MAULANA AZAD MEDICAL COLLEGE & Associated Hospitals

61st Annual Report 2019
61st College Annual Report
2019

MAULANA AZAD MEDICAL COLLEGE
&
ASSOCIATED HOSPITALS
NEW DELHI - 110002

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Fax : 011-23235574
E-mail : deanmamc.2012@gmail.com
Website : www.mamc.ac.in
It is a great honour and privilege for me to present the annual report 2019 of the Maulana Azad Medical College (MAMC) and its associated Lok Nayak Hospital / GB Pant Institute of Postgraduate Medical Education & Research / Guru Nanak Eye Centre on the occasion of 61st Annual Day. MAMC is a premier Medical College of the Country. We are committed to training the next generation of physician-scientists, while setting the highest standards for patient care and research.

This year the new competency based curriculum has been introduced with MBBS 1 year students. Several academic activities have been undertaken towards integration of Medical Education in the year 2019. The college has been striving to improve the teaching and training methods, especially with a view to incorporate AETCOM & e-learning methods. The faculty has contributed significantly both Nationally and Internationally. The Institution has also been working to improve the infrastructure facilities & making the campus green and environmentally friendly. Several projects have been initiated towards this end & many have been successfully completed.

I believe this Annual Report will provide a showcase of the various activities which have taken place this year.

(Prof) Dr. Sushil Kumar
Dean, MAMC
Dean’s Message

It is a great honour and privilege for me to present the annual report 2019 of the Maulana Azad Medical College (MAMC) and its associated Lok Nayak Hospital / GB Pant Institute of Postgraduate Medical Education & Research / Guru Nanak Eye Centre on the occasion of 61st Annual Day. MAMC is a premier Medical College of the Country. We are committed to training the next generation of physician-scientists, while setting the highest standards for patient care and research.

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I believe this Annual Report will provide a showcase of the various activities which have taken place this year.

(Prof ) Dr. Sushil Kumar
Dean, MAMC
Head of the Hospitals

Dr. Achal Gulati  
Medical Director  
G B Pant Institute of Postgraduate  
Medical Education & Research  
(GIPMER)

Dr. Kishor Singh  
Medical Director  
Lok Nayak Hospital

Dr. Ritu Arora  
Director  
Guru Nanak Eye Centre

Dr. Sangeeta Talwar  
Director Principal  
Maulana Azad Institute of  
Dental Science (MAIDS)
Head of the Departments

Dr. Kirti Nath Saxena  
Anaesthesiology

Dr. Sabita Mishra  
Anatomy

Dr Vishnu Datt  
Anesthesiology (GIPMER)

Dr. B. C. Koner  
Biochemistry

Dr. Manju Subberwal  
Biochemistry (GIPMER)

Dr. Saibal Mukhopadhyay  
Cardiology (GIPMER)

Dr. Nandini Sharma  
Community Medicine

Dr. M A Geelani  
CTVS (GIPMER)

Dr. Bijaya Laxmi Sahoo  
Dermatology & STD

Dr. Ishwar Singh  
ENT

Dr. Anil Kumar Mittal  
Forensic Medicine

Dr. Anil Agarwal  
G.I. Surgery (GIPMER)
ANNUAL REPORT COMMITTEE

Dr. Aarti Sood Mahajan  
Convenor

Dr. Daljeet Singh  
Member

Dr Debasish Chowdhury  
Member

Dr Nita Khurana  
Member

Dr Preeti Jain  
Member

Dr Nidhi Verma  
Member

Shri Rajesh Sachdeva  
Registrar (Academic)

Shri Yuganshu Luthra  
Academic Section

Shri Baby M. P.  
Research Cell

Shri Devanand  
Academic Section

Shri Sohan Singh Rawat  
Photography Section
Previous Annual Day
International Yoga Day
STUDENTS ACTIVITIES

International Yoga Day
Competency based Curriculum

New Beginnings – Batch 2019
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<td>G. B. Pant Institute of Post Graduate Medical Education and Research</td>
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C. MAULANA AZAD INSTITUTE OF DENTAL SCIENCES 267
Maulana Azad Medical College & associated hospital complex consists Maulana Azad Medical College, Lok Nayak Hospital, GIPMER and Guru Nanak Eye Centre and Maulana Azad Dental College & Hospital. The college was established 23 years after the commissioning of the Irwin Hospital, a well-established general hospital drawing patients mainly from Delhi and from neighbouring states of Punjab, Haryana, Uttar Pradesh, Himachal Pradesh & Rajasthan. This ideally situated general hospital, with long years of reputation paved the way for realization of this medical college. The College made its humble beginning in hospital block of Irwin (Lok Nayak) hospital in 1958. In 1964, Govind Ballabh Pant was added to the complex to provide training facilities and super-specialties. It is renamed in 2014 as GB Pant Institute of Post Graduate Medical Education and Research. The Guru Nanak Eye Centre came into existence on 20th December 1977 with the commissioning of a separate Out Patient Department for ophthalmic disease.

The college is named after a great patriot and educationist, Maulana Abul Kalam Azad. The foundation of main building of the college was laid by Pandit Govind Ballabh Pant, the then Home Minister of India on 24th October 1959. The building was declared open by the 1st Prime Minister of India, Pandit Jawahar Lal Nehru on February 26, 1961. Since its foundation, the college has successfully trained 9083 Medical Graduates, and 4746 Post Graduates. The College has now completed 60 years and has emerged as one of the premier medical institutions of India.

The steady growth of MAMC is the outcome of sound traditions, established by the leadership in the formative years, reinforced with a relentless and continuing struggle by the dedicated faculty and the disciplined students. The primary aim of this institution is to produce competent basic doctors, specialists and super specialists. It has endeavored to promote all facilities conducive to learning and furtherance of knowledge by:

- Contribution towards national health care delivery system by providing efficient and expert medical services through the associated hospitals.
- Establishing routine and specialized laboratories of excellence and other investigative facilities.
- Pursuance of objectives of medical education by improving the course contents, continuing education and strengthening of research activities.
- Extending medical support to the local authorities for health care programmes.
- Extending health care facilities to above 1,00,000 rural urban population of Delhi through its organized centers in the community.

The institute is currently ranked 4th in the country by India Today Survey 2019 and is spread over a campus occupying 122 acres. Attached to the college are four hospitals – Lok Nayak Hospital, GB Pant Institute of Postgraduate Medical Education & Research, Maulana Azad Institute of Dental sciences and Guru Nanak Eye Center. It is one of the best places for learning with 2800 beds, 7200 daily outpatient attendance and 47 operation theatres running daily. It caters to 290 undergraduate students, 245 post graduate and post doctoral students per year being trained by 426 faculty members and 810 resident doctors.
# OFFICERS OF MAMC COMPLEX  
(as on Annual Day)

<table>
<thead>
<tr>
<th>Role</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dean, MAMC</td>
<td>Director Professor Sushil Kumar</td>
</tr>
<tr>
<td>Director, Guru Nanak Eye Centre</td>
<td>Director-Professor Ritu Arora</td>
</tr>
<tr>
<td>Medical Director, MS. L.N. Hospital</td>
<td>Director Professor Kishore Singh</td>
</tr>
<tr>
<td>Medical Director, GIPMER</td>
<td>Director Professor Achal Gulati</td>
</tr>
<tr>
<td><strong>Administration</strong></td>
<td></td>
</tr>
<tr>
<td>Academic Officer</td>
<td>Director Professor Sabita Mishra</td>
</tr>
<tr>
<td>Deputy Director (Admin.)/HOO</td>
<td>Shri Brijesh Sharma</td>
</tr>
<tr>
<td>Registrar (Academic)</td>
<td>Shri Rajesh Sachdeva</td>
</tr>
<tr>
<td>Adminn. Officer (E-I)</td>
<td>Shri Rajender Kumar</td>
</tr>
<tr>
<td>Adminn. Officer (E-II)</td>
<td>Shri Rajesh Kumar</td>
</tr>
<tr>
<td>Adminn. Officer (Estate)</td>
<td>Shri Mansoor Usmani</td>
</tr>
<tr>
<td>Sr. Accounts Officer</td>
<td>Shri Ajay Malhotra</td>
</tr>
<tr>
<td>Asstt. Accounts Officer</td>
<td>Ms. Raj Upreti</td>
</tr>
<tr>
<td>Statistical Officer</td>
<td>Shri Kamal Gautam</td>
</tr>
<tr>
<td>Security Officer</td>
<td>Shri Mohan Lal</td>
</tr>
<tr>
<td>Superintendent-E-I</td>
<td>Ms. Philomina Thomas</td>
</tr>
<tr>
<td>Superintendent-II</td>
<td>Shri Bhupal Chand</td>
</tr>
<tr>
<td>PS to Dean</td>
<td>Shri Umesh S. Nimesh</td>
</tr>
<tr>
<td>In-charge Data Center</td>
<td>Shri Mohnish Dubey</td>
</tr>
<tr>
<td><strong>Head of Departments (As on Annual Day)</strong></td>
<td></td>
</tr>
<tr>
<td>Anatomy</td>
<td>Director Professor Sabita Mishra</td>
</tr>
<tr>
<td>Anesthesiology</td>
<td>Director Professor Kirti Nath Saxena</td>
</tr>
<tr>
<td>Anesthesiology (GIPMER)</td>
<td>Director Professor Vishnu Datt</td>
</tr>
<tr>
<td>Biochemistry</td>
<td>Director Professor B. C. Koner</td>
</tr>
<tr>
<td>Biochemistry (GIPMER)</td>
<td>Director Professor Manju Subberwal</td>
</tr>
<tr>
<td>Cardiology (GIPMER)</td>
<td>Director Professor Saibai Mukhopadhyay</td>
</tr>
<tr>
<td>Cardio- Thoracic Surgery(GIPMER)</td>
<td>Director Professor M A Geelani</td>
</tr>
<tr>
<td>Community Medicine</td>
<td>Director Professor Nandini Sharma</td>
</tr>
<tr>
<td>Dermatology &amp; STD</td>
<td>Director Professor Bijaya Laxmi Sahoo</td>
</tr>
<tr>
<td>E.N.T.</td>
<td>Director Professor Ishwar Singh</td>
</tr>
<tr>
<td>Forensic Medicine</td>
<td>Director Professor Anil Kumar Mittal</td>
</tr>
<tr>
<td>G.I. Surgery (GIPMER)</td>
<td>Director Professor Anil Agarwal</td>
</tr>
<tr>
<td>Medicine</td>
<td>Director Professor R. S. Ahlawat</td>
</tr>
<tr>
<td>Medical Education</td>
<td>Director Professor Devender Kumar</td>
</tr>
<tr>
<td>Microbiology</td>
<td>Director Professor Sonal Saxena</td>
</tr>
<tr>
<td>Microbiology (GIPMER)</td>
<td>Director Professor Dr. Poonam S. Loomba</td>
</tr>
<tr>
<td>Department</td>
<td>Director</td>
</tr>
<tr>
<td>------------------------------------</td>
<td>---------------------------</td>
</tr>
<tr>
<td>Neonatology</td>
<td>Prof Ajay Kumar</td>
</tr>
<tr>
<td>Neurology (GIPMER)</td>
<td>Professor Debashish Chowdhury</td>
</tr>
<tr>
<td>Neuro-Surgery (GIPMER)</td>
<td>Professor Daljeet Singh</td>
</tr>
<tr>
<td>Obstt. &amp; Gynaecology</td>
<td>Professor Asmita Rathore</td>
</tr>
<tr>
<td>Ophthalmology</td>
<td>Professor Ritu Arora</td>
</tr>
<tr>
<td>Orthopaedics</td>
<td>Professor Vinod Kumar</td>
</tr>
<tr>
<td>Pathology</td>
<td>Professor Nita Khurana</td>
</tr>
<tr>
<td>Pathology (GIPMER)</td>
<td>Professor Pooja Sakuja</td>
</tr>
<tr>
<td>Paediatrics</td>
<td>Professor Urmila Jhamb</td>
</tr>
<tr>
<td>Paediatric Surgery</td>
<td>Professor Simmi K Rattan</td>
</tr>
<tr>
<td>Pharmacology</td>
<td>Professor Vandana Roy</td>
</tr>
<tr>
<td>Physiology</td>
<td>Professor V.P. Varshney</td>
</tr>
<tr>
<td>Pulmonary Medicine</td>
<td>Professor Naresh Kumar</td>
</tr>
<tr>
<td>Psychiatry (GIPMER)</td>
<td>Professor Partha Sarthi Biswas</td>
</tr>
<tr>
<td>Radio-diagnosis</td>
<td>Professor Anju Garg</td>
</tr>
<tr>
<td>Radio-diagnosis (GIPMER)</td>
<td>Professor Sunil Puri</td>
</tr>
<tr>
<td>Radio-therapy</td>
<td>Professor A K Rathi</td>
</tr>
<tr>
<td>Surgery</td>
<td>Professor Pawanindra Lal</td>
</tr>
<tr>
<td>Plastic Surgery</td>
<td>Dr. Prabhat Srivastava, Consultant</td>
</tr>
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</table>

**Faculty on Special Task**

<table>
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<tr>
<td>Provost</td>
<td>Professor Kirti Singh, Ophthalmology</td>
</tr>
<tr>
<td>First Appellate Authority(RTI)</td>
<td>Professor S. K. Khanna, Forensic Medicine</td>
</tr>
<tr>
<td>Coordinator Research Projects</td>
<td>Professor M. M. Singh, Community Medicine</td>
</tr>
<tr>
<td>Telephone Exchange Officers</td>
<td>Professor M. M. Singh, Community Medicine</td>
</tr>
<tr>
<td>Library Officer</td>
<td>Professor Mukta Mantan, Paediatrics</td>
</tr>
<tr>
<td>Purchase Officer</td>
<td>Professor Dinesh Kumar, Anatomy</td>
</tr>
<tr>
<td>Store Officer</td>
<td>Sh. Mattu Salvinder Singh</td>
</tr>
<tr>
<td>New Faculty Guest House In-charge</td>
<td>Shri Kamal Gautam, Planning Officer</td>
</tr>
<tr>
<td>Chairman Research Cell</td>
<td>Professor Balkrishan Physiology</td>
</tr>
<tr>
<td>Chairman IEC</td>
<td>Professor M. K. Daga, Medicine</td>
</tr>
<tr>
<td>Chairman Lan &amp; Server</td>
<td>Professor G. S. Meena, Community Medicine</td>
</tr>
<tr>
<td>Gurukool MAMC</td>
<td>Associate Professor Anurag Mishra, Surgery</td>
</tr>
<tr>
<td>Chairperson Sexual Harassment Committee</td>
<td>Director Professor Suneela Garg, Community Medicine</td>
</tr>
</tbody>
</table>
# ANNUAL REPORT COMMITTEE

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr Aarti Sood Mahajan</td>
<td>Director Professor, Physiology</td>
<td>Convenor</td>
</tr>
<tr>
<td>Dr Daljeet Singh</td>
<td>Dir Prof &amp; Head, Neuro Surgery</td>
<td>Member</td>
</tr>
<tr>
<td>Dr Debasish Chowdhury</td>
<td>Dir Prof &amp; Head, Neurology</td>
<td>Member</td>
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<tr>
<td>Dr Nita Khurana</td>
<td>Dir Prof. &amp; Head, Pathology</td>
<td>Member</td>
</tr>
<tr>
<td>Dr Preeti Jain</td>
<td>Prof, Physiology</td>
<td>Member</td>
</tr>
<tr>
<td>Dr Nidhi Verma</td>
<td>Associate Prof, Pathology</td>
<td>Member</td>
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</table>

**Staff:**

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shri Rajesh Sachdeva</td>
<td>Registrar(Academic)</td>
</tr>
<tr>
<td>Shri Yuganshu Luthra</td>
<td>Academic Section</td>
</tr>
<tr>
<td>Shri Baby M. P.</td>
<td>Research Cell</td>
</tr>
<tr>
<td>Shri Devanand</td>
<td>Academic Section</td>
</tr>
<tr>
<td>Shri Sohan Singh Rawat</td>
<td>Photography Section</td>
</tr>
</tbody>
</table>
DATA ON MEDICAL EDUCATION

Undergraduate Education

MBBS Course

Doctors graduated during the year 2019 are 253
Cumulative total till 31.12.2019 is 9336

Post-Graduate Education

Twenty-two full time courses leading to various post-graduate/diplomas & post doctoral courses are in force at present 153 postgraduates successfully completed the course during the year

Cumulative total till 31.12.2019 is 4889

OTHERS STATISTICS

I. Courses conducted: MBBS, BDS, P.G. Diploma
                            MD/MS/MDS/M.Ch/DM

II. Staff Position

<table>
<thead>
<tr>
<th>Staff Position</th>
<th>Sanctioned</th>
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<td>Faculty</td>
<td>322</td>
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<td>Technical</td>
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<td>155</td>
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<td>Class-IV etc.</td>
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<td>182</td>
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III. Budget 2019-20 (MAMC)

(Rs. in lacs)

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<thead>
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<th>Head</th>
<th>Approved Outlay 2019-20</th>
<th>Proposed Revised Outlay 2019-20</th>
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<tr>
<td>Revenue</td>
<td>21566.50</td>
<td>20730.50</td>
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<tr>
<td>Capital</td>
<td>1600.00</td>
<td>1580.00</td>
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<tr>
<td>Total</td>
<td>23166.50</td>
<td>22310.50</td>
</tr>
</tbody>
</table>
ASSOCIATED HOSPITALS
LOK NAYAK HOSPITAL

Lok Nayak Hospital (LNH) has a history older than the independent Republic of India, having been initiated in the year 1936 as Irwin Hospital. From an initial bed strength of 320 Lok Nayak Hospital (also known as LNJPN, LNJP or JP Hospital) has already gone up to bed strength approaching 2053. Apart from catering to the needs of residents of Delhi - primarily Old, Central and East - the umbrella expectedly covers many iterant patients from neighboring states as well by virtue of its location being closest to Delhi, New Delhi and Nizamuddin Railway Stations as well as Interstate Bus Terminals at Kashmiri Gate, Sarai Kale Khan and Anand Vihar. Consequently the need of bed strength has gone up exponentially.

Achievements

1. Installation of Electronic Boards at various floors of OPD Block for display of information for different services/ facilities being provided to patients visiting Lok Nayak Hospital.

2. Installation of 05 Automated External Defibrillators(AEDs)- a life saving equipment, at various floors of Main OPD Block for the benefits of patients and hospital staff.

3. Starting of 03 New Special Clinics during morning hours in Dermatology OPD: (Monday - Contact Dermatitis, Wed- Connective Tissue Disease & Thur- Psoriasis)

4. Starting of 03 New Afternoon Clinics in ENT OPD:(Mon- Voice & Laryngology, Wed- Rhinology &Fri- Vitiligo & Audiology) for the benefit of OPD patients coming for treatment in Lok Nayak Hospital.

Other Achievements

1. Dietary counseling imparted to 10399 Patients on OPD basis & 11726 IPO.
2. Maintaining Solid Waste Management. Dietary Department inspection by NET was successfully conducted.
3. Asperfoodsafetyguidelinesfood&watersampletestingfromFSSAIapprovedlabhasbeen implemented.
4. Dietary Main Kitchen deptt. participated in International Yoga day by providing Nutritious & Healthy Food Drinks like Sprout Salad/Bael Sharbat/Sattu Drinks.
5. Conducted“WorldBreastFeedingWeek”awarenessprogrammeinPeadiatricinandANCOPD.
7. “ExtendedMealServicesforpatientsattendantsandstaffofLNHcomplex”isgoingoninthat serviceprovidingComboMeal@€10/-toaround200personsonallworkingdays.
G.B Pant Postgraduate Medical Institute attached to MAMC is an internationally recognized superspeciality, tertiary care teaching institution for heart, brain and gastrointestinal disorders. It is committed to provide state- of-the-art diagnostic & therapeutic services irrespective of financial affordability. It runs with the aim to inculcate hope, healing and happiness in everyone who visits the hospital.

The hospital has seven clinical departments- Cardiology, Cardiothoracic surgery, Neurology, Neurosurgery, Gastroenterology, Gastro surgery and Psychiatry. To support these, very active para-clinical departments give matching contribution in the areas of Pathology, Biochemistry, Microbiology, Anesthesiology, Blood bank and Radiology.

It is one of the most reputed centre in the country for post-doctoral teaching and training. It is recognized for many path breaking research. The institution offers post-doctoral D.M. degrees in Cardiology, Neurology, Gastroenterology, M.Ch. degrees in Cardio Thoracic Surgery, Neuro Surgery, Gastrointestinal Surgery, DNB in Radiology and Cardiac Anaesthesia.

It was commissioned by the then Prime Minister late Pt. Jawaharlal Nehru on 30th April 1964. From a very humble beginning with 229 beds, it has expended to a bed strength of 754 of which 154 are Intensive Care Units beds. In 2019, the annual OPD attendance was over 9 lakhs and over 29 thousand patients were admitted under different superspeciality departments. This institution has the latest “state of the art” equipments, modular operations theatres, Cardiac catheterization and interventional Cardiology facilities. A separate acute heart attack and acute stroke treatment facility has been created for providing 24 hrs emergency services in the Golden Hour.

Dr. Sanjay Tyagi, Director, GIPMER was elevated to the highest position of Director General Health Services at the Ministry of Health & family Welfare, Govt. of India. His position as Director, GIPMER was taken over by Dr. Achal Gulati, who was appointed here after a successful 5 year stint as the founder Director Principal of the new Dr. BSA Medical College & Hospital and who also was elevated as the Additional Director General Health Services at the Ministry of Health & family Welfare, Govt. of India.
GURU NANAK EYE CENTRE

Guru Nanak Eye Centre was conceived as the premier centre of Government of Delhi to provide most up-to-date treatment for the eye diseases. It is situated on the Maharaja Ranjit Singh Marg and is being constructed in phases. In first phase OPD building was constructed and commenced in 1976. In 1984 Indoor Patient Department was inaugural. This provided casualty services and 150 beds. Phase III constructions are also complete and functional with modern operation theatre facilities, special words, day care centre. It also includes a mini auditorium with a seating capacity of 150.

Since its inception, GNEC has maintained steady and growth resulting into the best possible Eye Care facilities. This centre is running various special clinics, namely, Pediatric Ophthalmology, Neuro Ophthalmology, Contact Lens, Glaucoma, Trauma, Squint, Surgical and Medical Retina, Cornea and Ophthalmoplasty. In addition a new LASIK centre was added to provide Laser Refractive Surgery. This centre is now able to provide state of the medical facilities to the patients totally free of cost. This centre has separate pathology laboratory for conducting various serological, biochemical tests. The concept is to provide the patient all major ocular investigation under one roof.

This centre is organizing eye donation camps, eye screening camps and exhibitions to inform and increase awareness amongst the general population about the eye health care. Motiabind Mukti Abhiyan a Delhi Government campaign is being coordinated and organized by the centre and the hospital contributed in more than 40% of the surgery supporting in the various screening centre.

The centre has got equipments such as:

1. Latest Electro physiological machine for investigation like ERG, EOG, VER and EMR at Neuro-ophthalmology wing.
2. Digital Fundus Fluorescin Angiography
3. Special Domain OCT
4. Hand held fundus camera for obtaining fundus photograph of pediatric cases.
5. New Digital anterior segment imaging system
6. Two phaco machines for suture less cataract surgery.
II. NATIONAL & OTHER PRESTIGIOUS AWARDS
BESTOWED UPON

### PADMA AWARD WINNERS

<table>
<thead>
<tr>
<th>NAME OF AWARD</th>
<th>YEAR</th>
<th>Awardee</th>
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<tbody>
<tr>
<td>Padma Bhushan</td>
<td>1962</td>
<td>Dr. P.C. Dhanda</td>
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<td>Padma Bhushan</td>
<td>1962</td>
<td>Dr. S.K. Sen</td>
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<tr>
<td>Padma Bhushan</td>
<td>1967</td>
<td>Dr. S. Padmavati</td>
</tr>
<tr>
<td>Padma Shri</td>
<td>1972</td>
<td>Dr. Leela Vinayak Pathak</td>
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<tr>
<td>Padma Shri</td>
<td>1972</td>
<td>Dr. R. Nigmat</td>
</tr>
<tr>
<td>Padma Shri</td>
<td>1973</td>
<td>Dr. N.S. Jain</td>
</tr>
<tr>
<td>Padma Shri</td>
<td>1984</td>
<td>Dr. M. Khalilullah</td>
</tr>
<tr>
<td>Padma Bhushan</td>
<td>1989</td>
<td>Dr. M. Khalilullah</td>
</tr>
<tr>
<td>Padma Shri</td>
<td>1990</td>
<td>Dr. Prem Kakkar</td>
</tr>
<tr>
<td>Padma Bhushan</td>
<td>2006</td>
<td>Dr. S.K. Sarin</td>
</tr>
<tr>
<td>Padma Bhushan</td>
<td>2006</td>
<td>Dr. K.K. Sethi</td>
</tr>
<tr>
<td>Padma Shri</td>
<td>2014</td>
<td>Dr. Mahesh Verma</td>
</tr>
<tr>
<td>Padma Shri</td>
<td>2015</td>
<td>Dr. Saumitra Rawat</td>
</tr>
<tr>
<td>Padma Shri</td>
<td>2016</td>
<td>Dr. D.S. Gambhir</td>
</tr>
<tr>
<td>Padma Shri</td>
<td>2016</td>
<td>Dr. Ravi Kant</td>
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### DISTINGUISHED ALUMNUS AWARD WINNERS

<table>
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<tr>
<th>Year</th>
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<tbody>
<tr>
<td>1983</td>
<td>Dr. Harish Grover, Dr. Narrotam Puri</td>
</tr>
<tr>
<td>1984</td>
<td>Dr. L. D. Sota</td>
</tr>
<tr>
<td>1985</td>
<td>Dr. S.N.A. Rizvi</td>
</tr>
<tr>
<td>1986</td>
<td>Dr. J.K. Jain, Dr. Y.P. Munjal</td>
</tr>
<tr>
<td>1987</td>
<td>Dr. R.P. Gupta, Dr. R.K. Kapila</td>
</tr>
<tr>
<td>1988</td>
<td>Dr. O.P. Sood</td>
</tr>
<tr>
<td>1989</td>
<td>Dr. V. J. Anand, Dr. I. S. Bal</td>
</tr>
<tr>
<td>1990</td>
<td>Dr. N.K. Grover, Dr. K.B. Anand</td>
</tr>
<tr>
<td>1991</td>
<td>Dr. G.K. Maini</td>
</tr>
<tr>
<td>1992</td>
<td>Dr. Vijay Agarwal</td>
</tr>
<tr>
<td>1993</td>
<td>Dr. P.S. Saharia, Dr. Jag Bhagyan</td>
</tr>
<tr>
<td>1994</td>
<td>Dr. S.M. Subramany</td>
</tr>
<tr>
<td>1995</td>
<td>Dr. Vijay Aggarwal</td>
</tr>
<tr>
<td>1998</td>
<td>Dr. D.K. Mehta</td>
</tr>
<tr>
<td>1999</td>
<td>Dr. Surender Kumar</td>
</tr>
<tr>
<td>2000</td>
<td>Dr. Vijay Kapoor</td>
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<tr>
<td>2001</td>
<td>Dr. Subhash Naik, Maj. Gen. J.R. Bhardwaj</td>
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<tr>
<td>2002</td>
<td>Dr. T.K. Thusoo</td>
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<tr>
<td>2003</td>
<td>Dr. A.K. Kakkar</td>
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<tr>
<td>2004</td>
<td>Dr. Veena Chowdhury</td>
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<td>2005</td>
<td>Dr. S.P. Aggarwal, Dr. V.K. Sharma</td>
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<td>2006</td>
<td>Dr. Usha K Baveja, Dr. Mathew Varghese</td>
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<td>2007</td>
<td>Dr. Veena Kalra</td>
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<td>2008</td>
<td>Dr. T. Singh</td>
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<td>2009</td>
<td>Dr. Paramjeet Singh Randhwa</td>
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<td>2010</td>
<td>Dr. R.K. Sharma</td>
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<tr>
<td>2012</td>
<td>Dr. Amit Banerjee</td>
</tr>
<tr>
<td>2013</td>
<td>Dr. A.K. Jain and Dr. Sethi</td>
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<tr>
<td>2014</td>
<td>Dr. Beena Uppal</td>
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<td>2015</td>
<td>Dr. S. Ramji, Dr. B.K. Rao</td>
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<td>2016</td>
<td>Dr. Daljit Gambhir, Dr. Daljit Singh</td>
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<td>2017</td>
<td>Dr. N.P. Singh</td>
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<td>2018</td>
<td>Dr. C.P. Baveja, Dr. Nirat Beohar</td>
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<td>2019</td>
<td>Dr. Pawanindra Lal &amp; Dr. Rajesh Sagar</td>
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<td>Year</td>
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<tr>
<td>1964</td>
<td>R P Gupta</td>
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<tr>
<td>1965</td>
<td>Ram Kumar Chillar</td>
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<td>1966</td>
<td>Manash Kamal Das Gupta</td>
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<td>1967</td>
<td>J M Randekar</td>
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<td>1968</td>
<td>Veena Rai Chawla (July)</td>
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<tr>
<td>1968</td>
<td>Suman Kirti Jain (December)</td>
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<td>1969</td>
<td>Habibuddin Azri Habib</td>
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<td>1970</td>
<td>Rajiv Kumar</td>
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<tr>
<td>1971</td>
<td>Vinod Kumar</td>
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<td>1972</td>
<td>Amrit Prakash Nayar</td>
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<td>1973</td>
<td>Dinesh C Khera</td>
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<td>1974</td>
<td>Mridula Thakur</td>
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<td>1975</td>
<td>Arvind Seth</td>
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<td>1976</td>
<td>Ajay Krishan Sachdev</td>
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<td>1977</td>
<td>Ram Kumar Menon</td>
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<td>1978</td>
<td>Sidharth Ramji</td>
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<td>Rajiv Kumar</td>
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<td>Anil Kumar S/o S N Varshney</td>
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<td>1981</td>
<td>Anju Agarwal</td>
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<td>1982</td>
<td>Manish Suri</td>
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<td>1983</td>
<td>Sanjay Jain</td>
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<td>1984</td>
<td>Raju Sharma</td>
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<td>Priti Agarwal</td>
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<td>Niraj Kumar</td>
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<td>Naveen Lal</td>
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<td>Suman Rao</td>
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<td>Raechel Koreth</td>
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<td>Sunil Chaudhary</td>
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### III. DISTINGUISHED VISITORS

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Department</th>
<th>Visitors (Country)</th>
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<tbody>
<tr>
<td>I.</td>
<td>Neonatology</td>
<td>Dr. Bobby Pineda, Occupational Washington University School of Medicine, St Louis, USA.</td>
</tr>
<tr>
<td>II.</td>
<td>Pathology</td>
<td>Dr. T. Singh, Dr. Anurag Mehta, Sr. Consultant &amp; Head, Pathology, Rajiv Gandhi Cancer Institute and Research Centre</td>
</tr>
<tr>
<td>III.</td>
<td>Cardiology, GIPMER</td>
<td>Dr. Ankur, Interventional Cardiologist, from New Jersey visited our institute for learning the technique of trans-septal puncture (USA)</td>
</tr>
<tr>
<td>IV.</td>
<td>Gastroenterology, GIPMER</td>
<td>Prof. Raj for Spyglass Cholangioscopy &amp; Axios LAMS, (USA)</td>
</tr>
<tr>
<td>V.</td>
<td>Gastrointestinal Surgery, GIPMER</td>
<td></td>
</tr>
</tbody>
</table>
|       |                          | a. Dr Yamamoto, Japan.  
|       |                          | b. Dr Krish Menon, UK  
|       |                          | c. Dr Kevin Billingsley, USA.  
|       |                          | d. Dr Darius Mirza: UK.  
|       |                          | e. Dr Eduardo Fernandes, Brazil                                                                                        |
| VI.   | Neurology, GIPMER        | a. Prof Tim Steiner from UK visited the department and analyzed the results of Headache Burden study (UK)  
|       |                          | b. Prof Simon Hawke from Australia visited the department and gave a lecture on Treatment of MS (Australia)       
|       |                          | c. Dr Madhav Suri from US conducted a mini EEG workshop on 31.5.19 (USA)                                                                 
|       |                          | d. Dr Rebecca Clark from US conducted a mini EEG workshop on 31.5.19 (USA)                                                                 |
| VII.  | Neurosurgery, GIPMER     | 1. Dr. Krishna Kumar G, M.Ch (Neurosurgery), SGPGIMS, Lucknow  
|       |                          | 2. Dr. Raghavendra M, M.Ch (Neurosurgery), SGPGIMS, Lucknow  
|       |                          | 3. Dr. Gajbhiye Sanjog Shankar, M.Ch (Neurosurgery), SGPGIMS, Lucknow  
|       |                          | 4. Dr. Abhijit Nanda Parab, M.Ch (Neurosurgery), SGPGIMS, Lucknow  
|       |                          | 5. Dr. Dipanshu Narula, M.Ch (Neurosurgery), AIIMS, New Delhi  
|       |                          | 6. Dr. Saurabh Sharma, Attending Consultant, DMC, Ludhiana  
|       |                          | 7. Dr. Dhivya Palanishmy, Consultant Neurosurgery, Apollo KH Hospital, Vellore, Tamilnadu  
|       |                          | 8. Dr Ketan Hedau, Assistant Professor, Department Of Neurosurgery, NSCB Medical College, Jabalpur |
| VIII. | Pathology, GIPMER        | 1. Dr. Aiman Haider-Clinical Fellow Uropathology and Gynaecological pathology, UCLH, London.  
|       |                          | 2. Dr. Juan Rotamero - Granada University Hospitals, Spain                                                                                      |
| IX.   | Radiodiagnosis, GIPMER   | Dr. Vivek Mishra, Consultant Radiologist, Chicago, U.S.                                                                                           |
## IV. FACULTY

### SUPERANNUATION/TRANSFER/JOINING/LEFT

#### I. SUPERANNUATION

<table>
<thead>
<tr>
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<th>Designation</th>
<th>Department</th>
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<tbody>
<tr>
<td>1.</td>
<td>Dr. T.K. Mishra</td>
<td>Director Professor</td>
<td>Biochemistry</td>
</tr>
<tr>
<td>2.</td>
<td>Dr. Naresh Gupta</td>
<td>Director Professor</td>
<td>Medicine</td>
</tr>
<tr>
<td>3.</td>
<td>Dr. Surinder Kumar</td>
<td>Director Professor</td>
<td>Microbiology</td>
</tr>
<tr>
<td>4.</td>
<td>Dr Bibhabati Mishra</td>
<td>Director Professor, September 2019. Superannuated</td>
<td>Microbiology, GIPMER</td>
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<tr>
<td>5.</td>
<td>Dr Satbir Singh</td>
<td>Dir-Professor- Superannuated on 30.11.19</td>
<td>Radiodiagnosis, GIPMER</td>
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#### II. TRANSFER

<table>
<thead>
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<tbody>
<tr>
<td>1.</td>
<td>Dr. Anu Gupta</td>
<td>Assistant Professor, Neurology</td>
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#### III. JOINING

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<th>Name of faculty</th>
<th>Designation</th>
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<tbody>
<tr>
<td>Dr Sushil Kumar</td>
<td>Dean, Department of Medical Education</td>
<td>Dr. Praveen Bharti</td>
<td>Department of Medical Education</td>
</tr>
<tr>
<td>Dr. Anita Tuli Re-employment</td>
<td>Consultant Anatomy</td>
<td>Dr. Satish Sharma</td>
<td>CMO SAG, Orthopedics</td>
</tr>
<tr>
<td>Dr. T.K. Mishra Rejoined</td>
<td>Director Professor Biochemistry</td>
<td>Dr. Ajay Bahl</td>
<td>CMO SAG, Orthopedics</td>
</tr>
<tr>
<td>Dr. Anubhuti,</td>
<td>Associate Professor Biochemistry</td>
<td>Dr. Romit Saxena</td>
<td>Asstt. Professor, Paediatrics</td>
</tr>
<tr>
<td>Dr. H.C. Taneja, Director Professor, ENT</td>
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<td>Dr. Swarnim</td>
<td>Asstt. Professor, Paediatrics</td>
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<tr>
<td>Dr. Upender Kishore</td>
<td>Forensic medicine</td>
<td>Dr. Puneet Kaur Sahi</td>
<td>Asstt. Professor, Paediatrics</td>
</tr>
<tr>
<td>Dr Aashima Dabas</td>
<td>Department of Medical Education</td>
<td>Dr. Meenakshi Bothra</td>
<td>Asstt. Professor, Paediatrics</td>
</tr>
<tr>
<td>Dr Harpreet Singh</td>
<td>Department of Medical Education</td>
<td>Dr. Pallavi</td>
<td>Asstt. Professor, Paediatrics</td>
</tr>
<tr>
<td>Dr Rahul Jain</td>
<td>Department of Medical Education</td>
<td>Dr. Ravi Kaushik</td>
<td>Assistant Professor, Physiology</td>
</tr>
<tr>
<td>Dr Arpita Gupta</td>
<td>Asstt. Profesor, Paediatrics</td>
<td>Dr. Faiz Akram Ansari</td>
<td>Assistant professor, Radiotherapy</td>
</tr>
<tr>
<td>Dr. Prafull Kumar,</td>
<td>CMO (NFSG), Paediatric Surgery Equated Assistant Professor for teaching purposes.</td>
<td>Dr. Surender Saini,</td>
<td>Assistant professor, Radiotherapy</td>
</tr>
<tr>
<td>Dr. Payal Bhalla</td>
<td>Assistant Professor, Physiology</td>
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### IV. LEFT

<table>
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<th>S. No.</th>
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<th>Reason for leaving</th>
</tr>
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<tbody>
<tr>
<td>1.</td>
<td>Dr. Sanjay Tyagi Deptt of Medical Education</td>
<td>Dean</td>
<td>Promoted to DGHS</td>
</tr>
<tr>
<td>2.</td>
<td>Dr. Preeti Thakur, Specialist Grade II</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td>Dr. C.P. Baveja Microbiology</td>
<td>Director Professor and Head</td>
<td>Joined as Director Principal, Dr. Baba Sahib Ambedkar Medical College, Delhi</td>
</tr>
<tr>
<td>4.</td>
<td>Dr. Srinivas H Gowda</td>
<td>Assistant Professor Biochemistry</td>
<td>Resigned on personal ground and relieved on 10-11-2019</td>
</tr>
<tr>
<td>5.</td>
<td>Dr P. K. Rathore, Director Professor, ENT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6.</td>
<td>Dr N B Mathur</td>
<td>Director Professor Neonatology</td>
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</tr>
<tr>
<td>7.</td>
<td>Dr Abhishek Chopra</td>
<td>Assistant Professor Neonatology</td>
<td></td>
</tr>
<tr>
<td>8.</td>
<td>Dr Harpreet Mehr</td>
<td>Assistant Professor (Cl.Psychology) Pediatrics</td>
<td>Major Illness in the Family</td>
</tr>
<tr>
<td>9.</td>
<td>Dr. M. Tanuja Gynecology &amp; Obstetrics</td>
<td></td>
<td>Resigned</td>
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<tr>
<td>10.</td>
<td>Dr. Surender Saini, Assistant professor, Radiotherapy</td>
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<td>11.</td>
<td>Dr. Amol S. Dahale Microbiology, GIPMER</td>
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<td>12.</td>
<td>Dr. Kaushik Majumdar Pathology, GIPMER</td>
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### ACHIEVEMENTS

#### Promotions

#### Associate Professor

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<th>Department</th>
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<tbody>
<tr>
<td>1)</td>
<td>Dr. SS Panda</td>
<td>Paediatric Surgery</td>
</tr>
<tr>
<td>2)</td>
<td>Dr. S Neogi.</td>
<td>Paediatric Surgery</td>
</tr>
<tr>
<td>3)</td>
<td>Dr. Lovekesh Kumar</td>
<td>General Surgery</td>
</tr>
<tr>
<td>4)</td>
<td>Dr Wajid Nazir</td>
<td>Neurosurgery</td>
</tr>
<tr>
<td>5)</td>
<td>Dr G D Singhal</td>
<td>Neurosurgery</td>
</tr>
</tbody>
</table>
**AWARDS AND HONOURS**

Department of Paediatrics

Considered as Center for Excellence:

In Human Genetics for Training in Service faculty for Medical Colleges by Department of Biotechnology and for Management and prenatal diagnosis of rare diseases by Ministry of Health & Family Welfare.

Department of Anaesthesiology won Trophy for Best Clinical Meet at ISACON 2019

Following faculty received awards and honours.

