek Omkar from Ophthalmology department AIIMS Jodhpur won the 2<sup>nd</sup> prize in oral papers.

The resources and proceedings on the conference website accessible at [www.iamgcon2015.in](http://www.iamgcon2015.in).



Inaugural session addressed by Prof Subha Phadke

## **Conference and academic activities organized under National Academy of Medical Sciences (India)**

Our Center has also been assigned responsibility of publishing of Annals from Jodhpur. Three issues of 2015 have already been published and 1 issue of 2016 is ready to be printed and distributed.

NAMS- AIIMS Symposium of Food safety held on 7<sup>th</sup> April 2015 was conducted quite well. A total of 232 registrations were done comprising of 144 delegates from outside and 92 from the institute. At the time of pre-test, approximately 140 questionnaires were distributed amongst all the participants present in the hall, but only 93 valid questionnaires returned to the organizers and were taken into consideration. During post-test session, only 70 delegates were present who participated in it. The questionnaires were then checked by the organizers and were matched through their last five digit mobile numbers mentioned on the questionnaire. Lastly only 67 participants were qualified for analysis purpose who participated in pre-test and post-test. The pre-test and post-test scores were compiled and entered in Microsoft excel 2010. The data was analysed using SPSS software version 21. The data was checked for its normality and paired t-test was used to see the difference of means of both the tests i.e pre-post of the symposium.

An article based on Symposium on Obesity was published in Bulletin Nutrition Foundation of India titled “Health Consequences of Childhood Obesity”

Successful webcast of the Inauguration of J S Bajaj Multipurpose Auditorium at NAMS to AIIMS Jodhpur on 27th November 2015. Attended by VII Semester MBBS Students, SRs in OBG, Pediatrics and Community Medicine & Family Medicine. Evaluation showed high satisfaction index, good audio-video quality, questioning and answering. Participants: MBBS Students VII Semester: 41; Senior Residents: 8; Faculty: 5 (Total Number 54). Pre test given by 41 Students and 3 SRs: Mean Score 11.54 (Minimum- 6; maximum- 23) Only 6 out of 54 participant students scored > 15. Post test given by 39 students: Mean score- 19.39 (Minimum SCORE- 15; maximum- 23). All 39 students (100 % ) had more than 15 scores. Thus the mean score improved from 11.54 to 19.39 and program evaluation also showed high satisfaction in all parameters.

# **Construction 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.

Construction work were in progress as on 31<sup>st</sup> March 2016.

### 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 <sup>st</sup> March 2016
I	M/s Consolidated Construction Consortium Ltd.	Medical College Complex Buildings	66.39	30.05.2010	29.08.2011	92.78%
II	M/s L & T Ltd.	Hospital Complex Buildings	217.09	16.09.2010	15.09.2012	92.93%
III	M/s Sudhir Gensets Ltd.	Electrical Services	43.38	19.08.2011	18.12.2012	99.50%
IV	M/s Jatan Construction Pvt. Ltd.	Estate Services	51.84	04.07.2012	03.07.2013	99.00 %

**DDPR Consultants** - M/s Mathur & Kapre Associates Pvt. Ltd.

**Project Consultants** - M/s Hospitech Management Consultants Pvt. Ltd.

**Package – I**  
**(Medical College Complex)**

<b>S.NO</b>	<b>NAME OF BUILDING</b>	<b>CONFIGURATION</b>	<b>TOTAL FLOOR (SQ.Metre)</b>
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)**

<b>S.NO</b>	<b>NAME OF BUILDING</b>	<b>CONFIGURATION</b>	<b>TOTAL FLOOR (SQM)</b>
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)**

<b>S.No.</b>	<b>DESCRIPTION OF ITEMS</b>	<b>REMARKS</b>
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)**

<b>S.NO</b>	<b>NAME OF BUILDING</b>	<b>CONFIGURATION</b>	<b>TOTAL FLOOR (SQM)</b>
1	Roads & Land Scape	Roads & Paths	43000 Sqm
2	Landscaping and Fountain Work	Horticulture	50000 Sqm
3	External Sewerage	HDPE Pipe Line	5000 Rmt
4	External Water Supply	DI/CPVC Pipe Line	5000 Rmt
5	External Fire Fighting	MS Pipe Line	8500 Rmt
6	Garden Irrigation System	HDPE Pipe Line	15700 Rmt
7	Pumps and Water Treatment Plants	Hydro pneumatic System	6 Sets
8	Bore Well	Borewell	3 Nos.
9	Sewage Treatment Plant	850 KLD MBR Based STP	850 KLD
10	Solar Hot Water System	5000 LPD & 2500LPD	6 + 2 = 8 Nos
11	External Lighting Works	External Lighting	For entire complex

**The construction of the Residential Complex and Hostels had been completed  
by M/s RSRDC**

**Faculty Houses**

<b>S.NO</b>	<b>NAME OF BUILDING</b>	<b>Description</b>
1	Type-V	24 Units
2	Type-IV	22 Units
3	Type-III	18 Units

**Staff Houses**

<b>S.NO</b>	<b>NAME OF BUILDING</b>	<b>Description</b>
1	Type-II	70 Units
2	Type-I	32 Units

**Hostel Blocks**

<b>S.NO</b>	<b>NAME OF BUILDING</b>	<b>No. of Rooms</b>
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