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name of faculty</th>
<th>Award/Honour</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Dr Dinesh Kumar, Anatomy</td>
<td>FAIMER fellowship in 2019.</td>
</tr>
<tr>
<td>2.</td>
<td>Dr Surbhi Wadhwa, Anatomy</td>
<td>Member of National Academy of Medical Sciences</td>
</tr>
<tr>
<td>3.</td>
<td>Dr Rashmi Sarkar,</td>
<td>a. Dr. B. M. Ambady oration from IADVL at DERMACON International in Bengaluru.</td>
</tr>
<tr>
<td></td>
<td>Dermatology</td>
<td>b. Dr. Madhusudhan Das oration from Nalanda Medical College, Patna.</td>
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<td></td>
<td>c. IADVL Delhi State Branch oration at Annual Cuticon, Delhi.</td>
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<td></td>
<td></td>
<td>d. ‘The Economics Times’ ‘Most Inspiring Dermatologist’ at Doctor’s Day</td>
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<tr>
<td></td>
<td></td>
<td>Conclave New Delhi.</td>
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<td></td>
<td></td>
<td>e. Radiation Oncologist of India.</td>
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<tr>
<td>4.</td>
<td>Dr Suneela Garg, PSM</td>
<td>Harcharan Singh Oration during 46th Annual National Conference, IAPSM,</td>
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<tr>
<td></td>
<td></td>
<td>IGMC Shimla.</td>
</tr>
<tr>
<td>5.</td>
<td>Dr Nandini Sharma, PSM</td>
<td>Delhi State Award for meritorious services in the field of health care,Delhi.</td>
</tr>
<tr>
<td>6.</td>
<td>Dr. Krishna Deb Barman,</td>
<td>IADVL Milan scholarship award</td>
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<tr>
<td></td>
<td>Dermatology</td>
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</tr>
<tr>
<td>7.</td>
<td>Dr. Vineet Relhan,</td>
<td>Dr. K.C. Kandhari Award at the Annual Cuticon IADVL Delhi State Branch.</td>
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<td></td>
<td>Dermatology</td>
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</tr>
<tr>
<td>8.</td>
<td>Dr. Monisha Pradhan,</td>
<td>UGC Grant International Conference “National Association of Medical</td>
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<tr>
<td></td>
<td>Forensic Medicine</td>
<td>Examiners, USA</td>
</tr>
<tr>
<td>9.</td>
<td>Dr Subhash Dadeya,</td>
<td>Vice president, Delhi ophthalmic society</td>
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<td></td>
<td>Ophthalmology</td>
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<tr>
<td>10.</td>
<td>Dr Ruchi Goel, Ophthalmology</td>
<td>FAICO</td>
</tr>
<tr>
<td>11.</td>
<td>Dr. M K Daga, Medicine</td>
<td>FRCP 2019, FACP2019</td>
</tr>
<tr>
<td>12.</td>
<td>Dr. Ahlawat, Medicine</td>
<td>FICP Fellowship</td>
</tr>
<tr>
<td>13.</td>
<td>Dr. Suresh Kumar, Medicine</td>
<td>Award API Delhi Branch, Dr. Bansal and Uma Bansal Oration and Fellowship in Academy of Clinical Medicine (FIACM).</td>
</tr>
<tr>
<td>14.</td>
<td>Dr. Sunita Agarwa, Medicine</td>
<td>Selected as FACP</td>
</tr>
<tr>
<td>15.</td>
<td>Dr. Sumit Singhla, Medicine</td>
<td>Fellowship under The Medical Scientist Exchange Program of NAMS</td>
</tr>
<tr>
<td>16.</td>
<td>Dr Ashish JainNeonatology,</td>
<td>FNNF (Fellow National Neonatology Forum)</td>
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<tr>
<td></td>
<td>Paediatric</td>
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</tr>
<tr>
<td>17.</td>
<td>Dr. Anurag Agarwal,</td>
<td>Indian Health Care Excellence Award 2019</td>
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<td></td>
<td>Paediatric</td>
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</tr>
<tr>
<td>18.</td>
<td>Dr YK Sarin, Paediatric</td>
<td>Fellowship of Indian Academy of Pediatrics (FIAP) Rejoice AYUSH Promotion Award 2019. BHARAT KE ANMOL RATNA AWARDS – 2019 , (Lifetime Achievement category) by Tejasvi Astitva Foundation</td>
</tr>
<tr>
<td></td>
<td>Surgery</td>
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</tr>
<tr>
<td>19.</td>
<td>Dr Shyama Jain, Pathology</td>
<td>DMA-Vishisht Chikitsa Ratna Award on Doctors day, MAMC, Delhi.</td>
</tr>
<tr>
<td>20.</td>
<td>Dr. Vandana Roy,</td>
<td>Chief Guest, CME for Medical Officers sponsored by Rashtriya Ayurveda</td>
</tr>
<tr>
<td></td>
<td>Pharmacology</td>
<td>Vidyapeeth, Ministry of AYUSH, All India Institute of Ayurveda, New Delhi.</td>
</tr>
<tr>
<td>21.</td>
<td>Dr Shalini Chawla,</td>
<td>National Institute on Drug Abuse (NIDA) clinical Trials Network Certificate</td>
</tr>
<tr>
<td></td>
<td>Pharmacology</td>
<td>of completion to certify completion of six hour required course on Good</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Clinical Practice.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Felicitated by National Board of Examinations for contribution as a faculty.</td>
</tr>
<tr>
<td>22.</td>
<td>Dr Bhupinder Singh,</td>
<td>Completed and cleared GCP web based training course from Ashford and St.</td>
</tr>
<tr>
<td></td>
<td>Pharmacology</td>
<td>Peter’s hospital(NHS).</td>
</tr>
<tr>
<td>23.</td>
<td>Dr. Ravi Kaushik, Physiology</td>
<td>International travel award by Japanese Govt JENESYS</td>
</tr>
<tr>
<td>24.</td>
<td>Dr. Rashmi Dixit, Radiology</td>
<td>Academic Excellence award by Delhi State Chapter, IRIA.</td>
</tr>
<tr>
<td>25.</td>
<td>Dr. Jyoti Kumar, Radiology</td>
<td>Fellowship Indian College of Radiology, in 72nd annual conference of IRIA at PGI Chandigarh, Dr. N.G. Gadekar Oration on Imaging in inner ear malformations, in 72nd annual conference of IRIA at PGI Chandigarh.</td>
</tr>
<tr>
<td>26.</td>
<td>Dr. K. Singh, Radiotherapy</td>
<td>Felicitated with lifetime achievement awards association of radiation oncologists of India (north zone).</td>
</tr>
<tr>
<td>27.</td>
<td>Dr. A.K. Rathi, Radiotherapy</td>
<td>Felicitated with lifetime achievement awards by association of radiation oncologists of India (north zone).</td>
</tr>
<tr>
<td>28.</td>
<td>Dr. Savita Arora, Radiotherapy</td>
<td>Fellowship in Brachytherapy in gynecologic cancer at Christie hospital, Manchester, United Kingdom by Association of Radiation Oncologist of India.</td>
</tr>
<tr>
<td>29.</td>
<td>Dr Pawanindra Lal, Surgery</td>
<td>Dr A Ranganathan Oration APASI 2019, Best Performance EC Member ASI 2019, Delhi State Health Award 2019.</td>
</tr>
<tr>
<td>31.</td>
<td>Dr Anubhav Vindal, Surgery</td>
<td>FRCS (Glasgow), FRCS (Edinburgh)</td>
</tr>
</tbody>
</table>

**Departments of GIMPER.**

| 32. | Dr Pragati Ganjoo, Anaesthesia | Awarded with ‘Gaurav Samman’, for contributing towards welfare of Kashmiri Pandit Community |
| 33. | Dr. Sanjay Tyagi, Cardiology | Fellowship of Royal College of Physicians (FRCP), Edinburg UK. Distinguished Alumnus by the Union Health Minister during the Platinum Jubilee function of Safdarjung Hospital & VMMC. |
| 34. | Dr. Vimal Mehta, Cardiology | Fellowship of European Society of Cardiology (FESC) in 2019 Fellowship of American College of Cardiology (FACC) in 2020 |
| 35. | Dr. Mohit Gupta, Cardiology | Fellowship of Royal College of Physicians, (FRCP) Edinburg, UK. |
| 36. | Ms. Pratishtha (Senior Research Associate) | Fellowship by NHS Foundation Trust, London. |
| 37. | Dr. AS Puri, Gastroenterology | Fellowship of National Academy Of Medical Science (India) |
| 38. | Dr. Amit Javed, GI Surgery | Best poster, IASGCON 2019, Award paper, A-PHPBA 2019, Korea |
| 39. | Dr Archana Thakur, Microbiology | NABH, NACl assessor |
| 40. | Dr Poonam Sood Loomba, Microbiology | FAIMER fellowship |
| 41. | Dr. Debashish Chowdhury, Neurology | Awarded “State Award” given by the Government of NCT of Delhi for the meritorious services in the field of health care (Neurology) , 18th February, 2019. |
| 42. | Dr Sanjay Pandey, Neurology | Received travel grant to attend MDS International conference at Nice. |
| 43. | Dr Swapan Gupta, Neurology | Awarded bursary and training in 17th International Course on Epilepsy: Brain Exploration and epilepsy surgery-4: Epilepsy surgery at Paediatric age at San Servolo, Venice, Italy Indian Academy of Neurology (IAN) Travel Fellowship 2019. |
| 44. | Dr Daljit Singh, Neurosurgery | Vishisth Chikitsa Ratan Award 2018, Treasurer NSI |
| 45. | Dr Hukum Singh, Neurosurgery | Bharat Jyoti Award 2018, Country Pride National Award 2018 |
| 46. | Dr. Anita Jagetia, Neurosurgery | Coordinator Woman section NSI |
| 47. | Dr Puja Sakhuja, Pathology | Fibrosis Regression at the 8th Ramalingaswami Oration” and Hepatopathology Meeting at ILBS on 7th August 2019. |
**CHAPTERS IN BOOKS**

Many faculty members have contributed chapters in books of their respective field of specialty.

<table>
<thead>
<tr>
<th>Department</th>
<th>Faculty members</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anaesthesia</td>
<td>Dr Anju R. Bhalhotra, Dr Lalit Gupta</td>
</tr>
<tr>
<td>Anatomy</td>
<td>Dr Sabita Mishra, Dr Neelam Vasudeva, Dr Dinesh Kumar, Dr Anita Mahajan, Dr Surbhi Wadhwa, Dr Preeti Goswami, Dr Babita Pangtey, Dr Swati Tiwari and Dr Shikha Singh</td>
</tr>
<tr>
<td>Biochemistry</td>
<td>Dr. K. Maheshwari</td>
</tr>
<tr>
<td>Dermatology</td>
<td>Dr. Rashmi Sarkar, Dr. Vineet Relhan</td>
</tr>
<tr>
<td>ENT</td>
<td>Dr. Shruti Dholingra</td>
</tr>
<tr>
<td>Medicine</td>
<td>Dr. MK Daga, Dr. Suresh Kumar, Dr Sandeep Garg, Dr. Sunita Agarwal</td>
</tr>
<tr>
<td>Microbiology</td>
<td>Dr. CP Baweja, Dr. Rohit Chawla</td>
</tr>
<tr>
<td>Neonatology</td>
<td>Dr Ashish Jain</td>
</tr>
<tr>
<td>OBG</td>
<td>Dr. Anjali Tempe, Dr. A. Rathore, Dr. Y.M. Mala, Dr. A. Kumar, Dr. Madhavi Gupta</td>
</tr>
<tr>
<td>Ophthalmology</td>
<td>Dr Ruchi Goel</td>
</tr>
<tr>
<td>Orthopedics</td>
<td>Dr. Lalit Maini</td>
</tr>
<tr>
<td>Paediatrics</td>
<td>Dr. U. Jhamb. S. Yadav, Dr. D. Mishra, Dr. A. Agarwal, Dr. D. Kumar, Dr. R. Saxena, Dr. M. Bothra</td>
</tr>
<tr>
<td>Pathology</td>
<td>Dr Nidhi Verma, Dr Meeta Singh</td>
</tr>
<tr>
<td>Pharmacology</td>
<td>Dr. Vandana Roy</td>
</tr>
<tr>
<td>Physiology</td>
<td>Dr. V. P. Varshey, Dr. MonaBedi, Dr. Ravi Kaushik</td>
</tr>
<tr>
<td>Pulmonary Medicine</td>
<td>Dr. Naresh Kumar</td>
</tr>
<tr>
<td>Radiodiagnosis</td>
<td>Dr. Anju Garg, Dr. Gaurav S Pradhan, Dr. Alpana Manchanda, Dr. Rashmi Dixit, Dr. Anjali Prakash, Dr. Sapna Singh, Dr. Jyoti Kumar, Dr. Swati Gupta, Dr. Radhika Batra</td>
</tr>
<tr>
<td>Radiotherapy</td>
<td>Dr. Kishore Singh, Dr. Arun Kumar Rathi, Dr. Savita Arora</td>
</tr>
<tr>
<td>General Surgery</td>
<td>Dr Vindal A, Pathak P, Dr Lovenish Bains, Dr Deepak Ghuliani, Dr Anurag Mishra, Dr Lovekesh Kumar, Dr Trilok Chand</td>
</tr>
</tbody>
</table>

**Departments of GIPMER**

<table>
<thead>
<tr>
<th>Department</th>
<th>Faculty members</th>
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<tbody>
<tr>
<td>Anesthesia</td>
<td>Dr Monica Tandon</td>
</tr>
<tr>
<td>Cardiology</td>
<td>Dr. Sanjay Tyagi, Dr. Ankit Bansal</td>
</tr>
<tr>
<td>Microbiology</td>
<td>Dr Poonam Sood Loomba</td>
</tr>
<tr>
<td>Neurology</td>
<td>Dr. Debashish Chowdhury, Dr. Ashish Duggal, Dr. Arun Koul</td>
</tr>
<tr>
<td>Neurosurgery</td>
<td>Dr Daljit Singh, Dr Shaam Bodeliwala, Dr Anita Jagetia, Dr A K Srivastava, Dr G D Singhal</td>
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### PUBLICATIONS

**National and International**

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<th>S.No.</th>
<th>Department</th>
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<td>1)</td>
<td>Anaesthesia</td>
<td>47</td>
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<td>Anatomy</td>
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<td>3)</td>
<td>Biochemistry</td>
<td>16</td>
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<td>4)</td>
<td>Community Medicine</td>
<td>33</td>
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<td>5)</td>
<td>Dermatology</td>
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<td>7)</td>
<td>Forensic Medicine</td>
<td>06</td>
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<td>8)</td>
<td>Medicine</td>
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<td>9)</td>
<td>Microbiology</td>
<td>05</td>
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<td>Neonatology</td>
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<td>11)</td>
<td>Obstetrics &amp; Gynecology</td>
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<td>Orthopedics</td>
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<td>13)</td>
<td>Paediatrics</td>
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<td>14)</td>
<td>Paediatric Surgery</td>
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<td>Pharmacology</td>
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<td>Pulmonary Medicine</td>
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<td>21)</td>
<td>General Surgery</td>
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<td>Anaesthesia</td>
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<td>25)</td>
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<td>Gastroenterology</td>
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<td>Gastrointestinal Surgery</td>
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<td>28)</td>
<td>Microbiology</td>
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<td>29)</td>
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<td>30)</td>
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<td>Pathology</td>
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<td>Psychiatry</td>
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<td>Radiodiagnosis</td>
<td>02</td>
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<tr>
<td>Department</td>
<td>Name of conference/workshop</td>
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<tr>
<td>Anaesthesia</td>
<td>1. CME on “Changing Trends in Obstetric Anesthesia”, March 2019, MAMC</td>
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<td></td>
<td>2. Workshop on “Ultrasound Guided Regional Anesthesia”, May 2019,</td>
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<tr>
<td></td>
<td>3. MAMC Anaesthesia Updates, Post Graduate Refresher Course, New Delhi (28 Aug- 1st Sept</td>
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<td></td>
<td>2019)</td>
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<td></td>
<td>4. Conference on Facts &amp; Myths in Anaesthesiology on 14th &amp; 15th December 2019</td>
<td></td>
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<tr>
<td>Anatomy</td>
<td>A workshop on “Preservation Techniques of Human Body-Chemical &amp; Digital Preservation and</td>
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<td></td>
<td>Museology” on 20th-21st December 2019</td>
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<tr>
<td>Biochemistry</td>
<td>1. A workshop on “Cell culture techniques” was organized by the department on 19th-20th</td>
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<tr>
<td></td>
<td>September 2017.</td>
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<td></td>
<td>2. A CME on “Role of Lab Diagnosis in immunologic disorders” was organized by the department</td>
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<td></td>
<td>on 16th March 2019.</td>
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<td>Community Medicine</td>
<td>1) 4th International Conference on Occupational and Environmental Health.</td>
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<td></td>
<td>2) 2nd World Congress Sound Hearing at Bali Indonesia.</td>
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<td></td>
<td>3) EAR Screening Camp for the officials of MoHFW GOI at Celebration of World Hearing Day</td>
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<td></td>
<td>4) Health promotion for hearing care in schools of South East Asian Region” in Collaboration</td>
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<td></td>
<td>with WHO at MAMC.</td>
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<td></td>
<td>5) Pilot Testing of Modules Occupational Health Program: Care And Compliance of Unorganized</td>
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<td></td>
<td>Sector Workers Perspective for the Primary Health Care Professionals, MAMC with NIOH &amp; PHF.</td>
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<td></td>
<td>6) CME on “Latent TB updates: focus on latent TB for TB elimination in India” in MAMC.</td>
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<td></td>
<td>7) Core Committee Meeting of RNTCP in MAMC and Chest Clinic, LNJIP.</td>
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<td></td>
<td>8) State Task Force (STF) at MAMC.</td>
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<td></td>
<td>9) Workshop for nurses on “Breast cancer screening”MAMC</td>
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<td></td>
<td>10) Sensitization of Doctors in Technical, Managerial and Quality Aspects of Family Planning</td>
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<tr>
<td></td>
<td>Held for all Medical Officers posted in GNCT Delhi involved in service delivery of Family</td>
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<td></td>
<td>Planning.</td>
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<td></td>
<td>11) CME for Doctors on Recent Advances and Updates in National Health Programmes for Major</td>
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<tr>
<td></td>
<td>Public Health Problems.</td>
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<td></td>
<td>12) Dissemination Workshop for the research project on ‘Efficiency of Child-To-Child Approach</td>
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<tr>
<td></td>
<td>in Preventing Childhood injuries and their Consequences’</td>
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<td></td>
<td>13) Workshop on Surveillance of Childhood Injuries at Primary Health Care Facilities’</td>
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<td>15) Workshop on Public Health Programme update.</td>
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<td>16) Health camp on Anaemia</td>
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<tr>
<td>Dermatology</td>
<td>1. CME on ‘Cutaneous Tuberculosis- A Multidisciplinary Approach’ with the department of</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Chest TB (LNH).</td>
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<tr>
<td></td>
<td>2. Training for Doctors under the PGDHIVM Fellowship Programme, MAMC.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3. Training for Doctors under the Geriatric Medicine Programme, MAMC.</td>
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<tr>
<td></td>
<td>4. Regional STI Reference, Research and Training Centre MAMC, organized a CME Program for</td>
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<td></td>
<td>Post Graduate Medical Students.</td>
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<td></td>
<td>5. GADCON 2019 at Hotel Clarks, Amer, Jaipur</td>
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<td>6. ACSICON 2019 at The Leela, Gurugram</td>
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<tr>
<td>ENT</td>
<td>MIDPHONOCON 2019, at MAMC</td>
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<tr>
<td></td>
<td>Adverse effect of Noise on Hearing on International Noise Awareness Day, MAMC</td>
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<tr>
<td></td>
<td>Annual PG Update MAMC</td>
<td></td>
</tr>
<tr>
<td>Forensic Medicine</td>
<td>1) “Medicolegal Training Program for Medical Officers and Resident Doctors” 15.05.2019.</td>
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<tr>
<td></td>
<td>2) 17th National Conference of Indian Associationforensic Odontology, MAIDS, 21st-22nd</td>
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<tr>
<td></td>
<td>September 2019 with MAIDS.</td>
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<tr>
<td></td>
<td>2. A Symposium on Hepatitis Vaccination Program in Delhi for Health Care Workers organized</td>
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<tr>
<td></td>
<td>in ABCON Auditorium In March, 2019</td>
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</tr>
<tr>
<td></td>
<td>3. CME on haemophilia</td>
<td></td>
</tr>
</tbody>
</table>
### Medical Education
1. Medical Education Technologies” for Senior Residents of MAMC and other govt Hospitals, Delhi.
2. P.G. Orientation Training Programme for 1st Yr P.G. students.
3. P.G. Research Methods Course / Workshop for 1st Year Post Graduate students.
4. MCI Basic Course for Medical Teachers of various Medical Colleges of Delhi, UP and Haryana.
5. Five CISP workshops for faculty / Curriculum Committee members of constituent medical colleges.
6. One CISP/CDI workshop was conducted exclusively for in-house faculty of MAMC and associated hospitals.
7. Training session for Junior Faculty and Senior Residents involved in implementation of AETCOM.

### Microbiology
3. Workshop on External Quality Assessment Scheme for HIV Serology for laboratory technicians of linked ICTCs and PPTCTs on 13 March 2019.
5. Training programs on Biomedical Waste Management for Senior Residents, Junior Residents and Technical staff of Maulana Azad Medical College.
6. Awareness campaign through a Walkathon on Antimicrobial resistance containment from MAMC to Raj Ghat on November 17, 2019 in collaboration with IAMM, WHO, CDC, USA.

### OBG
1. CME on Infertility and reproductive endocrinology on 10/02/2019.
2. CME on endoscopy 09/02/2019.
3. 4th Maternal Fetal Medicine workshop on Cardiotocography- Basics and its Nuances.02/03/19.
4. Update on Ovarian Tumors.23/03/2019.
8. Senior Resident Orientation Programme have conducted on 6th April 2019 & on 17.08.2019.

### Orthopedics
1. 21st MAMC PG Orthopaedics Instructional course held at GB Pant hospital Auditorium on 25th to 28th Nov 2019.
2. Basic Spine Course Workshop on 10th February, 2019, Lecture theatre, 6th Floor, Orthopaedics Block, MAMC.
4. A symposium on Medico-Legal Seminar-2019 under aegis of Delhi Orthopaedics Association was held on 21st September 2019 at MAMC, Delhi.
5. IFASCON- 2019 Cadaveric workshop on surgery around foot and ankle on 29th August 2019 at MAMC, Delhi.
| Paediatrics | 1. Symposium on Sensitization on Primary immune deficiencies was held on 20.04.2019.  
2. Symposium on CME on Primary immune deficiencies was held on 08.08.2019.  
3. Symposium in STEP workshop (Simulation Training in Emergency Pediatrics) was held on 27.09.2019.  
4. Symposium in workshop on PPCC (Practical Pediatrics Capsule Course) was held on 18-20th Dec 2019.  
5. Stake holders Meeting on “Immunization in the Context of Adolescent Health Programme” to draw the Road Map for Adolescent Immunization in the country with IAP, Ministry of Health Immunization and Adolescent Health Division GOI, WHO, UNICEF and FOGSI, on 14.02.19 at New Delhi.  
6. IInd Practical Pediatric Endocrinology course on 23.2.2019 at New Delhi Conference North Zone PEDICON and PCNI 2019  
7. Symposium in PG workshop on practical aspects of developmental assessment was held on 9th to 10th Feb 2019.  
10. Hands on training for the post graduates on dysmorphology by Dr Nicole Fischer from Face2gene.  
12. Organized the Fourth Annual meeting of Pediatric Research and Education Society of India (PRESIDE) on 22, 23rd November 2019 .  
13. A Symposium on Primary Immunodeficiency Disorders was held on 08-08-2019.  
14. Contributed to the Extracorporeal membrane oxygenation module as a part of advanced ventilation training module course content and textbook, of the college of Pediatric critical care and IAP subsection of pediatric critical care.  
15. Contributed to the basic ventilation module course content and textbook towards basic ventilation module of the college of pediatric critical care and IAP subsection of pediatric critical care.  
16. IAP UG Quiz (Pediatric) intradepartmental 2019  
17. ‘Immunization Quiz’ for Postgraduate students in August 2019 |
| Paediatric Surgery | 1. 2nd Pediatric Surgery Update 2019 from March 7th to 10th  
2. CME on ‘Child abuse-awareness and prevention’ on November 15th  
3. Symposium on ‘Management of posterior urethral valves’ on December 14th  
4. CME/workshop for Ayush Health Professionals on Research Methodology on December 14th |
2. Workshop on “Bone Marrow Biopsy Immunohistochemistry” during 60 Annual Conference of Indian Association of Hematology and transfusion Medicine Hematocon 2019. |
| Pharmacology | 1. 4th CME workshop on “Improving Availability and Rational use of Medicines in Public Health Facilities under Government of NCT Delhi”, in MAMC for doctors working in Delhi Government hospitals.  
2. 7th CME and workshop on “Pharmacovigilance for patient safety”  
3. 2nd CME and workshop on “Pharmacovigilance for our safety” for Nurses working in associated hospitals of MAMC. |
2) National Symposium “Recent advances in Parkinson’s Disease” on 16th Feb. |
| Radiodiagnosis | Delhi Imaging Update.  
4th AIIMS MAMC PGI Imaging Course Series, 5th Course on Genitourinary Imaging. |
| Radiotherapy | 1. International Symposium on Medical Imaging  
2. Physics and Image Guidance in Radiotherapy under the aegis of American Association of Medical Physicists in Medicine and Association of Medical Physicists of India. |
<table>
<thead>
<tr>
<th>Surgery</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) ENDOLAP MAMC, 4th International Conference of Delhi State Chapter of SELSI, 1st – 3rd March 2019.</td>
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<tr>
<td>3) MASHAAL 2.0, at Anandwan, Maharashtra from 14- 18th August 2019.</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Departments of GIPMER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biochemistry</td>
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</tbody>
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<table>
<thead>
<tr>
<th>Cardiology</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. 5th MAMC-MFM Update on Pregnancy with heart disease for postgraduate students and practitioners being organized with Department of Obstetrics and Gynecology, MAMC.</td>
</tr>
<tr>
<td>3. Workshop for transcatheter aortic valve implantation Dr. Marian Branny from Czech Republic delivered a guest lecture on Hemodynamics in TAVR on 01/05/2019.</td>
</tr>
<tr>
<td>5. Seminar on His Bundle Pacing and Physiological pacing was organized on 21/12/2019 and Pioneer faculty Dr. Xingbin Liu from West China Hospital, Sidman University, China delivered a guest lecture.</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>CTVS</th>
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<tbody>
<tr>
<td>Public Awareness lecture, World heart Day 28-9-2019</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Neurology</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. EEG Workshop (½day symposium) by US faculty at GIPMER on 31.5.19</td>
</tr>
<tr>
<td>2. MS Day Symposium (½ day symposium) by National faculty on 31.5.19</td>
</tr>
<tr>
<td>3. Migraine day celebration as a part of World Brain day on 22nd July, 2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Neurosurgery</th>
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</thead>
<tbody>
<tr>
<td>1) DNA CONFERENCE 2019</td>
</tr>
<tr>
<td>2) 17th NSI Teaching Course</td>
</tr>
<tr>
<td>3) Workshop on microvascular anastomosis</td>
</tr>
<tr>
<td>4) Workshop on Drilling and drilling technique</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pathology</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. &quot;Prostate Cancer in the 21st Century&quot; – talk by Dr Aiman Haider</td>
</tr>
<tr>
<td>2. Digitization in Pathology – talk by Dr Juan Rotamero May – 2019.</td>
</tr>
<tr>
<td>3. Annual meeting of Delhi chapter of IAPM – DAPCON – with MAMC – March 2019</td>
</tr>
</tbody>
</table>
**REPRESENTATION ON EXPERT COMMITTEES**

A large number of faculty members have been named as representatives/nominated as experts for committees.

<table>
<thead>
<tr>
<th>Department</th>
<th>Faculty members</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anesthesia</td>
<td>Dr Kirti Nath Saxena, Dr J.S. Dali, Dr Munisha Agarwal, Dr Kavita R. Sharma, Dr Anju R. Bhalotra, Dr Sonia Wadhawan, Dr Bharti Wadhwa, Dr Mona Arya, Dr Kapil Choudary, Dr Lalit Gupta, Dr Sukhyanti Kerai.</td>
</tr>
<tr>
<td>Anatomy</td>
<td>Dr Neelam Vasudeva, Dr Sabita Mishra, Dr Anita Tuli, Dr Dinesh Kumar, Dr Anita mahajan and Dr Swati Tiwari</td>
</tr>
<tr>
<td>Biochemistry</td>
<td>Dr. Pramod Lali, Dr. B.C. Koner, Dr. Lal Chandra, Dr. Smita Kaushik, Dr. Binita Goswami</td>
</tr>
<tr>
<td>Community Medicine</td>
<td>Dr. Suneela Garg, Dr GS Meena, Dr Nandini Sharma, Dr. MM Singh, Dr Panna Lal, Dr. Bratati Banerjee, Dr Rajesh Kumar, Dr. Nidhi Bhatnagar.</td>
</tr>
<tr>
<td>Dermatology</td>
<td>Dr. Bijaylaxmi Sahoo, Dr. Rashmi Sarkar, Dr. K.D. Barman, Dr. Vineet Relhan</td>
</tr>
<tr>
<td>ENT</td>
<td>Dr. Ishwar Singh, Dr. J.C. Passey, Dr. H.C. Taneja, Dr. Ravi Meher, Dr. Vikas Malthora, Dr Shruti Dhangra, Dr Anjan Kumar Sahoo</td>
</tr>
<tr>
<td>Forensic Medicine</td>
<td>Dr S K Khanna, Dr Anil Kumar Mittal, Dr. Anil Aggrawal , Dr. Sreenivas M, Dr. Aman Deep Kaur, Dr. Dhiraj, Dr. Monisha Pradhan.</td>
</tr>
<tr>
<td>Medicine</td>
<td>Dr Ahlawat, Dr Daga, Dr Suressh, Dr Sunita , Dr Sandeep.</td>
</tr>
<tr>
<td>Microbiology</td>
<td>Dr C. P. Baveja, Dr Vikas, Dr Rohit Chawla, Dr Prabhav Aggarwal</td>
</tr>
<tr>
<td>Neonatology</td>
<td>Dr Ajay Kumar , Dr. S. Ramji, Dr Ashish Jain</td>
</tr>
<tr>
<td>OBG</td>
<td>Dr Ashok Kumar</td>
</tr>
<tr>
<td>Orthopaedics</td>
<td>Dr. Vinod Kumar, Dr. Sumit Sural, Dr. Lalit Maini, Dr. Sumit Arora , Dr Pritish Singh</td>
</tr>
<tr>
<td>Paediatric</td>
<td>Dr. U. Jhamb, Dr. S. Yadav, Dr Seema Kapoor, Dr. D.Mishra, Dr. Anurag Agarwal, Dr. Romit Saxena</td>
</tr>
<tr>
<td>Paediatric Surgery</td>
<td>Director Prof. YK Sarin, Prof. SK Ratan</td>
</tr>
<tr>
<td>Pathology</td>
<td>Dr. Shyama Jain, Dr Nita Khurana, Dr. Sarika Singh, Dr. Shramana Mandal</td>
</tr>
<tr>
<td>Pharmacology</td>
<td>Dr. Vandana Roy, Dr Shalini Chawla, Dr Bhupinder Kalra, Dr Vandana Tayal</td>
</tr>
<tr>
<td>Physiology</td>
<td>Dr. Damor Robinson Dr. Daya Ram Haldwani, Dr Aarti Sood Mahajan, Dr Preeti Jain, Dr. Payal Bhalla, Dr Ravi kaushik</td>
</tr>
<tr>
<td>Pulmonary Medicine</td>
<td>Dr. Naresh Kumar</td>
</tr>
<tr>
<td>Radiodiagnosis</td>
<td>Dr. Anju Garg, Dr. Gaurav S Pradhan, Dr. Alpana Manchanda, Dr. Rashmi Dixit, Dr. Anjali Prakash, Dr. Sapna Singh , Dr. Jyoti Kumar, Dr. Swati Gupta, Dr. Radhika Batra</td>
</tr>
<tr>
<td>Radiotherapy</td>
<td>Dr. K. Singh, Dr. A. K. Rathi, Dr. Savita Arora</td>
</tr>
<tr>
<td>Surgery</td>
<td>Dr Pawanindra Lal, Dr C B Singh, Dr Pawan Lal, Dr Sushanto Neogi, Dr Anubhav Vindal, Dr Deepak Ghuliani, Dr Anurag Mishra, Dr Lovenish Bains</td>
</tr>
</tbody>
</table>

**Departments of GIPMER**

| Anaesthesia            | Dr. Preeti Ganjoo, Dr. Monica Trandon |
| Biochemistry           | Dr Manju Subberwal, Dr. V.K. Gupta, Dr Pradeep Kumar Dabla, Dr. Bhawna Mahajan, Dr Ranjna Chawla |
| Cardiology             | Dr. Sanjay Tyagi, Dr Vijay Trehan, Dr. Saibal Mukhopadhyay, Dr. Vimal Mehta, Dr. Mohit Gupta |
| CTVS                   | Dr Geelani |
| Gastroenterology       | Dr. A S Puri, Dr. BC Sharma, Dr. Sanjeev Sachdeva, Dr. Siddharth Srivastava Dr. Ajay Kumar |
| Microbiology           | Dr Archana Thakur, Dr Poonam Sood Loomba, Dr Bibhabati Mishra, Dr Abha Sharma |
| Neurology              | Dr Debashish Chowdhury, Dr Sanjay Pandey |
| Neurosurgery           | Dr Daljit Singh, Dr Anita Jagetia, Dr A K Srivastava, DR Hukum Singh |
| Pathology              | Dr Puja Sakhija, Dr. R K Saran |
| Radiodiagnosis         | Dr Sunil Kumar Puri, Dr Satbir Singh Dr Ashok Sharma Dr Poonam Narang Dr Kalpana Bansal |
## SERVICE OF THE COMMUNITY

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Department</th>
<th>Services</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Anaesthesia</td>
<td>Medical Safety Audits and credentialing of more than 15 partner hospitals of Smile Train India, across the country.</td>
</tr>
<tr>
<td>3.</td>
<td>Community medicine</td>
<td>Four health centers</td>
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<tr>
<td>4.</td>
<td>Paediatrics</td>
<td>Expansion of emergency and PICU services, Start of dedicated pediatric oncology services Interphase FISH for 21, 18, 13, Specialty clinic- Primary Immuno-deficiency Disorders.</td>
</tr>
<tr>
<td>5.</td>
<td>Pathology</td>
<td>Stree Shakti Programme, Cancer Control, Programme &amp; pulse polio programme</td>
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<tr>
<td>6.</td>
<td>Pharmacology</td>
<td>Monitoring of Adverse Drug Reactions, Improving availability &amp; rational use of medicines in public health facilities</td>
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<tr>
<td>7.</td>
<td>Physiology</td>
<td>Help to poor socio-economic students</td>
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</tbody>
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### Departments of GIPMER

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Department</th>
<th>Services</th>
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<tbody>
<tr>
<td>9.</td>
<td>Anaesthesia</td>
<td>Medical advisor for students at MUSKAAN 'Parent Association for the Care and Empowerment of Individuals with Intellectual Disability'.</td>
</tr>
<tr>
<td>11.</td>
<td>Cardiology</td>
<td>1. Talk on Nurses day &quot;Easy Life for Busy People&quot;, Secrets of healthy and Happy Life.</td>
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<td>2. Talk on &quot;Secrets of Stress management, self-transformation, healthy lifestyle and various life style modifications.</td>
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<td></td>
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<td>3. Department organizes and participates in various programme on prevention of heart diseases.</td>
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<td>4. Yoga center of the department helps the cardiac patients in prevention and lifestyle management</td>
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<tr>
<td>12.</td>
<td>Gastroenterology</td>
<td>Hepatitis-B Awareness Program for World Hepatitis Day</td>
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<tr>
<td>13.</td>
<td>Microbiology</td>
<td>Hepatitis B vaccination of all health care workers of the Hospital</td>
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<tr>
<td>14.</td>
<td>Neurology</td>
<td>1. Five talks on DD National and 1 talk on All India radio by Dr. Debashish Chowdhury.</td>
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<td></td>
<td>2. Migraine day celebration as a part of World Brain day on 22nd July, 2019.</td>
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<td></td>
<td>3. 2-day comprehensive training in epilepsy of around 500 staff members including Medical officers, nurses, caretakers at Asha Kiran complex, home for mentally challenged persons, Rohini, Delhi under the Department of Social welfare, Govt. of NCT of Delhi.</td>
</tr>
<tr>
<td>15.</td>
<td>Neurosurgery</td>
<td>“World Brain Tumor Day”</td>
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<tr>
<td>16.</td>
<td>Radiodiagnosis</td>
<td>Pulse polio program</td>
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## FACILITIES ADDED TO THE INSTITUTION

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Department</th>
<th>Facilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Biochemistry</td>
<td>A new capillary electrophoresis apparatus with quantification of the fractions have been started. Special coagulation profile. Protein C and S, factor VIII.</td>
</tr>
<tr>
<td>2.</td>
<td>Dermatology</td>
<td>Patch Testing- A technique to detect the causative allergen in cases of Allergic Contact Dermatitis was started in the Contact Dermatitis Special Clinic and includes 3 series of allergens-Indian Standard Series, Cosmetic Series, Footwear Series.</td>
</tr>
<tr>
<td>3.</td>
<td>Microbiology</td>
<td>HBV&amp; HCV viral load PCR, Anti-HBs. Antibodies quantitative, Zika Virus IgM &amp; IgG ELISA, Anti-CMV IgG avidity ELISA, Anti- Rubella IgG, Anti-measles IgG antibodies in CSF ELISA, Anti-mumps antibodies quantitative ELISA, Anti-VZV IgG antibodies quantitative ELISA, Japanese encephalitis IgM in CSF ELISA, West Nile Virus IgM, EBV VCA- IgM ELISA, EBV VCA- IgG ELISA, Anti-HSV 1 &amp;2 IgM in CSF. ELISA, PCR for Urine CMV, PCR for Bacterial, Viral Meningitis, JEV, EBV, HSV1&amp;2.</td>
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<tr>
<td>4.</td>
<td>Ophthalmology</td>
<td>Hospital Cornea retrieval</td>
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<tr>
<td>5.</td>
<td>Pathology</td>
<td>Elisa reader, 6 part hematology analyser, Thermocycler, Pap Smear reporting started</td>
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<tr>
<td>6.</td>
<td>Pharmacology</td>
<td>The Post graduate and experimental research laboratory has been upgraded. Two more new laboratories- Pharmacogenomic and Chromatography laboratory are in process of being prepared.</td>
</tr>
<tr>
<td>7.</td>
<td>Radiodiagnosis</td>
<td>A state of the art, Full Field Digital Mammography with Breast Tomosynthesis equipment was installed in the Department.</td>
</tr>
<tr>
<td>8.</td>
<td>Radiotherapy</td>
<td>CT Simulator installed, Multispecialty tumor board started with Pathology, Radiodiagnosis and other Departments, Musculoskeletal tumor board started in coordination with Department of Orthopedics, Gastrointestinal tumor board in coordination with department of gastroenterology and gastrosurgery, GBPH.</td>
</tr>
<tr>
<td>9.</td>
<td>Cardiology</td>
<td>New State of the art Ambulatory ECG monitoring system with 10 recorders were installed. In collaboration with Obstetric Department MAMC and LN Hospital, an Out Patient Clinic specifically catering to Pregnant women with heart diseases has been started since December 2019, a first of a kind initiative among Delhi Government Hospitals and Medical Colleges.</td>
</tr>
<tr>
<td>10.</td>
<td>Gastroenterology</td>
<td>POEM procedure for Achalasia cardia, Therapeutic Drug Monitoring (TDM) for IBD on Biological Drugs</td>
</tr>
<tr>
<td>11.</td>
<td>Microbiology</td>
<td>Lyophilisation of bacterial strains, Internal quality control</td>
</tr>
<tr>
<td>12.</td>
<td>Neurology</td>
<td>State of Art Neurophysiology Lab upgraded and relocated</td>
</tr>
<tr>
<td>13.</td>
<td>Pathology</td>
<td>Electron Microscope : Installed and functional, Three Post Graduate seats in Pathology created with approval of MCI.</td>
</tr>
<tr>
<td>14.</td>
<td>Psychiatry</td>
<td>Child &amp; adolescent psychiatry and Juvenile de-addiction special clinic- once a week each.</td>
</tr>
<tr>
<td>15.</td>
<td>Radiodiagnosis</td>
<td>3T MRI machine, MD (04 students) course was started</td>
</tr>
</tbody>
</table>
V. STUDENTS

1. ENROLMENT

During 2019, 250 students were admitted to M.B.B.S. course.

In the 33 full time courses leading to various post graduate degrees, diplomas and post doctoral 202 doctors were enrolled. During 2019, a total of 1320 under graduates (MBBS) were on the rolls of the college.

There are 200 interns and 497 doctors pursing postgraduates courses. Nearly 236 undergraduate students received financial assistance either from government or other agencies.

Our students have invariably excelled, both in the academic as well as extra curricular activities. Their performance in MBBS and MD /MS examinations has been remarkable. They have won many awards, medals and prizes received commendations by various National and State Organizations. It is a matter of pride that the students trained in this Institution complex command great respect and enjoy recognition abroad as well.

2. EXAMINATIONS

ROLL OF HONOUR – 2019

MBBS STUDENTS
(BASED ON MARKS OBTAINED IN THE UNIVERSITY EXAMINATION)

FIRST MBBS      MS. OJASVINI BALI
SECOND MBBS     MS. ANNESHA CHAKRABORTY
THIRD MBBS (PART-I) MS. SHAGUN BATRA
THIRD MBBS (PART-II) MS. NEHA BAIJAL

BDS STUDENTS
(BASED ON MARKS OBTAINED IN THE UNIVERSITY EXAMINATION)

FIRST BDS      MEHAK JAIN
SECOND BDS     AKSHITA MEHTA
THIRD BDS (PART-I) ARCHANA
THIRD BDS (PART-II) AARZOO PATHAK
### 3. LIST OF TOP TEN RANKED STUDENTS OF PROFESSIONAL EXAMINATION WITH MARKS

<table>
<thead>
<tr>
<th></th>
<th>1ST MBBS 2019</th>
<th></th>
<th>2ND MBBS 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rank No.</td>
<td>NAME OF THE STUDENT</td>
<td>Rank No.</td>
<td>NAME OF THE STUDENT</td>
</tr>
<tr>
<td>1</td>
<td>Ms. Ojasvini Bali</td>
<td>1</td>
<td>Ms. Annesha Chakraborty</td>
</tr>
<tr>
<td>2</td>
<td>Mr. Ritvik Kumar Sahoo</td>
<td>2</td>
<td>Ms. Harshita Choudhary</td>
</tr>
<tr>
<td>3</td>
<td>Ms. Nishtha Agrawal</td>
<td>3</td>
<td>Ms. Riya tyagi</td>
</tr>
<tr>
<td>4</td>
<td>Ms. Jyoti Antil</td>
<td>4</td>
<td>Ms. Ishika Gupta</td>
</tr>
<tr>
<td>5</td>
<td>Ms. Kalpana Kumari</td>
<td>5</td>
<td>Ms. Dhaairyya Bansal</td>
</tr>
<tr>
<td>6</td>
<td>Mr. Nikhil Gupta</td>
<td>6</td>
<td>Ms. Anubha Mangla</td>
</tr>
<tr>
<td>7</td>
<td>Mr. Rudraksh Goel</td>
<td>7</td>
<td>Ms. Urvi Arya</td>
</tr>
<tr>
<td>8</td>
<td>Ms. Shivani Gupta</td>
<td>8</td>
<td>Ms. Yukti Arora</td>
</tr>
<tr>
<td>9</td>
<td>Mr. Rahul Kumar</td>
<td>9</td>
<td>Ms. Mansi Arora</td>
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<td>Ms. Shagun Batra</td>
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<td>Ms. Anjali Birla</td>
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<td>Ms. Shweta Koli</td>
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# 4. LIST OF AWARDEES

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<tr>
<th>S. No</th>
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</table>
| 1 | Ms. Neha Baijal | Dr. MADAN GOPAL SATYA DEVI GARG MEDAL  
Best Student in Final MBBS University Exam  
DR. P.P. GOEL GOLD MEDAL  
Stood 1st in the Final MBBS  
PROF. SWARAJ BATRA GOLD MEDAL  
Best Final Year MBBS girls student  
KALAWATI JAGAN NATH SINGH MEMORIAL AWARD  
Best Student in Pediatrics  
DR. K.C. GOYAL AWARD  
Best two Final MBBS Students  
LORD SHIVA CHARITABLE TRUST  
For best girl student in Medicine in Final MBBS Exam  
CAPT. S.S. RAMPAL GOLD MEDAL  
Best student in Medicine & Surgery  
DR.O.P. TANEJA MEMORIAL AWARD  
Best Student in Surgery  
SMT. MOHINDER KAUR MEMORIAL AWARD  
Best Student in Surgery  
GEN. D.R. THAPAR GOLD MEDAL  
Best student in Surgery (University Marks+ Internal Assessment)  
DR. S.N. MUKHERJEE GOLD MEDAL  
Best student in Obstt. & Gynae  
DR. DHARAMVIR GOLD MEDAL  
Best Medical Graduate |
| 2 | Mr. Ayush Agarwal | DR. K.C. GOYAL AWARD  
Best two Final MBBS Students  
DR. K.K. MODAWAL MEMORIAL GOLD MEDAL  
Best student in Medicine  
DR. SANJAY SIDHWA MEMORIAL GOLD MEDAL  
Best student in Medicine  
CAPT. S.S. RAMPAL GOLD MEDAL  
Best student in Medicine & Surgery |
| 3 | Mr. Sushant Agarwal | COL. BARKAT NARAIN MEMORIAL GOLD MEDAL  
Best student in P.S.M. |
| 4 | Ms. Anjali Birla | Smt. PARVATI DEVI MEMORIAL AWARD  
Best student in Ophthalmology |
| 5 | Mr. Divyansh Goyal | Smt. PARVATI DEVI MEMORIAL AWARD  
Best student in Ophthalmology |
| 6 | Ms. Priyanka Soren | SHIV RAM VIDYAWANTI KAKKAR MEMORIAL AWARD  
Best student in E.N.T.  
Sota Saharia Gold Medal  
Best Student in highest marks in consolidated Eye & ENT. |
| 7 | Ms. Aneesha Chakarborty | DR. R.P. KHERA MERIT AWARD  
Best student in Microbiology [passed degree in 1st attempt in all the exam and secured Max. marks in Micro.]  
SARLA DEVI GOLD MEDAL  
Best student in Pharmacology (University+ Internal Assessment) |
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| 8 | Ms. Shagun Batra         | COL. TANEJA GOLD MEDAL  
Best student in II MBBS                     |
| 9 | Ms. Yukti Arora          | DR. TULSI RAM GOLD MEDAL  
Best student in Pathology ((University + Internal Assessment) |
| 10| Ms. Ojasvini Bali        | KUMARI MALLAMPALLI PADMAVATI MEMORIAL PRIZE  
Best Girl student in 1st MBBS University Exam.  |
|   |                          | RACHNA SRIVASTAVA MEMORIAL GOLD MEDAL  
Best student in Biochemistry            |
|   |                          | DR. HUKAM CHAND GOLD MEDAL  
Best student in Anatomy (Based on Univ. & Internal assessment Marks) |
|   |                          | LATE PROF. VISHWA MITTER CHARNALIA ENDOWMENT AWARD  
For BEST Student in Anatomy          |
| 11| Mr. Ritwik Kr. Sahoo     | MAMC-APPI SILVER JUBILEE AWARD  
Best student for all round performance in the in subject of Physiology /  
Best student in Physiology on the basis of highest percentage of marks in  
the 1st MBBS University Exam          |
|   |                          | SMT. SHAKUNTALA SETHI AWARD  
Best student in 1st MBBS                |
| 12| Ms. Aarzoo Pathak        | N.C. SANGAL MEMORIAL GOLD MEDAL  
Best student in Conservative Dentistry   |
|   |                          | P. P. Sahni Award  
Top BDS Final Year Student                |
| 13| Dr. Kunal Kumar          | DR. MANOJ KAPOOR MEMORIAL MEDAL  
Best P.G. 3rd Year student in Pediatrics |
| 14| Dr. Lity Dhar            | DR. R.P. MATHUR MEMORIAL AWARD  
Best 3rd year outgoing Junior Resident in Pathology |
|   | And Dr. Deepika          |                                                                                     |
| 15| Dr. Chandan Sharma       | DR. SUDHIR REHAN MEMORIAL AWARD  
Best 3rd year outgoing P.G. student in Medicine |
| 16| Dr. Pawanindra Lal       | ALUMNUS AWARD                                                                 |
|   | Dr. Rajesh Sagar         |                                                                                     |
| 17| Dr. Jagriti              | PYARELAL SHARMA & BISHAN DEVI GOLD MEDEL  
For best thesis in clinical Department |
|   | Dr. Gayathri Ranie      |                                                                                     |
| 18| Dr. Deepika              | PYARELAL SHARMA & BISHAN DEVI GOLD MEDEL  
For Best Thesis in Non-Clinical Department |
| 19| Ms. Roohi Sobti          | P.L. KHURANA MEDAL  
Best student in Dental Surgery           |
| 20| Mr. Saharsh Singh        | DR. VIDYA RATTAN SEHGAL M.D. AWARD  
For all round performance in MBBS (sports & extra-curricular activities) |
| 21| Ms. Navita Jain          | DR. K.B. SHARMA ROLLING TROPHY  
For best contribution to corporate life of college |
| 22| Ms. Bhavya Swarankar     | PROF. V.N. SEHGAL MEDAL  
For excellence in MD (Dermatology including Leprosy & STD) –on the  
basis of internal assessment, excellence in Exam. followed by a special  
via-voce.                             |
| 23| Ms. Navita Jain          | LT. GOVERNOR’S ROLLING TROPHY  
For all round MBBS Student               |
| 24| 1. Paediatrics Department| FLEMMING TROPHY  
For the best Research work in the Clinical Deptt. |
|   | 2. Community Medicine    |                                                                                     |
| 25| Dr. Surbhi Wadhwa        | Dr. BISHAN SWAROOP MATHUR  
Young Scientist Award                     |
| 26| Mr. Pranav Mohan Singhal| Dr. R P Gupta Memorial Gold Medal  
Best PG in Surgery                        |
# List of MBBS Students

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<th>Batch</th>
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<td>Suchita Jain</td>
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<td>168</td>
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<td>172</td>
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<td>Swapnil Suman</td>
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<tr>
<td>1</td>
<td>ANATOMY</td>
<td>DR. MALVIKA GUPTA</td>
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<td>DR. MOUSUMI SAHA</td>
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<td>2</td>
<td>ANAESTHESIA</td>
<td>DR. DEEPAK G.P</td>
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<td>DR. DEEPAK KUMAR</td>
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<td>DR. KULDEEP SINGH</td>
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<td>3</td>
<td>BIOCHEMISTRY</td>
<td>DR. ELIZABETH ZOTHANMAWII</td>
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<td>DR. KAUSHAL PARKASH</td>
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<td>4</td>
<td>COMMUNITY MEDICINE</td>
<td>DR. ISHAN ROHATGI</td>
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<td>DR. KARAN CHHABRA</td>
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<td>DR. KARTHIKEYAN P</td>
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<td>DR. MAHANTESH PARAPPA GANIGER</td>
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<td>5</td>
<td>DERMATOLOGY</td>
<td>DR. MAONGTOLA JAMIR</td>
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<td>DR. NILADRI DAS</td>
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<td>DR. POOJA ANAND</td>
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<td>DR. PRABHU. V</td>
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<td>6</td>
<td>FORENSIC MEDICINE</td>
<td>DR. ANKITA</td>
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<td>DR. CHARU SAGAR</td>
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<td>DR. MONIKA YADAV</td>
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<td>7</td>
<td>MEDICINE</td>
<td>DR. ANSHUL VERMA</td>
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<td>MICROBIOLOGY</td>
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<td>9</td>
<td>OBSTETRICS &amp; Gynaecology</td>
<td>DR. ANKITA</td>
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<td>DR. CHARU SAGAR</td>
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<td>OPHTHALMOLOGY</td>
<td>DR. ANKITA</td>
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<td>DR. CHARU SAGAR</td>
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<td>DR. MONIKA YADAV</td>
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<td>ORTHOPAEDICS</td>
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<td>DR. Keshave Singh</td>
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<td>DR. Nishant Bhatia</td>
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<td>PAEDIATRICS</td>
<td>DR. Akshita Soni</td>
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<td>DR. Mohsina Naj</td>
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<td>DR. Naina Kashyap</td>
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<td>1</td>
<td>M.CH (PAEDIATRIC SURGERY)</td>
<td>DR. NITIN JAIN</td>
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<td></td>
<td></td>
<td>DR. PRASHANT K. ZULPI</td>
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<tr>
<td>2</td>
<td>D.M (NEONATOLOGY)</td>
<td>DR. SOMALIKA PAL</td>
</tr>
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</table>
VI: MISCELLANEOUS

AUDITORIUM AND LECTURE THEATRES

Auditorium is centrally air conditioned and well equipped with both audio & visual facility conducive for holding conferences and cultural events. The different lecture theaters at Maulana Azad Medical College are all centrally air conditioned and are fitted with audio-visual facility for holding lectures and organizing Seminars and Symposium.

EQUIPMENT AND STORES

Modern methods of the inventory control for maintaining the cost economy, optimal level of stock and checking of wastage have been put into operation. The purchases are approved by a purchase committee.

ANIMAL HOUSE (Pharmacology)

Head of Department: Dr. Vandana Roy, Director Professor

Faculty: Dr. Akhilesh Mishra, Veterinary Officer

The Central Animal Facility is utilized by multiple departments. At present Department of Pharmacology, Physiology & Bio-chemistry are utilizing the facility. The CAF is working as per Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA) guidelines and it is reviewed by CPCSEA nominee annually.

New facilities added:

A routine health monitoring laboratory setup for experimental animals has been added.
SPIC MACAY chapter

Student orientation of SPIC MACAY (Society for Promotion of Music Art & Culture Amongst Youth) activities. Dr Vandana Roy is the Faculty Coordinator.

To sensitize the First Year students of the college an orientation session was held on August 22nd 2019. Ms Sarawati (Delhi Coordinator, SPIC MACAY) and Mr Anish Mishra, Ms Sahitya Rajagopal (Volunteers, SPIC MACAY) gave them a overview of the activities of SPIC MACAY. The club organized a bhataynatyam Dance Recital by Ms Dakshina Vaidyanathan Baghel.

The college organized a Heritage festival- Virasat 2019, in collaboration with SPIC MACAY from April 2nd to 7th, 2019. The following artists performed and interacted with the students and staff in the college.

Nadaswaram by Shri T.V.S Kunduswamy & troupe, Geeta Chandran (Padma Shri), (Bharatnatyam recital). Accompanied by: Shri S. Shankar (Nattuvangam), Shri K. Venkateswaran (Vocal), Shri Manohar Balatchandirane (Mridangam), Shri Raghavendra Prasath (Violin), Madhura Bhrushundi (Dance Assistant), Pt. Shubhendra Rao (Sitar), Smt. Saskia Rao-de Haas (Cello), Shri Ashish Sengupta (Tabla), Char Yaar (Sufi music), Shri Madan Gopal Singh (Vocal), Shri Deepak Castelino (Guitarist, Banjo), Shri Pritam Ghosal (Sarod), Shri Amjad Khan (Percussion). Ustaad Sultan Hussain Niyazi & troupe (Qawwali).

Madhubani painting workshop by Shri Avdhesh Kumar Karn & Smt. Anubha Karn
Heritage walk: Sunder Nursery (near Humanyun’s Tomb) with Smt. Aradhana Sinha
The students organized a painting exhibition and decorated the ground floor corridors and foyer of Pathology block.
Gurukool

1. Interns' Orientation- On Jan 1, 2019.
2. Outreach programme to Gadchiroli, Maharashtra from Jan 5-10, 2019.
3. Vivekanand Jayanti Celebrations on 12th Jan
4. Picnic to Deer Park: A picnic for students and faculty on 13th Jan, 2019.
5. Chaupal: weekly meetings
7. VIHASA: The second session with the theme being "Cooperation" on March 30, 2019.
8. Nutrition Workshop - In association with Physicians Committee for Responsible Medicine. This was followed by screening of the documentary "What The Health" on July 5, 2019.
10. Campus Tour : August 8-9, for the first years.
11. Surviving MBBS:The second edition of "Surviving MBBS 101" a unique concept event based on the Human Library format was organized by MAMC Times on August 20, 2019.
12. MASHAAL: A Leadership program for Health System Strengthening” with 23 participants comprising of students, residents and faculty from institutes like MAMC &UCMS (Delhi), KEM&LTMC (Mumbai), PGI (Chandigarh), and BJMC (Pune) at unique location of Gadchiroli, Maharashtra. The program was from 14th to 18th of August.
13. 3rd Semester Orientation :To highlight the importance of clinical postings.
14. MAMC Dialogues :To mark Teacher’s day and also the foundation day of Gurukool, with speakers from different walks of life.
15. I LOVE MAMC; The constructed artwork, is a highlight of MAMC campus now and forever.
16. Medical checkup camp at Prahladpur to celebrate birthday of Mahatma Gandhi on 2nd October.
17. World Mental Health Day: DOST set up a Happiness Counter at Nesci, Maulana Azad Medical College on 10th October.
PART- II

DEPARTMENT WISE REPORT

A. DEPARTMENT OF MAMC

Information Report for the period from 01/01/2019 to 31/12/2019

ANATOMY

1. Name of the Head of the Department: Dr. Sabita Mishra

<table>
<thead>
<tr>
<th>S.No.</th>
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<tbody>
<tr>
<td>1</td>
<td>Dr.Neelam Vasudeva</td>
<td>Director Professor</td>
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<td>2.</td>
<td>Dr.Sabita Mishra</td>
<td>Director Professor</td>
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<tr>
<td>3.</td>
<td>Dr.R.Q. Khan</td>
<td>Professor</td>
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<td>4.</td>
<td>Dr.Dinesh Kumar</td>
<td>Professor</td>
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<td>5.</td>
<td>Dr.Anita Mahajan</td>
<td>Professor</td>
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<tr>
<td>6.</td>
<td>Dr.Surbhi Wadhwa</td>
<td>Associate Professor</td>
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<td>7.</td>
<td>Dr.Babita Pangtey</td>
<td>Associate Professor</td>
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<td>8.</td>
<td>Dr.Preeti Goswami</td>
<td>Associate Professor</td>
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<td>9.</td>
<td>Dr. Swati Tiwari</td>
<td>Assistant Professor</td>
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<td>10.</td>
<td>Dr. Shikha Singh</td>
<td>Assistant Professor</td>
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<tr>
<td>11.</td>
<td>Dr. Anita Tuli</td>
<td>Consultant</td>
</tr>
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2. Members who have left during the period: Nil

3. Additions to the Faculty during the period:

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Name of the Faculty</th>
<th>Designation</th>
<th>Whether newly joined/promotion</th>
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<tr>
<td>1</td>
<td>Dr.Anita Tuli</td>
<td>Consultant</td>
<td>Re-employment</td>
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</tbody>
</table>

4. Research Scheme:

i) On going project:
   a) Expression of Ghrelin in developing human stomach. Dr S Mishra, Dr. N.Vasudeva supported by Govt of NCT under the plan scheme “Strengthening of Medical Research at MAMC”.
   b) Stereological quantification of human fetal gastric mucosa. Dr. Babita Pangtey, Dr S Mishra, Dr. N.Vasudeva supported by Govt of NCT under the plan scheme “Strengthening of Medical Research at MAMC”.
   c) Stereoscopic anatomy of the petrous part of the temporal bone and skull base. Dr. Surbhi Wadhwa, Dr S Mishra, Dr. N.Vasudeva supported by Govt of NCT under the plan scheme “Strengthening of Medical Research at MAMC”.
   d) Expression of Aquaporin 1 & 2 in the developing human kidney. Dr Surbhi Wadhwa.
   e) New cadaveric preservation technique- Modified Thiel Embalming. Dr. Preeti Goswami, Dr. N.Vasudeva, Dr. Dinesh Kumar supported by Govt of NCT under the plan scheme “Strengthening of Medical Research at MAMC”.
   f) Karyotyping of foetal blood sample of foetuses received for autopsy in the Department of Anatomy. Dr Anita Mahajan, Dr Dinesh Kumar, Dr Neelam Vasudeva, Dr Sabita Mishra supported by Govt of NCT under the plan scheme “Strengthening of Medical Research at MAMC”.

(b) Details of thesis completed during current year:
Dr Sabita Mishra was Co-supervisor for thesis for degree of MD Physiology entitled ‘Neuroprotective potential of Ellagic acid and Epigallocatechin 3 gallate against 6 hydroxydopamine induced rat model of Parkinson’s disease.’

6. Training course/Conferences/Workshops organized;
A workshop on ‘Preservation Techniques of Human Body-Chemical & Digital Preservation and Museology’ was held on 20th-21st December 2019 with Dr. Sabita Mishra, Chairperson and Dr. Dinesh Kumar, Organizing Secretary.
7. **Publications during the period:**

**Awards**
1) Dr Dinesh Kumar was awarded the FAIMER fellowship in 2019.
2) Dr Surbhi Wadhwa was elected Member of National Academy of Medical Sciences at 59th Convocation of NAMSCON at Bhopal

8. **Books/Chapters/Contributed:**
Dr Sabita Mishra has edited the South Asian edition of Langman’s Medical Embryology. (Publisher: Wolters Kluwer, New Delhi; Year: 2019)

Dr Sabita Mishra, Dr Neelam Vasudeva, Dr Dinesh Kumar, Dr Anita Mahajan,Surbhi Wadhwa, Dr Preeti Goswami, Dr Babita Pangtey, Dr Swati Tiwari and Dr Shikha Singh contributed to several chapters in the workshop handbook on Preservation Techniques of Human Body. Chemical and Digital (3 D Printing) Preservation and Museology, 2019.

9. **Conferences/Workshops/Symposiums attended:**
   a) Dr. Sabita Mishra, Dr Anita Mahajan, Dr Surbhi Wadhwa, Dr Babita Pangtey, Dr Preeti Goswami, Dr Swati Tiwari, Dr Shikha Singh, Dr Shahid Bakhsh, Dr Motiram Khandode, Dr Shilpa Gorla, Dr Nishat Parveen attended the National Conference of Anatomical society of India, NATCON 67, from 18-20th November 2019 at New Delhi
   i. Dr. Preeti Goswami presented a poster on Morphometric study of glenoid cavity with clinical significance.
   ii. Dr. Babita Pangtey attended NATCON 67 held at New Delhi from 18 to 20 November 2019 and presented a poster on Pentology of Cantrell: a case report with rare fetal autopsy findings and embryological annotations.
   iii. Dr Swati Tiwari gave an oral presentation on Stained brain sections: An effective way to study sectional neuroanatomy.
iv. Dr Shikha Singh presented a poster on Multiple variations in branches of abdominal aorta: clinical insight into a unique conglomeration.

v. Dr Nishat Parveen gave an oral presentation on A study of fetal posterior cerebral artery through CT Angiography and clinical significance.

vi. Shahid Baksh Rangrej gave an oral presentation on Variant anatomy of inferior mesenteric artery and its clinical considerations.

vii. Dr Motiram Khandode presented a paper on dorsal wall defect of dry human sacrum with sacralisation of fifth lumbar vertebra and its clinical importance: a case report.

viii. Dr Pooja Dawani gave an oral presentation on Morphometric study of superficial palmar arches of hand: a clinicanoanatomical insight.


c) Dr. Surbhi Wadhwa attended 59th NAMSCON from 12-13th October 2019 at Bhopal.

d) Dr Sabita Mishra, Dr Dinesh Kumar, Dr Shikha Singh, Dr Kahkashan, Dr Motiram and Dr Sabah Yaseen Shah attended CME cum Awareness programme on 'Body & Organ Donation- Live Beyond life' on 18th September 2019 at Government Institute of Medical Sciences, Greater Noida, UP.

e) Dr Shikha Singh Sensitization workshop for Attitude, Ethics and Communication (AETCOM) MODULE organized by MCI, regional centre, at MAMC, New Delhi.

f) Dr Swati Tiwari and Dr Shikha Singh attended the Revised basic course workshop on medical education technologies organized by MCI, regional centre, at MAMC, New Delhi in Dec 2019.

g) Dr Sabita Mishra and Dr Swati Tiwari attended the 37th Annual meeting of the Indian Academy of Neurosciences held at AIIMS New Delhi from Nov 19-21, 2019.

11. Significant Events (Honors to faculty):

a) Dr Sabita Mishra delivered a guest lecture on History of Embalming at CME cum Awareness programme on 'Body & Organ Donation- Live Beyond life on 18th September 2019 at Government Institute of Medical Sciences, Greater Noida, UP.

b) Dr Sabita Mishra delivered a guest lecture on Body Donation at Hamdard Institute of Medical Sciences and Research at New Delhi in Nov 2019.

c) Dr Anita Tuli has reviewed articles for the following journals:
   i. Journal of clinical anatomy
   ii. Brachial plexus
   iii. Journal of anatomical society of india
   iv. Journal of clinical and diagnostic research
   v. Journal of morphology

d) Dr Dinesh Kumar delivered a guest lecture on Legal aspects of body and Organ donation at CME cum Awareness programme on 'Body & Organ Donation- Live Beyond life on 18th September 2019 at Government Institute of Medical Sciences, Greater Noida, UP.

e) Dr Dinesh Kumar delivered a lecture on: Gene Environment Interaction at North East Regional CME 2019 on Infertility, Genetics and Lifestyle - Decoding the Link organized by the Dept. of Anatomy, NEIGRIHMS, Shillong, on 12th September, 2019.

13. Representation on expert Committee/Bodies:-

1) Dr Neelam Vasudeva: Chairperson of Sexual harassment committee
2) Dr Sabita Mishra: Academic officer
3) Dr Sabita Mishra, Dr Anita Tuli, Dr Dinesh Kumar and Dr Swati Tiwari are members of Anatomy and Forensic Sciences Equipment Sectional Committee, MHD 23 under Medical Equipment and Hospital Planning Division Council (MHDC) of Bureau of Indian Standards.
4) Dr. Dinesh Kr.: Purchase Officer, Member of Sports committee and member of PG committee at MCI.
5) Dr. N. Vasudeva and Dr. Dinesh Kumar are honorary faculty members in Department of Medical Education MAMC which conducts National Teachers Training Courses and MCI basic workshops for teaching medical faculty from all over India.
6) Dr Anita Mahajan: Member of PG Protocol Committee and Faculty advisor with Fine arts Committee, PWD committee and Grievance cell.
14. Health Services to the Community:
   1). The entire staff participates in the national programme on Pulse Polio Eradication.
   2. The department participates in awareness drives in the community regarding Voluntary body donation.

15. Lab Data:-
   1) Name of the Lab: Cytogenetics and molecular genetics lab
   2) Name and no. of the test performed: Cytogenetic analysis- 50
      DNA Extraction - 50

16. Any other worth mentioning information
(a) The Department of Anatomy is a centralized facility for embalming.
(b) The Department is recognized center for voluntary body donation.
(c) The Department is Institutional center for Fetal Autopsy.
(d) The Department of Anatomy is a center for the following teaching programs :-
   i. MBBS Bachelor of Medicine and Bachelor of Surgery.
   ii. Bachelor of Dental Sciences.
   iii. B.Sc. Nursing.
   iv. Interdisciplinary postgraduate and superspeciality teaching of Neurosurgery, Cardio- Thoracic Surgery
department of MAMC & GIPMER.
v. Interdisciplinary postgraduate teaching of ENT, Orthopedics and Surgery department of MAMC & LNH.
1. **Name of Head of the Department**: Dr Kirti Nath Saxena

2. **Members who have left during the period**: Dr Preeti Thakur, Specialist Grade II

3. **Additions to the faculty during the period**: Nil

4. **Research Scheme**

   a) **Ongoing project**
      1. Use of proseal laryngeal mask airway with pressure-controlled ventilation with positive end expiratory pressure in improving oxygenation in paediatric population. Dr. Arpit Singh, Dr. UC Verma, Dr. Kavita Rani Sharma, Dr Anju R. Bhalotra, Dr Mona Arya.
      2. Comparision of postoperative stress in children receiving standard perioperative care versus perioperative conditioning by measurement of salivary cortisol levels. Dr. Himanshee Rathi, Dr. UC Verma, Dr. Kavita Rani Sharma, Dr Anju R. Bhalotra.
      3. Role of pleth variability index in predicting the incidence of post spinal hypotension in parturients undergoing caesarean delivery. Dr. Merin Sara Abraham, Dr. UC Verma, Dr. Kavita Rani Sharma, Dr Anju R. Bhalotra, Dr Mona Arya.
      4. Use of nasal cannula for apneoic oxygenation in children undergoing elective surgery under general anaesthesia - a randomised controlled study. Dr. Sohini Ray, Dr Anju R. Bhalotra, Dr. UC Verma, Dr. Kavita Rani Sharma, Dr Mona Arya.
      5. Evaluation of Perfusion index as a determinant of depth of Anaesthesia: correlation with minimum alveolar concentration and bispectral index. Dr. Suraj Desai, Dr Anju R. Bhalotra, Dr. UC Verma, Dr. KN Saxena, Dr Kavita Rani Sharma.
      6. Evaluation of effect of head flexion and extension on depth of orotracheal tube in children. Dr. Praveen Kumar, Dr. UC Verma, Dr Kavita R. Sharma, Dr Anju R. Bhalotra.
      7. Comparative evaluation of ventilation using intraoral mask versus conventional face mask. Dr Keshav Gaur, Dr UC Verma, Dr Kavita R. Sharma, Dr Anju R. Bhalotra.
      8. Evaluation of perfusion index and plethysmographic variability index as determinants of hypotension following induction with propofol. Dr Suraj Deepak Desai, Dr Anju R. Bhalotra, Dr Rahul Singh, Dr UC Verma.
      9. Effect of music therapy on perioperative analgesic requirement in patients undergoing spine surgery under general anaesthesia: A preliminary study. Dr Mousumi Saha, Dr Anju R. Bhalotra, Dr Rahul Singh, Dr UC Verma.
     10. Evaluation of pulse oximeter derived perfusion index as predictor for incidence of hypotension during spinal anaesthesia in elderly. Dr Khusboo, Dr Anju R Bhalotra, Dr Rahul Singh, Dr UC Verma.
     11. Comparative evaluation of efficacy of two different doses of nebulized Ketamine for premedication in children. Dr Khusboo, Dr Anju R. Bhalotra, Dr Rahul Singh, Dr UC Verma.
     12. Desflurane consumption in patients undergoing laparoscopic sleeve gastrectomy receiving Lidocaine versus Dexametomidine infusion. Dr Heena Naaz, Dr Anju R. Bhalotra, Dr Rahul Singh, Dr UC Verma.
     13. Effect of intra operative hemispheric synchronised sounds on depth of anaesthesia and postoperative pain relief in children undergoing infra-umbilical surgeries. Dr. Nishitha Vashist, Dr. Kavita Rani Sharma, Dr. UC Verma, Dr Anju R. Bhalotra.
     14. Effect of left lateral tilt on perfusion index in lower limb of the parturients during caesarean section. Dr Gunjan Kamra, Dr. Kavita Rani Sharma, Dr. UC Verma, Dr Anju R. Bhalotra.
     15. Comparative evaluation of postoperative cognitive dysfunction following general anaesthesia with propofol and isoflurane in elderly patients. Dr Neetha Prabhu, Dr. Kavita R. Sharma, Dr. UC Verma, Dr Anju R. Bhalotra.
     16. A comparative evaluation of two techniques of two-handed mask ventilation in obese adult patients. Dr Ghausala, Dr Kavita R. Sharma, Dr. UC Verma, Dr Anju R. Bhalotra.
     17. Efficacy of granisetron for prevention of post spinal anaesthesia shivering, nausea and vomiting in parturients undergoing Caesarean section. Dr Amardeep Singh, Dr JS Dali, Dr Mona Arya, Dr Kapil Chaudhary
     18. Efficacy of high-volume low-concentration intraperitoneal bupivacaine irrigation for postoperative analgesia in patients undergoing laparoscopic cholecystectomy. Dr Swati Panwar, Dr JS Dali, Dr Mona Arya, Dr Kapil Chaudhary, Dr Sushanto Neogi.

To evaluate the role of pre-operative ultrasound assessment of airway in predicting difficult mask ventilation. Vishrant Kumar K Kushal Shetty, Kapil Chaudhary, J S Dali, Kavita Rani Sharma, Sapna Singh

Best position for laryngeal mask airway removal in deep plane of anaesthesia in children. Dr Kavita Rani Sharma, Dr Shweta Dhiman, Dr Anju R Bhalotra
Audit about awareness of anaesthesia as a speciality among doctors. Dr Kapil Chaudhary

19. Comparative evaluation of different oxygen flow rates through nasal canula on the efficacy of preoxygenation. Dr Kapil Chaudhary, Dr JS Dal, Dr Amardeep Singh, Dr Mona Arya: pilot study done; submitted for College Ethics Committee approval.

20. Comparative evaluation of airtraq optical laryngoscope with Macintosh laryngoscope for endotracheal intubation in the paediatric population. Dr Shruti Kumari, Dr Sonia Wadhawan, Dr Poonam Bhadoria, Dr Amit Kohli. Comparative analysis of airtraq and McGrath video laryngoscope for endotracheal intubation in simulated cervical spine injury patients. Dr Shweta Jain, Dr Poonam Bhadoria, Dr Sonia Wadhawan, Dr Amit Kohli. Comparison of C-mac video laryngoscope and flexible fiberoptic bronchoscope for awake endotracheal intubation in adult patients. Dr Nimma Suresh Chandra, Dr Poonam Bhadoria, Dr Sonia Wadhawan, Dr Amit Kohli. Comprehensive evaluation of combined Peci I and SAP block vs thoracic paravertebral block for post-operative analgesia in patients undergoing modified radical mastectomy. Dr Venkatesh, Dr Sonia Wadhawan, Dr Poonam Bhadoria, Dr Amit Kohli. Role of intubating bougie or stylet for ease of intubation with reinforced endotracheal tube using Airtraq videolaryngoscope. Dr Theresa, Dr Sonia Wadhawan, Dr Poonam Bhadoria, Dr Amit Kohli. Effect of hypotensive anaesthesia on cerebral oxygen saturation during functional endoscopic sinus surgery under controlled ventilation. Dr Nisha, Dr Poonam Bhadoria, Dr Sonia Wadhawan, Dr Amit Kohli. Effect of high flow nasal cannula vs Venturi mask oxygenation after planned extubation in Intensive care unit patients. Dr Mohan, Dr Poonam Bhadoria, Dr Sonia Wadhawan, Dr Amit Kohli. Airtraq optical laryngoscope vs McGrath video laryngoscope for endotracheal intubation in the pediatric patients undergoing elective surgery. Dr Nity, Dr Poonam Bhadoria, Dr Sonia Wadhawan, Dr Amit Kohli. A comparative evaluation of goal directed and conventional intraoperative fluid therapy in major surgeries under General Anaesthesia. Dr Karthik, Dr Amit Kohli, Dr Poonam Bhadoria, Dr Sonia Wadhawan. Correlation of pain perception and fentanyl consumption after major abdominal surgery with CGRP 4218 T/C polymorphisms. Dr Prashant HT, Dr Kirti Nath Saxena, Dr Bharti Wadhwa. Comparative evaluation of effect of operating table height on spinal needle entry angle, ergonomics and comfort of anaesthesiologist. Dr Akula Vijay Kumar, Dr Kirti Nath Saxena, Dr Bharti Wadhwa. Comparative evaluation of baseline heart rate and perfusion index as predictors of post spinal hypotension in parturients undergoing caesarean section. Dr Saurabh Gaur, Dr Bharti Wadhwa, Dr Kirti Nath Saxena. Comparative evaluation of median approach versus Taylor’s approach for success and ease of administration of subarachnoid block. Dr Neha Gupta, Dr Kirti Nath Saxena, Dr Bharti Wadhwa. Comparative evaluation of laryngeal mask airway blockbuster versus intubating laryngeal mask airway for intubation. Dr Ankita Sinha, Dr Kirti Nath Saxena, Dr Bharti Wadhwa. Comparative evaluation of TuoRen videolaryngoscope versus Mackintosh laryngoscope for laryngoscopy and intubation in pediatric age group. Dr Pallavi Doda, Dr Kirti Nath Saxena, Dr Bharti Wadhwa. A comparative evaluation of nebulized dexmedetomidine, ketamine and their combination for preoperative sedation. Dr Kolin Bhardwaj, Dr Bharti Wadhwa, Dr Kirti Nath Saxena. Comparative evaluation of pre-mixed versus sequential administration of fentanyl as an adjuvant to hyperbaric bupivacaine for subarachnoid block in caesarean section. Dr Aakirthi Chaurasia, Dr Bharti Wadhwa, Dr Kirti Nath Saxena. Comparison of two methods for facilitating navigation of thermosoftened endotracheal tube during nasotracheal intubation. Dr Kirti Nath Saxena, Dr Prashant HT, Dr Sukhyanti Kerai, Dr Bharti Wadhwa. Effect of aromatherapy with saline, 70% isopropyl alcohol and ginger oil on postoperative nausea and vomiting in patients of day care laparoscopic cholecystectomy – a prospective, randomized, comparative study. Dr Gaurav Agrawal, Dr Kirti N Saxena, Dr Bharti Wadhwa. Comparison of different methods of nasogastric tube insertion in patients undergoing surgeries under general anaesthesia. Dr Jasmine Kaur, Dr Kirti Nath Saxena, Dr Sukhyanti Kerai, Dr Bharti Wadhwa. Comparison of partially flexed knee position & traditional sitting position for ease of spinal needle placement. Dr Sheetal, Dr Munisha Agrawal, Dr Rakesh Kumar, Dr Neelam Prasad. Efficacy of preoperative oral glucose loading for attenuating perioperative stress response to surgery under general anaesthesia. Dr Archana, Dr Munisha Agrawal, Dr Rakesh Kumar, Dr Neelam Prasad, Dr Binita Goswami. Efficacy of preoperative newer information technology device (video clip) with intranasal dexmedetomidine to allay preoperative anxiety in pediatric population. Dr Mithun KA, Dr Neelam Prasad, Dr Munisha Agrawal. Comparison of SOFA score with and without lactate as outcome predictor among patients admitted in ICU in a tertiary care hospital. Dr Sushmita, Dr Lalita Choudary, Dr Mona Arya.
Comparison of intravenous dexmedetomine, magnesium sulphate and esmolol for attenuation of pressor response to laryngoscopy and endotracheal intubation. Dr Kajol, Dr Lalita Choudary, Dr Mona Arya

b) Details of thesis completed during current year
1. Evaluation of the pulse oximeter perfusion index as an early indicator of successful caudal epidural block in children under general anaesthesia. Dr Ajay Saran, Dr.U.C.Verma, Dr.Kavita Rani Sharma, Dr.Anju R. Bhalotra
2. Comparison of effects of neostigmine with calcium gluconate v/s neostigmine alone on recovery from neuromuscular blockade. Dr Aparna, Dr Anju R. Bhalotra, Dr.U.C.Verma, Dr.Kavita Rani Sharma
3. Evaluation of the effect of head rotation on facemask ventilation in adults under general anaesthesia. Dr Prashant Kumar, Dr.Anju R. Bhalotra, Dr.U.C.Verma, Dr.Kavita Rani Sharma
4. Evaluation of transnasal humidified rapid-insufflation ventilatory exchange for maintaining oxygenation during apnea in patients with difficult airways. Dr Richa Narang, Dr.Kavita Rani Sharma,Dr.U.C.Verma,Dr.Anju R. Bhalotra
5. Comparative evaluation of betamethasone gel and lignocaine jelly on prevention of post-operative sore throat following use of i-gel supraglottic airway. Dr Sandeep Kumar, Dr. Kavita Rani Sharma, Dr. J.S. Dali, Dr .Anju R. Bhalotra
6. Comparative evaluation of Tracheal tube cuff filled with air, saline or alkalinised lidocaine on laryngotracheal morbidity and haemodynamic changes in children.Mallika Kaushal, J S Dali, Kavita Rani Sharma, Mona Arya
7. To assess the contribution of the Nasal passage during Face Mask Ventilation at two different airway pressures.Fahina Perveen, J S Dali, Kavita Rani Sharma, Mona Arya
8. Evaluation of thyromental height and thyromental distance in predicting difficult laryngoscopy- a prospective observational study, Dr Nitin Choudhary, Dr Amit Kohli, Dr Sonia Wadhwana, Dr Poonam Bhadoria.
9. To evaluate four pre-operative airway assessment parameters for prediction of difficult laryngoscopy. Dr Latika Sikriwal, Dr Sonia Wadhwana, Dr Poonam Bhadoria
10. Comparative evaluation of BASKA mask and I-Gel in patients under General anaesthesia with controlled ventilation. Dr Kanupriya Anand, Dr Poonam Bhadoria, Dr Sonia Wadhwana
11. Use of proseal laryngeal mask airway vs endotracheal tube during fibreoptic bronchoscope guided percutaneous dilational tracheostomy in patients of intensive care unit. Dr Sankar Narayanan. A.M., Dr Poonam Bhadoria, Dr Sonia Wadhwana, Dr P.K. Rathore.
12. Comparative evaluation of postoperative pharyngolaryngeal complications and ease of insertion following Laryngeal mask airway supreme insertion by three different methods. Dr Nadeem Husain, Dr Kirti Nath Saxena, Dr Bharti Wadhwa
13. Evaluation of the effect of saline flush on the time of onset and duration of action following bolus dose of rocuronium. Dr Vineet Manchanda, Dr Kirti Nath Saxena, Dr Bharti Wadhwa
14. Evaluation of the effect of continuous infusion of dexmedetomidine on BIS guided end tidal desflurane concentration during laproscopic cholecctectomy under general anaesthesia. Dr Gurleen, Dr Bharti Wadhwa, Dr Kirti Nath Saxena
15. Chandrima The effect of preoperative multimedia video information on preoperative anxiety in patients undergoing procedure under central neuraxial block.Dr Duriyarasan, Dr Munisha Agarwal, Dr Rakesh Kumar, Dr Neelam Prasad
16. Evaluation of auricle based method for sizing of proseal laryngeal mask airway in pediatric population. Dr Anshul, Dr Munisha Agarwal, Dr Rakesh Kumar, Dr Neelam Prasad
17. To assess agreement between ultrasonographically measured skin-epidural depth and corrected measured skin-epidural depth in Indian paediatric population. Dr Chandrima, Dr Neelam Prasad, Dr Munisha Agarwal,Dr Sapna Singh
18. Comparison of peripheral perfusion index in preeclamptic and healthy parturients undergoing lower segment cesarean section under spinal anesthesia. Dr Manisha Manohar, Dr Kirti N Saxena, Dr Bharti Wadhwa
19. Comparison of three different techniques for Sedation of children undergoing Magnetic resonance imaging: A prospective randomized double blind study,Dr Rohit Baliyan, Dr Kirti N Saxena, Dr Bharti Wadhwa
20. Comparison of blood pressure measurement between dependent and non- dependent hand in lateral position under general anaesthesia and regional anesthesia. Dr Vineet Manchanda, Dr Kirti N Saxena, Dr Bharti Wadhwa
21. Effect of music therapy in the perioperative anaesthesia requirement in patients undergoing laproscopic cholecystectomy. Dr Devika Mishra, Dr Kirti Nath Saxena, Dr Bharti Wadhwa
22. Evaluation of two simple tools to predict severity of acute pain after caesarean section. Dr Divya Gupta, Dr Sukhyanti Kerai, Dr Kirti Nath Saxena, Dr Bharti Wadhwa
5. **Trainee from other agencies:** FNB (High risk pregnancy) students, Obstetric & Gynaecology Post Graduate Students for training in Intensive care management

6. **Training course/conferences/workshop organized**
   - CME on “Changing Trends in Obstetric Anesthesia” held in March 2019, MAMC
   - Workshop on “Ultrasound Guided Regional Anesthesia” held in May 2019, MAMC
   - MAMC Anaesthesia Updates, Post Graduate Refresher Course, 2019 held at MAMC, New Delhi (28 Aug- 1st Sept 2019)
   - Conference on Facts & Myths in Anaesthesiology on 14th & 15th December 2019

**Publications during the period**


29. Use of an airway exchange catheter for removal of i-gel. Accepted by Turk J Anaesthesiol Reanim. Bhalotra A


Books/Chapters contributed

**Dr Anju R. Bhalhotra**
Contributed a chapter on “Gas Embolism - An Update” in year book of Anesthesiology -9 edited by Dr Raminder Sehgal and Dr Anjan Trikha published by Jaypee Brothers in year 2019.

**Dr Lalit Gupta**

**Book:**
Synopsis of Anesthesia 2019, 1st edition
https://www.amazon.in/dp/B07MY4BSQ8?ref=myi_title_dp

Conferences/workshops/symphosiums attended

**Dr Kirti Nath Saxena**
1. Invited as faculty in IAPA 2019 in AIIMS in February 2019.
2. Delivered faculty lecture and chaired a session during CME “Changing trends in obstetric anesthesia” New Delhi on March 2019
3. Chaired a session during ISACON 2019, Delhi chapter on April 2019
4. Invited as faculty 'ANAESTHESIA UPDATE 2019’ on 7th July, 2019 at Sir Ganga Ram Hospital Auditorium
5. Invited as faculty in MAMC Anaesthesia Update, Post Graduate Refresher Course, 2019 held at MAMC, New Delhi (28 Aug- 1st Sept 2019)
6. Chaired Pro & Con Session at SEED AIRWAY WORKSHOP, MAMC on 5th September 2019
7. Delivered faculty lecture and chaired a session at International annual conference ICACON held at New Delhi on September 2019
8. Invited as faculty for Panel Discussion - on World Patient Safety Day. Theme- “Perioperative Patient Safety’ on 17th September at Jamia Hamdard medical college
9. Delivered faculty lecture at STEPHCON, Delhi September 2019
10. Delivered faculty lecture at UP State ISAICON, Moradabad on 28th September 2019
11. Conducted Monthly meet of ISA in MAMC in October 2019 and moderated two case presentations
12. Delivered faculty lecture at Utrakhand ISAICON, Haldwani 16th October 2019
13. Delivered faculty lecture at Facts & Myths in Anaesthesiology, Delhi December 2019
14. Invited as faculty to participate as a Panel speaker at the 5th Maternal Fetal Medicine Workshop on ‘Pregnancy with Heart Disease’ on the 21st December 2019 at the G.B.Pant Hospital Auditorium, New Delhi organized by Department of Obstetrics and Gynaecology, Maulana Azad Medical College and Lok Nayak Hospital
15. Invited as faculty to UCMS post graduate anesthesia refresher course 2019-20.