# **ALL INDIA INSTITUTE OF MEDICAL SCIENCES JODHPUR**

## **Financial Statement for the Financial Year 2015-16**

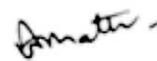


# ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR

## BALANCE SHEET AS AT 31st MARCH 2016

			(Amount - Rs.)	
S.No.	PARTICULARS	SCHEDULE	Current Year	Previous Year
<b><u>CORPUS / CAPITAL FUND AND LIABILITIES</u></b>				
a)	CORPUS / CAPITAL FUND	1	263,208,663	97,078,148
b)	RESERVES AND SURPLUS	2	-	-
c)	EARMARKED / ENDOWMENT FUNDS	3	2,311,570,483	688,812,555
d)	SECURED LOANS AND BORROWINGS	4	-	-
e)	UNSECURED LOANS AND BORROWINGS	5	-	-
f)	DEFERRED CREDIT LIABILITIES	6	-	-
g)	CURRENT LIABILITIES AND PROVISIONS	7	452,567,243	134,328,867
<b>TOTAL</b>			<b>3,027,346,389</b>	<b>920,219,570</b>
<b><u>ASSETS</u></b>				
a)	FIXED ASSETS	8	873,476,743	295,885,233
b)	INVESTMENTS	9	-	-
c)	INVESTMENTS - OTHERS	10	1,404,000,000	531,000,000
d)	CURRENT ASSETS, LOANS, ADVANCES ETC.	11	749,869,646	93,334,337
e)	MISCELLANEOUS EXPENDITURE (to the extent not written off for adjusted)		-	-
<b>TOTAL</b>			<b>3,027,346,389</b>	<b>920,219,570</b>
SIGNIFICANT ACCOUNTING POLICIES		24		
CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS		25		

For and on behalf of All India Institute of Medical Sciences, Jodhpur

  
Ashu Mathur  
Financial Advisor

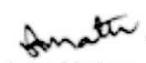
  
Dr. Sanjeev Misra  
Director

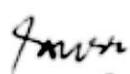
## ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR

### RECEIPTS AND PAYMENTS ACCOUNT FOR THE YEAR ENDED 31st MARCH 2016

		(Amount - Rs.)			
RECEIPTS	Current Year	Previous Year	PAYMENTS	Current year	Previous year
<b>I. Opening Balances</b>			<b>I. Expenses</b>		
a) Cash in hand	8,502	14,034	a) Establishment Expenses	419,789,997	343,086,751
b) Bank Balances	48,583,287	13,560,294	(corresponding to Sch.20)		
<b>II. Grants in Aid Received</b>			b) Administrative Expenses	192,593,520	128,791,714
a) From Government of India			(corresponding to Sch.21)		
For Capital	1,320,000,000	390,000,000	<b>II. Investments and deposits made</b>		
For Salary	470,000,000	292,500,000	Fixed Deposit	873,000,000	91,000,000
For General	410,000,000	140,000,000	(Investments - others)		
<b>III. Interest Received</b>			<b>III. Expenditure on Fixed Assets</b>		
a) On Bank Deposits	17,255,108	41,733,796	Purchase of Fixed Assets	238,148,329	266,790,737
<b>IV. Other Income (Specify)</b>			<b>IV. Advances</b>		
a) MBBS Fee	630,388	591,872	a) Faculty	100,000	183,000
b) Nursing Fee	156,940	182,025	b) National informatics centre	520,097	-
c) Blood Bank Receipts	2,374,000	177,550	c) Security with JVVNL	-	126,250
d) IPD Collection	2,948,890	457,165	e) Advance given to HLL/Vendors	200,000,000	22,073,854
e) Registration Fees	3,186,370	1,940,880	f) Research Cell	2,188,500	3,672,600
f) Consultancy Fees	1,471,750	846,950	g) CPWD	1,000,000	-
g) Lab Testing Fees	17,783,995	6,920,235	h) Security for Gas Connection	17,000	-
<b>V. Amount Borrowed/ Advance</b>			<b>V. Other Payments (Specify)</b>		
a) Security & EMD of Tenders	14,328,961	-	a) Security & EMD of Tenders	-	16,622,631
b) Advances for Treatment	4,595,901	1,112,000	b) Patient Treatment	-	560,000
c) Caution Money & Hostel Security	210,400	-	c) Duties and Taxes	1,298,465	-
d) National informatics centre	-	156,082	<b>VI. Closing Balances</b>		
<b>VI. Any other receipts</b>			a) Cash in hand	30,478	8,502
a) Tender receipts	376,000	301,000	b) Bank Balances	398,958,234	48,583,287
b) Application Money for Recruitment	871,613	11,253,559			
c) Mess receipts (Net)	9,308,247	19,398,820			
d) Other	3,554,268	353,063			
<b>TOTAL</b>	<b>2,327,644,620</b>	<b>921,499,326</b>	<b>TOTAL</b>	<b>2,327,644,620</b>	<b>921,499,326</b>

For and on behalf of All India Institute of Medical Sciences, Jodhpur

  
Ashu Mathur  
Financial Advisor

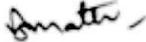
  
Dr. Sanjeev Misra  
Director

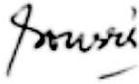
## ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR

### INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31st MARCH 2016

(Amount - Rs.)			
<b>INCOME</b>	Schedule	Current Year	Previous Year
Income from Sales / Services	12	27,765,005	10,342,780
Grants / Subsidies	13	590,502,812	454,306,904
Fees / Subscriptions	14	787,328	17,209,837
Income from Investments	15	-	-
Income from Royalty, Publication etc.	16	-	-
Interest Earned	17	121,883,238	49,024,194
Other Income	18	142,036,952	56,857,107
Increase / (decrease) in stock of Finished goods and works-in-progress	19	-	-
<b>TOTAL (A)</b>		<b>882,975,335</b>	<b>587,740,822</b>
<b>EXPENDITURE</b>			
Establishment Expenses	20	421,001,665	337,353,249
Other Administrative Expenses etc.	21	169,605,813	132,124,127
Expenditure on Grants, Subsidies etc.	22	-	-
Interest	23	-	-
Depreciation (Net Total at the year end - corresponding to Schedule 8)		139,970,435	53,528,317
<b>TOTAL (B)</b>		<b>730,577,912</b>	<b>523,005,693</b>
Balance being excess of Income over Expenditure (A - B)		152,397,423	64,735,129
Transfer to Special Reserve (Specify each)		-	-
Transfer to / from General Reserve		-	-
<b>BALANCE BEING SURPLUS/ (DEFICIT) CARRIED TO CORPUS / CAPITAL FUND</b>		<b>152,397,423</b>	<b>64,735,129</b>

For and on behalf of All India Institute of Medical Sciences, Jodhpur

  
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Financial Advisor

  
Dr. Sanjeev Misra  
Director

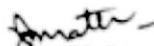
## ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR

### SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31st MARCH 2016

(Amount - Rs.)		
<b>SCHEDULE 1 - CORPUS / CAPITAL FUND :</b>	Current Year	Previous Year
Balance as at the beginning of the year	97,078,148	32,343,019
<b>Add:</b> Contribution towards Corpus / Capital Fund	-	-
<b>Add / (Deduct):</b> Balance of net income / (expenditure) transferred from Income and Expenditure Account	152,397,423	64,735,129
<b>Add:</b> Adjustment of Previous Year	13,733,092	-
<b>BALANCE AS AT THE YEAR - END</b>	<b>263,208,663</b>	<b>97,078,148</b>

(Amount - Rs.)				
<b>SCHEDULE 2 - RESERVES AND SURPLUS</b>	Current Year		Previous Year	
<b>1. Capital Reserve:</b>				
As per last Account	-		-	
Addition during the year	-		-	
Less : Deductions during the year	-		-	
<b>2. Revaluation Reserve:</b>				
As per last Account	-		-	
Addition during the year	-		-	
Less : Deductions during the year	-		-	
<b>3. Special Reserves :</b>				
As per last Account	-		-	
Addition during the year	-		-	
Less : Deductions during the year	-		-	
<b>4. General Reserve :</b>				
As per last Account	-		-	
Addition during the year	-		-	
Less : Deductions during the year	-		-	
<b>TOTAL</b>				

For and on behalf of All India Institute of Medical Sciences, Jodhpur

  
Ashu Mathur  
Financial Advisor

  
Dr. Sanjeev Misra  
Director

## ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR

### SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31st MARCH 2016

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
	Current Year	Previous Year	Current Year	Previous Year	Current Year	Previous Year		
a) Opening balance of the funds							688,812,555	352,340,872
b) Additions to the Funds:								
i) Donations / grants	295,885,233	82,622,813	392,927,322	269,718,059			1,762,728,362	390,000,000
ii) Income from investments made on account of funds	-	-	1,320,000,000	390,000,000			-	-
iii) Other additions	-	-	-	-			-	-
iv) Fund Received	717,561,943	266,790,737	-	-			717,561,943	266,790,737
<b>TOTAL (a + b)</b>	<b>1,013,447,176</b>	<b>349,413,550</b>	<b>1,712,927,322</b>	<b>659,718,059</b>			<b>3,169,102,860</b>	<b>1,009,131,609</b>
c) Utilisation / Expenditure towards objectives of funds								
i) Capital Expenditure								
- Fixed Assets	-	-	274,833,581	266,790,737			717,561,943	266,790,737
- Others	-	-	-	-			-	-
<b>Total</b>	<b>-</b>	<b>-</b>	<b>274,833,581</b>	<b>266,790,737</b>			<b>717,561,943</b>	<b>266,790,737</b>
ii) Revenue Expenditure								
- Salaries, Wages and allowances etc.	-	-	-	-			-	-
- Rent	-	-	-	-			-	-
- Other For Depreciation adjustment	139,970,434	53,528,317	-	-			139,970,434	53,528,317
<b>Total</b>	<b>139,970,434</b>	<b>53,528,317</b>	<b>274,833,581</b>	<b>266,790,737</b>			<b>857,532,377</b>	<b>320,319,054</b>
<b>TOTAL (c)</b>	<b>873,476,742</b>	<b>295,885,233</b>	<b>1,438,093,741</b>	<b>392,927,322</b>			<b>2,311,570,483</b>	<b>688,812,555</b>
<b>NET BALANCE AS AT THE YEAR END (a + b - c)</b>								

For and on behalf of All India Institute of Medical Sciences, Jodhpur

  
 Ashu Mathur  
 Financial Advisor

  
 Dr. Sanjeev Misra  
 Director

# ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR

## SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31st MARCH 2016

(Amount - Rs.)

<b>SCHEDULE 4 - SECURED LOANS AND BORROWINGS :</b>	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)	-	-	-	-
<b>TOTAL</b>	-	-	-	-

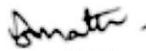
(Amount - Rs.)

<b>SCHEDULE 5 - UNSECURED LOANS AND BORROWINGS</b>	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)	-	-
<b>TOTAL</b>	-	-

(Amount - Rs.)

<b>SCHEDULE 6 - DEFERRED CREDIT LIABILITIES</b>	Current Year	Previous Year
a) Acceptances secured by hypothecation of capital equipment and other assets	-	-
b) Others	-	-
Unearned Mess Receipts		
<b>TOTAL</b>	-	-