**Dr Bharti Wadhwa**

**Workshops Organized**
1. Organizing Secretary of CME on “Changing Trends in Obstetric Anesthesia” held in March 2019, MAMC
2. Organizing Secretary of Workshop on “Ultrasound Guided Regional Anesthesia” held on May 2019, MAMC

**Conferences Attended:**
1. “Critical Care: A paradigm Shift” held at UCMS 20th January 2019
2. Pediatric Surgery update 7th March 2019 MAMC (MAMCPSU)
3. Annual Conference of ISA Delhi Branch 13/14th April 2019 held at New Delhi
4. UP state ISACON 2019 held at Moradabad
5. Airway Workshop of Indian College of Anesthesiologist held at MAMC, Delhi
6. International Conference of Indian College of Anesthesiologist held at New Delhi
7. “Myths and Facts in anesthesia” held at MAMC New Delhi
8. Seed Workshop of Airway Management Foundation Held at VMMC and Safdarjung Hospital, New Delhi
9. CME on “Changing Trends in Obstetric Anesthesia” held in March 2019 at MAMC, New Delhi
10. Ultrasound guided Regional Anesthesia workshop held in May at MAMC, New Delhi
11. CME and workshop- Ultrasound Guided Nerve Blocks in Pediatrics at Super Specialty Pediatric Hospital and Postgraduate Teaching Institute, Noida, U.P on the 16th of October 2019
12. North Zone Yuva FOGSI Feb 2019
13. MAMC Anesthesia Update held at MAMC, August 2019
14. ISA PG Assembly held at UCMS Delhi, December 2019

Dr Kapil Choudary
1. 20th Annual Conference of the Indian society of Neuroanaesthesia and Critical care held at Hotel Leela Ambience, Gurugram from 15th -17th February 2019
2. EHIC (Essentials of Hospital Infection control) 2019 held at Hotel Clarks Inn, Kaushambi on 10th March 2019
3. Changing Trends in Obstetric Anaesthesia held at MAMC on 16th March 2019
4. 58th Annual Conference of the ISA Delhi Chapter (ISACON Delhi 2019) held from 13th-14th April 2019 at Radisson Blu, Paschim Vihar, New Delhi
5. MAMC Anaesthesia Update , Post Graduate Refresher Course, 2019 held at MAMC, New Delhi (28 Aug- 1st Sept 2019)
6. ICACON 2019, 11th National & 1st International Conference of the Indian College of anaesthesiologists] held from 5th-8th September 2019 at Hotel Le Meridien, Delhi
7. Workshop on “How to write a scientific paper” organized by Department of Paediatrics, MEU, MAMC on 7th Nov 2019
8. Revised Basic Course Workshop in Medical Education Technologies organized by MCI Regional Centre, MAMC, New Delhi from 3rd-5th December 2019
9. Sensitization Workshop for Attitude, Ethics and Communication (AETCOM) module organized by MCI Regional Centre, MAMC, New Delhi on 6th December 2019
10. Facts or Myths in Anaesthesiology held at MAMC, New Delhi, 14-15 Dec 2019

Dr Rahil Singh
1. Organiser and Treasurer for conference on “Facts and myths in Anaesthesiology II” at MAMC on 14th and 15th December 2019
2. 
3. 11th Annual Conference of The Indian Association Of Paediatric Anaesthesiologists (IAPA) in AIIMS on 9, 10 February 2019
4. CME on “Changing Trends in Obstetric Anesthesia” held in March 2019 at MAMC, New Delhi
5. MAMC Anesthesia Update held at MAMC, August 2019

Dr Sukhyanti Kerai
1. CME on “Changing Trends in Obstetric Anesthesia” held in March 2019 at MAMC, New Delhi
2. MAMC Anesthesia Update held at MAMC, August 2019
3. Annual Conference of ISA Delhi Branch 13/14th April 2019 held at New Delhi
4. Conference on Facts & Myths in Anaesthesiology on 14th& 15th December 2019
5. Workshop on “Excellence in peer review”- A reviewer training workshop on 9th September 2019
6. Workshop on Pharmacovigilance for patient safety on 27th march 2019 organized by department of pharmacology, MAMC.

8. Visitors
9. Significant events (Honors to Faculty)

Dr Kirti Nath Saxena
2. Was Organising Chairperson for ‘Changing Trends in Obstetric Anesthesia’ held at MAMC in March 2019. Took lecture on Anaesthetic management of Parturients with kyphoscoliosis, Author of 5 papers presented:
   a. Saxena KN, Wadhwa B, Akula VParturient with ventriculoperitoneal shunt posted for emergency LSCS: is SAB an option.
   b. Saxena KN, Wadhwa B, Gaur S.CHB in parturient posted for emergency CS.
   c. Dr. Kirti Nath Saxena, Dr Bharti Wadhwa, Dr Prashant HT. Pregnancy with Eisenmengers syndrome: A challenge for the anaesthesiologist.
d. KUSH

e. Dr Kirti N. Saxena, Dr Bharti Wadhwa, Dr Devika Mishra. Anesthetic management of cesarean section in parturients with severe mitral stenosis: A case series. **Won 2nd Prize in poster presentation.**

f. Dr Pawan Kumar, Dr Bharti Wadhwa, Dr Kirti Nath Saxena. Epidural labour analgesia in patient with severe mitral stenosis- a case report. **Won 1st Prize in poster competition**

g. Invited as faculty to ISACON Delhi Branch in April 2019. Was Chairperson for Pro and Con Debate. Author of 7 papers presented:

  a. **Dr. Kirti Nath Saxena**, Dr Bharti Wadhwa Dr Devika Mishra, Dr Prashant HT. Patient with multiple drug allergies - an anaesthesiologist’s dilemma.

  b. **Dr Kirti Saxena**, Dr Bharti Wadhwa, Dr Vineet Manchanda. Evaluation of the effect of saline flush on the onset time, intubating conditions and duration following bolus dose of rocuronium.

  c. Dr Devika Mishra, Dr Bharti Wadhwa, **Dr Kirti Saxena**, Dr Gurleen Oberoi. Open Chest Injury Following High Voltage Electric Burn in a Child: TIVA To Our Rescue.

  d. **Saxena KN**, Wadhwa B, Gaur S. Dexmedetomidine in cerebral palsy: the path less travelled.

  e. Wadhwa B, **Saxena KN**, Oberio G. Effect of continuous infusion of dexmedetomidine versus fentanyl on the end tidal expiratory fraction desflurane concentration during general anaesthesia.


  g. **Saxena KN**, Wadhwa B, Hussain N. Comparative evaluation of the postoperative pharyngolaryngeal Complications and ease of insertion following LMA supreme insertion by Three different methods; Received 2nd Prize in TN Jha Awards for PG Students.

  h. Co-author of paper “Evaluation of 2 simple tools for predicting severity of pain after caesarean section” at RASCPCON April 2019 held at PGI Rohtak, the paper won 2nd prize in Pt. Balbadhra kaul award for best paper.

3. Invited as faculty ‘**ANAESTHESIA UPDATE 2019**’ on 7th July, 2019 at Sir Ganga Ram Hospital Auditorium for talk on Management of obese parturients.

4. Was Organizing Chairperson for Postgraduate Assembly held at MAMC in August 2019. Took case discussion on ‘Pregnancy with Rheumatic Heart Disease’.


  a. Invited as faculty to ICACON 2019 on 6-8 September 2019 at Delhi for panel discussion titled “**Anaesthesia in high risk pregnancy for LSCS**”, Was expert for Meet the Expert session. Co-author of 3 papers.

  b. Dr Prashant HT, Dr Kirti Nath Saxena, Dr Bharti Wadhwa, Dr Devika Mishra. Application of direct laryngoscopy with nerve blocks in difficult airway situation. Received 2nd prize for this paper.

  c. Gaur S, Saxena KN, Wadhwa B. Open chest injury following high voltage electric burn in a child.

  d. Akula V, Saxena KN, Wadhwa B. Anaesthetic management of parturient with repaired TOF for emergency LSCS.

Invited as faculty for Panel Discussion - on World Patient Safety Day. Theme- “Perioperative Patient Safety” on 17th September at Jamia Hamdard medical college.

Invited as faculty to UPSICON in September at Moradabad. Took lecture on ‘Endocrine myopathies’. Author of 2 papers presented:

  a. **Dr. Kirti Nath Saxena**, Dr Bharti Wadhwa, Dr Devika Mishra, Dr Prashant HT. Application of direct laryngoscopy with nerve blocks in difficult airway situation.

  b. **Saxena KN**, Wadhwa B, Gaur S. Parturient with VP shunt posted for emergency LSCS: Is SAB an option?

  c. **Saxena KN**, Wadhwa, Akula V. Anaesthetic management of parturient with repaired TOF for Emergency LSCS.


8. Conducted Monthly meet of ISA in MAMC in October 2019. Author of 2 papers presented:


  b. **Saxena KN**, Wadhwa B., Gaur S. CHB in parturient posted for emergency CSWas Organising Chairperson for Conference’ Facts and Myths in Anaesthesiology’ held on 14 & 15 December 2019 at MAMC.

9. **Saxena KN**, Wadhwa B., Gaur S. CHB in parturient posted for emergency CSWas Organising Chairperson for Conference’ Facts and Myths in Anaesthesiology’ held on 14 & 15 December 2019 at MAMC.

10. Invited as faculty to participate as a Panel speaker at the 5th Maternal Fetal Medicine Workshop on ‘Pregnancy with Heart Disease’ on the 21st December 2019 at the G.B.Pant Hospital Auditorium, New Delhi organized by Department of Obstetrics and Gynaecology, Maulana Azad Medical College and Lok Nayak Hospital.
11. Invited as faculty to UCMS post graduate anesthesia refresher course 2019-20. Took interactive talk on “Obstetric patient with valvular heart disease for caesarean delivery”

**Dr JS Dali**
1. Delivered a lecture at PGA under aegis of ICA at Ludhiana (Pb) on Feb 2019
2. Delivered lecture on 21st Jan and 14th Mar NSV, TOT Program, as resource person
3. Delivered a lecture on 15th Mar at 3rd Central Zone PGA at RMLIMS, Lucknow
4. Chaired a session on 16th Mar during CME on Changing trends in obstetric anaesthesia
5. Delivered a lecture on 28th Aug at PGA MAMC
6. Chaired a session and was judge for free paper session at Facts and Myths in Anaesthesiology
7. Delivered a lecture at PGA at UCMS, Delhi

**Dr Munisha Agarwal**
1. CME, Critical Care organized by UCMS & GTB Hospital, Delhi on 19th-20th Jan’2019. Chairperson for Ethical issues and professional misconduct in critical care.
3. CME and Hands On Workshop on Airway Management organized by SRMS Institute of Medical Sciences, Bairelly. Lecture on Fiberscopic intubation - Tricks and trouble shooting. Managed workstation of Fiberscopy.
6. BLS and ACLS courses at MAMC, for postgraduates, 2019, October.
8. Seed Airway Management workshop, AMF, at VMMC & Safdarjung Hospital, Delhi, 7th-8th Dec’2019.
9. ICACON 2019, Chairperson and Judge for Best Oral Papers Presentation, Meet the Expert session on Difficult Airway Management.
11. PG Refresher course in Anaesthesiology organized at UCMS & GTB Hospital, Delhi on 21st Dec’2019. Lecture on Airway Management in PBC neck.
12. Attended IAPA Conference AIIMS, Delhi 8th-10th Feb’2019

**Dr Kavita R. Sharma**
1. Facts and myths related to IV fluids in children’ lecture in ‘Facts and myths in anaesthesiology’ held at MAMC on 14th and 15th dec 2019
2. ‘Practical approach to Extubation & Emergence’ lecture in Pre-conference seed workshop of Airway Management foundation held at VMCC and Safdarjung hospital in Dec 2019.
3. Faculty at Difficult Airway Workshop held at VMCC and Safderjung hospital in Dec 2019.
6. Dr Ghazala Anis Fatima, Dr Kavita Rani Sharma, Dr Kapil Chaudhary, Dr Pawan Gahlawat An unusual case of variable dynamic airway obstruction in a tracheostomised patient. ISA 2019 nov poster publication
7. Ruchi paper Effects of perioperative infusion of lidocaine versus dexmedetomidine on postoperative pain and recovery in patients undergoing laparoscopic cholecystectomy: to The Clinical Journal of Pain
8. ‘Lap chole in Copd’ case discussion faculty in MAMC PG Update aug 2019
10. ‘Morbidly obese parturient’ lecture in CME ‘Changing trends in Obstetric anesthesia’ held at MAMC in mar 2019
12. Feb 2019 Bangalore attended ISSPCON
Dr Anju R. Bhalhotra
1. Invited as faculty to the 11th Annual Conference Of The Indian Association Of Paediatric Anaesthesiologists (IAPA) in AIIMS on 9, 10 February and appointed as judge for the poster session.
2. Participated in Critical care courses for postgraduate students – PGACCC - of various specialities at MAMC PG met cell on 20-21 Feb, 6-7 March, 13-14 March, 10-11 December - appointed as instructor and conducted courses for postgraduates
3. Moderated a panel discussion at CME on “Changing Trends in Obstetric Anaesthesia” at MAMC on 16th March 2019 on “medicolegal and Ethical issues in fetomaternal critical care emergencies”.
5. Invited as faculty for Airway Management Workshop” of MAMC- LNH- AMF for ICACON 2019 on 5th Sept’2019 and participated as a Panelist in the scientific session for Case based Panel discussion on “Planning and decision making in airway management.” Also conducted workshop on FOI at the same.
6. Invited as faculty by the Dept. of Anaesthesiology, Pain Medicine & Critical Care for the Post Graduate Assembly 2019 from 29th to 3rd October and delivered a lecture on “Anaemia in Pregnancy” on 01/10/2019.
7. Facts and myths in Anaesthesiology MAMC on 14 and 15 December 2019. Was the scientific chairperson, moderated a panel discussion on TEF and CDH and was judge for E posters.
8. BLS and ACLS courses - Participated in BLS and ACLS courses at PGMET cell, MAMC
9. Coauthor in poster presented at national conference ISACON Bengaluru

Dr Sonia wadhawan
1. Conducted a case discussion on ‘a case of Liver disease and its anaesthetic concerns’ in the PG Assembly at Dayanand Medical College, Ludhiana 21st-24th Feb 2019 under the aegis of Indian College of Anaesthesiologists
2. Moderated a session on ‘Airway management for emergency caesarean section in a parturient with anticipated difficult airway’ in the Changing trends in Obstetric Anaesthesia CME on 16th March 2019 at MAMC
3. Conducted a case discussion on Thyroid at the MAMC Anaesthesia Update from 28th Aug to 1st Sept 2019
4. Participated as Panelist in the Airway Management workshop conducted by MAMC-LNH-AMF for ICACON on 5th sept 2019. Conducted a workstation on supraglottic airway device in the same workshop.
5. Participated as faculty in a Pro con session. Also I was made Judge for the E-Poster presentation session in the ICACON 2019 5th – 8th sept 2019.
6. Chaired a session in the Ultrasound Guided Nerve blocks in Paediatrics at the Super specialty Paediatric Hospital and Post graduate teaching Institute, Noida, UP on 16th oct 2019.
8. Conducted a workstation on difficult extubation at the Seed Airway workshop organised by AMF on 8th dec 2019 at VMMC and Safdarjang Hospital
9. Moderated a panel discussion at the Facts or Myths in Anaesthesiology: extremes of Age on 14th – 15th dec 2019 on ‘Too old to operate’
10. Delivered a lecture on ‘Patient with chronic kidney disease for incidental surgery’ at the UCMS post graduate Anaesthesia Refresher course 2019 on 22nd dec 2019

Dr Bharti Wadhwa
1. Lecture on: Anomalies in Mechanical Ventilation at “Critical Care: A paradigm Shift “held at UCMS 20th January 2019
2. Lecture on: Estimation of allowable blood loss in children at Pediatric Surgery update 7th March 2019 MAMC ( MAMCPSU)
3. Lecture on Prehabilation: From Risk Stratification to risk Attenuation at Annual Conference of ISA Delhi Branch 13/14th April 2019 held at New Delhi
4. Faculty Lecture at UP state ISACON 2019 held at Moradabad, September 2019.
5. Panelist for Panel discussion at Airway Workshop of Indian College of Anaesthesiologist held at MAMC, Delhi
6. Faculty Lecture on Pediatric neurotoxicity at International Conference if Indian College of Anaesthesiologist held at New Delhi
7. Faculty lecture at Conference of “Myths and Facts in anesthesia” held at MAMC New Delhi
8. Faculty for Airway Workshop of ICA, September 2019, New Delhi
9. Faculty for Seed Workshop of Airway Management Foundation Held at VMMC and Safdarjung Hospital, New Delhi
10. Moderator of panel discussion on “Obstetric emergency Team” at CME on “Changing Trends in Obstetric Anesthesia” held in March 2019 at MAMC, New Delhi
11. Faculty for Ultrasound guided Regional Anesthesia workshop held in May at MAMC, New Delhi
12. Chairing of session at CME and workshop-Ultrasound Guided Nerve Blocks in Paediatrics at Super Specialty Paediatric Hospital and Postgraduate Teaching Institute, Noida, U.P on the 16th of October 2019
13. Lecture on Labor Analgesia at North Zone Yuva FOGSI Feb 2019
14. Moderator for Panel discussion on “How to take an Exam” at MAMC Anesthesia Update held at MAMC, August 2019
15. Lecture on Labor analgesia at ISA PG Assembly held at UCMS Delhi, December 2019
16. Moderator for Case Presentation at Monthly Clinical meet of ISA Delhi Chapter, Nov 2019
17. Judge for e-poster competition at ICACON September 2019

Dr Mona Arya
1. Lecture in post-graduate course held in MAMC in August 2019
2. Lecture in Myths and facts held in MAMC in December 2019
3. Faculty in Airway workshop at ICACON held in September 2019
4. Faculty in seed airway workshop at VMMC held in December 2019

Dr Kapil Choudary
1. Received Certificate of Excellence Award for reviewing for Indian Journal of Clinical Anaesthesia for year 2018 in January 2019
2. Instructor faculty for Acute Critical Care Course for postgraduates and senior residents from various Delhi government hospitals held at Clinical skill Centre, PGMET Cell, MAMC in the month of February-March 2019 and December 2019.
3. Invited as Workshop faculty for 20th Annual Conference of the Indian society of Neuroanaesthesiology and Critical care held at Hotel Leela ambience, Gurugram from 15th-17th February 2019 for workshop on Advanced Airways Management; and took workstation on supraglottic devices and videolaryngoscope (16th February 2019)
4. Invited as the workshop faculty during EHIC (Essentials of Hospital Infection control) 2019 for workstation on “Infection control bundles” held at Hotel Clarks Inn, Kaushambi on 10th March 2019.
5. Invited as faculty to deliver lecture on “Practice guidelines for Obstetric anaesthesia in a nutshell” during Changing Trends in Obstetric Anaesthesia held at MAMC on 16th March 2019.
6. Moderator faculty for the panel discussion on “Use of Mobile phones in Operation theatre-boon or bane” during 58th Annual Conference of the ISA Delhi Chapter (ISA CON Delhi 2019) held from 13th-14th April 2019 at Radisson Blu, Paschim Vihar, New Delhi.
10. Instructor faculty for the MAMC Surgical skills and life support courses (SSLSC) held in Aug-Sept 2019.
11. Delivered guest lecture on “Anaesthesia for Bariatric Surgery” at MAMC Anaesthesia Update, Post Gradute Refresher Course, 2019 held at MAMC, New Delhi
12. Invited as guest speaker to talk on “ERAS: How feasible it is in old age patient” during Facts or Myths in Anaesthesiology held at MAMC, New Delhi on 15 December 2019.

Dr Lalit Gupta
1. Best Reviewer Award for Indian Journal of Clinical Anesthesia, 2018
2. Participated as Faculty for Airway Management Workshop of MAMC-LNH-AMF on 5th September for ICACON 2019
3. Participated as Faculty in MAMC Anaesthesia Update: P.G. Refresher Course (28th August – 1st September 2019)
4. Participated as Faculty & Chairperson in CME on changing trends in obstetric anaesthesia on 16th March 2019 for panel discussion

**Dr Rahil Singh**
1. 11th Annual Conference of The Indian Association Of Paediatric Anaesthesiologists (IAPA) in AIIMS on 9, 10 February 2019.
2. Invited as a faculty in CME on “Changing Trends in Obstetric Anesthesia” at MAMC on 16th March 2019 and coordinated the poster session.
3. Invited as Faculty for the 2nd “MAMC Anaesthesia Update 2019” held from 28th August -1st September 2019 at MAMC, New Delhi and delivered a lecture on “Ethical issues of informed consent”. Also conducted a workstation on Airway devices in the same.
4. Invited as faculty for Airway Management Workshop” of MAMC- LNH- AMF for ICACON 2019 on 5th Sept’2019 and conducted workshop on preoxygenation devices at the same.
5. Facts and myths in Anaesthesiology MAMC on 14 and 15 December 2019. Was the member of organizing committee and delivered a lecture on “Fasting guidelines revisited in paediatric patients.”
6. Co-author in posters presented at Facts and Myths in Anaesthesiology MAMC conference

**Dr Sukhyanti Kerai**
1. Invited as a faculty in CME on “Changing Trends in Obstetric Anesthesia” at MAMC on 16th March 2019 and delivered a lecture on “Posterior reversible encephalopathy syndrome”.
2. Invited as Faculty for the 2nd “MAMC Anaesthesia Update 2019” held from 28th August -1st September 2019 at MAMC, New Delhi and delivered a lecture on “Perioperative anemia in surgical patients”. Also conducted a workstation on Anaesthesia breathing circuits in the same.
3. Facts and myths in Anaesthesiology MAMC on 14 and 15 December 2019. Was the member of organizing committee and participated in pro-con session on “GA Vs RA in elderly”

**Representation on expert Committee/Bodies**

**Dr Kirti Nath Saxena**

**Examiner**
1. Examiner for external assessment of DNB candidates at Sir Ganga Ram Hospital, Jan 2019
2. Examiner of Annual MD examination of Delhi university held at MAMC on April 2019
3. Examiner of Supplementary MD examination of Delhi university held at MAMC on October 2019
4. DNB examiner at Batra Hospital in April 2019

**On Interview Board Panel**
1. Conducted 10 Senior Resident Interviews at LNH as expert
2. Invited as expert for Interview for the post of Specialist Grade-II (Jr. Scale) (Anaesthesiology) in ESIC for Haryana Region om 25.6.2019.
3. Conducted Interviews for contractual Assistant Professors at MAMC on 9& 10th December 2019

**Editorial Board membership**
1. Editorial board member of Journal of Anesthesiology and clinical Pharmacology
2. Rater for the McMaster Online Rating of Evidence (MORE) System offered through the Health Information Research Unit of McMaster University, Canada
3. Editorial board member of Northern journal of ISA
4. Editorial board member of Medical journal of DY Patil university
5. Editorial board member of Journal of Anesthesiology and Pain Research
6. Editorial board member of Anesthesia-intensive care and pain therapy.
7. Editorial board member of MAMC Journal of Clinical Sciences

**Dr J.S. Dali**
1. As Expert for DNB Inspection of City hospital and Research Centre, Jabalpur, MP on 8th January
2. Examiner for DNB practical at ESIC Hospital, Bangalore 26-28th Mar and DDU Hospital, N. Delhi 31st -2nd Nov
iii. Examiner for MD practical at GMC, Amritsar 5-6th Jun, GMC, Patiala 7th Jun and GMC, Amritsar 23rd Dec
iv. Examiner for DA practical at GMC, Amritsar 24th Dec

Dr Munisha Agarwal
1. ICMR Project Review Committee
2. Member “TAFT – Audit Filter Review Board” for ongoing Research trial by TITCO, India.
3. Examiner for :
   a. For DA Examinations 2019, Delhi University, held at UCMS & GTBH, Delhi, 23rd-24th April, 2019
   b. DNB Practical Exam at Govt. Medical College, Trivandrum, 6th-8th April, 2019.

Dr Kavita R. Sharma
Examiner DNB May 2019 Vizag

Dr Anju R. Bhalotra
1. Invited as expert for DNB appraisal on 6.3.19 at Safdarjang Hospital
2. Invited as expert for the DNB workshop on validation of MCQs on 28.11.19
3. Invited as expert and faculty for conducting mock examination for postgraduate students at LHMC on 6 and 7 December 2019.
4. Expert for appraisal of theses from All India Institute of Medical Sciences / various Government medical colleges and NBE.

Dr Sonia Wadhawan
1. Reviewer for Journal JOACP.
2. Appraiser for start of DNB Anaesthesiology program at Oswal Mohandai Hospital, Ludhiana on 20th dec 201
3. As NBE practical Examiner for Anaesthesiology at Govt General Hospital, Trivandrum, Kerala 10th – 12th April 2019
4. As examiner for the Anaesthesiology practical exam conducted by Baba Farid University of health sciences at DMC, Ludhiana 4th -5th June 2019
5. As MD Anesthesia Examiner for the practical exam from 20th -22nd June 2019 held by King George’s Medical University, UP at Dr Ram Manohar Lohia hospital and KGMU

Dr Bharti Wadhwa
1. Member Scientific Committee for Annual Conference of ISA Delhi Branch 13/14th April 2019 held at New Delhi
2. Organizing Secretary for CME on Changing Trends in Obstetric Anaesthesia organized by Department of Anaesthesiology, MAMC (March 2019)
3. Organizing Secretary for workshop on Ultrasound guided regional anesthesia (URAW) organized by Department of Anaesthesiology, MAMC (March 2019)
4. Examiner for “work place based clinical assessment” a part of internal Appraisal of final year DNB candidate held at Max Superspeciality Hospital, Saket, New Delhi
5. Organizing Secretary And Faculty for Workshop on Ultrasound guided Regional Anaesthesia organized by the Department of Anaesthesiology, MAMC ( May 2019)
6. Examiner for Annual DNB Practical Examination held at Medanta Hospital Gurgaon April 2019
7. Member Board of Specialists for Anaesthesiology At National Board of Examinations
8. Setting up of question paper for DNB Theory examination at NBE
9. Member ethics committee for Thesis and Research Protocols, MAMC
10. Examiner for Baba Farid university, Punjab

Dr Mona Arya
1. Member of committee of course & studies of department of Anaesthesiology, Delhi University

Dr Kapil choudary
1. Executive Member representative for the Indian Society of Anesthesiologist, Delhi Branch during 2018-19 from the Department of Anesthesiology, MAMC
2. Member of the Committee of Courses and Studies of the Department of Anesthesiology, Faculty of Medical sciences, Delhi University

Dr Lalit Gupta

Dr Sukhyanti Kerai
1. Reviewer for BMC Anesthesiology
2. Expert member of the selection committee for interview of candidates for the post senior resident department of biochemistry on 03.12.2019
3. Member of departmental committee for redressal of complaints related to scheduled caste and scheduled tribe residents

Health services to the community
Dr J.S. Dali
Smile Train is an International charity engaged in the care of children born with cleft lip and palate in developing countries, all over the world. Conducted Medical Safety Audits and credentialing of more than 15 partner hospitals of Smile Train India, across the country (In the states of Maharashtra, Rajasthan, Uttar Pradesh, Chhattisgarh, Delhi, Haryana, Punjab, Bihar, Madhya Pradesh and Nepal).

Any other worth mentioning information:

Major Achievements of Department
1. Department of Anaesthesiology, MAMC received Trophy for Best Clinical Meet at ISACON 2019
2. Received 1st prize “T.N. Jha Awards for post graduate student” at ISACON 2019, Delhi Chapter by Dr Chandrima Baneerjee, 2nd year PG Student
3. Received 2nd prize “T.N. Jha Awards for post graduate student” at ISACON 2019, Delhi Chapter by Dr Nadim Hussain, 2nd year PG Student
4. Received 2nd prize “T.N. Jha Awards for post graduate student” at National ISACON 2019, Bengaluru by Dr Chandrima Baneerjee, 2nd PG Student
5. Won 1st Prize in poster competition by Dr Pawan and Dr Kush, senior residents at CME on “Changing trends in obstetric anaesthesia”
6. Won 2nd Prize in poster competition by Dr Devika Mishra, senior resident at CME on “Changing trends in obstetric anaesthesia”
7. Won 1st Prize and 2nd prize in paper presentation by Dr Nitin & Dr Divya Gupta, senior residents at RASCPCON, April 2019
8. Won 2nd prize for paper at ICACON September 2019 by Dr Prashant HT, 2nd year postgraduate student
9. Dr Prashant HT 2nd Year PG Student won 1st Prize in quiz competition held at STEPHCON Oct 2019
BIOCHEMISTRY

Name of Head of Department: Dr. Bidhan Chandra Koner

1. Faculty:

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Name of Faculty</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Dr. T.K. Mishra</td>
<td>Rejoined on contractual basis</td>
</tr>
<tr>
<td>2.</td>
<td>Dr. Pramod Lali</td>
<td>Director Professor</td>
</tr>
<tr>
<td>3.</td>
<td>Dr. B.C. Koner</td>
<td>Director Professor and Head</td>
</tr>
<tr>
<td>4.</td>
<td>Dr. Lal Chandra</td>
<td>Director Professor</td>
</tr>
<tr>
<td>5.</td>
<td>Dr. Smita Kaushik</td>
<td></td>
</tr>
<tr>
<td>6.</td>
<td>Dr. Binita Goswami</td>
<td></td>
</tr>
<tr>
<td>7.</td>
<td>Dr. Anubhuti</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>8.</td>
<td>Dr. Maheswari K</td>
<td>Assistant Professor</td>
</tr>
</tbody>
</table>

2. Members who have left during the period:

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name of faculty</th>
<th>Designation</th>
<th>Reason for leaving</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Dr. T.K. Mishra</td>
<td>Director Professor</td>
<td>Superannuated on 30-04-2019</td>
</tr>
<tr>
<td>2.</td>
<td>Dr. Srinivas H Gowda</td>
<td>Assistant Professor</td>
<td>Resigned on personal ground and relieved on 10-11-2019</td>
</tr>
</tbody>
</table>

3. Addition to the faculty during the period:

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name of faculty</th>
<th>Designation</th>
<th>Whether newly joined/promotion</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Dr. Anubhuti</td>
<td>Associate Professor</td>
<td>Joined on 16.08.2017 after transfer</td>
</tr>
<tr>
<td>2.</td>
<td>Dr. T.K. Mishra</td>
<td>Assistant Professor</td>
<td>Joined on contractual basis on 02-09-2019</td>
</tr>
</tbody>
</table>

4. Research schemes:

(a) Ongoing projects:

a. MRU funded project of Rs. 2.5 lakhs, entitled “Effect of exposure to Bisphenol A and its analogue plasticizers on production of thyroid hormones in transformed thyroid cell line and on function of thyroid hormone in rat L6 myoblast derived myotubes.” **Dr. B.C Koner**

b. GNCT funded project of Rs. 3 lakhs, entitled “Association of NADH dehydrogenase subunit 1 (ND1) gene polymorphism and serum leptin levels in pre-eclampsia patients”. **Dr. P. Lali**

c. GNCT funded project of Rs. 3 lakhs, entitled “Assessment of Serum Leptin levels and tRNA Leu(UUR) gene and ND1 gene polymorphism in Gestational Diabetes Mellitus patients”. **Dr. L. Chandra.**

d. MRU funded project of Rs. 3 lakhs, entitled “Association of pesticide levels and their genetic determinants with ovarian reserve in females with primary infertility.” **Dr. B. Goswami**

e. Evaluation of interaction between lindane and arsenic exposures in inducing insulin resistance in rat l6 myoblast derived myotube. **Dr. BC Koner**

f. Association of serum Resistin level and MMP-9 gene (1562 C/T) polymorphism in Coronary artery disease and Diabetes Mellitus. **Dr. L. Chandra.**

g. Association between Fibroblast Growth Factor Receptor 2 (FGFR2) gene polymorphism (rs2981582) and Survivin expression in breast cancer **Dr. B. Goswami**

h. Evaluation of serum levels of osteopontin and folate receptor alpha as diagnostic and prognostic biomarkers of ovarian carcinoma. **Dr. S. Kaushik.**

i. The diagnostic and pathogenetic significance of circular-RNA-000911 and micro-RNA-449a in breast cancer. **Dr. B. Goswami**

j. Association between androgen receptor gene G1733A (rs6152) polymorphism and ovarian cancer in Indian population. **Dr. S. Kaushik.**

(b) Details of thesis completed during current year:

1. PhD thesis:

   Candidate: Mr. Vijay Kumar Singh; **Supervisor: Dr. B.C Koner**

b) “Effect of thermally altered edible oils on insulin resistance and coronary artery disease risk factors in albino rats:
modulation by antioxidants”. Degree awarded.
Candidate: Dr. B. Shanmugasundaram; **Supervisor: Dr. B.C Koner**

c) “Role of organophosphorus compounds on pathogenesis of Diabetes Mellitus”. Degree awarded.
Candidate: Dr. Shrijana Shrestha; **Supervisor: Dr. B.C Koner**

d) “A genetic study to evaluate clinical implication of thrombomodulin and associated proteins in coronary Artery disease”. Degree awarded
Candidate: Dr. Mamta P Sumi; **Supervisor: Dr. A. Saxena**

5. **Trainees from other agencies:**

<table>
<thead>
<tr>
<th>S. No.</th>
<th>No. of trainees</th>
<th>Sponsoring agency</th>
<th>Period of training</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>10 (ten) MLT students</td>
<td>Jamia Milia Islamia, New Delhi</td>
<td>26-02-2019 to 18-03-2019</td>
</tr>
<tr>
<td>2.</td>
<td>11(eleven) MLT students</td>
<td>Meeraabai Institute of Technology, New Delhi</td>
<td>01-07-2019 to 03-11-2019</td>
</tr>
<tr>
<td>3.</td>
<td>21 (twenty one) MLT students</td>
<td>Integrated Institute of Technology, Dwarka, New Delhi</td>
<td>01-07-2019 to 03-11-2019</td>
</tr>
<tr>
<td>4.</td>
<td>6 (six) MLT students</td>
<td>Meeraabai Institute of Technology, New Delhi</td>
<td>10-10-2019 to 23-10-2019</td>
</tr>
</tbody>
</table>

6. **Training course / Conferences / Workshops organized:**
1. A workshop on “Cell culture techniques” was organised by the department on 19th -20th September 2017.
2. A CME on “Role of Lab Diagnosis in immunologic disorders” was organised by the department on 16th March 2019.

7. **Publications during the period:**


8. Chapters contributed:
A) Dr. Maheswari K has contributed four chapters on “quantitative genetics”, “pedigree”, “whole genome amplification” and “post translational modification” in Encyclopedia of Animal Cognition and Behavior

9. Conferences/workshops attended:
1. Dr. L. Chandra, Dr. Kruti, Dr. Lucy, Dr. Sandeep, Dr. Vatsala, Dr. Shailata, Dr. Harshit attended National Conference of Association of Medical Biochemists of India (AMBICON-2019) held in December, at DMC, Ludhiana.
2. Dr. Kruti and DR. Sandeep were awarded the 2nd prize in PG Quiz at AMBICON 2019.
3. Dr. L. Chandra, Dr Anubhuti, Dr. Sandeep, Dr. Vatsala, Dr. Shailata, Dr. Harshit attended the Annual Conference and International Symposium of Indian Society for Atherosclerosis Research (ISARCON-2019) held in November at LHMC, New Delhi.
4. Dr. S. Kaushik, Dr Parama, Dr. Vatsala, Dr. Shailata, Dr. Harshit attended a symposia on “biomarkers for the management of critical illness:an update” in GB Pant Hospital on 20th December 2019.
5. Dr. Maheswari attended a conference on “genetics in fetal medicine” and workshop on FISH in MMM, Chennai from 13 – 15 september 2019.
6. Dr. S. Kaushik attended a CME on “The laboratory and Diabetes Mellitus – New Challenges, New concepts, New Measures” in Ganga Ram Hospital, New Delhi on 25th April, 2019.
6. Dr. Maheswari, Dr. Elvia, Dr. Parama attended a workshop on “Fluorescence In Situ Hybridization” at DSS R&D Centre Image Tech Pvt. Ltd., New Delhi on 4th and 5th November 2019.

Paper/Poster presentation at conferences:
Dr. Elvia received the travel grant for presenting a poster on “Association of PON1 gene polymorphism and serum levels of Paraoxonase and malondialdehyde in patients with Metabolic syndrome” at the annual meeting of the Korean Society of Lab Medicine LMCE 2019, at Busan, South Korea (Abstract no. 231)
Dr. Parama received the travel grant for presenting a poster on “Evaluation Of Directly Measured LDL-Cholesterol In Assessing The Cardiovascular Risk Defined By Total Cholesterol/HDL-Cholesterol Ratio” at the annual meeting of the Korean Society of Lab Medicine LMCE 2019, at Busan, South Korea (Abstract no. 166)
Dr. Vatsala presented a free oral paper on “Extremely high CK-MB levels exceeding total CK levels in a 2 months old infant: a case report.” in AMBICON 2019.
Dr. Shailata was awarded the third best poster for “Protein C and S deficiency in acute mesenteric ischaemia: a case report” at AMBICON 2019.
Dr. Sameer Ahmad Guru presented an oral paper on “JAK2 (V617F) positively regulates PD-L1 mRNA expression via STAT3/5 activation in MNP (PV and ET) patients” at the 17th Japanese Society of Medical Oncology (JSMO), annual meeting, Kobe Japan in 2019.
Mr. Vijay Kumar Singh presented an oral on “Evaluation of association of oxidative stress and TNF-α with insulinresistance and β-cell dysfunction on sub-chronic exposure of DDT and lindane in wistar albino rats.” at the 5th World Congress on Chronomedicine WCC-UC 2019, Indian Society for Chronomedicine in Collaboration with Uttarakhand Cardiabcon) at AIIMS, Rishikesh.
11. Honors to Faculty:
A) Received the prestigious FLEMMING trophy 2018 for best research work from Dean, MAMC in the college Annual Day February 2019.
B) Dr B.C Koner delivered a guest lecture on “Exploring protein assays in diagnostics” in a symposia conducted at Government Institute of Medical Sciences, Noida, UP on 22nd April, 2019
C) Dr. L Chandra delivered a guest lecture on “Lifestyle modification: Perception and Belief” at AIIMS, Rishikesh and AMBICON 2019
D) Dr. L Chandra chaired a scientific session at ISARCON 2019.

12. Representation on expert committee/bodies:
1. Dr. P Lalji was the chairman of the committee for procurement of furniture in MAMC.
2. Dr. P Lalji was the chairman of the committee for hiring housekeeping and sanitation services for MAMC.
3. Dr. P Lalji was the chairman of the committee for binding of books, journals and various types of original forms for various departments of MAMC.
4. Dr. P Lalji was the chairman of the committee for appointment of SRs and contractual APs in MAMC.
5. Dr. B. C Koner is the Nodal Officer of MRU, MAMC.
6. Dr. B. C Koner is an Hon. Faculty of the Medical education cell of the institution.
7. Dr. B. C Koner is the chairman of the Research cell, MAMC.
8. Dr. B. C Koner is the chairman of MACP committee, MAMC.
9. Dr. B. C Koner is the Store Officer, MAMC
10. Dr. B. C Koner is an expert in the project review committee of ICMR, SERB, DBT.
11. Dr. B. C Koner was external examiner in KGMU Lucknow, AIIMS Patna, AIIMS Raipur, Sagar Dutta Medical College, Kolkata for MBBS exam.
12. Dr. B. C Koner was external examiner in PGIMS, Rohtak for M.D Biochemistry examination.
13. Dr. L Chandra was external examiner for MBBS exam at SRMS Medical college, Bareily; Subharti Medical College, Meerut; PGIMS, Rohtak; GMC, Amritsar.
14. Dr. L Chandra was an expert in the committee for recruitment of faculty in RIMS, Ranchi and LHMC, New Delhi.
15. Dr. S Kaushik was an external examiner for M.D exam at CMC, Ludhiana, and MBBS exam at Subharti Medical College, Meerut; Dr. Baba Sahib Ambedkar Medical College, Rohini and Hamdard Institute of Medical Sciences and Research, New Delhi.
16. Dr. S Kaushik is the member Secretary of the sexual harassment committee of MAMC.
17. Dr. S Kaushik is a member of Purchase Committee, LNH.
18. Dr. S Kaushik is a member of a sub-committee for implementation of new CBME based curriculum for MBBS, at MAMC.
19. Dr. S Kaushik is a member and external reviewer for research projects submitted to ICMR, Delhi.
20. Dr. B Goswami is a subject expert in Biochemistry in the NBE, UPSC and ICMR.
21. Dr. B Goswami is an Hon Faculty of the Medical education cell of the institution.
22. Dr. B Goswami is an inspector of medical education for MCI.
23. Dr. B Goswami was an external examiner for MBBS exam at Lucknow university and Gujarat university.
24. Dr. B Goswami is the In charge of Biochemistry lab in LNH.

14. Health services to the community:
  a) All the Residents do the night duties on rotational basis at Biochemistry Laboratory of LN Hospital to ensure the quality and smooth running of the lab.
  b) All the senior residents, post graduates and technical staff participated in the ongoing Pulse Polio immunization programme of Govt of NCT of Delhi.