For and on behalf of All India Institute of Medical Sciences, Jodhpur

  
Ashu Mathur  
Financial Advisor

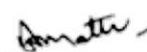
  
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Director

# ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR

SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31st MARCH 2016

		(Amount - Rs.)	
<b>SCHEDULE - 7 CURRENT LIABILITIES AND PROVISIONS</b>		Current Year	Previous Year
<b>A. CURRENT LIABILITIES</b>			
<b>1. Acceptances</b>			
-			
<b>2.undry Creditors</b>			
a) Consolidated Consortium Limited	1,608,240		-
b) Sudhir Gensets Limited	1,500,000	3,108,240	-
<b>3. Advances Received</b>			
-			
<b>4. Interest Accrued but not due on:</b>			
a) Secured Loans/Borrowings	-		-
b) Unsecured Loans/Borrowings	-		-
<b>5. Statutory liabilities:</b>			
a) Overdue	-		-
b) NPS Payable	-		712,017
c) TDS on Contract / Non Salary	-		148
d) TDS on Salary	-		11,300
e) Pension Scheme	-		575,000
<b>1,298,465</b>			
<b>6. Other Current Liabilities</b>			
a) EMD Deposites of Various Tenders	25,449,665		14,228,944
b) Unspent Grant in Aid payable to Central Government			
i) Under Salary Head	257,717,303		80,620,728
ii) Under General Head	98,667,521		-
c) Hostel Fees ( Refundable )	583,000		395,000
d) Caution Money (Refundable)	62,100		39,700
e) Unearned Mess Fees	15,773,127		6,464,880
f) Receipts for Patients Treatment from CMO/PMO	5,707,901		1,145,100
g) Application Fee for			
i) Faculty Recruitment	12,929		1,696,201
ii) Staff Recruitment	9,614,261		7,457,276
h) Others	2,294,750	415,882,557	-
<b>112,047,829</b>			
<b>TOTAL (A)</b>		<b>418,990,797</b>	<b>113,346,294</b>
<b>B. PROVISIONS</b>			
1. For Taxation			
2. Others			
a) Electricity Expenses	4,270,872		1,450,000
b) Water Expenses	170,095		200,000
c) Telephone Expenses	125,000		54,175
d) Transport Expenses	1,207,510		1,207,950
e) Manpower Services	8,137,801		7,153,869
f) Security Services	3,813,868		3,586,132
g) Mess Service Expenses	-		1,405,158
h) Repair & Maintenance	1,956,506		5,925,289
i) Washing Expenses	82,245		-
j) Provision for Furniture	846,545		-
k) Provision for HVAC O&M Pk- II	4,900,000		-
l) Provision for Estate Services Pk - IV	8,066,004		-
<b>33,576,446</b>			
<b>20,982,573</b>			
<b>TOTAL (B)</b>		<b>33,576,446</b>	<b>20,982,573</b>
<b>TOTAL (A + B)</b>		<b>452,567,243</b>	<b>134,328,867</b>

For and on behalf of All India Institute of Medical Sciences, Jodhpur

  
Ashu Mathur  
Financial Advisor

  
Dr. Sanjeev Misra  
Director

# ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR

SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31st MARCH 2016

## 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 20th Sep)	Additions during the year (After 20th Sep)	Cost / valuation at the year-end	Deductions during the year	As at the beginning of the year	On Additions during the year	On Deductions during the year	On Balance as on 1.4.15	Total up to the year-end	As at the current year-end	As at the previous year-end
<b>FIXED ASSETS</b>													
(AND / Leasehold Land)													
<b>Buildings</b>													
JANITORY MACHINERY & EQUIPMENT	15.00%	168,837.873	375,676.977	42,537.872.00	418,214.849	-	587,052.522	15,465.214	48,234.996	-	87,706.080	496,346.442	153,372.459
JANITORY MACHINERY & EQUIPMENT (LIFE SAVING EQUIPMENT)	40.00%	44,354.736	-	-	-	-	44,354.736	9,982.256	-	-	23,731.249	20,623.489	34,372.482
VEHICLES													
FURNITURE FIXTURES	10.00%	63,354.226	64,132.311.00	10,719.787.00	74,852.078	-	138,206.304	7,183.684	13,522.356	-	26,305.056	111,901.209	56,190.542
OFFICE EQUIPMENT	15.00%	17,076.030	465,060.00	3,440,259.00	3,905,339	-	20,961.369	3,510.304	327.781	-	5,872.844	15,108.425	13,565.726
SCIENTIFIC EQUIPMENTS	15.00%	23,038.285	154,267.00	43,050.00	187,317	-	24,135.602	4,708.553	26,369	-	7,819.382	16,516.220	19,229.732
COMPUTER / PERIPHERALS	60.00%	52,544.007	11,178.218.00	6,360.814.00	17,338.032	-	70,083.039	33,388.713	8,815.175	-	53,497.464	16,580.575	19,154.294
ELECTRIC INSTALLATIONS													
LIBRARY BOOKS	100.00%	8,370.311	9,300,927.00	314,037.00	9,614,964	-	17,865.275	8,370.311	9,457.946	-	17,828.257	157,019	-
OTHER FIXED ASSETS													
<b>TOTAL OF CURRENT YEAR</b>		<b>378,476,279</b>	<b>466,967,781</b>	<b>63,415,799</b>	<b>624,223,689</b>	<b>-</b>	<b>962,798,869</b>	<b>82,890,836</b>	<b>81,184,823</b>	<b>-</b>	<b>222,660,479</b>	<b>680,238,360</b>	<b>296,886,236</b>
<b>PREVIOUS YEAR</b>		<b>111,684,833</b>	<b>36,229,839</b>	<b>250,861,188</b>	<b>266,796,737</b>	<b>-</b>	<b>378,476,279</b>	<b>29,061,718</b>	<b>33,883,819</b>	<b>-</b>	<b>82,690,836</b>	<b>296,886,233</b>	<b>82,422,813</b>
<b>PARTIAL WORK-IN-PROGRESS</b>		<b>-</b>	<b>80,849,198</b>	<b>142,289,165</b>	<b>193,238,363</b>	<b>-</b>	<b>193,238,363</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>193,238,363</b>	<b>-</b>
<b>TOTAL</b>		<b>378,476,279</b>	<b>811,688,879</b>	<b>295,704,964</b>	<b>717,661,943</b>	<b>-</b>	<b>1,096,037,213</b>	<b>82,890,836</b>	<b>81,184,823</b>	<b>-</b>	<b>222,660,479</b>	<b>873,476,743</b>	<b>296,886,236</b>

For and on behalf of All India Institute of Medical Sciences, Jodhpur

  
 Ashu Mathur  
 Financial Advisor

  
 Dr. Sanjeev Misra  
 Director

## ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR

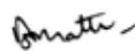
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31st MARCH 2016

(Amount - Rs.)		
<b>SCHEDULE 9 - INVESTMENTS FROM EARMARKED/ENDOWMENT FUNDS</b>	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	-	-
<b>TOTAL</b>	-	-

(Amount - Rs.)		
<b>SCHEDULE 10 - INVESTMENTS - OTHERS</b>	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	1,404,000,000	531,000,000
<b>TOTAL</b>	1,404,000,000	531,000,000