15. LAB Data:
  a. Central Lab Services LN Hospital:
Tests done:

<table>
<thead>
<tr>
<th>Tests done</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>All routine biochemical tests</td>
<td>Urine electrolytes</td>
</tr>
<tr>
<td>Serum Lipase</td>
<td>Urine creatinine</td>
</tr>
<tr>
<td>Glycated Hemoglobin (HbA1c)</td>
<td>Urine total proteins</td>
</tr>
<tr>
<td>Serum CK total</td>
<td>Body fluid biochemistry</td>
</tr>
<tr>
<td>Serum CKMB</td>
<td>ABG, GTT</td>
</tr>
</tbody>
</table>
Serum amylase | Coagulation profile
---|---
S. LDH | Plasma lactate
S. Ionized calcium

**Number of tests performed during 2019**

<table>
<thead>
<tr>
<th>Month</th>
<th>Total no. of investigations</th>
<th>Month</th>
<th>Total no. of investigations</th>
</tr>
</thead>
<tbody>
<tr>
<td>January</td>
<td>211440</td>
<td>July</td>
<td>148071</td>
</tr>
<tr>
<td>February</td>
<td>231952</td>
<td>August</td>
<td>145331</td>
</tr>
<tr>
<td>March</td>
<td>151424</td>
<td>September</td>
<td>145053</td>
</tr>
<tr>
<td>April</td>
<td>157228</td>
<td>October</td>
<td>199451</td>
</tr>
<tr>
<td>May</td>
<td>227185</td>
<td>November</td>
<td>149420</td>
</tr>
<tr>
<td>June</td>
<td>216710</td>
<td>December</td>
<td>146561</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>2129826</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Percentage increase from last year: 1%

**B. Electrophoresis Lab, MAMC:**
Serum protein Electrophoresis:

<table>
<thead>
<tr>
<th>NAME OF INVESTIGATION</th>
<th>NO. OF TESTS IN 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELECTROPHORESIS</td>
<td>150</td>
</tr>
</tbody>
</table>

**C. Special clinical chemistry Lab, MAMC:**
No. of tests in 2019:
- Test for Bence Jones proteins: 61 tests
- Screening tests for porphyria: 45 tests
- Stone analysis: 32 tests

**D. Electrochemiluminiscence lab, MAMC:**
The following investigations are done:

<table>
<thead>
<tr>
<th>TSH</th>
<th>β HCG</th>
<th>PSA</th>
<th>FOLIC ACID</th>
</tr>
</thead>
<tbody>
<tr>
<td>FT4</td>
<td>CEA</td>
<td>TESTOSTERONE</td>
<td>CA 125</td>
</tr>
<tr>
<td>FT3</td>
<td>INSULIN</td>
<td>CORTISOL</td>
<td>PROGESTERONE</td>
</tr>
<tr>
<td>LH</td>
<td>PTH</td>
<td>VITAMIN D3</td>
<td>AMH</td>
</tr>
<tr>
<td>FSH</td>
<td>DHEA</td>
<td>VITAMIN B12</td>
<td>NT pro BNP</td>
</tr>
<tr>
<td>PROLACTIN</td>
<td>E2</td>
<td>AFP</td>
<td>Pro Calcitonin</td>
</tr>
<tr>
<td>FERRITIN</td>
<td>Anti TPO</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

No. of tests done in Electrochemiluminescence Lab in 2019: 43610 tests

**16. New Facilities added:**
A new capillary electrophoresis apparatus with quantification of the fractions have been started. Special coagulation profile parameters like Protein C and S, factor VIII are being done.
COMMUNITY MEDICINE

I. Name of the Head of the Department: Dr. Nandini Sharma

II. Name of Faculty:

<table>
<thead>
<tr>
<th>S No</th>
<th>Name of the Faculty</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dr. GS Meena</td>
<td>Director-Professor</td>
</tr>
<tr>
<td>2</td>
<td>Dr. Suneela Garg</td>
<td>Director-Professor</td>
</tr>
<tr>
<td>3</td>
<td>Dr. Nandini Sharma</td>
<td>Director-Professor and Head</td>
</tr>
<tr>
<td>4</td>
<td>Dr. Panna Lal</td>
<td>Director-Professor</td>
</tr>
<tr>
<td>5</td>
<td>Dr. M. Meghachandra Singh</td>
<td>Director-Professor</td>
</tr>
<tr>
<td>6</td>
<td>Dr. Bratati Banerjee</td>
<td>Professor</td>
</tr>
<tr>
<td>7</td>
<td>Dr. Rajesh Kumar</td>
<td>Professor</td>
</tr>
<tr>
<td>8</td>
<td>Dr. Pragya Sharma</td>
<td>Professor</td>
</tr>
<tr>
<td>9</td>
<td>Dr. Nidhi Bhatnagar</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>10</td>
<td>Dr. Amod Borle</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>11</td>
<td>Dr. Shivani Rao</td>
<td>Assistant Professor</td>
</tr>
</tbody>
</table>

III. Projects:

A. Completed research projects this year:

| a. | A prospective study of magnitude of domestic violence in pregnancy, its associated factors, related maternal health and birth outcomes in Delhi | PI: Dr. Suneela Garg, Co-PI: Dr. M.M. Singh | Funded by ICMR, New Delhi |
| b. | Risk Factors and Treatment seeking pathways among patients of Multi Drug resistant Tuberculosis | PI: Dr. Nandini Sharma | Funded by RNTCP. |
| c. | Building capacity to prevent Cyberbullying in India and the U.S.: A cross cultural collaboration | PI: Dr. Nandini Sharma | Ministry of Human Resources Development (MHRD) |
| d. | Prevalence of Vitamin D deficiency and insulin resistance among type II diabetes patients attending a tertiary hospital in Delhi. | PI: Dr. M.M. Singh, Co-Investigators: Dr. S. Anuradha, Suneela Garg, Dr. BC Koner. |

B. On-going projects

<table>
<thead>
<tr>
<th>S No</th>
<th>Name of Project</th>
<th>PI/CoPI</th>
<th>Funding Agency</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Menstrual hygiene practices among Adolescent Girls in Rural and urban resettlement areas of Delhi.</td>
<td>Dr. Suneela Garg, Co-PI: Dr. MM Singh, Dr Nidhi Bhatnagar, Dr. Amod L. Borle</td>
<td>Dir. H &amp; Family Welfare, Govt of NCT Delhi</td>
</tr>
<tr>
<td></td>
<td>Addressing Smokeless Tobacco and Building research Capacity in South Asia ASTRA</td>
<td>Dr. Suneela Garg, Co-PI: Dr. MM Singh, Dr Nidhi Bhatnagar, Dr. Amod L Borle, Dr. Ravi Kaushik</td>
<td>National Institute of Health Research (NIHR) University of York</td>
</tr>
<tr>
<td></td>
<td>Impact of Air Pollution on Public Health - An Observational Study</td>
<td>Dr. Nandini Sharma</td>
<td>Funded by Delhi Pollution Control Committee (DPCC).</td>
</tr>
<tr>
<td></td>
<td>Principal investigator for project “Latent TB Updates: Focus on Latent TB for TB Elimination in India- the Time is Now”</td>
<td>Dr. Nandini Sharma</td>
<td>Approved for funding by RNTCP.</td>
</tr>
<tr>
<td></td>
<td>ICMR funded community based intervention research project titled ‘Efficiency of Child -To -</td>
<td>Dr. Bratati Banerjee</td>
<td>Indian Council of Medical research</td>
</tr>
<tr>
<td>Name of the student</td>
<td>Title of the thesis</td>
<td>Guide</td>
<td>Co-guides</td>
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<tr>
<td>Dr. Dalveer Singh</td>
<td>A study about awareness and utilisation of JananiShishuSurakshaKaryakram provisions among post natal women in an urban resettlement colony of Delhi</td>
<td>Dr.G.S.Meena</td>
<td>Dr. SV Singh</td>
</tr>
<tr>
<td>Dr. Akashdeep Sharma</td>
<td>Prevalence and Associated factors of Smokeless Tobacco use Among Adolescent in Schools of Delhi</td>
<td>Dr. SuneelaGarg</td>
<td>Dr. M.M. Singh Dr. Pragya Sharma</td>
</tr>
<tr>
<td>Dr. Aditi Sejwan</td>
<td>Effect of Smoking on Sputum Conversion and treatment outcome in Newly Diagnosed Sputum Positive Male Pulmonary Tuberculosis patients attending DOTS Centres in Delhi</td>
<td>Dr. SuneelaGarg</td>
<td>Dr. Nandini Sharma Dr. M.M. Singh Dr. Rajesh Kumar</td>
</tr>
<tr>
<td>Dr. Rohit Katre</td>
<td>Effect of nutrition education package on dietary modification in patients of diabetes and/or hypertension attending non-communicable disease clinic at a rural health training centre in Delhi</td>
<td>Dr Bratati Banerjee</td>
<td>Dr. Panna Lal/ Dr. Pragya Sharma</td>
</tr>
<tr>
<td>Dr. Madhuri</td>
<td>Primary health care: Utilisation pattern and quality of public sector facilities in an urban slum and resettlement colony of Delhi</td>
<td>Dr Nandini Sharma</td>
<td>Dr SuneelaGarg Dr Bratati Banerjee Dr Pragya Sharma</td>
</tr>
<tr>
<td>Dr. Varun</td>
<td>An epidemiological study on use of smokeless tobacco among adult population in an urban resettlement</td>
<td>Dr MM Singh</td>
<td>Dr. SuneelaGarg/ Dr.Bratati Banerjee</td>
</tr>
<tr>
<td>Ankit Yadav</td>
<td>Study of self-medication practices among people aged 18 years and above in a rural area of Delhi</td>
<td>Dr G S Meena</td>
<td>Dr Rajesh Kumar</td>
</tr>
<tr>
<td>Navya G.</td>
<td>Study on prevalence of thyroid disorders, its associated risk factors and birth outcome among pregnant women attending urban health centre in Delhi</td>
<td>Dr. PannaLal</td>
<td>Dr. G.S. Meena Dr. M.M. Singh Dr. Pramod Lali</td>
</tr>
<tr>
<td>Pallavi Singh</td>
<td>Feeding practices in children under 2 years of age in a rural area of Delhi</td>
<td>Dr. Rajesh Kumar</td>
<td>Dr. G.S. Meena DrPannaLal</td>
</tr>
<tr>
<td>Dr. Aanchal Anand</td>
<td>Prevalence of Malnutrition among adolescents in Delhi and assessment of its impact on their Quality of Life.</td>
<td>Dr.Pragya Sharma</td>
<td>Dr.Bratati Banerjee Dr. Monica Rana</td>
</tr>
<tr>
<td>Dr. Anjali Rajeev</td>
<td>Effect of mHealth intervention on antenatal care utilization and outcomes among pregnant women attending an urban health centre in Delhi.</td>
<td>Dr.SuneelaGar g</td>
<td>Dr. M. M. Singh Dr. NidhiBhatnagar Dr. Y. M. Mala</td>
</tr>
<tr>
<td>Dr. Archita Jain</td>
<td>Prevalence and Risk factors for Disability and Development Delays in children of age group 6-12 years in a Government School of Delhi.</td>
<td>Dr.Nandini Sharma</td>
<td>Dr.AmodLaxmikant Borle Dr.SangeetaYadav</td>
</tr>
<tr>
<td>Dr. Arti Nareda</td>
<td>A community based study on prevalence of Acute Respiratory Tract Infections and associated factors among under 5 children in a resettlement colony of Delhi.</td>
<td>Dr.PannaLal</td>
<td>Dr.NidhiBhatnagar</td>
</tr>
<tr>
<td>Name</td>
<td>Title</td>
<td>Authors</td>
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</tr>
<tr>
<td>Dr. Divya Gupta</td>
<td>A study on Urinary Tract Infections among women attending antenatal clinic in an urban health centre in Delhi</td>
<td>Dr. M. M. Singh, Dr. C. P. Baveja, Dr. Y. M. Mala</td>
<td></td>
</tr>
<tr>
<td>Dr. Rahul Kumar</td>
<td>Epidemiological profile of injuries among geriatric population attending a primary health centre in urban resettlement colony of Delhi</td>
<td>Dr. Bratati Banerjee, Dr. M. M. Singh</td>
<td></td>
</tr>
<tr>
<td>Dr. Vijaypal Singh</td>
<td>Immunization Coverage under Universal Immunization and vaccine hesitancy in an urban resettlement colony of Delhi</td>
<td>Dr. Rajesh Kumar, Dr. Amod Laxmikant Borle, Dr. Devendra Mishra</td>
<td></td>
</tr>
<tr>
<td>Dr. Vikram Singh</td>
<td>Perceived stress and coping mechanisms among undergraduate medical students.</td>
<td>Dr. Nandini Sharma, Dr. Shivani Rao</td>
<td></td>
</tr>
</tbody>
</table>

**B. Completed thesis:**

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr Sahadev Santra</td>
<td>Effect of m-health on treatment adherence among Tuberculosis patients at DOTS centers in Delhi</td>
<td>Dr Suneela Garg, Dr. Nandini Sharma, Dr. M. Meghachandra Singh</td>
</tr>
<tr>
<td>Dr. Neha Sharma</td>
<td>Unmet need for family planning and associated factors among women in extended postpartum period in an urban resettlement colony of Delhi</td>
<td>Dr. Nandini Sharma, Dr Suneela Garg, Dr. Bratati Banerjee, Dr. Y. M. Mala</td>
</tr>
<tr>
<td>Dr Jeevan Jyoti Meena</td>
<td>Effect of health education on nutritional status of elderly population in a rural area of Delhi</td>
<td>Dr. G. S. Meena, Dr Suneela Garg, Dr. G. S. Meena</td>
</tr>
<tr>
<td>Dr Jagriti</td>
<td>Epidemiological study of unintentional injuries among under 5 children and related treatment seeking behavior of caregivers in a rural area of Delhi</td>
<td>Dr. M. Meghachandra Singh, Dr Suneela Garg, Dr Pragya Sharma, Dr K. Rajeshwari</td>
</tr>
<tr>
<td>Dr. Priyanka Yadav</td>
<td>A socio-epidemiological study of abortions in a rural area of Delhi</td>
<td>Dr G S Meena</td>
</tr>
<tr>
<td>Dr. J Dhivagar</td>
<td>Validity of clinical examination for detection of anaemia among pregnant women attending rural rural health care facility in Delhi</td>
<td>Dr. Bratati Banerjee, Dr. G.K. Ingle</td>
</tr>
<tr>
<td>Dr. Alka Yadav, MD Ophthalmology</td>
<td>Evaluation of Optical Coherence Tomography Parameters Following scleral Buckling Surgery In Primary Rhenmatogenous Retinal Detachement.</td>
<td>Dr. Nandini Sharma</td>
</tr>
</tbody>
</table>

**V. Extramural meeting:**

**Dr. Suneela Garg**

1. Dr. Suneela Garg attended the Project Review Committee (PRC) meeting on women’s health for the review of new and ongoing Ad-hoc and Task Force proposals in the discipline. at Conference Hall, ICMR New Delhi on 22nd January, 2019

2. Dr. Suneela Garg attended IEC meeting to discuss the points for Script for the sponsored Radio programme for NPPCD (7th Feb. 2019) at MoHFW GOI


4. Dr. Suneela Garg attended “PRC (project review committee) meeting to review the full proposals under Adhoc research scheme in the area of Obesity and Metabolic Syndrome and Chronic Diseases at ICMR, New Delhi on 26th March 2019
5. Dr. Suneela Garg attended “PHFI Foundation Day ceremony on at PHD House, New Delhi 110016. (28th March 2019)


7. Dr. Suneela Garg attended “A state level meeting for review of Angwadi based weekly Iron & folic Acid Programme & Dissemination of Guidelines for implementation of UDAAN Scheme at Vikas Bhawan II (1st April 2019)

8. Dr. Suneela Garg attended “meeting for finalisation of Radio Programmes under NPPCD at MoHFW GOI (22nd July 2019)

9. Dr. Suneela Garg attended “Meeting to discuss the observations made by DEAN MAMC with references to the minutes of previous meeting review the guidelines for Research Activities. (30th July 2019)

10. Dr. Suneela Garg attended Expert Group Meeting for Quality of Interpartum and immediate post partum care of Mothers and Newborn :- An Implementation research to improve performance of Laqshya programme in four districts spread across 2 EAG and 2 other states at ICMR (31st July 2019)

11. Dr. Suneela Garg attended “Technical Steering committee for Norms for involvement of sub-division hospitals under NPPCD at MoHFW GOI (1st August 2019)

12. Dr. Suneela Garg attended “The follow up meeting on School Level Interventions at WHO SEARO (7th October 2019)

13. Dr. Suneela Garg attended “Meeting Regarding finalisation of open of Bid on GEM portal for hiring services for MAMC.

14. Dr. Suneela Garg attended “To finalise the script for Sponsored Radio Programme under NPPCD at MoHFW GOI 29th October 2019)

15. Dr. Suneela Garg attended “International Meeting on “Tobacco Advertisement Promotion and Sponsorship Ban for Smokeless Tobacco”; at WHO FCTC Global Knowledge Hub on Smokeless Tobacco, Indian Council of Medical Research, New Delhi, India (6 & 7 November 2019)

16. Dr. Suneela Garg attended “Meeting of the Committee of Courses & Studies (Community Medicine) University of Delhi, (10th December 2019)


18. Dr. Suneela Garg attended International Meeting on “Tobacco Advertisement Promotion and Sponsorship Ban for Smokeless Tobacco”; at WHO FCTC Global Knowledge Hub on Smokeless Tobacco, Indian Council of Medical Research, New Delhi, India 6 & 7 November 2019

Chair the session on "Parties experience in implementing best practices of Smokeless Tobacco control policies"


Dr. Nandini Sharma

1. Attended “India Showcase” and ‘Welcome Reception’ events for Preparatory Meeting of the Global Fund’s Sixth Replenishment (2020-22) on 7th February, 2019. Organized by Ministry of Health and Family Welfare, Govt. of India.


3. Attended meeting of the all Heads of the Departments, University of Delhi/Head of the Institutions, Faculty of Medical Sciences on 4th June, 2019 at Faculty of Medical Sciences

4. Examined and conducted viva for PhD thesis in JNU on 12th June 2019.

5. Took lecture on District Disaster management preparedness & management during the Avalanches & landslides organized by NIHFW in training course on "District Preparedness for Public Health Emergencies Management" for Senior Faculties of Partner Institutions on 14th June, 2019.

6. Delivered a Lecture on “Health issues in water resources” in Training Course on “Integrated Water Resources
7. Attended meeting on Review of PG Ordinance on 26th July at VP Chest Institute Building, University of Delhi.
8. Core Committee meeting of RNTCP held on 6th Aug 2019 in dept. Of Community medicine MAMC
9. State Task Force (STF) of RNTCP at MAMC in Delhi, on 21st August, 2019
10. Participated in Workshop for paper setting of “Social Medicine & Community Health” on 13th & 14th Sept. 2019 for UGC-NET exam
12. Organised CME on “Latent TB updates: focus on latent TB for TB elimination in India” on 3rd -4th October 2019 in MAMC
13. Attended meeting of the Faculty of Medical Sciences on 14th October, 2019
16. Core Committee Meeting of RNTCP held on 20th Dec 2019 in Chest Clinic, LNJP.
17. Attended Delhi State OR Committee meeting on 25th Feb 2019.
18. Moderation of question bank workshop attended on 16 Dec in NBE

Dr Nidhi Bhatnagar
1. Master trainer in Introduction of Rotavirus vaccine in State Immunization Program and creation of master trainers. (10th and 11th June, 2019)
2. Master trainer in Workshop on VPD surveillance and case based MR surveillance. 26-28th Nov, 2019
3. Health promotion for hearing care in schools of South East Asian Region” in Collaboration with WHO at MAMC (8th to 9th Nov. 2019).
4. Vaccinology for clinical and public health practice, November 18-21st 2019. Department of Science and Technology with HITAP and London School of Hygiene and Tropical Medicine.
5. Training Course on Demographic Data Analysis for Health Personnel during (2nd – 6th September, 2019) at NIHFW, New Delhi

Dr. Amod Borle
1) Environmental Impact assessment of water resource projects, WRD 24 of Bureau of Indian Standards.
2) Meeting to devise state action plan to combat against anti microbial resistance of GNCT of Delhi
3) Assessment of Effective Vaccine management of Bihar, National Institute of Health and Family Welfare. Attended as National Monitor

Dr. Shivani Rao
1) Meeting of National vector borne disease Control Programme in Delhi Secretariat in June 2019

Representation on expert committees/bodies.

Dr. Suneela Garg
1. Member of the Scientific Advisory Committee (SAC) ICMR
2. Project review member of ICMR
3. Member, review of MRHUs, MRUs under DHR-ICMR.
4. Chairman, Security Services at MAMC
5. Chairman, Final MBBS part-I at MAMC
6. Chairman, Departmental Canteen at MAMC
7. Chairman, Accommodation Committee MAMC
8. Chairman Academic Committee Research Society of MAMC
9. Examiner of NIHFW Examination
10. Member of NACO Consultant Interview Panel
11. Reviewer International Journal of Non-Communicable Diseases
12. The Editorial board member of (a); (b) Indian Journal of Preventive Medicine; (c) Indian Journal of Communicable diseases; (d) Asia Pacific Journal of Public Health

Dr GS Meena
1. Nodal Officer for MAMC Post Graduate Admissions Delhi University
2. Member Cafe and Kiosk Committee
3. Member ICMR Task force expert committee
4. Member Convocation Reception committee
5. Chairman /Member MAMC IT, LAN & Server Committee
6. Chairman Anti Ragging Committee
7. Faculty Adviser for Students Sports Committee
8. Nodal Officer for IDSP (Integrated Disease Surveillance Project)
9. Selection Committee Member Senior Residents
10. In-charge Departmental Senior Residents
11. Resource person for Sound Hearing 2030
12. Resource Person National Board of Examination
13. Expert Member, National Urban Health Mission

Dr. Nandini Sharma
1. Chairperson for the State Task Force for implementation of RNTCP in Medical Colleges of Delhi.
2. Chairperson for Constitution of Committee for finalizing a comprehensive and composite proposal for facilitating Training and Exchange Programs on Management Skills and Staff Skills of the in-service Medical Professionals/ Paramedicals/Nursing Staff of the Department of H&FW, Govt. of NCT of Delhi in National and International institutes of repute
5. Member Committee for monitoring and review work of Canals and Command Area Development of Omkareshwar Project constituted by MoEF.
6. Resource person for STI Control Programme in Delhi‘
7. Technical Expert Group on TB Burden estimation in India
9. Member Secretary Maulana Azad Medical College Protocol Committee
10. Nodal Officer Pulse Polio for Maulana Azad Medical College
11. Member Research Advisory Committee of Model Rural Health research Unit Distt. Una (HP)
14. Chairperson of Building Committee of MAMC.

Dr. MM Singh
1. Task Force Group member of ICMR on “Health systems preparedness for interventions for diabetes, hypertension, chronic respiratory diseases and cardiovascular disease and deaths due to non-communicable diseases among the tribal population in India”(2013 ongoing)
2. Project review member of ICMR on Stillbirths, fellowships,
3. Member, review of MRHUs, MRUs under DHR-ICMR.
4. Chairman, ethical committee board, Dept. of Anthropology, Delhi University
5. Chairman, ethical committee of New Delhi Tuberculosis Centre, New Delhi
6. Member, Ethical Committee, ESI, Basaidarapur, New Delhi
7. MBBS/MD examiner for Delhi University, CCS University, Meerut, Swami Ram Himalayan University, Dehradun., IP university, New Delhi, Manipur University, Imphal, Aligarh Muslim University, Baba Farid University, Swami VivekanandSubharti University, Meerut, JIPMER, Puducherry, MGM Medical College, Jaipur, AIHPH, Kolkata.
8. Ph.D Thesis examiner of KG Medical University, MD thesis examiner of PGIMER, Chandigarh, BHU, Varanasi
9. Member, sanitation committee, MAMC, New Delhi
10. Nodal Officer, committee for harassment of North East students, MAMC, New Delhi
11. Member, H1N1 death review committee, Govt. of NCT Delhi
12. MCI Inspector
13. Nodal officer, MAMC app
14. Incharge, telephone, MAMC
15. Associate editor, International Journal of Non-Communicable Diseases
16. Editorial board member of (a) International Journal of Medical and Applied Research; (b) Indian Journal of Preventive Medicine; (c) Indian Journal of Communicable diseases; (d) Journal of Holistic Nursing and Midwifery.

**Dr. Rajesh Kumar**
- Member of the Sports Committee at MAMC.
- MIS Drug incharge
- Member of orientation of 1st year students; refreshment Committee.
- Member of Condemnation and auctioning committee.
- Member of store and stock position in department.
- Member of committee on “Sankalan.”
- Faculty advisor “Goonj”.
- Physical verification of stores of PG MET cell.
- In-charge of BVK health center
- Resource person for DNB; contributed to question bank, validation expert.
- Examiner of Final MBBS, Supplementary examination Community Medicine.
- External examiner IP University, at NDMC, Hindu Rao Hospital, Delhi.
- Superintendent Final MBBS Examination Part 1.

**Dr. Nidhi Bhatnagar**
1. Department Nodal Person, Regional STI Reference Research and Training Centre, MAMC, under National AIDS Control Organization, New Delhi.
2. Incharge Senior Residents, Department of Community Medicine
3. Incharge medical examination of undergraduate batch 2019 for admission into MAMC.

**VI. Conferences:**

**Dr. Suneela Garg**
2. Dr. Suneela Garg attended Conference “4th International Conference on Occupational and Environmental Health Vardhman Medical College & Lady Hardinge Medical College New Delhi (13th Feb. To 17th Feb. 2019)
Panel Discussion : Climate facts of Occupational Health
3. Dr. Suneela Garg attended CME Workshop on World Hearing Day at Dr. Shroff Charitable Eye Hospital (2nd March 2019)
4. Dr. Suneela Garg attended “ Indian Association of Preventive & Social Medicine Conference (IAPSMCON) at Shimla (7th to 11th March 2019)
5. Dr. Suneela Garg attended “ CME for Doctors on Recent Advances and updates in National Health Programmes for Major Public Health Problems (13-15 March 2019)
6. Dr. Suneela Garg attended “ Workshop on “ Implementation of the Noise Pollution (Regulation& Control) Rules (11th April 2019)
7. Dr. Suneela Garg attended Scientific Advisory Committee (SAC) of NICPR at NICPR’s on 16th April 2019.
8. Dr. Suneela Garg attended FIRST FOUNDERS’ DAY National Centre of Excellence and Advanced Research on Diets (NCEARD), Lady Irwin College April 18, 2019
10. Dr. Suneela Garg attended FICCI Working Group on Safe Listening Chapter Outline for the Paper on Make Listening Safe at FICCI Federation House, New Delhi (15th October 2019)
11. Dr. Suneela Garg attended “Workshop on Sensitization of resident doctors in Managerial, Technical & Quality aspects of Family Planning” in the dept of Community Medicine MAMC from 15th October to 16th October 2019. Delivered a lecture “Importance of Community Perspectives in delivery of Family Planning Services”

**Dr. GS Meena**
Health promotion for hearing care in schools of South East Asian Region” in Collaboration with WHO at MAMC (8th to 9th Nov. 2019).
Dr. Panna Lal
1. Attended Dissemination Workshop for the research project on “Efficiency of Child to Child Approach in preventing Childhood Injuries and their consequences” organized by Department of Community Medicine on 25th July, 2019.
3. Attended “Panel Discussion on Jan Janki Aushadhi : Janaushadhi” Organized by Karuna Foundation at Constitution Club on 13th October, 2019
4. Attended “Pulse Polio Silver Jubilee : Let’s Review the Pledge to Reach Each Child” function organized by Ministry of Health & Family Welfare on 31st October, 2019
5. Participated as faculty in WHO SEAR Workshop on ”Health promotion for hearing care in Schools of South East Asian Region” organized by Society for Sound Hearing and Dept. of Community Medicine, MAMC from 8th-9th November, 2019
6. Attended “10th Indian Organ Donation Day” function organized by Ministry of Health & Family Welfare on 30th November, 2019
7. Attended conference on “Sri Sathya Sai Medicare: Healing with love” organized by Sri Sathya Sai International Centre Delh on 15th December (Sunday), 2019

Dr. MM Singh
1. Dr. MM Singh attended dissemination workshop for research project on “Efficiency of child to child approach in preventing childhood injuries and their consequences.” Held on 25th July 2019.

Dr. Bratati
63rd National IPHA Conference 2018, to be held at Rangaraya Medical College, Kakinada, Andhra Pradesh

Dr. Rajesh
- 63rd Annual Conference of IPHA at Kakinada, AP.
- CME on Immunization updates: Newer initiatives in immunization and vaccine safety.
- Resource person for Symposium on “Breast cancer screening”.
- CME on “Child abuse and safety”

Dr. Nidhi Bhatnagar
1. 4th International Conference on Occupational and Environmental Health Vardhman Medical College & Lady Hardinge Medical College New Delhi (13th Feb. To 17th Feb. 2019)
2. 13th Annual Conference of Indian Society of Malaria and Communicable Disease in collaboration with NCDC and NVBDCP at Kochi, Kerela. (29th Nov-1st Dec, 2019)

Dr. Amod Borle
1. North Zone IAPSM Conference at Mewat 02 and 03 Nov 2019

VII. Examination conducted:
Dr. Suneela Garg
1. Dr. Suneela Garg As an External Examiner for Post Graduate Diploma in Public Health Management at NIHFW (23rd July 2019)
2. Dr. Suneela Garg as supervisor the term end practical examination of Post Graduate Diploma in Geriatric Medicine (PGDGM) IGNOU

Dr. Panna Lal:
1. Internal Examiner for Regular Practical/Oral Examination of MD in Community Medicine of Delhi University held at Lady Harding Medical College from 23rd-26th April, 2019. & Supplementary Exam from 21st-22 October, 2019.
2. External Examiner for Practical/Oral Examination of MD in Community Medicine held at Moti Lal Nehru Medical College, Allahabad (King George Medical University, Lucknow, UP from 24th-25th June, 2019.

Dr. Bratati
1. External examiner for MPH Exam at All India Institute of Hygiene & Public Health, Kolkata, under The West Bengal University of Health Sciences
2. External examiner for MBBS Final Exam Part I at Kolkata Medical College, under The West Bengal University of Health Sciences
3. External examiner for MBBS Final Exam Part I at Hamdard Institute of Medical Sciences and Research, under The JamiaMilia University
4. Paper setter for Medical Sciences for UPSC exam
5. Interviewer for selection of Faculty in ESI Medical college, Faridabad

Dr. Amod
Examiner in Delhi University for 3rd Prof, Part I examination of UG students.

Dr. Shivani Rao
Confidential officer for Delhi University Examination 3rd Prof Part I

VIII. Training/workshop/seminar organized:

Dr. Suneela Garg:
1. Dr. Suneela Garg organising Committee (Conference “4th International Conference on Occupational and Environmental Health” (15th Feb. 2019 to 17th Feb. 2019)
2. Dr. Suneela Garg Organised “2nd World Congress Sound Hearing at Bali Indonesia” (20th Feb. To 23rd Feb. 2019)
3. Dr. Suneela Garg Organised the EAR Screening Camp for the officials of MoHFW GOI at Celebration of World Hearing Day at Ministry of Health & Family Welfare GOI (3rd March 2019)
4. Dr. Suneela Garg Organised Workshop “Health promotion for hearing care in schools of South East Asian Region” in Collaboration with WHO at MAMC (8th to 9th Nov. 2019).
5. Dr. Suneela Garg Organised Pilot Testing of Modules Occupational Health Program: Care And Compliance of Unorganized Sector Workers Perspective for the Primary Health Care Professionals (OHP-CAPH) Maulana Azad Medical College with NIOH & PHFI (16th Nov. 2019)

Dr. Nandini Sharma
1. CME on “Latent TB updates: focus on latent TB for TB elimination in India” on 3rd -4th October 2019 in MAMC
2. Core Committee Meeting of RNTCP on 6th Aug 2019 in Dept. of Community Medicine MAMC
3. Core Committee Meeting of RNTCP held on 20th Dec 2019 in Chest Clinic, LNJP.
4. State Task Force (STF) at MAMC in Delhi, on 21st August, 2019

Dr. MM Singh
1. Dr. MM Singh organised a workshop for nurses on “Breast cancer screening”. 22nd March 2019, MAMC, New Delhi.

Dr. Nidhi Bhatnagar

Dr. Bratati
1. Coordinator for ‘CME for Doctors on Recent Advances and Updates in National Health Programmes for Major Public Health Problems’, funded by MAMC
2. Coordinator for Dissemination Workshop for the research project on ‘Efficiency of Child-To-Child Approach in Preventing Childhood injuries and their Consequences’
3. Coordinator for ‘Workshop on Surveillance of Childhood Injuries at Primary Health Care Facilities’

Dr. Amod Borle
1) Workshop on PubMed Search and Reference management using citation manager
   Date: 9th and 10th Dec 2019
   Funding: State Budget MAMC
2) As Co-coordinator for the workshop on Public Health Programme update organized from 13-15th March 2019
   Funding: State Budget MAMC

Dr. Shivani Rao
-Health camp on Anaemia organised on 25th September 2019
Honors:
Dr. Suneela Garg awarded Harcharan Singh Oration during 46th Annual National Conference, 2019 of IAPSM at IGMC Shimla.
Dr. Nandini Sharma Delhi State Award for meritorious services in the field of health care in Delhi, 2019.

IX. PUBLICATIONS

Dr. Suneela Garg


13. Basu S, Budh N, Garg S, Singh MM, Sharma A. Postpartum depression burden and associated factors in mothers of infants at an urban primary health center in Delhi, India. Tzu Chi Med J. 0,0:0.


15. Basu S, Mariam W, Garg S. Previous Animal Bite Exposure management among Incident bite cases in a secondary care hospital in Delhi, India. IJPH. 2019. (Accepted on 16.10.2019)


19. Training of health workers for the Maternal Death Surveillance and Response program in India: the development of a resource package including learning modules, knowledge assessment and analytical
Dr. Nandini Sharma


Accepted


12. Trends and treatment outcomes of multidrug resistant tuberculosis in Delhi, India (2009-14): a retrospective record based study” is provisionally accepted in IJMR.

13. JEA-2019-2940.R1 entitled "Pilot evaluation of Setu, a school-based violence prevention program among Indian adolescent Sharma, Drishti; Mehari, Krista; Kishore, Jugal; Sharma, Nandini; Duggal, Mona


Dr. MM Singh


11. Basu S, Budh N, Garg S, Singh MM, Sharma A. Postpartum depression burden and associated factors in mothers of infants at an urban primary health center in Delhi, India. Tzu Chi Med J. 0.0:0.

Dr. Rajesh Kumar


ANNUAL REPORT OF HEALTH CENTERS

Annual Report of BastiVikas Kendra, Balmiki Basti, 2019

Total OPD cases: 3982
Number of Health Talks given: 20

Health education:

- Health education was given by Under Graduate students of Maulana Azad Medical College. On the topics
  1. Acute Respiratory Infection; symptoms, danger signs , prevention and management
  2. Hand Hygiene along with demonstration.
- Skits were organized by Under Graduate students.
- Charts and video clips were used for health education.
- Post graduate student had also organized Health talks.
- World Health Day was celebrated regarding Universal health coverage among BVK residents on 7th April 2019. Health talk.
- Health education was given on prevention and management of Anemia in the Centre focusing on Adolescent girls and pregnant females.
• International Breast Feeding week celebrated in community on 7 August 2019. Health talk was given by the interns on the importance of breast feeding. Main focus was given on the early initiation of breast feeding, exclusive breast feeding, restriction of pre lacteal feeds, attachments and positioning during feeding.

• Health talk was held on Air Pollution: Dos and Don’ts in the center.

Health Promotion Activities:
• Counseling on various methods of contraception was conducted in the center.

• Counseling on the following topics were conducted in the OPD
  1. Management and importance of treatment adherence in Hypertension and Diabetes Mellitus.
  2. Diarrhea management, ORS preparation and home remedies.

• Health promotion activity was held on the occasion of Menstrual Hygiene Day amongst adolescent girls. And some packets of sanitary napkins were distributed for motivational purpose..

• Counseling on lifestyle modification for Hypertension and Diabetes Mellitus patients was given regularly to the OPD patients.

Academic activities:
3rd professional practical examination was conducted in the field area.

Referral Services:
• Two way referral services to LNH were given to patients when required.
• All motivated couples for sterilization are referred to the LN hospital.

Annual report of Delhi Gate Centre
Following activities are conducted at Delhi Gate Health Centre:-
  1. O.P.D. services
  2. M.C.H. and family welfare services
  3. Implementation of National Health programmes
  4. Research activities
  5. Control of communicable diseases
  6. Health education in the community
  7. Training of interns
  8. Referral services

Total Population (health practice area):-
As on 31.12.2017: 10800; Males = 5604; Females = 5196; Under 5 = 2505; Total no of houses = 1806

O.P.D. Services: - Total: 9534

<table>
<thead>
<tr>
<th>Disease specific OPD Services</th>
<th>Male</th>
<th>Female</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>RTI/STI</td>
<td>202</td>
<td>76</td>
<td>278</td>
</tr>
</tbody>
</table>

ARI- 1782
Diarrhoea- 614
Dental - 18
ENT- 30
Ophthalmic related-81
Diabetes- 275
Hypertension-964
Adolescents- 
  Male- 388    Female-427
M.C.H. and family welfare services: -

<table>
<thead>
<tr>
<th>MCH Services</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANC</td>
<td>49</td>
</tr>
<tr>
<td>1st visit in 1st trimester</td>
<td>14</td>
</tr>
<tr>
<td>TT 1</td>
<td>30</td>
</tr>
<tr>
<td>TT 2 + Booster</td>
<td>24</td>
</tr>
<tr>
<td>Post natal visits</td>
<td>28</td>
</tr>
</tbody>
</table>

Details of Contraceptive Usage:

<table>
<thead>
<tr>
<th>Method of contraception</th>
<th>Total</th>
</tr>
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<tbody>
<tr>
<td>Condoms</td>
<td>2450</td>
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<tr>
<td>Oral pills</td>
<td>54</td>
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<tr>
<td>IUCD</td>
<td>0</td>
</tr>
<tr>
<td>I pill</td>
<td>0</td>
</tr>
<tr>
<td>Total</td>
<td>2504</td>
</tr>
</tbody>
</table>

Immunization services:

<table>
<thead>
<tr>
<th>Vaccine</th>
<th>Total</th>
<th>Vaccine</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCG</td>
<td>13</td>
<td>MMR</td>
<td>11</td>
</tr>
<tr>
<td>OPV '0' Dose</td>
<td>3</td>
<td>OPV/DPT booster- 1</td>
<td>81</td>
</tr>
<tr>
<td>Penta/OPV/DPT/Hep B 1st</td>
<td>99</td>
<td>DPT booster- 2</td>
<td>54</td>
</tr>
<tr>
<td>Penta/OPV/DPT/Hep B 2nd</td>
<td>87</td>
<td>Typhoid(TAB)</td>
<td>0</td>
</tr>
<tr>
<td>Penta/OPV/DPT/Hep B 3rd</td>
<td>87</td>
<td>Vitamin A 1st dose</td>
<td>32</td>
</tr>
<tr>
<td>IPV 1+2</td>
<td>99+87</td>
<td>Vitamin A 5th dose</td>
<td>13</td>
</tr>
<tr>
<td>Measles 1st</td>
<td>65</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MR</td>
<td>66</td>
<td>TT</td>
<td>15</td>
</tr>
</tbody>
</table>

Under 5 services:

<table>
<thead>
<tr>
<th>DISEASES</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diarrhoea</td>
<td>115</td>
</tr>
<tr>
<td>URI</td>
<td>784</td>
</tr>
<tr>
<td>SAM</td>
<td>0</td>
</tr>
<tr>
<td>Pneumonia</td>
<td>30</td>
</tr>
</tbody>
</table>

Number of Under-5 children given Albendazole- 39

General activities:
1. Health talks given in community by interns on common public health problems and healthy lifestyle habits
2. Education of interns about rational usage of drug
3. Training of interns in immunization and record maintenance
4. Health education activities organized for dengue, diarrhoea, malnutrition
5. Prevention and control of anaemia in adolescents and pregnant women
6. Prevention and treatment of diarrhoea
7. Infant and young child feeding practices along with growth monitoring and counselling of mothers.
8. ANC- Management of common medical problems, referral and follow-up

Health talks given by interns to community:
1. Knowledge about dengue and other vector bornediseases
2. Geriatric health problems
3. Hand washing and hand hygiene, personal hygiene and sanitary hygiene
4. Prevention and control of anemia in adolescents
5. Prevention and treatment of acute respiratory illness
6. Infant and young child feeding practices
7. ANC- common problems and treatment
8. Knowledge and awareness about RTI/STI
9. Knowledge about Menstrual hygiene
10. Knowledge and awareness about scabies
11. Self breast examination practice
12. Indoor and outdoor air pollution and related illness

World health days celebrated:
1. National deworming day
2. World hearing day
3. World glaucoma week
4. World health day
5. World population day
6. World breastfeeding week
7. Population stabilisation fortnight

Referral Services:
1. All the ANC cases with special reference to Primigravida and High Risk cases are referred to the LNJP hospital for further appropriate management.
2. All motivated couples for sterilisation are referred to the LNJP hospital.
3. The hypertensive patients with uncontrolled blood pressure were referred to GB Pant Hospital.
4. The diabetic patients with uncontrolled blood sugar were also referred to GB Pant Hospital.