(Amount - Rs.)		
<b>SCHEDULE 11 - CURRENT ASSETS, LOANS AND ADVANCES ETC.</b>	Current Year	Previous Year
<b>A. CURRENT ASSETS</b>		
1. <b>Inventories</b>		
a) Stores	21,961,906	-
2. <b>Sundry Debtors:</b>		
a) Debts outstanding for a period exceeding six months	-	-
a) Others	-	-
3. <b>Cash balances in hand</b>	30,478	8,502
4. <b>Bank Balances</b>		
a) With Scheduled Banks:	398,958,234	48,583,287
5. <b>Post Office Savings Accounts</b>		-
<b>TOTAL (A)</b>	420,950,618	48,591,789
<b>B. LOANS, ADVANCES AND OTHER ASSETS</b>		
1. <b>Loans :</b>		
a) Staff		
b) Other Entities engaged in activities/objectives similar to that of the Entity		
2. <b>Advances and other amounts recoverable in cash or in kind or for value to be received</b>		
a) On Capital Account(National Informatics Centre)	810,962	290,865
b) Others(Security Deposit with JVVNL)	643,000	643,000
c) Advance given to AIIMS, Patna for faculty recruitment	319,012	1,540,555
d) Security With BSNL	5,000	5,000
e) Research cell	5,861,100	3,672,600
f) Advances for equipment	-	22,073,854
g) CPWD	1,000,000	-
h) Security Deposit for Gas Connection	17,000	-
i) HLL Lifecare Limited	200,000,000	-
j) <b>Advances to faculty</b>		
a) Faculty	100,000	108,000
b) Staff	-	75,000
3. <b>Income Accrued :</b>		
a) Accrued Interest Income	120,162,954	15,534,824
4. <b>Claim Receivables</b>		
a) Prepaid Exp.	-	798,850
<b>TOTAL (B)</b>	328,919,028	44,742,548
<b>TOTAL (A + B)</b>	749,869,646	93,334,337

For and on behalf of All India Institute of Medical Sciences, Jodhpur

  
Ashu Mathur  
Financial Advisor

  
Dr. Sanjeev Misra  
Director

# ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR

## SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31st MARCH 2016

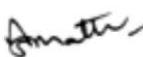
(Amount - Rs.)

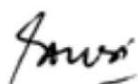
<b>SCHEDULE 12 - INCOME FROM SALES / SERVICES</b>	<b>Current Year</b>	<b>Previous Year</b>
<b>1. Income from Sales</b>		
a) Sale of Finished Goods	-	-
b) Sale of Raw Material	-	-
c) Sale of Scraps	-	-
<b>2. Income from Services</b>		
a) Labour and Processing Charges	-	-
b) Professional / Consultancy charges	-	-
c) Agency Commission and Brokerage	-	-
d) Maintenance Services (Equipment / Property)	-	-
e) Others	-	-
1) Lab testing fees	17,783,995	6,920,235
2) Registration fees	3,186,370	1,940,880
3) IPD Collection	2,948,890	457,165
4) Blood Bank receipts	2,374,000	177,550
5) Consultancy fees	1,471,750	846,950
<b>TOTAL</b>	<b>27,765,005</b>	<b>10,342,780</b>

(Amount - Rs.)

<b>SCHEDULE 13 - GRANTS / SUBSIDIES</b> (Irrevocable Grants & Subsidies Received)	<b>Current Year</b>	<b>Previous Year</b>
<b>1) Central Government</b>		
A) Under General head	311,332,479	218,109,463
B) Under Salary head	279,170,333	236,197,441
<b>TOTAL</b>	<b>590,502,812</b>	<b>454,306,904</b>

For and on behalf of All India Institute of Medical Sciences, Jodhpur

  
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## ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR

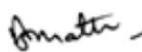
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31st MARCH 2016

SCHEDULE 14 - FEES / SUBSCRIPTIONS	(Amount - Rs.)	
	Current Year	Previous Year
1) Entrance and Mess Fees		
a) MBBS Fees	630,388	477,372
b) Nursing Fees	156,940	119,325
c) Mess Receipts	0	16,613,140
<b>TOTAL</b>	<b>787,328</b>	<b>17,209,837</b>

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)	-	-	-	-
<b>TOTAL</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

SCHEDULE 16 - INCOME FROM ROYALTY, PUBLICATION ETC.	(Amount - Rs.)	
	Current Year	Previous Year
1) Income from Royalty	-	-
2) Income from Publications	-	-
3) Others (specify)	-	-
<b>TOTAL</b>	<b>-</b>	<b>-</b>

For and on behalf of All India Institute of Medical Sciences, Jodhpur

  
Ashu Mathur  
Financial Advisor

  
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# ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR

## SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31st MARCH 2016

<b>SCHEDULE 17 - INTEREST EARNED</b>	(Amount - Rs.)	
	Current Year	Previous Year
1) On Term Deposits		
a) With Scheduled Banks	121,883,238	49,024,194
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	-	-
<b>TOTAL</b>	<b>121,883,238</b>	<b>49,024,194</b>

<b>SCHEDULE 18 - OTHER INCOME</b>	(Amount - Rs.)	
	Current Year	Previous Year
1) Miscellaneous Income		
A) Tender receipts	376,000	301,000
B) Application Fees for Recruitment	397,900	2100083
C) Licence Fees for Staff Quarters	574,063	556,644
D) Deferred income for depreciable fixed assets	139,970,434	53,528,317
E) Other receipts	718,555	371063
<b>TOTAL</b>	<b>142,036,952</b>	<b>56,857,107</b>

<b>SCHEDULE 19 - INCREASE / (DECREASE) IN STOCK OF FINISHED GOODS &amp; WORK IN PROGRESS</b>	(Amount - Rs.)	
	Current Year	Previous Year
a) Closing Stock		
-- Finished Goods	-	-
-- Work-in-progress	-	-
b) Less: Opening Stock		
- Finished Goods	-	-
- Work-in-progress	-	-
<b>NET INCREASE / (DECREASE) [a - b]</b>	<b>-</b>	<b>-</b>

For and on behalf of All India Institute of Medical Sciences, Jodhpur

  
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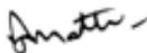
# ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR

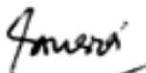
## SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31st MARCH 2016

(Amount - Rs.)		
<b>SCHEDULE 20 - ESTABLISHMENT EXPENSES</b>	<b>Current Year</b>	<b>Previous Year</b>
a) Salaries and Wages	260,200,105	217,645,454
b) Allowances	7,238,625	7,418,000
c) Contribution to New Pension Scheme	8,966,823	8,419,235
d) Staff Welfare Expenses	-	-
e) Honorarium/ Special Allowances	117,000	234,000
f) Outsourcing Agency Expenses		
1. Man power services	96,715,852	67,903,039
2. Security services	45,115,480	33,252,769
g) Leave Travel Concession	2,292,425	2,157,772
h) Medical Reimbursement Claim	355,355	322,980
<b>TOTAL</b>	<b>421,001,665</b>	<b>337,353,249</b>

(Amount - Rs.)		
<b>SCHEDULE 21 - OTHER ADMINISTRATIVE EXPENSES ETC.</b>	<b>Current Year</b>	<b>Previous Year</b>
a) Advertisement Expenses	6,707,273	2,773,514
b) Electricity Expenses	50,927,652	22,219,102
c) Water Charges	4,911,634	3,010,485
d) Bank Charges	7,454	18,126
e) Repairs and Maintenance	23,948,235	23,847,319
f) Departmental Expenses	2,308,109	4,376,076
g) Transport Expenses	14,533,447	10,880,021
h) Postage and Telephone charges	1,754,101	2,299,019
i) Printing and Stationery	4,159,464	1,759,718
j) Lab & Consumable exp.	24,291,056	4,882,726
k) Registration and Membership fees	1,067,348	755,239
l) Travelling Allowance	13,069,765	10,885,928
m) Misc Expenses	-	13,418,397
n) Office Expenses	2,743,301	1,612,295
o) Misc. Expenses	1,157,233	1,253,024
p) Recruitment Exp.	1,221,543	1,526,319
q) Chemicals & Consumable for OPD & IPD	14,635,382	19,248,714
r) E- Journal	-	6,824,205
s) Audit Fee	316,025	-
t) Washing and Cleaning Expenses	934,991	-
u) Examiners Remuneration & Honorarium	911,800	533,900
<b>TOTAL</b>	<b>169,605,813</b>	<b>132,124,127</b>

For and on behalf of All India Institute of Medical Sciences, Jodhpur

  
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Director

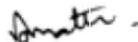
## ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR

SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31st MARCH 2016

<b>SCHEDULE 22 - EXPENDITURE ON GRANTS, SUBSIDIES ETC.</b>	(Amount - Rs.)	
	Current Year	Previous Year
a) Grants given to Institutions / Organisations	-	-
b) Subsidies given to Institutions / Organisations	-	-
<b>TOTAL</b>	-	-
<b>Note</b> :- Name of the Entities, their Activities along with the amount of Grants / Subsidies are to be disclosed		

<b>SCHEDULE 23 - INTEREST</b>	(Amount - Rs.)	
	Current Year	Previous Year
a) On Fixed Loans	-	-
b) On Other Loans (including Bank Charges)	-	-
c) Others (specify)	-	-
<b>TOTAL</b>	-	-

For and on behalf of All India Institute of Medical Sciences, Jodhpur

  
Ashu Mathur  
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 2016

## **SCHEDULE 24 - SIGNIFICANT ACCOUNTING POLICIES**

### **1. ACCOUNTING CONVENTION**

The financial statements are prepared on the basis of historical cost convention, unless otherwise stated and on the accrual method of accounting.

### **2. Inventory Valuation**

Stores are physically verified by the Committee and valued at cost. Stores includes Medicines, Consumables, Chemicals, Kits, Linen, Glassware and plastic items etc.

### **2. GRANTS/SUBSIDIES**

2.1 Grant-in-aid is received from Ministry of Health and Family Welfare, Govt. of India (PMSSY Scheme).

2.2 Grant/Subsidies includes Grant-in-aid (General head), Grant-in-aid (Salary head) and Grant-in-aid (Creation of Capital Assets).

2.3 Capital grant is transferred to Earmarked funds to the extent fixed assets have been created.

2.4 Grants from the Central Government are accounted for on realization basis for the financial year 2015-16.

2.5 Unspent Grants have been transferred to Current Liabilities at the end of financial year 2015-16.

### **3. FIXED ASSETS**

3.1 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 .

3.2 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.

3.3 Equipments and Furniture which were procured by HLL Lifecare Ltd.(PSA of MoHFW) and supplied to the Institute have been included in the books of the Institute in current Financial Year on the basis of Final Acceptance Certificate after making appropriate adjustments for depreciation for the previous years. Equipments for which Final Acceptance Certificate is not issued till 31.03.2016 have been taken to Capital Work-in-progress.

3.4 Fixed Assets include 100 acres of Leasehold Land received from Jodhpur Development Authority on 99 years lease at nominal value of Rs.1 only.

### **4. DEPRECIATION**

4.1 Depreciation is provided on written-down value method as per rates specified in the Income Tax Act, 1961.

4.2 In respect of additions to / deductions from fixed assets during the year, depreciation 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.

4.3 Equipments and furniture supplied to the institute by HLL Lifecare Ltd. (PSA of MoHFW) have been depreciated from the date of installation (ready to use). Depreciation of previous years, on the assets have been collectively booked in current financial year. Depreciation have been charged on these equipments for the Financial Year 2013-14 for Rs 14,71,016; for the Financial Year 2014-15 for Rs. 77,63,562 and for the Financial Year 2015-16 for Rs 3,11,80,827. Depreciation have been charged on Furniture for the Financial Year 2013-14 for Rs 37,60,336; for the Financial Year 2014-15 for Rs 33,84,303 and for the Financial Year 2015-16 for Rs 30,45,872.

### **5. FOREIGN CURRENCY TRANSACTION**

5.1 Transaction denominated in foreign currency are accounted at the exchange rate prevailing at the date of transaction.

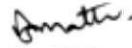
5.2 There have been foreign currency contract for purchase of equipment worth Rs 2,04,41,176 (approx.) under Letter of Credit agreements and Rs 41,16,743 for E-journals during the year.