ANNUAL REPORT OF U.H.C. GOKALPURI, DEPARTMENT OF COMMUNITY MEDICINE, MAMC

Following activities are conducted at UHC Gokalpuri:
1. OPD services (ANC, IMMUNIZATION)
2. MCH and family welfare services
3. Implementation of National Health Programmes
4. Research activities
5. Collection and compilation of vital statistics
6. Control of communicable diseases
7. Health education in the community
8. Training of interns, aanganwadi workers and ASHA worker
9. DOTS centers
10. Referral services

Total population (health practice area)
As on June 2019, Gokalpuri (A+B+C+D blocks+ Sanjay colony) = 29455
Males: 15713
Females: 13742
Total no of houses: 3029
Total families:

<table>
<thead>
<tr>
<th>BLOCKS</th>
<th>MALES</th>
<th>FEMALES</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>A BLOCK</td>
<td>2990</td>
<td>2410</td>
<td>5400</td>
</tr>
<tr>
<td>B BLOCK</td>
<td>3079</td>
<td>2471</td>
<td>5550</td>
</tr>
<tr>
<td>C BLOCK</td>
<td>3190</td>
<td>2805</td>
<td>5995</td>
</tr>
<tr>
<td>D BLOCK</td>
<td>3135</td>
<td>2865</td>
<td>6000</td>
</tr>
<tr>
<td>SANJAY COLONY</td>
<td>3319</td>
<td>3191</td>
<td>6510</td>
</tr>
<tr>
<td>TOTAL</td>
<td>15713</td>
<td>13742</td>
<td>29455</td>
</tr>
</tbody>
</table>

Total OPD Cases 640
ANC cases 3710
Immunization=4520
M.C.H. and family welfare services:

<table>
<thead>
<tr>
<th></th>
<th>Gokalpuri</th>
<th>Outsiders</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANC new registration</td>
<td>452</td>
<td>608</td>
<td>1060</td>
</tr>
<tr>
<td>12 weeks</td>
<td>212</td>
<td>291</td>
<td>503</td>
</tr>
<tr>
<td>3 check ups</td>
<td>598</td>
<td>713</td>
<td>1311</td>
</tr>
<tr>
<td>TT/Td 1</td>
<td>667</td>
<td></td>
<td>667</td>
</tr>
<tr>
<td>TT/Td 2</td>
<td>476</td>
<td></td>
<td>476</td>
</tr>
<tr>
<td>TT booster</td>
<td>181</td>
<td></td>
<td>181</td>
</tr>
<tr>
<td>IFA prophylaxis</td>
<td>3655</td>
<td></td>
<td>3655</td>
</tr>
</tbody>
</table>

Deliveries conducted by :

<table>
<thead>
<tr>
<th></th>
<th>Gokalpuri</th>
</tr>
</thead>
<tbody>
<tr>
<td>UHC staff</td>
<td>NIL</td>
</tr>
<tr>
<td>Home delivery</td>
<td>2</td>
</tr>
<tr>
<td>Hospital and nursing home</td>
<td>218</td>
</tr>
<tr>
<td>Grand total</td>
<td>220 live births (119 male, 101 female)</td>
</tr>
</tbody>
</table>

Total eligible couples (service area only) =5665

Immunization services:

<table>
<thead>
<tr>
<th></th>
<th>Gokalpuri</th>
<th>Outsiders</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCG</td>
<td>39</td>
<td>35</td>
<td>74</td>
</tr>
<tr>
<td>OPV 0</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>Rota 1</td>
<td>91</td>
<td>159</td>
<td>250</td>
</tr>
<tr>
<td>Rota 2</td>
<td>41</td>
<td>74</td>
<td>115</td>
</tr>
<tr>
<td>Rota 3</td>
<td>38</td>
<td>71</td>
<td>109</td>
</tr>
<tr>
<td>Penta 1/OPV 1</td>
<td>266</td>
<td>461</td>
<td>727</td>
</tr>
<tr>
<td>Penta 2/OPV 2</td>
<td>267</td>
<td>424</td>
<td>691</td>
</tr>
<tr>
<td>Penta 3/OPV 3</td>
<td>266</td>
<td>416</td>
<td>682</td>
</tr>
<tr>
<td>MR 1*</td>
<td>$66 + 157$</td>
<td>$79 + 308$</td>
<td>610</td>
</tr>
<tr>
<td>MR 2**</td>
<td>$75 + 166$</td>
<td>$96 + 235$</td>
<td>572</td>
</tr>
<tr>
<td>OPV/DPT booster 1</td>
<td>241</td>
<td>331</td>
<td>572</td>
</tr>
<tr>
<td>DPT booster 2</td>
<td>130</td>
<td>273</td>
<td>403</td>
</tr>
<tr>
<td>Td10</td>
<td>41</td>
<td>74</td>
<td>115</td>
</tr>
<tr>
<td>Td16</td>
<td>0</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Vitamin A dose 1</td>
<td>66</td>
<td>69</td>
<td>135</td>
</tr>
<tr>
<td>Vitamin A dose 5</td>
<td>76</td>
<td>94</td>
<td>170</td>
</tr>
</tbody>
</table>

* August onwards
** Measles/MMR only till Mar’2019; MR subsequently

Vital statistics:

Total live births: 220
Males: 119
Females: 101

Home births: 02
Hospital births: 218

Total deaths: 41
Males: 29
Females: 12
Hospital deaths: 32
Home deaths: 9

Health talks given by intern, SR = 23

RNTCP (DOTS)
No of patients screened for TB=732
No of sputum positive cases = 101
No of cases put on DOTS therapy = 86
Referred to other centers = 11
Defaulters = 2
MDR TB = 13

**Aanganwadi services (ICDS):**
Every Tuesday interns visit the aanganwadi under the supervision of senior residents and give health talk to beneficiaries followed by health check up. Aanganwadi workers send the children for routine immunization and PEM children for nutritional advice. Total aanganwadi = 28 (Gokalpuri + Ganga vihar + Sanjay colony)

**Research activities:**
1. Study on the effect of thyroid dysfunction on the birth outcome among pregnant women attending the urban health centre in Delhi. - Dr Navya
2. Primary health care, utilization pattern and quality of public sector facilities in an urban slum and resettlement colony of Delhi. - Dr Madhuri
3. An epidemiological study on the use of smokeless tobacco among adult population in an urban resettlement colony of Delhi. - Dr Varun
4. A study on Urinary tract infections among women attending antenatal clinic in an urban health centre in Delhi. - Dr Divya
5. Effect of mHealth intervention on antenatal care utilization and outcomes among pregnant women attending an urban health centre in Delhi. - Dr Anjali
6. Immunization coverage under Universal Immunization Programme and vaccine hesitancy in an urban resettlement colony of Delhi. - Dr Vijay
7. Epidemiological profile of injuries among geriatric population attending a primary health care facility in an urban resettlement colony of Delhi. - Dr Rahul
8. A community based study on prevalence of Acute Respiratory Tract Infections and associated risk factors among Under five children in a resettlement colony of Delhi. - Dr Arti
9. A study about awareness and utilization of Janani Shishu Suraksha Karyakram provisions among post-natal women in an urban resettlement colony of Delhi. - Dr Dalveer Singh
10. Menstrual hygiene practices among adolescent girls in rural and urban resettlement areas of Delhi. PI: Dr. Suneela Garg, Co-PI: Dr. M. Meghachandra Singh, Dr. Nidhi Bhatnagar
11. Study to assess the knowledge, attitude, practice regarding breast cancer and skill development on self- breast examination among reproductive age group women in Gokalpuri. - Dr. Shivani Rao, Dr. M. Meghachandra Singh, Dr. Nidhi Budh
12. Knowledge regarding Dengue and preparedness for its prevention and control among adults in an urban area of Delhi. - Dr. M. Meghachandra, Dr. Suneela Garg, Dr. Amod Borle, Dr. Palak Goel
13. Breast feeding self-efficacy and relation with postpartum depression in mothers of infants
   - Dr. Suneela Garg, Dr. M. Meghachandra Singh, Dr. Saurav Basu, Dr. Ekta Arora, Dr. Nidhi Budh
14. Adherence to Iron Folic Acid in pregnant women in an urban health center in Delhi, India: a mixed methods study Dr. M. Meghachandra Singh, Dr. Suneela Garg, Dr. Saurav Basu, Dr. Ekta Arora, Dr. Nidhi Budh

**General activities:**
A. Health talks given by interns in community, Aanganwadi center:
   1. Knowledge about dengue and common health problems
   2. Breast feeding practices
   3. Hand washing and hand hygiene, personal hygiene and sanitary hygiene in MCD school
   4. Antibiotic awareness
   5. Prevention and treatment of diarrhea
   6. Infant and young child feeding practices
   7. ANC- common problems and treatment
   8. TB awareness

**Referral services:**
1. All the ANC cases with special reference to primigravida and high risk cases are referred to hospital for institutional deliveries.
2. All motivated cases for sterilization are referred to the hospitals.
3. During the school health checkup children requiring a specialist opinion are referred to the hospitals.
<table>
<thead>
<tr>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANC REGISTERED</td>
<td>224</td>
</tr>
<tr>
<td>INJ T.T I</td>
<td>115</td>
</tr>
<tr>
<td>INJ TT II + BOOSTER</td>
<td>145</td>
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<tr>
<td>TOTAL IRON TABLETS DISTRIBUTED TO ANTE-NATAL MOTHERS</td>
<td>32500</td>
</tr>
<tr>
<td>DELIVERY CONDUCTED BY STAFF</td>
<td>NIL</td>
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<tr>
<td>HOME DELIVERIES</td>
<td>6</td>
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<tr>
<td>INSTITUTIONAL DELIVERIES</td>
<td>86</td>
</tr>
<tr>
<td>TOTAL</td>
<td>92</td>
</tr>
<tr>
<td>TWIN DELIVERIES</td>
<td>2</td>
</tr>
<tr>
<td>LIVE BIRTH</td>
<td>94</td>
</tr>
<tr>
<td>STILL BIRTH</td>
<td>NIL</td>
</tr>
<tr>
<td>ABORTION</td>
<td>2</td>
</tr>
<tr>
<td>INFANT DEATH</td>
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</tr>
<tr>
<td>TODDLER DEATH</td>
<td>NIL</td>
</tr>
<tr>
<td>NO. OPD CASES SEEN</td>
<td>24359</td>
</tr>
<tr>
<td>BCG</td>
<td>9</td>
</tr>
<tr>
<td>DPT I</td>
<td>2</td>
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<tr>
<td>DPT II</td>
<td>1</td>
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<td>151</td>
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<tr>
<td>PENTAVALENT 2</td>
<td>144</td>
</tr>
<tr>
<td>PENTAVALENT 3</td>
<td>166</td>
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<tr>
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<td>150</td>
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<tr>
<td>FRACTIONAL IPV II</td>
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<td>DPT BOOSTER</td>
<td>192</td>
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<tr>
<td>MEASLES</td>
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<tr>
<td>MEASLES RUBELLA(MR)</td>
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</tr>
<tr>
<td>MMR</td>
<td>131</td>
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<tr>
<td>D.P.T (5 Yrs )</td>
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<tr>
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</tr>
<tr>
<td>ROTA VIRUS 1</td>
<td>61</td>
</tr>
<tr>
<td>ROTA VIRUS 2</td>
<td>31</td>
</tr>
<tr>
<td>ROTA VIRUS 3</td>
<td>19</td>
</tr>
<tr>
<td>TOTAL NO. OF VITAMIN A DOSES GIVEN</td>
<td>53</td>
</tr>
<tr>
<td>V</td>
<td>61</td>
</tr>
<tr>
<td>IX</td>
<td>57</td>
</tr>
<tr>
<td>NO. OF INFANT IN EACH CLINIC</td>
<td>12-15</td>
</tr>
<tr>
<td>NO. OF TODDLER IN EACH CLINIC</td>
<td>10-12</td>
</tr>
<tr>
<td>TOTAL NO. OF TARGET COUPLE</td>
<td>1052</td>
</tr>
<tr>
<td>TUBECTOMY</td>
<td>4</td>
</tr>
<tr>
<td>C.C USER</td>
<td>2460</td>
</tr>
<tr>
<td>MALA N</td>
<td>244 CYCLES</td>
</tr>
<tr>
<td>LIVE BIRTH</td>
<td>94</td>
</tr>
<tr>
<td>MATERNAL DEATH</td>
<td>NIL</td>
</tr>
<tr>
<td>HEALTH EDUCATION/ HEALTH PROMOTION ACTIVITIES</td>
<td>42</td>
</tr>
</tbody>
</table>
GENERAL ACTIVITIES:
1. O.P.D. services
2. M.C.H. and family welfare services
3. ANC- Management of common medical problems, referral and follow-up.
4. Health educational and promotional activities done in community by interns on common public health problems and healthy lifestyle habits.
5. Implementation of National Health programmes
6. Research activities
7. Identification and public health measures for outbreak prevention in community
8. DISHA clinic for Adolescents (10-19 yrs) on Saturdays addressing common issues like Growth and Development, Nutrition, Sexual and Reproductive concerns, Mental Health etc in Adolescents.
9. NCD clinic on Fridays for Screening and Management of Common NCDs like Diabetes, Hypertension etc. Increasing health awareness about NCDs and their prevention along with screening of whole population of Barwala village is an important function of this clinic.
10. Screening for Diabetic retinopathy in NCD clinic in collaboration with Dr Shroff Eye hospital

Research activities:
1. Dr Pragya Sharma as guide of post graduate MD Thesis on “Prevalence of malnutrition among adolescents in Delhi and assessment of its impact on their quality of life” by Dr Aanchal. Co-supervised by Dr Bratati Banerjee
2. Dr Rajesh as guide of post graduate MD Thesis on “Feeding practices in children under 2 years of age in a rural area of Delhi.” By Dr Pallavi, co-supervised by Dr Panna Lal & Dr G.S Meena
3. Dr Bratati Banerjee as guide of post graduate MD Thesis on “Effect of nutrition education package on dietary modifications in patients of diabetes and/or Hypertension attending NCD Clinic at Rural Health Training center in Delhi” By Dr Rohit, co-supervised by Dr Panna Lal and Dr Pragya Sharma
4. Dr G.S Meena as guide of post graduate MD Thesis on “Study on quality of life and associated factors among elderly in a rural area of Delhi” By Dr Ankit, co-supervised by Dr Nandini Sharma & Dr Rajesh Kumar

OTHER RELEVANT ACADEMIC INFORMATION WORTH MENTIONING:
1. Celebration of Important Health Days for raising awareness and Education of Community regarding the Concerned Health issues is an ongoing process at RHTC Barwala. World Health Day, World Aids Day, Mental Health Day, World TB Day etc are celebrated on similar lines with Community participation in form of Quiz, Group discussion and Role Plays & Skits.
2. Door to Door Health education campaign for identifying breeding places and imparting information for prevention of vector borne diseases mainly Dengue was done in Barwala Village.
3. Health awareness play/skit – 24, with the help of Interns and Post Graduate students are done as a part of IEC activities.
4. Important public health related topics were covered in health education activities like:
   1) Tobacco Cessation Program
   2) Prevention of non-communicable diseases
   3) Prevention and control of vector borne diseases
   4) New Born Care
   5) Tuberculosis management and stigma
   6) Prevention of HIV/AIDS and stigma related etc.
5. Screening of geriatric population for NCDs like DM Hypertension, Cataract done on Geriatric Day
7. Linkages with MVH, Pooth for referral of high risk cases of ANC & OPD Patients.
8. Four interactive sessions were organized for dietary modifications/ advice of NCD clinic patients mainly DM & HTN in coordination with Dietetics Department, LNH.
9. National TB Day celebration: Role play focusing dietary supplementation and medicine compliance.
10. RHTC is also TMP (Team Movement Point) for Pulse Polio Activities.
**Departmental activities undertaken at Maharishi Valmiki Hospital, PoothKhurd**

**Dr. Ruchira Pangtey (1st January-13th November 2019)**
2. Health talk on Swachh Bharat Abhiyan.
3. Health talk on BMW management, personal hygiene and demonstration of hand hygiene techniques.

**Dr. Kajok Engtipi (13th November 2019 onwards)**
1. Seminar on “Patient safety” by residents posted at Pooth for resident doctors and nursing staff at MVH Pooth.
2. Audit of medical records in MRD department of MVH Pooth done every month.

**Activities by MBBS Interns 2018 Batch during the residential posting at Maharishi Valmiki Hospital, PoothKhurd.**
1. Management of indoor and outdoor patients.
2. Vaccination of pregnant mothers and children as per national immunization schedule.
3. Performed/assisted several major and minor procedures in various medical departments.
4. Training on Biomedical waste Management every month.
5. Assisted several deliveries in labour room.
1. Name of the Head of the Department: Dr. Bijaylaxmi Sahoo

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Name of the Faculty</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Dr. Bijaylaxmi Sahoo</td>
<td>Director Professor and HOD</td>
</tr>
<tr>
<td>2.</td>
<td>Dr. Rashmi Sarkar</td>
<td>Professor</td>
</tr>
<tr>
<td>3.</td>
<td>Dr. Krishna Deb Barman</td>
<td>Professor</td>
</tr>
<tr>
<td>4.</td>
<td>Dr. Vineet Relhan</td>
<td>Assistant Professor</td>
</tr>
</tbody>
</table>

2. Members who have left during the period: N/A
3. New Additions to the Faculty during the period: N/A
4. Research Scheme
   (a) On-going projects:
   • Correlation of serum IL-6, TGF-beta and STAT3 in dermis with the extent of skin fibrosis (Modified Rodnan Skin Score) in patients of systemic sclerosis under Medical Research Unit (MRU), MAMC
   • Detection of Dermatophytes in Patients with Onychomycosis (In Collaboration with Dept. of Microbiology)
   • Role of CBNAAT in Rapid Diagnosis of Cutaneous Tb and Rifampicin Resistance
   • Chlamydia Trachomatis Co-Infection Among Males with Genital Ulcer Disease Attending Std Clinic
   • Evaluation of serum pentraxin 3 level and pentraxin 3 gene polymorphism in Lepromatous leprosy patients
   • Role of Platelet Rich Plasma as an Adjuvant in Treatment of Melasma
   • To Compare Efficacy of Microneedling with 15% TCA Versus Microneedling with 25% Pyruvic Acid in Acne Scar
   • Comparison of Narrowband Ultraviolet B Alone and Narrowband Ultraviolet B in Combination with Microneedling In Patients with Stable Vitiligo
   • Role of cytology in the categorization of primary skin tumors (In Collaboration with Department of Pathology)

   (b) Details of thesis completed during current year:
   • Clinical profile and contact sensitivity pattern in patients with Allergic Contact Dermatitis to cosmetics
   • Comparative efficacy of platelet rich plasma and intralesional triamcinolone in patchy alopecia areata of the scalp
   • A comparative study of Microneedling alone versus along with Platelet Rich Plasma in Acne scars
   • To compare the efficacy of Intraleisional Bleomycin with Intraleisional Triamcinolone acetonide in the treatment of Keloids (Department of Plastic Surgery)

5. Trainees from other agencies:

<table>
<thead>
<tr>
<th>S. No</th>
<th>Name of the trainees</th>
<th>Sponsoring agency</th>
<th>Whether newly joined/promoted</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Medical Officers (HIV and STD)</td>
<td>IGNOU</td>
<td>-</td>
</tr>
<tr>
<td>2.</td>
<td>PGDGM (Geriatric Dermatology)</td>
<td>IGNOU</td>
<td>-</td>
</tr>
</tbody>
</table>

6. Training course/Conferences/Workshops organized:
   Dr. Bijaylaxmi Sahoo conducted:
   • A CME on ‘Cutaneous Tuberculosis- A Mutidisciplinary Approach’ was organized in the department of Dermatology along with the department of Chest TB (LNH) on 28th July 2019, with Dr. Bijaylaxmi Sahoo as the Organizing and Scientific Chairperson.
   • Training for Doctors under the PGDHIVM Fellowship Programme, MAMC.
   • Training for Doctors under the Geriatric Medicine Programme, MAMC.
   • National Board Examinations.

   Dr. K.D Barman organized:
   • Regional STI Reference, Research and Training Centre MAMC, Department of Dermatology organized a CME Program for Post Graduate Medical Students on 18th March 2019.

   Dr. Vineet Relhan organized:
   • GADCON 2019 at Hotel Clarks, Amer, Jaipur from 7-8th, September, 2019
   • ACSICON 2019 at The Leela, Gurugram from 18-20th April 2019
7. Publications during the period:

8. Books/Chapters Contributed:
Dr. Rashmi Sarkar

Dr. Vineet Relhan

9. Conferences/Workshops/Symposiums attended:
Dr. Bijaylaxmi Sahoo
- Invited as faculty to the Mid-Year Cuticon, Delhi State Branch 8th May 2019, New Delhi.
- Organizing and Scientific Chairperson and Panelist at ‘CME on ‘Cutaneous Tuberculosis- A Multidisciplinary Approach’ was organized in the department of Dermatology.
- Invited as faculty (guest speaker) at a National Conference on Contact Dermatitis 1st Sept 2019, held at AIIMS, New Delhi.
- Faculty and panelist at the Sexually Transmitted Diseases National Conference at AIIMS, New Delhi
- Faculty at the Annual Cuticon Delhi State Branch 24th Nov 2019, New Delhi
- Faculty at the First Academic Meeting of the Asian Society of Dermatopathology Conference from November 15-17, 2019.

Dr. Rashmi Sarkar
- Invited as faculty to chair and speak on ‘Common Neonatal Dermatoses’ and Treatment of ‘Melasma and Post Inflammatory’ in Neonatal Dermatology Session and Skin of Color session in 24th World Congress of Dermatology at Milan from 11-15th June 2019.
• Invited to give a plenary talk on ‘Photoprotection in the Dark Skin Patients ’ in ASPCR/ Philippines Dermatology Society Conference from 5-7th November 2019 at Mandaluyong City, Philippines.
• Invited as faculty to give a talk on ‘What's new in the Management of Melasma’ at Emirates Dermatology Society Congress from 22-23rd Nov 2019.
• Delivered the Dr. B. M. Ambady oration on ‘Melasma, a Challenging Journey’ at DERMACON International 2019 in Bengaluru.
• Moderated a session on melasma at the 4th Pigmentarycon , Kolkata from 15-17th November 2019.
• Conducted and directed the Chemical Peels workshop at Aesthetics 2019 from 9-11th August at Indian Habitat Centre, Delhi
• Conducted and directed the Chemical Peels workshop at ACSICON 2019 at the Leela, Gurugram from 18-20th April 2019.
• Delivered the speech IADVL Delhi State Branch oration on Atopic Dermatitis in Children at Annual Cuticon Delhi at Shangri La, New Delhi on 24th Nov 2019.

Dr. K.D Barman
• Scientific Secretary of CME on ‘Cutaneous Tuberculosis- A Mutidisciplinary Approach’ was organized in the department of Dermatology
• Invited as faculty to the CME on Leprosy, organized by IADVL on 30th Jan, 2019 at India habitat Centre, New Delhi.
• Attended the NDPC 2019 organized by IAP North Delhi held at Crowne Plaza, Rohini, New Delhi.
• Attended the Mid-Year Cuticon, Delhi State Branch 8th May 2019, held in New Delhi
• Attended the World Conference of Dermatology 2019 held at Milan, Italy
• Attended the Conference on Contact Dermatitis on 1st Sept 2019 held at AIIMS, New Delhi.
• Attended the Annual Cuticon (Delhi State Branch) held on 24th Nov 2019 in New Delhi

Dr. Vineet Relhan
• Attended the Annual Cuticon (Delhi State Branch) held on 24th Nov 2019 in New Delhi
• Attended the Onychochon 2019 held at Mumbai, on 3rd and 4th November as faculty.

Dr. Bijaylaxmi Sahoo
• Member of the National Academy at Medical Sciences
• Member of the Expert Committee- Tuberculosis

Dr. Rashmi Sarkar
• Awarded the prestigious Dr. B. M. Ambady oration from IADVL at DERMACON International 2019 in Bengaluru.
• Awarded the Dr. Madhusudhan Das oration from Nalanda Medical College, Patna in 2019.
• Awarded the IADVL Delhi State Branch oration on Atopic Dermatitis in Children 2019 at Annual Cuticon Delhi.
• Awarded ‘The Economics Times’ ‘Most Inspiring Dermatologist’ at Doctor’s Day Conclave in June 2019 at hotel Hyatt Regency, New Delhi.
• Became the Chair, International Mentorship Committee, International Society of Dermatology from 2019-21.
• Invited to be an International Editorial Board member of JAAD International.
• Chair, International Laison committee of IADVL for 2019.

Dr. Krishna Deb Barman
• Received the IADVL Milan scholarship award

Dr. Vineet Relhan
• Received the Dr. K.C. Kandhari Award at the Annual Cuticon IADVL Delhi State Branch 2019.
• Received an award as Organizing Secretary ACSICON.

Dr. Bijaylaxmi Sahoo
• Expert for the Academic Committee at National Leprosy Conference
• Expert for the Dermatology Education Task Force, IADVL
• Expert Mentor at CODFI
- Expert for the Core Committee at RNTCP, MAMC
- Expert for PGDHIVM Fellowship
- Member of the Expert Committee- Tuberculosis
- Member of the National Academy at Medical Sciences
- Member of Library Expert Committee, MAMC.
- Invited as an Expert for Recruitment of Professor & Assistant Professor in AIIMS, Delhi
- Member of Selection committee of Senior Resident at LNH and MAMC
- Expert Member of Examination Centre NBE

14. Health Services to the Community: N/A

15. Lab Data:

<table>
<thead>
<tr>
<th>Microscopy</th>
<th>2018-2019</th>
<th>2019-2020</th>
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<tbody>
<tr>
<td>Slit Skin Smear</td>
<td>1332</td>
<td>1410</td>
</tr>
<tr>
<td>Gram’s Stain</td>
<td>3002</td>
<td>3307</td>
</tr>
<tr>
<td>Giemsa</td>
<td>1502</td>
<td>1760</td>
</tr>
<tr>
<td>Skin Scraping</td>
<td>7000</td>
<td>8700</td>
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<tr>
<td>Skin Biopsy</td>
<td>880</td>
<td>1052</td>
</tr>
</tbody>
</table>

16. New Facilities added-
- Patch Testing- A technique to detect the causative allergen in cases of Allergic Contact Dermatitis was started in the Contact Dermatitis Special Clinic and includes 3 series of allergens-
  - Indian Standard Series
  - Cosmetic Series
  - Footwear Series

17. Any other worth mentioning information
- Our 4 special clinics - Connective Tissue Disease Clinic, Vesico-bullous Clinic, Contact Dermatitis clinic and Psoriasis clinic which were started in November 2018 are functioning successfully with specialized diagnostic facilities, and management being offered to the patients and number of patients being catered to has now increased to more than 80-100 per clinic.
- Two PG seats in the department were recognized by MCI in 2019.
- Proposal for AR study for increment of 6 posts of Senior Residents submitted.
- Proposal for AR study for increment of 8 posts of Teaching Faculty submitted
- Dr. Anuva Bansal (Senior Resident) received the MGM Medical College Prize for the best paper presented at DERMACON INTERNATIONAL 2019 during the award papers session
- Dr. Pallavi Hegde received the Second prize in the Award Paper Category in The Annual Cuticon (DSB) in November, 2019.
- Dr. Monalisa and Dr. Pallavi won the second prize in the state level (Delhi) IADVL GSK National PG Quiz 2019-2020.
## ENT

1. **Name of the Head of the Department:** **Dr. Ishwar Singh**

<table>
<thead>
<tr>
<th>S.No</th>
<th>Name of the Faculty</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dr. Ishwar Singh</td>
<td>Director Professor &amp; HOD</td>
</tr>
<tr>
<td>2</td>
<td>Dr. J.C. Passey</td>
<td>Director Professor</td>
</tr>
<tr>
<td>3</td>
<td>Dr. H.C. Taneja</td>
<td>Director Professor</td>
</tr>
<tr>
<td>4</td>
<td>Dr. Ravi Meher</td>
<td>Professor</td>
</tr>
<tr>
<td>5</td>
<td>Dr. Vikas Malthora</td>
<td>Professor</td>
</tr>
<tr>
<td>6</td>
<td>Dr. Shruti Dhingra</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>7</td>
<td>Dr. Anjan Kumar Sahoo</td>
<td>Assistant Professor</td>
</tr>
</tbody>
</table>

2. Members who have left during the period: Dr. P. K. Rathore (Dir. Professor)

3. Additions to the Faculty during the period: Dr. H. C. Taneja (Dir. Professor)

**Dr. Ishwar Singh**
- President Delhi AOI
- Members of P.G. Board in MCI
- P.G. Examiner at AIIMS Delhi, AIIMS Rishikesh, National Board
1. Invited talk Endoscopic Ear Surgery at 14th Asia Oceania ORL HNS Congress 2019 and 71st AOICON, Hyderabad, 9 to 13 Jan 2019.
2. Faculty at DELHI AOICON 2019, 2nd and 3rd March at LHMC, New Delhi.
3. Faculty AIIMS Laryngology UPDATE, 10 to 12 March 2019.
4. Talk on Endoscopic anatomy of Nose in Cadaveric Basic FESS workshop at LHMC, 8th and 9th March 2019.
6. Expert for indigenous cochlear implant by Department science and Technology, Govt of India.
7. Panelist on Facial Nerve disorder at Muzaffarnagar
8. Panelist on Endoscopic DCR at Shroff Hospital on 22 sep 2019
9. Rhinocon 2019, 30 Aug to 1st Sep, Chandigarh. Moderated a Panel
10. Moderatet in Radiology ENT meeting 10 Aug 2019, MAMC,
11. Invited talk at MIDPHONOCON 2019, 19 Oct 2019, at MAMC.
12. CME on FESS, HIMSR, 02 Nov 2019, Panel discussion on AFRS
13. Panelist in Pediatric ENT Problems at BL Kapoor Hospital
14. Chaired a session in International conference on Robotic Surgery

**Dr. J.C. Passey**
1. UPSC expert/J&K Psc/Rohilkhand Medical University Bareilley (U.P), UPPSC, Himachal University
2. Chief coordinator and Examiner of NBE at MAMC in the month of June 2019 and December 2019
3. Faculty at DELHI AOICON 2019, 2nd and 3rd March at LHMC, New Delhi.
5. Invited Faculty at Temporal bone dissection workshop and Ear surgery at Muzaffarnagar- 21 Sep 2019
6. Invited Faculty at Rhinocon 2019, 30 Aug to 1st Sep, Chandigarh.
7. Talks on Endoscopic Ear anatomy on Radiology ENT meeting 10 Aug 2019, MAMC
Dr H. C. Taneja
1. President elect AOI (Delhi Chapter)
2. Examiner AIIMS Rishikesh
3. Involed in NBE academic activity
4. Chaired Scientific session and delivered invited talks at International combined conference of Delta Society of ORL, Cairo, Egypt, January 2019
5. Faculty at DELHI AOICON 2019, 2nd and 3rd March at LHMC, New Delhi.
6. Chaired scientific session and delivered talk as invited faculty in 6th Eurasian Head and Neck Oncology Forum (EASHNO 2019) at Moscow, Russia. July 2019
8. Charing a session on Radiology ENT meeting 10 Aug 2019, MAMC
9. Chairing a session in MIDPHONOCON 2019, 19 Oct 2019, at MAMC
10. CME on FESS, HIMSR, 02 Nov 2019, Panel discussion on AFRS

Dr Ravi Meher
1. Invited talk Endoscopic Ear Surgery at 14th Asia Oceania ORL HNS Congress 2019 and 71st AOICON, Hyderabad, 9 to 13 Jan 2019.
2. Faculty at DELHI AOICON 2019, 2nd and 3rd March at LHMC, New Delhi.
3. Faculty AIIMS Laryngology UPDATE, 10 to 12 March 2019.
4. Talk on Endoscopic anatomy of Nose in Cadaveric Basic FESS workshop at LHMC, 8th and 9th March 2019.
7. Panelist on Endoscopic DCR at Shroff Hospital on 22 sep 2019
8. Invited talk on Endonasal DCR - EXCELLENT- Workshop on FESS, beyond FESS and skull base surgery concept. CME, Le Meridian, 22 Sep 2019
10. Rhinocon 2019, 30 Aug to 1st Sep, Chandigarh. Moderated a Panel discussion on Invasive Aspergillosis and Invited talk on DCR
11. Talk on X rays in ENT -Radiology ENT meeting 10 Aug 2019, MAMC.
13. CME on FESS, HIMS, 02 Nov 2019, Panel discussion on AFRS
   • Secretary Delhi AOI 2019-20
   • Organized DELHI AOICON 2019, 2nd and 3rd March at LHMC
   • DNB examiner for formative assessment at Jaipur Golden Hospital and St Stephens Hospital, Feb and March 20

Publications

Dr Vikas Malhotra
1 Health Information Management System Selection Committee Government of NCT of Delhi October 2018 to present
2 Health Information Management System Core Committee Government of NCT of Delhi August 2019 to present
3 Officer In-charge Information Technology Lok Nayak Hospital, Government of NCT of Delhi March 2017 to present
4 Chairman – IT Revamp Committee Maulana Azad Medical College, Delhi December 2018 to present
5 Officer In-charge ENT Operation Theater Complex Lok Nayak Hospital, Government of NCT of Delhi Till 15.01.2020
6 Faculty, Communication Skills Training Programme for Doctors Maulana Azad Medical College, Delhi 2018, 2019
7 In-charge Foundation Course in IT for MBBS Maulana Azad Medical College, Delhi 2019 Faculty,
8 PG Surgical Skills Workshop Maulana Azad Medical College, Delhi 2018, 2019
9 Courses Committee in ENT Faculty of Medical Sciences, University of Delhi Planning and overseeing the conduct of the MBBS and MS(ENT) examinations of the Medical Colleges affiliated to the Delhi University
10 Geriatric Care Working Group member FICCI (Federation of Indian Chambers of Commerce & Industry) Development of actionable recommendations to improve the overall wellbeing of the ageing population
11 Safe Listening Working Group member FICCI (Federation of Indian Chambers of Commerce & Industry) Development of guidelines to educate the population, especially the younger age-groups, of the risks of exposure to recreational noise
12 Patient Safety Working Group member FICCI (Federation of Indian Chambers of Commerce & Industry) Development of policies for the healthcare industry to enhance patient - safety in the healthcare environment
13 Member - Trauma Audit Filter Trial member Project of TITCO-India (Towards improving trauma care outcomes) Developing and refining institutional policies to improve the survival rates of major trauma victims that are able to reach the hospitals and assessing their impact
14 Member Surgical Safety Checklist group member Lok Nayak Hospital, Delhi The group has developed a detailed Surgical Safety Checklist aimed at reducing surgical errors. It is currently in the initial phases of deployment at the Lok Nayak Hospital Officer

EXAMINER FOR:
1 University of Delhi
2 National Board of Examinations, Delhi
3 King George Medical University, Lucknow
4 Guru Gobind Singh Indraprastha University, Delhi
5 Baba Farid University, Faridkot, Punjab

RESEARCH
1 AS SUPERVISOR
2 Randomised Control Trial for Comparison of Clinical Efficacy of Boric Acid Eardrops Vs Ciprofloxacin Eardrops in Active Mucosal Chronic Otitis Media (Maulana Azad Medical College, Delhi) (2019)
3 Comparison of Efficacy of Pantoprazole with or without Domperidone in the Management of Reflux Disease (Maulana Azad Medical College, Delhi) (2018)
4 AS COSUPERVISOR
5 Prevalence of Sensorineural Hearing Loss in Unilateral Mucosal Type of Chronic Otitis Media (Maulana Azad
8. Predictive Value of Middle Ear Risk Index Score in the Outcome of Tympanomastoidectomy and Tympanoplasty (Maulana Azad Medical College, Delhi) (2018)

**CONFERENCES & WORKSHOPS: as faculty**
1. Delhi AOI Annual Conference 2019
2. ISOCON Kolkata 2019
3. Annual PG Update MAMC 2019
4. Mid-Phonocon MAMC 2019

**Dr Shruti Dhingra**

3. Chairing a session on Radiology ENT meeting 10 Aug 2019, MAMC
   1. Delivered Lecture, chaired session and demonstrated a live surgical workshop on ENT update 2019, 5 to 7 Dec 2019.

**Dr Anjan Kumar Sahoo**

2. Co-Organising Secretary Radiology ENT meeting 10 Aug 2019, MAMC
4. Attend ISOCON 2019 at Kolkata
5. Attend scientific session International conference on Robotic Surgery at Gurgaon
6. Organising Secretary, Delivered Lecture, chaired session and demonstrated a live surgical workshop on ENT update 2019, 5 to 7 Dec 2019.
Name of the Head of Department: Director Professor Anil Kumar Mittal

1. Faculty:

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Name of Faculty</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Dr. S. K. Khanna</td>
<td>Professor of Excellence</td>
</tr>
<tr>
<td>2.</td>
<td>Dr. Anil Aggrawal</td>
<td>Director Professor</td>
</tr>
<tr>
<td>3.</td>
<td>Dr. Anil Kumar Mittal</td>
<td>Director Professor &amp; Head</td>
</tr>
<tr>
<td>4.</td>
<td>Dr. Upender Kishore</td>
<td>Professor</td>
</tr>
<tr>
<td>5.</td>
<td>Dr. Sreenivas M.</td>
<td>Professor</td>
</tr>
<tr>
<td>6.</td>
<td>Dr. Aman Deep Kaur</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>7.</td>
<td>Dr. Monisha Pradhan</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>8.</td>
<td>Dr. Dhiraj Buchade</td>
<td>Associate Professor</td>
</tr>
</tbody>
</table>

2. Members who have left during the period: None

3. Addition to the faculty during this period: Dr. Upender Kishore

4. Research Scheme

(a) on going project

1. Radiological Study of Appearance and Fusion of Ossification centers Around the Elbow and Wrist joint in the Age Group of 11 to 19 years. Dr. Sunita Das. Supervisor: Dr. Anil Kumar Mittal, Co supervisor: Dr Gaurav Pradhan and Dr Dhiraj Buchade.

2. Age Related Changes in the Medial End of Clavicle Using Multidetector CT Scan with 3 D Reconstruction. Dr. Akash Chaudadhary. Supervisor: Dr. Anil Aggrawal, Co Supervisor: Dr. Satbir Singh and Dr. Monisha Pradhan.


5. Immunohistochemistry and Histopathological Study of Wound Vitality in Ligature Neck Compression. Dr. Rupesh Chandra. Supervisor: Dr. S K Khanna. Co-supervisor: Dr. Monisha Pradhan, Dr. Shramana Mandal.

6. Estimation of Age in the Living by Using Kvaal’s Dental Method-A radiological Study. Dr. Sarita Sharma. Supervisor: Dr. Anil Aggrawal, Co-Supervisor: Dr. Sigrid I. Kvaal, Dr. Dhiraj D Buchade.

(b) details of the thesis completed during the period:

1. Research Project titled ‘Evaluation of Diagnostic Significance of Postmortem Serum Tryptase and IgE levels for Anaphylactic deaths and its Correlation with Routine Parameters:An Autopsy Based Pilot Study’. Principal Investigator: Dr. Monisha Pradhan, Co-Investigators: Dr B C Koner and Dr. S K Khanna was completed and submitted in 2019.

5. Trainees from other agencies:

1. Training of Postgraduate students from the Department of Pathology, Maulana Azad Medical College, New Delhi from 18th November to 7th December, 2019.

6. Training course/conference/workshops organized:

   a. “Medicolegal Training Program for Medical Officers and Resident Doctors” was organized in the Dept. of Forensic Medicine on 15.05.2019.

   b. 17th National Conference of Indian Association of Forensic Odontology, MAIDS, 21st-22nd September 2019 was organized by MAIDS in association with the Dept. of Forensic Medicine.

7. Publications during the period


2. Dr. Amandeep Kaur, Dr. Monisha Pradhan. Pattern of Suicidal Burn Deaths Brought To The Mortuary of Lok Nayak Hospital, New Delhi-a Five Year Study. J Punjab Acad Forensic Med Toxicol 2019;19(2).


4. Dr. Monisha Pradhan, Dr. Amandeep Kaur. A 5 Year Study of Deaths Following Administration of Medically...


9. Conferences/Workshops/Symposiums attended

1. “Forensic Medicon-2019”, 40th Annual Conference of Indian Academy of Forensic Medicine at Jodhpur, Rajasthan held on 31st Jan 2019 to 2nd Feb. 2019 was attended by Dr. Anil Kumar Mittal, Dr. Dhiraj Buchade, Dr. Rohit Bharti (SR), Dr. Alok Kumar Maurya (JR), Dr. Akash Chaudhary (JR).

2. International Conference of National Association of Medical Examiners 2019 Annual Meeting October 18-22, 2019 in Kansas City, Missouri, USA was attended by Dr. Monisha Pradhan.

3. “International Summit on Humanitarian Forensics” organized by the International Centre for Humanitarian Forensics (ICHF), from 5-7 September 2019 held at Gujarat Forensic Sciences University (GFSU), Gandhinagar, Gujarat was attended by Dr. Anil Kumar Mittal.

4. 13th Annual National Conference of Indian Society of Toxicology, TOXOCON-13, Amrita Institute of Medical Sciences, Cochin, Kerala 20-22 Dec, 2019 was attended by Dr. Aman Deep Kaur and Dr. Monisha Pradhan.

5. Forensic Update III Hands on Workshop on DNA Sampling and Evidence in Forensic Medicine, AIIMS Bhopal, 23rd to 24th February 2019 was attended by Dr. Aman Deep Kaur, Dr. Abhishek Thakur (JR), Dr. Alok Kumar Maurya (JR), Dr. Vikas Arora (JR).

6. 17th Annual Conference of the Punjab Academy of Forensic Medicine & Toxicology on 12th Oct 2019 was attended by Dr. S K Khanna, Dr. Upender Kishore, Dr. Sreenivas M, Dr. Rohit Bharti (SR), Dr. Vikas (JR), Dr. Akash (JR).

7. Symposium organized by AIIMS Delhi on “Role of Forensic DNA Technology in Expediting Justice and Fighting Crime”, held at India International Centre on 17th of July, 2019, was attended by Dr. Upender Kishore, Dr. Sreenivas M, Dr. Aman Deep Kaur, Dr. Monisha Pradhan, Dr. Dhiraj Buchade, Dr. Sunita Das, Dr Akash Chaudhary, Dr. Rupesh Chandra, Dr. Sarita Sharma (JR).

8. “Workshop on Prevention of Sexual Harassment of Women at Work Place” held on 29/07/2019 to 31/07/2019 at Institute of Secretariat Training and Management. Ministry of Personnel, Public Grievances & Pensions, DoPT Govt of India was attended by Dr. Dhiraj Buchade.

9. Forensic DNACON-2019 & Clinical Forensic Medicine Update 29th to 31st August 2019, SRMS IMS, Barielly was attended by Dr. Sunita Das (JR), Dr. Akash Chaudhary (JR).

10. Dr. Monisha Pradhan presented a paper titled “Faith or Delusion: Death Investigation of a Bizarre Mass Hanging- A Case Report and Review of Literature” at the National Association of Medical Examiners 2019 Annual Meeting October 18-22, 2019 in Kansas City, Missouri, USA.

11. Dr. Monisha Pradhan presented a poster titled “Postmortem Serum Levels of Beta Tryptase and Total IgE in Non Anaphylactic Deaths” at the National Association of Medical Examiners 2019 Annual Meeting October 18-22, 2019 in Kansas City, Missouri, USA.

12. “Pravara Forensicon-2019”-XXII Annual State Conference of Medicolegal Association of Maharashtra (MLAM) held on at Rural Medical College Loni Maharashtra, from 12/10/2019 to 13/10/2019 was attended by Dr. Dhiraj Buchade.

13. Delivered a guest lecture on topic “Medical Certification of Cause of Death Certificate (MCCD)” in “CME on Legal Aspects of Medical Practice” held on 11/10/2019 at Dr Vithalrao Vikhe Patil Foundation’s Medical College & Hospital, Ahmednagar Maharashtra.