*Amater* *Joshi*

6. **REVENUE RECOGNITION**

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



Ashu Mathur  
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 2016

## **SCHEDULE 25 - CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS**

### **1. CONTINGENT LIABILITIES**

Amount outstanding against Letter of Credit at the end of year was about Rs. 20,70,814.

### **2. CURRENT ASSETS, LOANS AND ADVANCES**

2.1 The current assets, loans and advances have a value on realization in the ordinary course of business equal to the aggregate amount shown in the Balance Sheet.

2.2 An advance of Rs. 20 crores have been given to HLL Lifecare Ltd. (PSA of MoHFW) for supply of various medical equipments.

### **3. TAXATION**

The Institute is exempt under Section 10(23C)(iii)(c) of the Income Tax Act, 1961. Therefore, no provision for taxation is required.

### **4. FEES / SUBSCRIPTIONS**

Fees includes academic fees charged from students of MBBS & Nursing courses. Mess expenses have been adjusted from Mess receipts and balance Mess Receipts have been carried forward to next financial year.

### **5. INTEREST EARNED**

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 AIIMS 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 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.

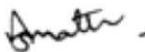
9. The value of building has not been accounted for in books of accounts of the Institute for which the payments has been made by MoHFW directly. However, as per MoHFW direction, part payment for construction of building has been made during the year by the Institute, which has been shown as Capital 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.

*Amater - Jansin*

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 2016.

For and on behalf of All India Institute of Medical Sciences, Jodhpur

  
Ashu Mathur  
Financial Advisor

  
Dr. Sanjeev Misra  
Director

# **AIIMS in News**

# पूरी तरह पेपरलेस होगा एम्स

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केंद्रीय चिकित्सा मंत्री जेपी नड्डा के शनिवार को एम्स के कम्प्यूटराइज्ड पोशेंट मैनेजमेंट सिस्टम का उद्घाटन करने के बाद अब यहां आने वाले हर मरीज की रिपोर्ट ऑन लाइन रहेगी। साथ ही एक विभाग से दूर इभाग में मरीज को रेफर करने पर मरीज को बार-बार फाइल लेकर इधर-उधर घूमने की जरूरत नहीं पड़ेगी। कम्प्यूटर के एक क्लिक पर मरीज का सारा डाटा रेफर किए हुए विभाग में मिल जाएगा। मरीज से संबंधित सारी जानकारी भी ऑनलाइन रहेगी। जिस मरीज खुद वा उसके परिजन पर बैठे भी अपनी रिपोर्ट का प्रिंट ले सकेंगे।

## नहीं करना पड़ेगा दो महीने तक इंतजार

एम्स में सेंट्रल लैबोरेट्री ब्लॉक शुरू होने से अब टीबी जैसी बीमारी की रिपोर्ट के लिए दो महीने तक इंतजार नहीं करना पड़ेगा। बल्कि यह रिपोर्ट 40 दिन में ही मिल जाएगी। इसके अलावा क्रोमायोलॉजी, पैथोलॉजी, बायो-केमिस्ट्री के परीक्षणों की रिपोर्ट भी अतिआधुनिक मशीनों द्वारा की जाएगी। इन रिपोर्ट की जांच में ज्यादा एक्चुरेसी होगी। एम्स में शुरू होने वाली सेंट्रल लैबोरेट्री ब्लॉक में ये सुविधाएं लोगों को मिलने से आमजन को काफी फायदा होगा।

## खुद बैंक में रहेगा खुन का रिपोर्ट

एम्स में कितना खून किस रूप का मौजूद है, उसका भी सारा डाटा ऑनलाइन रहेगा। इसके साथ ही शहर के तीन सरकारी अस्पतालों से भी इसे जोड़ा जा रहा है। इससे सरकारी अस्पतालों में किस रूप का कितना खून है, उसकी भी सारी जानकारी आमजन को ऑनलाइन मिल जाएगी।



एम्स में कम्प्यूटराइज्ड पोशेंट मैनेजमेंट सिस्टम का उद्घाटन करते केंद्रीय मंत्री जेपी नड्डा।

पत्रिका

## केंद्रीय स्वास्थ्य मंत्री का भाजपा की ओर से स्वागत

# ‘आर्थिक रूप से सशक्त हुआ देश’

जोधपुर केंद्रीय स्वास्थ्य मंत्री एवं प्रदेश भाजपा के प्रभारी जे पी नड्डा के जोधपुर आगमन पर भाजपा जिला जोधपुर शहर की ओर से शास्त्रीनगर स्थित स्टेनलेस स्टील एसीसिएशन हॉल में स्वागत किया गया। केंद्रीय स्वास्थ्य मंत्री जे पी नड्डा ने कहा कि प्रधानमंत्री नरेन्द्र मोदी के नेतृत्व में सरकार ने एक वर्ष के अपने अल्प शासन काल में ही देश को महंगाई एवं कम विकास दर से बाहर निकालकर एक मजबूत आर्थिक एवं राजनीतिक रूप से सशक्त देश के रूप में खड़ा किया है। यह सब कुछ भाजपा कार्यकर्ताओं की मेहनत के फल पर ही संभव हुआ है। जिलाध्यक्ष देवेन्द्र जोशी ने केंद्रीय स्वास्थ्य मंत्री से जोधपुर में बेहतर स्वास्थ्य सेवाओं के लिए और अधिक राशि का आवंटन करने की यांग रखी ताकि जोधपुरवासियों को इलाज



स्टील भवन में मुख्य कार्यकर्ताओं को संबोधित करते केंद्रीय स्वास्थ्य मंत्री जेपी नड्डा।

पत्रिका

के लिए बाहर नहीं जाना पड़े। कार्यक्रम में जोधपुर के प्रभारी मंत्री गजेन्द्र सिंह खीबसर, जोधपुर सांसद गजेन्द्र सिंह शेखावत, धौलपुर सांसद मनोज राजोरिया, पाली सांसद पीपी चौधरी, राज्यसभा सदस्य नारायण पंचारिया एवं रामनारायण दुहरे, केंद्रीय ऊन बोर्ड के चेयरमैन जसवंत सिंह विरनोई, विधायक सूर्यकांत ज्यस, कैलाश भंसाली, कमसा मेघवाल,

पम्बाराम विरनोई, महापौर धनराम औझा, उप महापौर देवेन्द्र सलेचा, जिला प्रमुख पुनराम चौधरी, बाइभेर भाजपा के जिलाध्यक्ष जालम सिंह रावतसोत, महिला मोर्चा के प्रदेशाध्यक्ष बनिता सेठ सहित बड़ी संख्या में भाजपा कार्यकर्ता उपस्थित थे। संस्थान जिला महामंत्री श्रीकिशन सुधार ने व जिला महामंत्री मुकेश लोधा ने आभार जताया।

## हालों-हाल बनाकर दिया कार्ड

कार्यक्रम के दौरान अमरकल प्रशासन ने हावों-हाव राज्य के स्वास्थ्य मंत्री राजेंद्र सिंह राठीड़ और उद्योग मंत्री गजेन्द्र सिंह खीबसर का ओपीडी कार्ड बनाकर दिया। यह कार्ड एक साल तक वैध रहेगा।

## 21 जून को मनाएंगे योग दिवस

नड्डा ने कहा कि 21 जून को योग दिवस मनाया जाएगा। इस दिन 2 लाख लोगों को योग से पहले और बाद में खून की जांच की जाएगी। इससे यह पता लगाया जाएगा कि योग करने के बाद उनकी बीबी में क्या चीज आया है।

## एक नजर में समझें कैसे होगा ऑनलाइन पोशेंट मैनेजमेंट

- मरीज अपनी जांच करवाने आया तो उसका ओपीडी कार्ड बनेगा।
- यह कार्ड तीन महीने तक वैध रहेगा।
- डॉक्टर द्वारा जांच करने पर उसका सारा रिपोर्ट अस्पताल के डाटा सेंटर में स्टोर हो जाएगा।
- इसके बाद मरीज को दूसरी बार आने पर कोई फाइल रखने की जरूरत नहीं पड़ेगी।
- अगर मरीज को रेफर किया जाएगा तो उसका सारा डाटा दूसरे स्थान में पहुंच जाएगा।
- यह सारी जानकारी मरीज पर बैठे भी ऑन लाइन ले सकेंगे।

## एम्स के नामकरण के मामले में संतोषजनक जवाब नहीं

कार्यक्रम के दौरान राज्य के चिकित्सा मंत्री राजेंद्र सिंह राठीड़ ने एक बार फिर एम्स का नाम मीरा के नाम पर करने का प्रस्ताव केंद्रीय स्वास्थ्य मंत्री जेपी नड्डा के समक्ष रखा। इस पर नड्डा ने कहा कि इस मुद्दे पर विचार करने को ही निर्णय लिया जाएगा। हालांकि उन्होंने यह बात जरूर कही कि जोधपुर एम्स को किसी प्रकार से धन की कमी नहीं आने दी जाएगी।

## मैगी के बारे में बोलने से बचते रहे नड्डा

कार्यक्रम के बाद पत्रकारों ने जब केंद्रीय स्वास्थ्य मंत्री जेपी नड्डा से पूछा कि मैगी की रोक के मुद्दे पर आपका क्या कहना है तो नड्डा जवाब दिए बिना ही वहां से निकल गए। उनसे बार-बार पूछने पर भी उन्होंने इस बात पर अपनी कोई प्रतिक्रिया नहीं दी और गाड़ी में बैठकर वहां से रवाना हो गए।

# एम्स में सेंट्रल लैब, पीएमआर व एचआईएस का लोकार्पण आज

जोधपुर। केंद्रीय स्वास्थ्य एवं परिवार कल्याण मंत्री जेपी नड्डा शनिवार दोपहर को जोधपुर पहुंचे और अखिल भारतीय आयुर्विज्ञान संस्थान (एम्स) में सेंट्रल लैब, फिजिकल मेडिसिन एंड रिहबिलिटेशन सेंटर (पीएमआर), ब्लड बैंक और हॉस्पिटल इन्फॉर्मेशन सिस्टम (एचआईएस) का औपचारिक लोकार्पण करेंगे। इसके साथ ही वे एम्स में मरीजों को मिल रही सुविधाओं का निरीक्षण भी करेंगे। वहीं प्रदेश के स्वास्थ्य मंत्री राजेंद्र राठीड़ भी उनके दौरे को

देखते हुए सुक्रवार देर रात जोधपुर पहुंच गए। वे शनिवार को चिकित्सा विभाग व मेडिकल कॉलेज के अस्पतालों में एक दर्जन से अधिक शिलान्यास व उद्घाटनों में भाग लेंगे। (सर्जरी विभाग) अध्यक्ष व प्रोफेसर डॉ. अजय मालवीय ने अपने प्रयासों से प्री ऑपरेटिव चार्ज रिनोवेट करवाया है। इसमें उनके पिता रामनारायण मालवीय व भाई संजय ने सहयोग कर पूरा चार्ज रिनोवेट किया। इसमें एसी के साथ एंटी बैक्टीरियल टाइल व फाल सिलिंग भी लगाया है।

इनका लोकार्पण व शिलान्यास होगा। महाराज गौरी अस्पताल में एमआरआई, सीटी स्कैन, रडिओलॉजी और ऑपरेटिव चार्ज, बर्न यूनिट, सीसीयू का न्यू बर्नल और न्यू ओपीडी विंग में फिजिकल का उद्घाटन सुबह आठ बजे होगा। सुरसगर अस्पताल के नए भवन का लोकार्पण के तुरंत बाद उसके अस्पताल में लया करेड की लगातार से रैक्टर जल्दी शुरू का दो चार्ज का लोकार्पण होगा। फिर केवल चैम्बर अस्पताल में पेट मेडिकल कॉलेज के भवन का शिलान्यास, मधुदास जगदुर अस्पताल के ट्रेज सेंटर में लगी गई सीटी स्कैन व एचडीओ की बनावट दर्जहाला का लोकार्पण किया जाएगा। मेडिकल कॉलेज में लहडहरी का लोकार्पण भी होगा।