14. Dr. Jitender Kumar, Senior Resident, presented a paper titled “Violence against doctors: ethical and legal remedy last hope” at conference organized by Legal Desire at Delhi in the month of Feb 2019.

15. 17th National Conference of Indian Association of Forensic Odontology, MAIDS, 21st-22nd September 2019 was attended by Dr. Jitender.

16. Dr. Jitender Kumar, Senior Resident attended a workshop on topic “Age Estimation Project” by Dr. Camerier.

17. Dr. Sunita Das presented a paper titled Improvised Firearms and Ammunitions-an Emerging Challenge for Autopsy Surgeons” at Forensic DNACON-2019 & Clinical Forensic Medicine Update 29th to 31st August 2019, SRMS IMS, Barielly.

18. Dr. Akash Chaudhary presented a paper titled “Identifying Macro and Micro Pathology- To Establish Fat Embolism Syndrome” at the 40th Annual Conference of Indian Academy of Forensic Medicine at Jodhpur, Rajasthan held on 31st Jan 2019 to 2nd Feb. 2019
20. Dr. Alok Kumar Maurya presented a paper titled “Diagnosis of Myocardial Infarction in Decomposed Bodies” at “40th Annual Conference of Indian Academy of Forensic Medicine at Jodhpur, Rajasthan held on 31st Jan 2019 to 2nd Feb. 2019.
21. Dr. Vikas Arora (JR) presented a paper titled “Case Presentation-Unusual Foreign Body in Stomach” at the 17th Annual Conference of the Punjab Academy of Forensic Medicine & Toxicology on 12th Oct 2019.
22. Dr. Rupesh Chandra presented a poster titled “Practical Approach In Road Traffic Accident Cases” at the 17th Annual Conference of the Punjab Academy of Forensic Medicine & Toxicology on 12th Oct 2019.

10. Significant Events (Honors to Faculty):
1. Dr. S K Khanna, Dr. Sreenivas M, Dr. Upender Kishore chaired scientific sessions at the 17th Annual Conference of the Punjab Academy of Forensic Medicine & Toxicology on 12th Oct 2019
2. Dr. Monisha Pradhan was awarded travel grant by UGC for attending International Conference “National Association of Medical Examiners 2019” held on October 18-22, 2019 in Kansas City, Missouri, USA
4. Dr. Amandeep Kaur and Dr. Monisha Pradhan chaired scientific sessions on General Toxicology in the 13th Annual National Conference of The Indian Society of Toxicology, Cochin, Kerala, held from 20th -21st December 2019.
5. Dr. Dhiraj D Buchade delivered a guest lecture on topic “Medical Certification of Cause of Death Certificate (MCCD)” in “CME on Legal Aspects of Medical Practice” held on 11/10/2019 at Dr Vithalrao Vikhe Patil Foundation’s Medical College & Hospital, Ahmednagar Maharashtra.

12. Representation on expert Committee/Bodies
1. Dr S K Khanna is the First Appellate Authority of Maulana Azad Medical College under RTI Act 2005.
2. Dr Anil Kumar Mittal was appointed as external expert member in the selection committee for selection for the post of Assistant Professor (Forensic Medicine) in teaching sub-cadre on contract basis at VMMC & SJH on 28th March 2019.
3. Dr Anil Kumar Mittal was appointed as Internal examiner for MD (Forensic Medicine) examination, Delhi University held at UCMS on 22-23 Apr 2019.
4. Dr Anil Kumar Mittal was appointed as external examiner for MD (Forensic Medicine) examination held at PGI, Chandigarh on 1-2 May 2019.
5. Dr. Anil Kumar Mittal was appointed as external examiner for 2nd MBBS examination (Forensic Medicine) held at Govt. Medical College & Hospital, Chandigarh on 9 to 11 Dec. 2019.
6. Dr. Anil Aggrawal and Dr. Anil Kumar Mittal have been regularly appointed as an advisory to the NHRC to give opinion.
7. Dr. Anil Kumar Mittal continues to be a Council Member of Delhi Medical Council.
8. Dr. Sreenivas M continues as Warden of OBH; Dr. Aman Deep Kaur continues as Assistant Warden of NGH; Dr. Dhiraj continues as Warden of LNRDH, PG Mens Hostel and ORDH; Dr. Monisha Pradhan continues as Warden of PG Womens Hostel.

13. Lab Data:

<table>
<thead>
<tr>
<th>Name of Lab</th>
<th>Mortuary</th>
<th>Clinical Forensic Medicine</th>
<th>Histopathology Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name and number of tests performed</td>
<td>Postmortem examination: 1011</td>
<td>MLC (Referrals): 58 cases</td>
<td>595 Blocks 860 slides</td>
</tr>
<tr>
<td>Percentage of growth from last year</td>
<td>0%</td>
<td>0%</td>
<td>0 %</td>
</tr>
</tbody>
</table>
**Name of the Department**: Department of Medical Education

### 1. Faculty

<table>
<thead>
<tr>
<th></th>
<th>Name of Faculty</th>
<th>Designation</th>
<th>Whether newly joined / promotion</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dr. Sushil Kumar</td>
<td>Director, Department of Medical Education and Dean, MAMC.</td>
<td>Joined w.e.f. 18.10.19 on promotion</td>
</tr>
<tr>
<td>2</td>
<td>Dr. Devender Kumar</td>
<td>Professor of Obstetrics &amp; Gynaecology, and H.O.D.-Dept of Medical Education</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Dr Neelam Vasudeva</td>
<td>Director-Professor of Anatomy</td>
<td></td>
</tr>
<tr>
<td>b.</td>
<td>Dr M K Daga</td>
<td>Director-Professor of Medicine</td>
<td></td>
</tr>
<tr>
<td>c.</td>
<td>Dr Nita Khurana</td>
<td>Director-Professor &amp; Head of Pathology</td>
<td></td>
</tr>
<tr>
<td>d.</td>
<td>Dr Aarti Sood Mahajan</td>
<td>Director-Professor of Physiology</td>
<td></td>
</tr>
<tr>
<td>e.</td>
<td>Dr Bidhan Chandra Koner</td>
<td>Director-Professor of Biochemistry</td>
<td></td>
</tr>
<tr>
<td>f.</td>
<td>Dr Poonam Loomba</td>
<td>Director-Professor of Microbiology, GIPMER</td>
<td></td>
</tr>
<tr>
<td>g.</td>
<td>Dr Devendra Mishra</td>
<td>Professor of Paediatrics</td>
<td></td>
</tr>
<tr>
<td>h.</td>
<td>Dr Sreenivas M.</td>
<td>Professor of Forensic Medicine</td>
<td></td>
</tr>
<tr>
<td>i.</td>
<td>Dr Kirti Singh</td>
<td>Director-Professor of Ophthalmology, GNEC</td>
<td></td>
</tr>
<tr>
<td>j.</td>
<td>Dr Ravi Meher</td>
<td>Professor of ENT</td>
<td></td>
</tr>
<tr>
<td>k.</td>
<td>Dr Dinesh Kumar</td>
<td>Professor of Anatomy</td>
<td></td>
</tr>
<tr>
<td>l.</td>
<td>Dr. Bineeta Goswami</td>
<td>Professor of Biochemistry</td>
<td></td>
</tr>
<tr>
<td>m.</td>
<td>Dr Aashima Dabas</td>
<td>Assistant Professor of Paediatrics</td>
<td>Enrolled as faculty member of the Deptt of Medical Education w.e.f. 11-2-19</td>
</tr>
<tr>
<td>n.</td>
<td>Dr Harpreet Singh</td>
<td>Assistant Professor of Medicine</td>
<td></td>
</tr>
<tr>
<td>o.</td>
<td>Dr Rahul Jain</td>
<td>Assistant Professor of Paediatrics</td>
<td></td>
</tr>
<tr>
<td>p.</td>
<td>Dr. Praveen Bharti</td>
<td>Assistant Professor of Medicine</td>
<td></td>
</tr>
</tbody>
</table>

### 2. Members who have left during the period:

<table>
<thead>
<tr>
<th></th>
<th>Name of Faculty</th>
<th>Designation</th>
<th>Reason for leaving the job</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dr. Sanjay Tyagi</td>
<td>Director-Dept of Medical Education and Dean, MAMC</td>
<td>Promoted as DGHS Govt of India</td>
</tr>
</tbody>
</table>

### 3. Additions to the faculty:

<table>
<thead>
<tr>
<th></th>
<th>Name of Faculty</th>
<th>Designation</th>
<th>Whether newly joined / promotion</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dr Sushil Kumar</td>
<td>Director- Department of Medical Education and Dean, MAMC</td>
<td>Joined w.e.f. 18.10.19 on promotion</td>
</tr>
<tr>
<td>2</td>
<td>Dr Aashima Dabas</td>
<td>Assistant Professor of Paediatrics</td>
<td>Enrolled as faculty member of the Deptt of Medical Education w.e.f. 11-2-19</td>
</tr>
<tr>
<td>3</td>
<td>Dr Harpreet Singh</td>
<td>Assistant Professor of Medicine</td>
<td>-do-</td>
</tr>
<tr>
<td>4</td>
<td>Dr Rahul Jain</td>
<td>Assistant Professor of Paediatrics</td>
<td>-do-</td>
</tr>
<tr>
<td>5</td>
<td>Dr. Praveen Bharti</td>
<td>Assistant Professor of Medicine</td>
<td>-do-</td>
</tr>
</tbody>
</table>
4. Training courses organized:

A. Three Mini-workshops (51st, 52nd and 53rd) in “Medical Education Technologies” for Senior Residents of MAMC and other govt. Hospitals of Delhi, were conducted from 13 - 15 March, 2019, 16-18 October, 2019 and 30 October to 01 November, 2019, respectively.

B. P.G. Orientation Training Programme for 1st Year Post Graduate students (Batch-2019) was organized by the department on 12.07.2019.
P.G. Research Methods Course / Workshop for 1st Year Post Graduate students (Batch-2019) was organized by the department on 06 July, 2019.
The Medical Council of India has identified the Department of Medical Education, Maulana Azad Medical College as a Regional Centre for conducting Faculty Development Programme / Revised Basic Course Workshops in Medical Education Technologies and 30 Medical Colleges has been allocated to this Regional centre. In this connection, following MCI Basic Course for Medical Teachers of various Medical Colleges of Delhi, UP and Haryana were organized.

MCI Workshops conducted by the MCI Regional Centre, Department of Medical Education, Maulana Azad Medical College, during, 2019:

Four revised Basic Course Workshops for the faculty members of various Medical Colleges attached to this department were conducted from 13 - 15 February, 2019, 27, 29 & 30 July, 2019, 27-29 August, 2019 and 03-05 December, 2019.

Four AETCOM sensitization workshops for the faculty members of various Medical Colleges attached to this department were conducted on 16-February, 2019, 31-July-2019, 30-August-2019 and 06-December-2019.

The revised Competency based Undergraduate curriculum has been implemented w.e.f., August, 2019, by MCI and this department has been assigned the responsibility to train faculty of 30 constituent Medical Colleges (including MAMC), in implementation strategy of the new curriculum. Therefore, Department of Medical Education, MAMC, has conducted following Curriculum Implementation and Support Program (CISP) workshops for Faculty members of 30 constituent Medical Colleges of India (including MAMC), on behalf of MCI at MAMC.

Five CISP workshops for faculty / Curriculum Committee members of constituent medical colleges were conducted from 05-07 March, 2019, 18-20 March, 2019, 27-29 March, 2019, 03-05 April, 2019, 23-25 April, 2019
One CISP/CDI workshop was conducted exclusively for in-house faculty of MAMC and associated hospitals from 25-27 September, 2019
A Training session for Junior Faculty and Senior Residents involved in implementation of AETCOM for MBBS Batch-2019, of the departments of Anatomy, Physiology & Biochemistry, was organized on 02-12-2019.

MCI Curriculum Implementation Support Programme (CISP) workshops conducted at constituent medical colleges under observership / supervision of MCI Regional Centre, MAMC during the year, 2019:

<table>
<thead>
<tr>
<th>S.N</th>
<th>Name of Medical College</th>
<th>Duration of workshop</th>
<th>Observer deputed from the Deptt. To supervise the conduct of workshop</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Pt B D Sharma, PGIMS, Rohtak,</td>
<td>25-27 April, 2019</td>
<td>Dr Sreenivas</td>
</tr>
<tr>
<td>2.</td>
<td>Dr. Baba Saheb Ambedkar Medical College, Rohini, Sector-6, Delhi,</td>
<td>29.04.19 to 01.05.19</td>
<td>Dr Dinesh Kumar</td>
</tr>
<tr>
<td>3.</td>
<td>Hamdard Institute of Medical Sciences and Research, Jamia Hamdard, New Delhi,</td>
<td>01-03 May, 2019</td>
<td>Dr D Mishra</td>
</tr>
<tr>
<td>4.</td>
<td>Bhagat Phool Singh Government Medical College for Women, Sonepat,</td>
<td>01-03 May, 2019</td>
<td>Dr Devender Kumar</td>
</tr>
<tr>
<td>5.</td>
<td>Army College of Medical Sciences, Delhi Cantt, Delhi.</td>
<td>01-03 May, 2019</td>
<td>Dr Poonam Loomba</td>
</tr>
<tr>
<td>6.</td>
<td>Lady Hardinge Medical College, Shaheed Bhagat Singh Marg, New Delhi 110001</td>
<td>29-April-01 May, 2019</td>
<td>Dr Sreenivas</td>
</tr>
<tr>
<td>S.N.</td>
<td>Name of Medical College</td>
<td>Duration of workshop</td>
<td>Observer deputed from the Deptt. To supervise the conduct of workshop</td>
</tr>
<tr>
<td>------</td>
<td>--------------------------</td>
<td>----------------------</td>
<td>---------------------------------------------------------------------</td>
</tr>
<tr>
<td>1</td>
<td>Baba Saheb Ambedkar Medical College &amp; Hospital, Rohini</td>
<td>10-12 June, 2019</td>
<td>Dr Niket Verma</td>
</tr>
<tr>
<td>2</td>
<td>K D Medical College, Mathura</td>
<td>18-21 July, 2019</td>
<td>Dr Sreenivas</td>
</tr>
<tr>
<td>3</td>
<td>SN Medical College, Agra</td>
<td>08-11 July, 2019</td>
<td>Dr Devender Kumar</td>
</tr>
<tr>
<td>4</td>
<td>University College of Medical Sciences &amp; GTB Hospital, Delhi</td>
<td>17-20 July, 2019</td>
<td>Dr Sumita Sethi</td>
</tr>
<tr>
<td>5</td>
<td>VMMC &amp; Safdarjang Hospital, New Delhi</td>
<td>17-20 July, 2019</td>
<td>Dr Niket Verma</td>
</tr>
<tr>
<td>6</td>
<td>G S Medical College, Pilkhuwa, Hapur</td>
<td>22-25 July, 2019</td>
<td>Dr Sreenivas</td>
</tr>
<tr>
<td>7</td>
<td>Santosh Medical College, Ghaziabad</td>
<td>23-26 July, 2019</td>
<td>Dr Poonam</td>
</tr>
<tr>
<td>8</td>
<td>Mahajara Agrasen Medical College, Agroha-125047 (Hisar)</td>
<td>11-14 August, 2019</td>
<td>Dr Sreenivas</td>
</tr>
<tr>
<td>9</td>
<td>Pt B D Sharma, PGIMS, Rohtak,</td>
<td>23-26 Sep, 2019</td>
<td>Dr Sreenivas</td>
</tr>
<tr>
<td>10</td>
<td>BHAGAT Phool Singh Government Medical College for Women, Sonepat,</td>
<td>09-12 October, 2019</td>
<td>Dr Himanshu Madan</td>
</tr>
<tr>
<td>11</td>
<td>Adesh Medical College, Mohri Shahabad (Haryana)</td>
<td>09-12 October, 2019</td>
<td>Dr Musharraf</td>
</tr>
<tr>
<td>12</td>
<td>Hamdard Institute of Medical Sciences and Research, Jamia Hamdard, New Delhi,</td>
<td>14-17, October, 2019</td>
<td>Dr Niket Verma</td>
</tr>
<tr>
<td>13</td>
<td>Kalpana Chawla Govt Medical College, Karnal,</td>
<td>13-16 November, 2019</td>
<td>Dr Devender Kumar</td>
</tr>
<tr>
<td>14</td>
<td>North DMC Medical College &amp; Hindu Rao Hospital</td>
<td>18-21 November, 2019</td>
<td>Dr Poonam</td>
</tr>
</tbody>
</table>
6. Other relevant academic information:

Computer & A-V Section:
Teaching-Learning Resource Materials have been prepared for the workshops, organized by the Deptt as mentioned in the column No.5
The Conference room with LCD projection and A-V facilities has been provided to the following departments for conducting their workshops in addition to the workshops organized by the Deptt as mentioned in the column No.5
Pathology Deptt (Dr Reena Tomar) - for organizing VIHASA workshop on 30-March-2019
Delhi Society for Promotion of Rational Use of Drugs (DSPRUD) - for conducting Certificate Course in Infection Prevention and Control in Health Care Settings; Essentials for Infection Control Nurses from 08 to 12, July, 2019.
Community Medicine Deptt - for conducting WHO workshop on “Health promotion for hearing care in Schools for South East Asian Region” from 08-09 November, 2019
Paediatrics Deptt (Dr D Mishra) - for conducting their 01 day Paper Writing Workshop on 14 Nov, 2019.
Gynnae Deptt (Dr Madhavi) - for conducting their 01 day Quality Improvement in Obs & Gynae Workshop (in collaboration of WHO Centre, AIIMS) on 16 Nov, 2019.
Paediatrics Deptt (Dr Mukta Mantan) - for conducting their 01 day Annual Meeting of the Pediatric Research and Education Society of India on 22 Nov, 2019.
Dr Amod Borle, Assistant Professor Community Medicine Deptt - for conducting a hands-on training workshop on “Literature Search using PUBMED and reference management using Mendley Citation manager” on 9 and 10 December, 2019.
**MEDICINE**

Name of the Head of Deptt.: **Dr. R.S. Ahlawat**  **Director Professor & Head**

<table>
<thead>
<tr>
<th>Sl No.</th>
<th>Name of Faculty</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dr.R.S.Ahlawat</td>
<td>Director Professor&amp; Head</td>
</tr>
<tr>
<td>2</td>
<td>Dr.D.P.Bhadoria</td>
<td>Director Professor</td>
</tr>
<tr>
<td>3</td>
<td>Dr.M.K.Daga</td>
<td>Director Professor</td>
</tr>
<tr>
<td>4</td>
<td>Dr.Suresh Kumar</td>
<td>Director Professor</td>
</tr>
<tr>
<td>5</td>
<td>Dr.S.Anuradha</td>
<td>Director Professor</td>
</tr>
<tr>
<td>6</td>
<td>Dr.Sandeep Garg</td>
<td>Professor</td>
</tr>
<tr>
<td>7</td>
<td>Dr. Sunita Agarwal</td>
<td>Professor</td>
</tr>
<tr>
<td>8</td>
<td>Dr.Naresh Kumar</td>
<td>Professor</td>
</tr>
<tr>
<td>9</td>
<td>Dr.Sanjay Pandit</td>
<td>Professor</td>
</tr>
<tr>
<td>10</td>
<td>Dr. Sumit Singla</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>11</td>
<td>Dr. Pradip Kumar</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>12</td>
<td>Dr. Harpreet Singh</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>13</td>
<td>Dr. Praveen Bharti</td>
<td>Assistant Professor</td>
</tr>
</tbody>
</table>

- **Member who have left during the period:** Dr. Naresh Gupta

4. Research Scheme:

(a) Ongoing Project

**Dr. M.K. Daga**

(a) Ongoing Project

- Atmospheric Pollutants & Risk Assessment due to Exposure on Public Health in Delhi, NCR/Studies on Impact of BSVI and Ethanol Blending on Human Health Index. collaboration with Indian Oil and National Council Of Applied Economic Research. (December 2018)

- Cohort Study (5 Years) "HEALTH IMPACT OF FIRECRACKERS BURSTING DURING DIWALI IN NATIONAL CAPITAL OF DELHI" (2019 TO 2023)

(b) Details of thesis completed during current year.

- **Effect of Supplementation of Vitamin C and Thiamine on the outcome of Sepsis.** *(Completed)*
  (Dr. Gayathri Ranie A P)

- **Clinicobacteriological Profile of Hospital Acquired Infections.** *(Completed)*
  (Dr. Saman Wasi)

**Dr. Suresh Kumar**

A) On going project: Study of saroglitazar in Alcoholic Hepatitis. (Principal Investigator)

B) Details of thesis completed during current year.

- Study of NASH by fibroscan and its correlation with pathological finding
  (Dr. SaoodMalik)
- To study Metabolic Profile in patients with Hep. C before and after treatment with DAA (Dr. Nirupama)

**Dr. Sunita Aggarwal**

(a) **Ongoing Project**

Principle investigator in international trials -“

- International Registry to assess medical Practice with longitudinal observation for Treatment of Heart Failure (REPORT-HF)
A Randomized, Double-Blind, Parallel Group Study to Evaluate the Efficacy and Safety of Alirocumab (SAR236553/REGN727) Versus Ezetimibe in Asia in High Cardiovascular Risk Patients with Hypercholesterolemia Not Adequately Controlled With Their Statin Therapy

(b) **Thesis As supervisor**
- Assessment of serum holotranscobalamin levels as an early biomarker in people prone to megaloblastic anemia
- Study on association of plasma retinol levels in patients of iron deficiency anaemia
- Study on Low dose prophylaxis in Haemophilia A
- Study on Low dose prophylaxis in Haemophilia B

**Dr. Sandeep Garg**

**Ongoing project**
- As Principal investigator
  - Effect of semaglutide once-weekly versus insulin Aspart three times daily, both as add on to metformin and optimized insulin glargine (U100) in subjects with type 2 diabetes (SUSTAIN 11)
  - Study Title: A Randomized, Double-blind, Placebo-controlled, Parallel-group, Multicenter Study to Demonstrate the Effects of Sotagliflozin on Cardiovascular and Renal Events in Patients with Type 2 Diabetes, Cardiovascular Risk Factors and Moderately Impaired Renal Function (SCORED)

- As Co-investigator
  - As Co investigator in A phase III randomized, double-blind trial to evaluate efficacy and safety of once daily empagliflozin 10 mg compared to placebo, in patients with chronic Heart Failure with reduced Ejection Fraction (HFREF)
  - A Randomized, Double-Blind, Placebo-Controlled Study to assess the effects of bempedoic acid (ETC-1002) on the occurrence of major cardiovascular events in patients with, or at high risk for cardiovascular disease who are statin intolerant. (CLEAR)

**THESIS Ongoing**
- As Supervisor
  - Evaluation of Epicardial fat thickness in patients of Hypothyroidism
  - Prevalence of Andropause in diabetics patients aged less than 50 years
  - Study on markers of bone mineral metabolism in thyroid disorder
  - Evaluation of Epicardial adipose tissue in patients with type II diabetes

- As Co-Supervisor
  - Role of very low dose factor VIII prophylaxis in Severe Hemophilia A patients
  - Role of very low dose factor VIII prophylaxis in Severe Hemophilia B patients
  - Effect of supplementation of of albumin patients of sepsis with hypoalbuminemia.
  - Prevalence of prediabetes and diabetes among first degree relatives of type-2 diabetes patients.
  - Cardiovascular manifestations in patients with thyroid disease.
  - Sustained virological response and clinical profile of patients with chronic hepatitis C related compensated cirrhosis.
  - Efficacy and safety of vildagliptin and remogliflozin as add-on therapy to metformin in patients of type II diabetes patients.

**Details of thesis completed during the current year**
- As Co-Supervisor
  - Assessment of quality of life in severe hemophilia using generic and hemophilia specific instruments
  - Study of insulin resistance and metabolic syndrome in chronic Hepatitis C before and after treatment
  - Study of plasma retinol levels in patients with iron deficiency anemia
  - Real time ultrasonographic evaluation of the Achilles tendon and plantar fascia in patients with diabetes
Dr. Sumeet Singla


- **Trainees from other agencies**

Dr. M.K. Daga

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Name of Trainees</th>
<th>Sponsoring Agency</th>
<th>Period of Training</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>PGDGM, trainees for Diploma in Geriatric Medicine</td>
<td>IGNOU</td>
<td>06 Months</td>
</tr>
</tbody>
</table>

6. **Training course/Conferences/Workshops organized.**

Dr. R.S. Ahlawat: Medicine Update 2019-20 conducted.

Dr. Suresh Kumar

A Symposium on Hepatitis Vaccination Program in Delhi for Health Care Workers organized in ABCON Auditorium in March, 2019 with Dr. Sanjay Tyagi, Dean, MAMC as in the Chair/or as Convener

Dr. M.K. Daga

Publications during the period:

- Jean-Louis Vincent, MD; Bruno Francois, MD; Igor Zabolotskikh, MD; PhD; Mradul Kumar Daga, MD; Jean-Baptiste Lascarrou, MD; Mikhail Y. Kirov, MD; Ville Pettila, MD; Xavier Wittebole, MD; Ferhat Meziani, MD, PhD; Emmanuel Mercier, MD; Suzana M. Lobo, MD, PhD; Philip S. Barie, MD, MBA; Mark Crowther, MD; Charles T. Esmon, PhD; Jawed Fareed, PhD; Satoshi Gando, MD, PhD; Kenneth J. Gorelick, MD, PhD; Marcel Levi, MD, PhD; Jean-Paul Mira, MD, PhD; StevenM. Opal, MD; Joseph Parrillo, MD, PhD; James A. Russell, MD; Hidehiko Saito, MD, PhD; Kazuhiisa Tsuruta, PhD; Takumi Sakai; David Fineberg, MD; for the SCARLET Trial Group. Effect of a Recombinant Human Soluble Thrombomodulin on Mortality in Patients With Sepsis-Associated Coagulopathy The SCARLET Randomized Clinical Trial. JAMA May 28, 2019 Volume 321, Number 20
Dr. Sunita Aggarwal
Papers
- Chapter in APICON 2019- Asymptomatic elevations of transaminases -API textbook 2019
- Chapter HIV/AIDS in ICP monograph emerging and re-emerging infectious disease ;108-118
- Sandeep Garg, Pinkesh Parmar, Sunita aggarwal. Chapter in ICP monograph of HT- Endocrine HT- ICP monograph of Practical Pearls in Hypertension ; 80-87
- Oral presentation in APICON 2019
  1. Probing the plausible role of deranged thrombophilic Markers in Young patients of MI
  2. Urgent need to understand the Corelation between Young Ischaemic Stroke patients, and deranged Thrombophilic Profiles
  3. Leptospirosis Presenting as symmetrical phe ripheral Gangrene; A rare presentation

Got first prize in both oral presentations
- Oral paper presentation in HAEMATOCON -ASSESSMENT OF SERUM TRANSHOLOCOBALAMINE AS EARLY BIOMARKER IN PEOPLE PRONE TO MEGALOBLASTIC ANAEMIA
- Poster on -Role of flowcytometry in predicting the probability of leukemic spill over of myeloma

Dr. Sandeep Garg

Dr. Sumeet Singla
Publications during the period:

Books/ Chapters /Contributed:
Dr. M.K. Daga
- Mradul Kumar Daga, Lalit Kumar, Jitendra Shukla: Central nervous system depressants: overdose and management. Principal and Practice of Critical Care Toxicology (Jaypee Brothers Medical Publishers) First Edition :2019 Page No. 77 - 83

Dr. Suresh Kumar

Dr. Sandeep Garg

Conferences/Workshops/Symposiums attended:

Dr. R.S. Ahlawat
- Chaired CME on Thalassemia May 4, 2010
- Chaired Thyroid, Kidney & Pancreas - APO Delhi State Chapter in July, 2019
- Attended 16th Congress of Asian Society of CAST Transplantation in October, 2019
- Attended ISNCON - 2019 in November, 2019
- Attended World Congress of Nephrology-2019 in May, 2019

Dr. M.K. Daga
- 25th Annual National Conference of the Association of Indian Society of Critical care Medicine, Mumbai was attended by Dr. Mradul Kumar Daga chaired a session on problems in ICU
- Invited as Faculty “Assessment of Environment, occupational Health and safety Organized by CSIR, NEERI and SAOEN on 28th to 29th Jan 2019
- Attended and deliver talk during AIIMS Pulnocrit – 2019, Update in Pulmonary, Critical Care & Sleep Medicine (02nd to 03rd March 2019).
- Invited as Faculty and exports “ Consortium for health effects of air pollution research in India CHAIR India on 14th to 15th May 2019 the park New Delhi
- Attended and deliver talk during Mid – Term “Conference of Innovative Physicians & Post Graduates” In Association with Department of Medicine SMS Medical College, Jaipur on 7th Jul 2019.
- Attended as invited faculty “Indoor Air Quality-Opportunity and Challenge” November 2019
- Attended and deliver talk during Mid – Term CME – 2019, Association of Physicians of India (Delhi State Chapter) on 14th to 15th Dec 2019.
- Invited as Faculty “ Medanta Infectious Disease- CME “on 22nd Dec 2019.

Dr. Suresh Kumar:
* Delivered a lecture at Annual Conference, Kochi, Kerla APICON 2019 in February, 2019
* Delivered a Lecture at Endocrinology Conference at Gurugram, Haryana on Fatty Liver in February, 2019
* Invited as Speaker on Dengue Prevention and Treatment by Delhi Medical Association in July, 2019.
* Core Faculty for formulation of guidelines on Dengue Management - AIIMS and WHO Expert Group Meeting in the month of August, 2019
* Attended a Conference of South East Asian Region and WHO Expert Group Meeting in Bankog Thialand in the month of July, 2019
* Delivered a Oration on current management of Hepatic Encephalopathy on 4th December, 2019 at State Level Conference of Delhi API Chapter.
* Delivered a Lecture on HCV and HIV co-infection at Delhi.
* Delivered Lecture on Patient Safety and Adverse Drug Reaction at Delhi State *Level Conference organized by Pharmacology Department, MAMC.

Dr. Sunita Aggarwal
- Apicon 2019 in Cochine– Delivered a lecture on Asymptomatic elevations of transaminases -
- Haemophilia day in MAMC
- Diabecon 2018 on 28-29th April –as Faculty member . I chaireda session on DM
- Max medicine update -4th Aug lecture - I delivered a lecture on unexplained anaemia
- National haemophilia update in Bangalore on 14 -15 th Oct
- HAEMATOCONfrom 7 -10th Nov Delhi- chaired a session on approach to bleeding disorder on 7th nov
- I organized CME on haemophilia in MAMC On 21st Nov

Dr. Sandeep Garg
- Chaired a session on Biostatistics at National Research Conference-cum workshop organized by Physician Research forum of API held at New Delhi on 12-13 Jan 2019
Chaired a session on “Case based approach in Endocrinology for PG students” in Speedcon-2019 held at new Delhi on 2-3rd Feb. 2019
Attended Delhi State Hemophilia (road map for Hemophilia care in Delhi) meeting on 23.2.19 at Delhi
Chaired a session on “Growth Assessment and Approach to short stature” in Practical Pediatric endocrinology course held at IHC, New Delhi on 23/2/19.
Chaired a session on “How to write a scientific paper” at Innovative Physician Forum Medicon 2019 on 24/11/19 at New Delhi
Delivered a lecture on “Steroid use is beneficial in sepsis” in APICON 2019 held at Kochi on 9.2.19
Delivered a lecture on “Cytokeratin-18, A marker of NASH” in Obesity and Weight Management conference held at New York on 18.3.19
Delivered a lecture on “Type II Diabetes in young” in Diabcon-2019 held at New Delhi on 27.4.19
Delivered a lecture on “Treatment of Hemophilia” at Interstate Hemophilia workshop held at MAMC on 29 to 30/11/19.
Chaired a session on “Diabetes Symposium” in the Annual conference of Delhi State API held at New Delhi on 28/7/19 at hotel royal Plaza.
Delivered a lecture on Approach to Hyperkalemia in Medicine Update of Max Hospital on 4/8/19 at hotel Leela Ambience, New Delhi.
Chaired a session on “Clinical management and Diagnosis of CVID” in the CME on Primary Immunodeficiency Syndrome organized by Pediatrics Department on 8/8/19 at MAMC.
Attended certificate course in “Excellence in Peer Review” Organized by Taylor and Francis Group at MAMC on 9/9/19
Attended “Advanced certification symposium in Diabetes” on 29th Sept. 2109 at New Delhi
Given a lecture on “Diagnosis and treatment of Hemophilia” in CME on hemophilia at MAMC on 21.11.19

Dr. Sumeet Singla
- Indo-UK World Rheumatology Forum Conference held in Gurgaon in March 2019
- Indian Rheumatology Association Research Cell Research Methodology Workshop held at PGIMER Chandigarh in July 2019
- 2nd Uvea-Rheumatology Interface 2019 held in Delhi in July 2019 MyoIN Summit 2019, held in July 2019 at SGPGI, Lucknow
- Training Course on Data Analysis using Statistical Software for Health and Demographic Research held at National Institute of Health and Family Welfare, New Delhi in September 2019
- International Conference on Womens Health in Autoimmune Diseases at PGIMER, Chandigarh, in October 2019
- API-Delhi State Chapter Annual Conference held in Delhi in Dec 2019
- Annual Conference of Indian Rheumatology Association (IRACON) 2019 held at Puducherry in Dec 2019

Significant Events (Honors to Faculty)
Dr. M.K. Daga
- Invited as Faculty “Assessment of Environment, occupational Health and safety Organized by CSIR, NEERI and SAOEN on 28th to 29th Jan 2019
- Invited as Faculty and exports “Consortium for health effects of air pollution research in India CHAIR India on 14th to 15th May 2019 the park New Delhi
- Invited as Faculty and exports “Indoor Air Quality-Opportunity and Challenges”
- Invited and Presentation “Clinical Interpretation of lab result on 22nd Dec 2019 Medanta hospital

Dr. Suresh Kumar: Received Award and Felicitated by API Delhi Branch and given Oration (Dr. Bansal and Uma Bansal Oration) on 4th December, 2019.

Fellowship
Dr. R.S. Ahlawat: FICP Fellowship was awarded by Indian College of Physician in the month of January, 2020 at 75th Annual Conference of API (year 2019-20)

Dr. M.K. Daga
- FRCP (Fellow of Royal College of Physicians. Edinb. ) 2019
- Dr. Suresh Kumar
  - Fellowship in Academy of Clinical Medicine (FIACM) was awarded.

- Dr. Sunita Aggarwal
  - Was selected as a fellow for American college of physicians (FACP).

- Dr. Sumeet Singla
  - Fellowship under The Medical Scientist Exchange Program of NAMS for the year 2018-19 was awarded to Dr. Sumeet Singla by National Academy of Medical Sciences and availed by him for training in Immunology at Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow for 4 weeks in Nov-Dec 2019

- Representation on expert Committee/Bodies:
  - Dr. R.S. Ahlawat:
    - Expert and Chairman for PPP Dialysis Project in Govt. Hospitals of NCT of Delhi
    - Expert for ILBS in (i) Selection of faculty, Nephrology (ii) Nephrology Department related projects.
    - Member of State Level Organi Transplantation Authorization Committee, Govt.of NCT of Delhi

  - Dr. M.K. Daga
    - Member of the Library Advisory committee MAMC.
    - Member of committee to evaluate Best thesis of outgoing post graduate student of MAMC.
    - Member of Hospital Drug Formulary Committee.
    - Member of Coronary Care Unit/Cardiac Laboratory.
    - Member of the research cell for research projects, Maulana Azad Medical College, New Delhi-2014.
    - Faculty of Department Education involved in Medical Teachers National Training Programme.
    - Counselor and faculty for PG in Geriatric Medicine Course being run by Indra Gandhi National Open University.
    - Faculty for centre for occupational & Environmental Health under Govt. of Delhi.
    - Examiner for MD Medicine and DNB Medicine.
    - Editorial Board of Current Medical Journal Published From Jaipur, Rajasthan
    - On reviewer panel of Indian Journal of Medical Research; Official Journal of Indian Council of Medical Research (ICMR).
    - Editorial board of Journal “Lung India”
    - Editing E-book in General Medicine
    - Member of Davidson’s Principles and Practice of Medicine International Advisory Board (IAB) for the forthcoming 23rd Edition.
    - Member Secretary Indraprastha Vyavsayik Evam Paryavarneeya Swasthya Samiti (IVPSS) & Centre for Occupational and Environmental Health
    - Member for the expert committee for evaluation of Silicosis induced death by Govt. of NCT Delhi
    - Member of Hospital Bio Medical Waste Management and Infection Control, Sectinal Committee MHD 21.
    - Member of Curriculum Committee for monitoring and implementation of Attitude and communication (AT COM)
    - Member of Editorial Board of Journal of Respiratory Research (ISSN 2412-2424)
    - Member Secretary Instructional Ethical Committee Maulana Azad Medical College
    - Member of BMWM Committee of LNH, New Delhi.
    - Member Instructional Ethical Committee All India Institute of Medical Sciences (AIIMS)

- Dr. Suresh Kumar
  - On Expert Panel of AIIMS
  - On Expert Panel of SKIMS Srinagar, J &K.
  - On panel of UGC
  - On panel of UPSC.
  - On Panel of Rathasthan University of Health Sciences, Jaipur.
  - On Panel of Maharasthra University of Health Sciences, Nasik.
  - Member of Expert Committee, ICMR.
  - External Examiner for MD, Medicine of Gujrat University, Maharasthra University, Sri Guru Ram Rai University, Dehradun.
Dr. Sunita Aggarwal
- Expert member in Delhi Medical council
- Expert member in DMSE committee vaccine
- Resource person in postgraduate medical education and training cell in MAMC
- Expert member in post graduate studies board of studies
- VC Training on "Typhoid Resurgence and its latest Management" on 6th December'19 from ESIC Hqrs Office

Dr. Sandeep Garg
- Was member of expert committee formed by UGC, CSIR for various work time to time
- Health Services to the Community:
  - Organized a health checkup camp for the poor and underprivileged school children at Nai Disha, Vasant Kunj, New Delhi on 3rd November 2019
  - Organized a health checkup camp and Data Collection human health effect FIRECRACKERS BURSTING DURING DIWALI IN NATIONAL CAPITAL OF DELHI. 24TH October to 30TH October 2019

Dr. M.K. Daga
- Organized a health checkup camp and Data Collection human health effect FIRECRACKERS BURSTING DURING DIWALI IN NATIONAL CAPITAL OF DELHI. 24TH October to 30TH October 2019

Lab Data:
Dr. Suresh Kumar
- Name of the Lab: Endoscopy Unit
- Name and no. Of test performed:
  - UGIE : 1152
  - Duodenal Biopsy and other procedures : 88
  - Fibroscan : 1162
- Percentage of growth compared to last year. (1) : 20% (2) 15% (3) 100%

A) Name of the Lab: PCR Hepatitis Lab
B) Name and no. Of test performed:
  - HAV Igm : 384 (2) HEV Igm : 480 (3) HBsAg : 768 (4) Anti HCV : 960 (5) HB e Ag : 192
  - HBc Tgh : 288 (7) HCV RNA : 600
- Percentage of growth compared to last year. (1) to (7) : 20%

Dr. Sumeet Singla
Lab Data:
A)Name of the Lab: Nuclear Medicine Lab, B L Taneja Block
B)Name and no. Of test performed:
(1) Serum Rheumatoid Factor - 150 tests
(2) Serum CRP - 150 tests
(3 Serum Ferritin - 30 tests
(4)Blood HbA1C - 60 tests
C) Percentage of growth compared to last year. 20%

New facilities added:
Any other worth mentioning information

Dr. Sandeep Garg
- Is a member of SAE Independent Expert committee Central drug standard control organization of DCGI, Govt. of India
- Is a member of committee formed for the expert opinion in medical negligence cases in Delhi Medical Council
- Is a member of expert committee formed by UGC, CSIR and UPSC for various work time to time
- Was elected as a Member of Physician Research Form of API
- Was a member of Panel discussion on Diabetes on Total Health Programme live telecasted On Door darshan DD news Channel on 17/11/19
1. **Name of the Head of the Department:** Dr. C.P. Baveja till 27.11.2019 and Dr. Vikas Manchanda from 28.11.2019

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Name of the Faculty</th>
<th>Designation</th>
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<tbody>
<tr>
<td>1</td>
<td>Dr. C.P. Baveja</td>
<td>Director Professor</td>
</tr>
<tr>
<td>2</td>
<td>Dr. Surinder Kumar</td>
<td>Director Professor</td>
</tr>
<tr>
<td>3</td>
<td>Dr. Vikas Manchanda</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>4</td>
<td>Dr. Rohit Chawla</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>5</td>
<td>Dr. Prabhav Aggarwal</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>6</td>
<td>Dr. Tanu Sagar</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>7</td>
<td>Dr. Oves Siddiqui</td>
<td>Assistant Professor</td>
</tr>
</tbody>
</table>

2. Members who have left the Department during the period:

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Name of the Faculty</th>
<th>Designation</th>
<th>Reason for leaving the job</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dr. C.P. Baveja</td>
<td>Director Professor</td>
<td>Joined as Director Principal, Dr. Baba Sahib Ambedkar Medical College, Delhi</td>
</tr>
<tr>
<td>2</td>
<td>Dr. Surinder Kumar</td>
<td>Director Professor</td>
<td>Superannuated</td>
</tr>
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4. **Research Schemes:**

**Ongoing projects:**

**A. Supported by State/GoI Grant**

- **Dr. C.P. Baveja**
  1. Integrated Counselling and Testing Centre for HIV under NACO & DSACS.
  2. State Reference Laboratory for HIV under NACO & DSACS.
  3. Laboratory for enumeration CD4 T-lymphocyte by flow cytometry under NACO & DSACS.

- **Dr. Rohit Chawla**
  1. Regional STI Reference, Research and Training Center Laboratory under NACO & DSACS.

- **Dr. Vikas Manchanda**
  1. Advance Virology Laboratory under Govt of NCT of Delhi
  2. State Laboratory for National Viral Hepatitis Control Program, Govt of NCT of Delhi

**B. Research Projects - Extramural Funded**

**PI : Dr. Vikas Manchanda**

1. Point-of-Care (POC) devices for bedside diagnosis of bacteremia and neonatal sepsis. *Funded by DST, IMPRINT-2 funds*
2. Development of a point-of-care (POC) diagnostic panel for rapid detection and stratification of bacterial septicemia in critically-ill patients. *Funded by DST under nanomission grant*
3. Evaluating PCV impact on invasive pneumococcal disease, pneumonia, pneumococcal carriage, and health economic outcomes in India. *Funded by Bill Gates Melinda Foundation and Pfizer*
4. WHO project entitled “Development of an Indian Priority Pathogen List (IPPL) of antibiotic-resistant bacteria to guide research, discovery and development of new antibiotics, from the national perspective” (Oct 2018-Feb 2019).
5. Rapid diagnosis of candidemia through a novel, rapid and cost-effective spot immunomagnetic enrichment device (SiMED) Initiated July 2018, funded by DBT

**C. Research Projects - Intramural Funded**

i. “Utility of Fecal Biomarkers in Acute Infectious Diarrhea in Children.”, funded by MAMC. – **PI Dr. Prabhav Aggarwal**
ii. Detection of Dermatophytes in patients with Onychomycosis Funded by MAMC – PI Dr. Tanu Sagar
iii. To determine the spectrum of anaerobic bacteria in clinical specimens and the utility of real-time PCR for the diagnosis of anaerobic infections. Funded by MAMC – PI Dr. Oves Siddiqui

b. Details of thesis completed during current year
i. Dr. C.P. Baveja: Supervisor for 01 MD Thesis; Co-Supervisor for 05 MD Thesis
ii. Dr. S. Kumar: Supervisor for 01 MD Thesis, Co-Supervisor for 02 MD Thesis

5. Trainees from other agencies:
Short term training was provided to several students of the following courses from University of Delhi and other Universities:
i. B.Sc. (Biotechnology and Biomedical sciences)
ii. B. Tech (Biotechnology)
iii. MLT students from other institutions

6. Training course/conferences/workshops organized:

Dr. C.P. Baveja & Dr. Rohit Chawla
i. Conducted workshop on “Staphylococcal phage typing” for final year M.D. (Microbiology) students of Delhi University on 25 January 2019.
iii. Organized Workshop on External Quality Assessment Scheme for HIV Serology for laboratory technicians of linked ICTCs and PPTCTs on 13 March 2019.
iv. Conducted scientific session on “Laboratory diagnosis of non-ulcerative STIs & RTIs” during CME Programme for Postgraduate Students organized by Regional STI Research, Reference and Training Centre, MAMC, on 18 March 2019.
v. Conducted training on IGNOU CHCWM Programme from 13 to 15 May, 2019 at New Delhi.
vii. Conducted training on IGNOU CHCWM Programme from 06 to 08 November, 2019 at New Delhi.
viii. Organized training programs on Biomedical Waste Management for Senior Residents, Junior Residents and Technical staff of Maulana Azad Medical College.

Dr. Vikas Manchanda
i. Organized an awareness campaign through a Walkathon on Antimicrobial resistance containment from MAMC to Raj Ghat on November 17, 2019 in collaboration with IAMM, WHO, CDC, USA

Dr. Rohit Chawla
ii. Conducted training of Master Trainers for “Blended Clinical Training Programme” as a Senior Master Trainer under the aegis of National AIDS Control Organization, Ministry of Health & Family Welfare, Government of India, from 02 to 05 July, 2019 at Guwahati.
iii. Conducted training on IGNOU Postgraduate Diploma in HIV Medicine (PGDHIHM) Programme on 19 September, 2019 at New Delhi.

7. Publications during the period:
i. Suman U, Chaudhary M, Baveja CP “A Rare Presentation Of Salmonella Typhi As Multiple Liver Abscess With Typhoid Fever In A Child”, International Journal Of Scientific Research, 2019;8:63-64.


8. Books/Chapter/Contributed:

Dr. C.P. Baveja

i. Practical Pathology Microbiology and Pharmacology (Dental Students) 3rd Edition has been written as co-author by Dr. C.P. Baveja and published by Arya Publications, Delhi

Dr. Rohit Chawla


9. Conferences/workshops/symposiums attended:

Dr. C.P. Baveja


Dr. Vikas Manchanda

i. Orientation Meeting for “Sensitization and Hands-on workshop on Maintenance and Certification of Biosafety Cabinets”, 13 May 2019, National Institute of Biologicals, Noida


Dr. Rohit Chawla


ii. Attended meeting of the Expert Group to finalize the Training Modules for the Laboratory Staff of HIV Laboratories, National AIDS Control Organization, Ministry of Health & Family Welfare, Government of India, on 08 February, 2019 at New Delhi.


vi. Attended Indian Association of Medical Microbiologists (IAMM) meeting on “Antimicrobial Resistance (AMR) Containment-The way forward”, on 22 December, 2019 at New Delhi.

Dr. Prabhav Aggarwal

i. Attended Curriculum Implementation Support Program (CISP) workshop conducted by Medical Education Department, MAMC on 11.03.2019,
ii. Attended 1st Annual Research Day at AIIMS, Delhi on 26.03.2019:
iii. Attended Indian Association of Medical Microbiologists- Delhi Chapter on 20.07.2019.
iv. Participated in Revised Basic course workshop in Medical Education Technologies, conducted by Medical Education Department, MAMC on 27.08.2019 to 29.08.2019
v. Attended Sensitization Program on AETCOM module on 30.08.2019
vii. Attended In-house Curriculum Implementation Support Program Workshop at MCI Regional Centre for Faculty Development, MAMC on 25.09.2019 to 27.09.2019
viii. Attended Micro-D-Con 2019 - Indian Association of Medical Microbiologists- Delhi Chapter on 01.11.2019.

a. Dr. Tanu Sagar
   i. International Conference on Human, Animal and Plant Mycoplasmas' held at NCMR-NCCS, Pune on December 03 & 04, 2019
   ii. Participated in Revised Basic course workshop in Medical Education Technologies, conducted by Medical Education Department, MAMC on 27.08.2019 to 29.08.2019

11. Significant events (Honors to the Faculty):

   Dr. C.P. Baveja
   ii. Awarded “Distinguished Alumnus Award” of MAMC in 2019. The award was conferred by the Vice President of India.
   iii. Sub Dean, Maulana Azad Medical College, Delhi
   iv. Officiating Dean, Maulana Azad Medical College, Delhi w.e.f. 24.07.2019 to 30.07.2019
   v. Promoted to HAG post of CHS cadre.
   vi. Chief Guest and Keynote Speaker at Nivodya Medical College, Raichur, India in August 2019.
   vii. Guest of Honor for Dr. Paintal Memorial Award at VP Chest Institute, Delhi
   viii. HOD, Microbiology, Faculty of Medical Sciences, University of Delhi.
   ix. Chairperson of ‘Committee of Courses and Studies' in Microbiology, University of Delhi
   x. Vice Chairman of Infection Control Committee of Lok Nayak Hospital, New Delhi.
   xi. Vice Chairman, Antibiotic Committee, Lok Nayak Hospital, New Delhi
   xii. Chairperson, Departmental Research Committee (DRC) Microbiology, Faculty of Medical sciences, University of Delhi
   xiii. Chairperson of curriculum & courses studies meeting of University of Delhi.
   xiv. Chairperson “MAMC Best Oral Paper Session 1” at India Habitat Center in Micro-D-Con 2019.
   xvi. Chairperson for PhD viva at University of Delhi.
   xvii. Chairperson on Interview Board for Senior resident’s selection at M.A.M. College, New Delhi in 2019.
   xix. Chairperson of Interview Board for post of Assistant Professor (Contractual) by Govt. of NCT of Delhi at MAMC in December 2019.
   xxi. Attained 100% concordance in External Quality Assessment Scheme for HIV Serology conducted by National Reference Laboratory (NRL) for HIV, Centre for AIDS & Related Diseases, National Centre for Disease Control (NCDC), Dte. General of Health Services, Ministry of Health & Family Welfare, Government of India, Delhi.
Dr. Vikas Manchanda
i. Chair ed a Diagnostic Roundtable Seminar at National Science Center, Delhi. The seminar has been organized by NCSM (India), BIRAC (India), Science Museum Group (UK) and Longitude Prize/Nesta (UK) on September 6, 2019.
ii. Member, Departmental Research Committee (DRC) Microbiology, Faculty of Medical sciences, University of Delhi
iii. Delivered Lecture on WHONET-Validation of AMR data at WHONET training workshop at LHMC on December 13, 2019.
iv. Panellist in Challenges and solutions in BioMedical Waste Management MICROCON 2019 on November 29, 2019
v. Delivered Lecture on WHONET-Validation of AMR data. National Conference, MICROCON 2019, Mumbai on November 27, 2019
vi. Delivered Lecture on WHONET-Laboratory configuration and data analysis, MICROCON 2019, Mumbai on November 27, 2019
viii. Delivered Lecture on Quality Indicators in Diagnostic Stewardship at Micro-D-CON, November 01, 2019.
x. Delivered Lecture on Recent advances in Microbiology, Workshop on Recent advances in Microbiology Diagnosis at Pediatric Super speciality Hospital, NOIDA, February 2019
xi. Delivered Lecture on “Transmission-based precautions, Infection control in high risk settings” at workshop on “Essentials of safe Nursing Practices” from January 29th to February 2nd, 2019, held at Rajiv Gandhi Super speciality Hospital, Tahirpur, Delhi.
xii. Poster Presentations:
   b. Nagi N, Manchanda V, Arora N, Hasan F, Jhamb U, Baveja CP. To study the effect of use of air purifiers on microbial load in a Pediatric Intensive Care Unit of a tertiary care hospital. April 2019, IAMM Delhi Chapter
   c. Suman U, Manchanda V, Sarin YK, Jyotsana, Andrews SR, Shashibala, Baveja C.P. Paediatric surgical wound infections and its microbiological spectrum over a period of two years in a tertiary care hospital. April 2019, IAMM Delhi Chapter
xiii. Discharged duties as Superintendent during the Delhi University 2nd MBBS Examination.
xiv. Discharged duties as Examiner during the Delhi University 2nd MBBS Annual Examination.

Dr. Rohit Chawla
i. Dr. Rohit Chawla after having passed the theory and practical examinations in the subject of Microbiology was awarded Diplomate of National Board (DNB) by the National Board of Examinations, Ministry of Health & Family Welfare, Government of India.
ii. Dr. Rohit Chawla was conferred with President-National Board of Examinations Gold Medal for academic excellence in the field of Clinical Microbiology by Dr. Harsh Vardhan, Hon’ble Union Minister of Health & Family Welfare, Government of India, during the 20th Convocation of the National Board of Examinations on 24 December’2019 at New Delhi.
iii. Dr. Rohit Chawla was admitted as the member of the National Academy of Medical Sciences, India.
iv. Dr. Rohit Chawla was felicitated by the National Board of Examinations (NBE), Ministry of Health & Family Welfare, Government of India, in recognition of bringing the academic richness to the postgraduate programmes of the NBE.
v. Dr. Rohit Chawla successfully completed the course on Good Clinical Practice, conducted by the National Institute on Drug Abuse (NIDA) Clinical Trials Network, USA.
vi. As Quality Manager, HIV Laboratory, Dr. Rohit Chawla was instrumental in facilitating the conduct of the Desktop Surveillance of the laboratory by the National Board of Testing and Calibration Laboratories in accordance with ISO 15189:2012, which led to the continuation of the accreditation of the laboratory as per the said standard.
vii. As Laboratory Assessor under the aegis of National Accreditation Board for Testing & Calibration Laboratories (NABL), Dr. Rohit Chawla conducted the audit of various laboratories to ascertain their compliance to the International Standard, ISO 15189:2012-Medical Laboratories: Requirements for quality and competence.

viii. Attained satisfactory performance in External Quality Assessment Scheme for Syphilis Serology conducted by Apex regional STD Teaching Training & Research Centre, VMMC & Safdarjung Hospital, New Delhi-110029.

ix. Attained 100% concordance in External Quality Assessment Scheme for HIV Serology conducted by National Reference Laboratory (NRL) for HIV, Centre for AIDS & Related Diseases, National Centre for Disease Control (NCDC), Dte. General of Health Services, Ministry of Health & Family Welfare, Government of India, Delhi.

x. Attained satisfactory performance in External Quality Assessment Scheme for CD4+ T- Lymphocyte Enumeration conducted by National AIDS Research Institute, Indian Council of Medical Research under the aegis of National AIDS Control Organization, Ministry of Health & Family Welfare, Government of India.

xi. Discharged duties as Superintendent during the Delhi University 2nd MBBS Supplementary Examination.

xii. Discharged duties as Examiner during the Delhi University 2nd MBBS Annual Examination.

Dr. Prabhav Aggarwal
i. Delivered guest Lecture on ‘Infection control in Hospital and Dental Practice’ at ESIC Dental College and Hospital, Rohini, Delhi on 07-05-2019 on

Dr. Oves Siddiqui
i. Appointed as external examiner for M.Sc. (Medical Microbiology) 2nd year annual Examination 2019 by Hamdard Institute of Medical sciences and research (HIMSR), New Delhi.

12. Fellowship: Nil

13. Representation on expert committee/bodies:

Dr. C.P. Baveja
i. Member Core Committee, RNTCP
ii. Member State Task force Committee of RNTCP
iii. Chairperson, Biomedical Waste Management Committee of Maulana Azad Medical College, New Delhi.
iv. Member, Biomedical Waste Management Committee of Lok Nayak Hospital, New Delhi.
v. Chairman, Departmental Research Committee, Microbiology Department, MAMC
vi. Member of committee for awards to medical students by MAMCOS.
vii. Reviewer for Indian Journal of Medical Microbiology and Oman Medical Journal.
viii. Member, Delhi Chapter of Indian Association of Medical Microbiologists
ix. Member, Indian Association of Mycoplasmalogists.
x. Member, Curriculum Committee for MBBS students of MAMC, New Delhi.
xi. Member, Grievance committee for redressal of the grievances of MAMC, New Delhi.
xii. Member, Academic Council, University of Delhi.
xiii. Member, University Court, University of Delhi.
xiv. Member of Committee for KB Sharma Rolling Trophy in 2018.
xv. Principal Member, Medical Laboratory Instruments Sectional Committee MHD 10, Bureau of Indian Standards, Manak Bhawan, New Delhi.
xvi. Principal Member, Biological and Clinical Evaluation of Medical Devices and Immuno- Biological Diagnostic Kits Sectional Committee MHD 19, Bureau of Indian Standards, Manak Bhawan, New Delhi.
xvii. Principal Member, Hospital Biomedical Waste Management and Infection Control Sectional Committee, MHD 21, Bureau of Indian Standards, Manak Bhawan, New Delhi.
xviii. Member, Editorial Board, MAMC Journal of Medical Sciences
xix. Member, Board for Research Studies, University of Delhi.
xx. Member, Board for Studies, Aligarh Muslim University, Aligarh.
xxi. Member, District AIDS Prevention & Control Committee, Central Delhi.
xxii. Member, Ethics Committee, Aligarh Muslim University, Aligarh.
xxiii. Member, State level committee for investigation of Adverse Reactions following Oral Polio Vaccinations under Govt. of NCT of Delhi.
xxiv. Member of committee for specifications of instruments at Ministry of Health and Family Welfare, Nirman Bhavan, New Delhi
xxv. Member of committee for Rules formulation for Class III and IV employees at MAMC, Delhi
xxvi. Member, Technical Resource Group, NACO
xxvii. Subject expert for Faculty posts of Microbiology at Janakpuri Superspeciality Hospital, New Delhi in November 2019.
xxviii. Subject expert for Faculty posts of Microbiology at ILBS, New Delhi in November 2019.
xxix. External Examiner for PhD viva at AIIMS, New Delhi.
xxx. External Examiner for MD Microbiology at LHMC in April 2019.
xxvii. External Examiner for MD Microbiology at Ram Murti Medical College, Barrely in June 2019.
xxix. Subject Expert for formulation of MCQs of Orissa Public Service Commission
xxx. Panelist in Dermatology TB conference in July 2019.
xxxii. Participated in meeting of new MBBS curriculum as Dean, MAMC on 30.07.2019.

Dr. Vikas Manchanda
i. MAMC & LNH
   o Member, MAMC Research Cell
   o Member, Institutional Ethics Committee, MAMC
   o Member, Website Committee, MAMC
   o Member, Biomedical Waste Management Committee of Lok Nayak Hospital, New Delhi.
   o Secretary, Hospital Infection Control Committee, LNH

ii. Govt of NCT of Delhi
   o Member, Technical Committee for formulation of State Action Plan for Antimicrobial containment, Govt of NCT of Delhi
   o Member, Institutional Ethics Committee, Chacha Nehru Bal Chikitsalaya, Govt of NCT of Delhi
   o Member, State Adverse events following immunization (AEFI) committee
   o Member, Hospital Infection Control, SOP Committee, Delhi State Health Mission,
   o Member, Committee for finalizing a comprehensive and composite proposal for facilitating Training and Exchange Programs on Management Skills and Staff Skills of the in-service Medical Professionals/ Paramedical/Nursing Staff of the Department of H&FW, Govt. of NCT of Delhi in National and International institutes of repute
   o Member, Outsourcing of laboratory services of Aam Admi Mohalla Clinics and other Delhi Govt Health centers
   o Member, Hospital Infection Control, Standard Operating Procedure Committee, Delhi State Health Mission, 2019

iii. Central Government, Quasi-Governmental and Autonomous bodies
   o Expert Review meeting at National Center for Disease Control (NCDC) Delhi to update SOP for AMR surveillance
   o Medical Biotechnology and Nano-technology, Sectional Committee, MHD 20
   o Member, Project Review Committee, ICMR
   o Member, Advisory Committee, Indo-Norwegian Projects on AMR, ICMR,
iv. Professional Medical bodies and Associations
   o Executive member, IAMM National Body
   o Executive member, IAMM - Delhi Chapter
   o Member of Editorial Board of following journals:
     ▪ Journal of Patient Safety and Infection Control – Journal of Hospital infection Society of India (HISI)
     ▪ Astrocyte – Journal by National Board of Examinations (NBE)
     ▪ Jeevanu Times – Publication from Indian Association of Medical Microbiologists, Delhi Chapter
   o Web Editor - IAMM Delhi Chapter
   o Web Editor – Hospital Infection Society, India

Dr. Rohit Chawla
i. Diplomate, The American Board of Medical Microbiology, USA
ii. Diplomate, The Royal College of Pathologists, United Kingdom
iii. Diplomate of National Board, India
iv. Fellow, The Canadian College of Microbiologists, Canada
v. Member, The American Society for Microbiology, USA
vi. Member, Validation Committee, American Board of Medical Microbiology, USA
vii. Member, National Academy of Medical Sciences, India
viii. Member, Australian Institute of Medical Scientists, Australia
ix. Laboratory Assessor, National Accreditation Board for Testing & Calibration Laboratories, for auditing Medical Laboratories for their compliance to the International Standard, ISO 15189:2012-Medical Laboratories: Requirements for quality and competence, in the field of Microbiology & Serology
x. Assessor, National Accreditation Board for Hospitals & Healthcare Providers (NABH), for auditing healthcare organizations for their compliance to NABH-Pre-accreditation Entry Level Hospitals & Small healthcare organization standards
xi. Member, Technical Expert Committee to finalize technical specifications for major laboratory equipment for newly upgraded National Centre for Disease Control, Dte. General of Health Services, Ministry of Health & Family Welfare, Government of India.
ixii. Subject Matter Expert, National Board of Examinations, Ministry of Health & Family Welfare, Government of India
xiii. Academic Counselor, Indira Gandhi National Open University (IGNOU) for Certificate course in Healthcare Waste Management (CHCWM) Programme for Courses BHM101, 102; BHME101-106; BHMP101; and BHML101
xiv. Academic Counselor, Indira Gandhi National Open University (IGNOU) for Postgraduate Diploma in HIV Medicine (PGDHIVM) Programme
xv. Alternate Member, Medical Laboratory Instruments Sectional Committee MHD 10, Bureau of Indian Standards, Manak Bhawan, New Delhi
xvi. Alternate Member, Biological and Clinical Evaluation of Medical Devices and Immuno- Biological Diagnostic Kits Sectional Committee MHD 19, Bureau of Indian Standards, Manak Bhawan, New Delhi
xvii. Alternate Member, Hospital Biomedical Waste Management and Infection Control Sectional Committee MHD 21, Bureau of Indian Standards, Manak Bhawan, New Delhi.

xxvii. Member, Working Committee on Lab Trainings, National AIDS Control Organization, Ministry of Health & Family Welfare, Government of India
xviii. Senior Master Trainer, National AIDS Control Organization, Ministry of Health & Family Welfare, Government of India
xx. Member, Committee for development of Modules for Labs for Life Project (Phase 3) under the aegis of National AIDS Control Organization, Ministry of Health & Family Welfare, Government of India
xxi. Member, Technical Evaluation Committee for procurement of DBS and related items for National AIDS Control Organization, Ministry of Health & Family Welfare, Government of India
xxiii. Member, Technical Specification Committee for finalizing specifications for dual test kits for HIV and Syphilis
screening for National AIDS Control Organization, Ministry of Health & Family Welfare, Government of India
Organization, Ministry of Health & Family Welfare, Government of India
xxv. Member, Committee of Courses and Studies, Department of Microbiology, Faculty of Medical Sciences, Delhi
University
xxvi. Examiner
• Chaudhary Charan Singh University, Meerut, Uttar Pradesh
• Pt. BD Sharma University of Health Sciences, Rohtak, Haryana
• Guru Gobind Singh Indraprastha University, New Delhi
• Faculty of Medical Sciences, University of Delhi
xxx. Member, Biomedical Waste Management Committee, MAMC
xxxi. Member, Website Committee, MAMC
xxxii. Member, Committee to decide on Dr. R.P. Khera Merit Award for the Year 2018.
xxxiii. Superintendent, Delhi University 2nd MBBS (Supple) Theory and Practical Examinations.
xxxiv. Member, Condemnation & Auctioning Committee, MAMC
xxxv. Member, Departmental Research Committee
xxxvi. Member, Interview Board to conduct walk-in interview for recruitment of Senior Residents in the Department
of Microbiology, Lok Nayak Hospital, New Delhi.
xxxvii. Member, Selection Committee for recruitment of Senior Residents in the Department of Microbiology, MAMC,
New Delhi.
xxxviii. Member, Selection Committee for recruitment of Senior Residents in the Department of Microbiology, Govind
Ballabh Pant Institute of Postgraduate Medical Education & Research, New Delhi.
xxxix. Faculty, Post-graduate Orientation Program, MAMC
l. Reviewer
• The Journal of Obstetrics and Gynaecology Research
• Indian Journal of Medical Microbiology
lii. Member
• Indian Association of Medical Microbiologists
• Indian Society of Malaria & Other Communicable Diseases
• Delhi Chapter of Indian Association of Medical Microbiologists

Dr. Prabhav Aggarwal
i. Internal Auditor for NABL as per ISO 15189:2012.
ii. Member, Committee for VIRASAT-2019 scheduled at Maulana Azad Medical College, Delhi.
iii. Member, Selection Committee for recruitment of Senior Residents in the Department of Microbiology, MAMC,
New Delhi.
iv. Member for recommendation of books and journals in Microbiology for procurement at National Medical Library,
meeting held at Ministry of Health and Family Welfare, Nirman Bhavan, New Delhi.
v. Peer Reviewer for following journals during 2018:
• BMC infectious diseases
• Journal of Medical Microbiology
• Journal of Global Antimicrobial Resistance
• Indian Pediatrics
• Microbial Drug Resistance.
• Annals of Clinical Microbiology and Antimicrobials

14. Health services to the community:
Nil
15. Lab Data:

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Laboratory</th>
<th>Total</th>
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<tbody>
<tr>
<td>1.</td>
<td>HIV Lab</td>
<td>43361</td>
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<td>2.</td>
<td>Serology Lab</td>
<td>16023</td>
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<td>3.</td>
<td>Pus Lab</td>
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<td>4.</td>
<td>Antibiotic Lab</td>
<td>8951</td>
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<td>5.</td>
<td>Blood &amp; CSF Lab</td>
<td>10259</td>
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<td>6.</td>
<td>Urine Lab</td>
<td>37075</td>
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<td>7.</td>
<td>Diarrhea Lab</td>
<td>4043</td>
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<tr>
<td>8.</td>
<td>Parasitology Lab</td>
<td>1181</td>
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<tr>
<td>9.</td>
<td>Anaerobic Lab</td>
<td>1163</td>
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<td>10.</td>
<td>Tuberculosis Lab</td>
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<tr>
<td>11.</td>
<td>Mycology Lab</td>
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<td>12.</td>
<td>Virology Lab</td>
<td>100236</td>
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<tr>
<td>13.</td>
<td>Emergency Lab</td>
<td>80036</td>
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<tr>
<td>14.</td>
<td>STI Lab</td>
<td>4495</td>
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<tr>
<td>15.</td>
<td>Advance Virology</td>
<td>1847</td>
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<tr>
<td></td>
<td>Grand Total</td>
<td>329042</td>
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Percentage growth compared to last year (2018): 3.9%

16. New facilities added:

Following test parameters added to Advance Virology Laboratory:

<table>
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<tr>
<th>S. No.</th>
<th>New Facilities Added</th>
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<tbody>
<tr>
<td>1</td>
<td>HBV viral load PCR</td>
</tr>
<tr>
<td>2</td>
<td>HCV viral load PCR</td>
</tr>
<tr>
<td>3</td>
<td>Anti-HBs Antibodies quantitative</td>
</tr>
<tr>
<td>4</td>
<td>Zika Virus IgM ELISA</td>
</tr>
<tr>
<td>5</td>
<td>Zika Virus IgG ELISA</td>
</tr>
<tr>
<td>6</td>
<td>Anti-CMV IgG avidity ELISA</td>
</tr>
<tr>
<td>7</td>
<td>Anti-Rubella IgG avidity ELISA</td>
</tr>
<tr>
<td>8</td>
<td>Anti-measles IgG antibodies in CSF ELISA</td>
</tr>
<tr>
<td>9</td>
<td>Anti-mumps antibodies quantitative ELISA</td>
</tr>
<tr>
<td>10</td>
<td>Anti-VZV IgG antibodies quantitative ELISA</td>
</tr>
<tr>
<td>11</td>
<td>Japanese encephalitis IgM in CSF ELISA</td>
</tr>
<tr>
<td>12</td>
<td>West Nile Virus IgM antibodies ELISA</td>
</tr>
<tr>
<td>13</td>
<td>Anti-HSV 1 &amp;2 IgM in CSF ELISA</td>
</tr>
<tr>
<td>14</td>
<td>EBV VCA- IgG ELISA</td>
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<td>15</td>
<td>EBV VCA- IgM ELISA</td>
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<tr>
<td>16</td>
<td>PCR for Urine CMV</td>
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<tr>
<td>17</td>
<td>PCR for Bacterial Meningitis</td>
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<tr>
<td>18</td>
<td>PCR for JEV</td>
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<tr>
<td>19</td>
<td>PCR for EBV</td>
</tr>
<tr>
<td>20</td>
<td>PCR for HSV1+2</td>
</tr>
<tr>
<td>21</td>
<td>PCR for Viral meningitis</td>
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17. Any other worth mentioning information: Nil
NEONATOLOGY

1. Name of the Head of the Department: Dr. AJAY KUMAR

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name of The Faculty</th>
<th>Designation</th>
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<tbody>
<tr>
<td>1</td>
<td>Dr Ajay Kumar</td>
<td>Director Prof &amp; HOD</td>
</tr>
<tr>
<td>2</td>
<td>Dr Siddarth Ramji</td>
<td>Director Professor (Posted with MCI)</td>
</tr>
<tr>
<td>3</td>
<td>Dr Ashish Jain</td>
<td>Associate Professor</td>
</tr>
</tbody>
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2. Members who have left during the period:

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name of Faculty</th>
<th>Designation</th>
<th>Reason for leaving the job</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dr N B Mathur</td>
<td>Director Professor</td>
<td>Super numeration</td>
</tr>
<tr>
<td>2</td>
<td>Dr Abhishek Chopra</td>
<td>Assistant Professor</td>
<td>Resigned</td>
</tr>
</tbody>
</table>

3. Research scheme

1) Ongoing project

1. Research Project “Effect of Enteral Iron Supplementation in Term Small for Gestational Age Infant-A Randomized Controlled Trial” under the Scheme “ Strengthening of Medical Research” of Government of NCT of DELHI, MAMC New Delhi (PI: Dr Ajay Kumar, Co-PI: Dr Ashish Jain, Dr Abhishek Chopra, Dr BC Koner)

2. “Zinc as an adjunct for the treatment of clinical severe infection in infants younger than 2 months” Funded by the Pediatric Biology Centre (PBC) at the Translational Health Science and Technology Institute (THSTI) in collaboration with Centers for Health Policy/Primary Care and Outcomes Research at Stanford University School of Medicine (CHP/PCOR) and the Centre for International Health, University of Bergen, Norway (CHN-CH) 2015-2018 (Site Investigators: Dr Ajay Kumar, Dr NB Mathur, Dr S Ramji)

3. Comparative study of a novel hearing screening device, Sohum, with the gold standard Technology. Funded by the Sohum Innovation Labs, Bangalore. (PI: Dr Ashish Jain, Co-PI; Dr S Ramji, Dr Abhishek Chopra, Dr N B Mathur, Dr P K Rathore, Dr Ravi Maher).

4. NBBD (New-born Birth Defect) Database LNJP Hospital and Zika Surveillance, a project lead and funded by the WHO SEARO (2014) with Dr Ashish Jain as the Site Co-Coordinator.

2) Details of thesis completed during current year

1. “Risk Factors for Acute Bilirubin Encephalopathy among Newborns with Severe Hyperbilirubinemia -A Prospective Observational Study” submitted to Delhi University In November 2019 (Dr K Saddam Hussain, Dr Ajay Kumar, Dr PK Rathore, Dr BC Koner).

2. “Outcome of Jaundiced Neonates with Two Targets of Total Serum Bilirubin Level for Phototherapy Discontinuation” submitted to Delhi University in May, 2019 (Dr Nidhi Jain, Dr Ajay Kumar, Dr S Ramji, Dr BC Koner).

3. “Evaluation of Diagnostic Accuracy of Markers of Suspected Inborn Errors of Metabolism” submitted to Delhi University in November 2019 (Dr Kaushaki Shankar, Dr NB Mathur, Dr Seema Kapoor).

4. Publications during the period:

1. Gaju S, Kumar A : Noma Neonatorum-A unique Presentation of Sepsis in Neonates (Your Diagnosis, Please). Accepted for Publication September 18, 2019 in The Pediatric Infectious Disease Journal. ISSN: 0891-3668/19/00-00 DOI: 10.1097/INF.0000000000002518.


8. Books/ Chapters contributed:
9. Conferences/ Workshops/ Symposiums attended:
   1. Dr Ajay Kumar: Panel Speaker “Case based Panel Discussion- Pregnancy with Non-Rheumatic Heart Disease (Congenital Heart Disease, Cardiomyopathy)” at 5th Maternal and Fetal Medicine Update on Pregnancy with Heart Disease, Organized by Department of Obstetrics and Gynecology, Maulana Azad Medical College, New Delhi, 21 December, 2019.
   3. Dr Ashish Jain
      1. attended the CME on “Changing Trends in Obstetric Anesthesia, Anesthesiologist and the high risk Parturient
“Organized by the Department of Anesthesiology and Intensive Care, MAMC on 16th March 2019 as panelist.
2. Attended the “Neonatal Ventilation Workshop” organized by the Department of Pediatrics, AIIMS New Delhi at CMETAIIMS, New Delhi on 28th March 2019 as Lead Instructor.
3. Attended the Neonatology Update, CME cum Workshop “Optimizing Neonatal Outcomes” organized by, Department of Neonatology, Sir Ganga Ram Hospital on 29th and 30th March 2019. New Delhi as Invited Faculty.
4. Attended the “Many Birth Defects, one Voice, Birth Defects -From Count to Care” organized by Division of Genetics and Neonatology, Department of Pediatrics, AIIMS, New Delhi on 20th April 2019 as invited expert panelist.
5. Attended the “Update on Prenatal & Newborn Screening” organized by the Department of Pediatrics and Department of Obstetrics and Gynecology, Maulana Azad Medical College, under the aegis of Department of Biotechnology and in association with AOGD on 4th May 2019 at MAMC as expert Panelist.
6. Attended the “7th Neonatal and Pediatric Ventilation Workshop” organized by BLK Center for Child Health and IAP Central Delhi Branch at Jaypee Siddharth Hotel, New Delhi on 18 and 19th May 2019 as Lead Instructor.
7. Attended the “Non-Invasive Ventilation Workshop” organized by NNF and UNICEF at Swami Dayanand Hospital, New Delhi on 25th May 2019 as lead Instructor.
8. Attended the “CME in Neonatology” organized by Ekta Institute at Babylon Hotel, Raipur on 26th May 2019 as lead Instructor.
9. Attended the “7th Workshop on “Clinical Evaluation in Pediatric Neurology” organized by the Department of Pediatrics, Lady Hardinge Medical College, New Delhi on 3rd and 4th April 2019 as a invited faculty.
10. Attended the 1st East Zone NEOCON & 23rd Annual Conference of Neonatology Society of West Bengal held from 6th to 8th September 2019 at Biswa Bangla Convention Centre Newtown Kolkata (WB) as Invited faculty.
11. Attended the 1st West Zone NEOCON 2019 organized by IAP Rajasthan and NNF Rajasthan held from 4th to 6th October 2019 at Hotel Clarke’s Amer, Jaipur (Rajasthan) as Invited Faculty.
12. Attended Training of Trainers (TOT) CPAP Workshop in Central Zone NEOCON 2019 & Annual Convention of UP State NNF organized by Bareilly Branch (UP) held on 19th October 2019 at IMA Hall, Bareilly (UP) as lead Instructor.

Visitors: A Guest Lecture on “Assessment and Intervention in the High Risk Neonate in NICU and Following Discharge-Feeding Assessment and Interventions in Difficult Preterm Feeders” was arranged by Department of Neonatology, MAMC, New Delhi and delivered by Dr Bobby Pineda, Assistant Professor Occupational Therapy and Pediatrics at Washington University School of Medicine, St Louis, USA.

Significant Events (Honors to Faculty):
   i. Dr. S. Ramji was appointed Senior Advisor (OSD), Board of Governors of Medical Council of India.
   ii. Dr. S. Ramji delivered the Kerala University of Health Sciences Oration at Trissur.
   iii. Dr Ashish Jain was awarded FNNF (Fellow National Neonatology Forum) at the 39th Annual Convention of National Neonatology Forum (NNF) at Hyderabad (Telangana) held on 13th to 15th December 2019.

Representation on expert Committee/Bodies:
   1. Dr Ajay Kumar Carried out Medical Council of India Inspection for Assessment of the Physical and other Teaching Facilities for recognition of 01 seat in the Course DM Neonatology at Rangaraya Medical College, Kakinada, AP on 08 August 2019.
   2. Dr Ajay Kumar Member of the Committee of Courses & Studies in Neonatology (D.M. Neonatology), Faculty of Medical Sciences, University of Delhi, Delhi. Year 2015-2019.
   3. Dr Ajay Kumar Member Departmental Research Committee, Pediatrics, Faculty of Medical Sciences, University of Delhi, Delhi, 2019.
   5. Dr Ajay Kumar Expert Member-Faculty Selection Committee, for the selection of Professor, Associate & Assistant Professors Neonatology, SSPH & PGTI, NOIDA, on 26 May, 2019.
   6. Dr. S. Ramji is Member, Standing Selection Committee, AIIMS, Mangalagiri (AP).
   7. Dr. S. Ramji is Member of the Governing Body, AIIMS, Rae Bareilly, UP.
8. Dr. S. Ramji is Member, Health Technology Assessment Board of India, DHR, GOI.
9. Dr. S. Ramji is Chairman, Technical Advisory Group (Maternal, Newborn and Child Health), Department of Biotechnology, Ministry of Science & Technology, GOI.
10. Dr. S. Ramji is the chair of the DSMB of the ICMR sponsored multi-centric study entitled "Comparison of the efficacy of a 7-day versus a 14-day course of intravenous antibiotics in the treatment of uncomplicated neonatal bacterial sepsis: a randomized controlled non-inferiority trial".
11. Dr. S. Ramji is a DSMB member of the WHO multi-country ACTIONS trial and i-KMC trial.
12. Dr. S. Ramji is a member of the ICMR Technical Advisory Group for Child Health.
13. Dr. S. Ramji is the Executive Editor of Indian Pediatrics (the official Journal of the Indian Academy of Pediatrics).
14. Dr. Ashish Jain was appointed as a Specialty expert by the NBE for the DNB (Neonatology) appraisal at the Fernandez Hospital, Hyderabad (Telangana) on 21st Jan 2019.
15. Dr Ashish Jain was invited as a Co-opted Expert for the Health Technology Assessment in India (HTAIn) Committee for the evaluation of the “Diagnostic Validation and Health Technology Assessment of Sohum Neonatal Screening Device on 26th August 2019 by Department of Health research, Government of India.
16. Dr. Ashish Jain was nominated as a member of the Technical Advisory Committee on ICMR’s Task Force Entitled “Classification of Indian Pregnancies as late preterm, term and post term based on adverse perinatal outcome as function of gestational age/ gestational length while adjusting the confounders (28th August 2019).
17. Dr Ashish was invited as an expert for the Consultative Meeting for ‘FBNC Training Package’ and National Operational Guidelines organized by National Collaborative Centre for Facility Based Newborn Care (KSCH & Lady Hardinge Medical College) under the aegis of Child Health Division MoHFW, supported by WHO-CO Delhi on 6-7th December 2019, New Delhi.
18. Dr Ashish Jain Member Editorial Board (Section Editor) Indian Pediatrics, a publication by Indian Academy of Pediatrics, PubMed Indexed (2019-2020).

14. Health Services to the Community:
   Health Centre activities/ camps/ drives/ national programme etc.
   I. Dr Ashish Jain Facilitated 1st Session on implementation of “facility -team-driven approach in improving the quality of care in the Special Newborn Care Unit in Shivamogga” from 11th to 12th May 2019 organized by the AIIMS, New Delhi.

15. Lab Data:
   a) Name of the Lab
   b) Name and number of the test performed
   c) Percentage of growth compared to last year.

17. Any other worth mentioning information.
   i."NNF Gold Medal Award at the 39th Annual Convention of National Neonatology Forum (NNF) at Hyderabad on December 2019 for the research paper “Preterm Birth Syndromes: Phenotypes and their association with neonatal outcomes” (Somalika Pal, Ashish Jain, S Ramji)
OBSTETRICS AND GYNAECOLOGY

Name of the Head of Department: Dr. Asmita M Rathore

1. Name of Faculty

<table>
<thead>
<tr>
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<th>Name of Faculty</th>
<th>Designation</th>
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<tr>
<td>1</td>
<td>Dr. Sudha Prasad</td>
<td>Director Professor</td>
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<tr>
<td>2</td>
<td>Dr. Gauri Gandhi</td>
<td>Director Professor</td>
</tr>
<tr>
<td>3</td>
<td>Dr. Anjali Tempe</td>
<td>Director Professor</td>
</tr>
<tr>
<td>4</td>
<td>Dr. Asmita Rathore</td>
<td>Director Professor&amp;Head</td>
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<tr>
<td>5</td>
<td>Dr. Ashok Kumar</td>
<td>Director Professor</td>
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<tr>
<td>6</td>
<td>Dr. Y.M. Mala</td>
<td>Director Professor</td>
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<tr>
<td>7</td>
<td>Dr. Deepti Goswami</td>
<td>Director Professor</td>
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<td>8</td>
<td>Dr. Sangeeta Gupta</td>
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<td>9</td>
<td>Dr. Latika Sahu</td>
<td>Director Professor</td>
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<td>10</td>
<td>Dr. Krishna Agarwal</td>
<td>Professor</td>
</tr>
<tr>
<td>11</td>
<td>Dr. Madhavi Gupta</td>
<td>Professor</td>
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<td>12</td>
<td>Dr. Devender Kumar</td>
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<td>13</td>
<td>Dr. Renu Tanwar</td>
<td>Professor</td>
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<td>14</td>
<td>Dr. Shakun Tyagi</td>
<td>Associate Professor</td>
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<tr>
<td>15</td>
<td>Dr. Preeti Singh</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>16</td>
<td>Dr. Nilanchali Singh</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>17</td>
<td>Dr. Niharika Dhiman</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>18</td>
<td>Dr. Poonam Kashyap</td>
<td>Assistant Professor</td>
</tr>
</tbody>
</table>

2. Members who have left during the period- Dr. M. Tanuja- Resigned., Dr. Sudha Prasad. Superannuated on 30th Sept.

3. Research Scheme.

(b). Thesis completed during current year-(submitted in April 2019)

<table>
<thead>
<tr>
<th>S. no</th>
<th>Title of the thesis</th>
<th>Supervisor</th>
<th>Investigator</th>
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<tbody>
<tr>
<td>1</td>
<td>Relationship of demographic, hormonal and Ultrasonography predictors in young women with poor ovarian reserve undergoing In Vitro fertilization/ Intracytoplasmic sperm injection cycles</td>
<td>Dr. Sudha Prasad</td>
<td>Dr. Nupur Niharika</td>
</tr>
<tr>
<td>2</td>
<td>DNA fragmentation index in normospermic males with tubal infertility in female partner undergoing in vitro fertilization cycles.</td>
<td>Dr. Sudha Prasad</td>
<td>Dr. Priyanka Nandini</td>
</tr>
<tr>
<td>3</td>
<td>Comparison of dinoprostone intracervical gel and dinoprostone controlled release vaginal pessary for Pre induction cervical ripening and induction of labor at term</td>
<td>Dr. Anjali Tempe</td>
<td>Dr. Sonia</td>
</tr>
<tr>
<td>4</td>
<td>Comparison of letrozole n gonadotropin with gonadotropin only in IVF</td>
<td>Dr. Anjali Tempe</td>
<td>Dr. Divya Gaur</td>
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<td>5</td>
<td>Comparison of Hpv 16/18 genotyping with p16/ki67 dual staining to detect high grade lesion in low grade smears</td>
<td>Dr. Gauri Gandhi</td>
<td>Dr. Saloni Chaddha</td>
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<td>6</td>
<td>Prediction of chorioamnionitis and early onset neonatal infection in prom using biomarkers IL6 and CRP</td>
<td>Dr. Asmita Rathore</td>
<td>Dr. Pratibha</td>
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<td>7</td>
<td>To study the association of clinical and biochemical parameters affecting acute liver failure due to hepatitis E in pregnancy-</td>
<td>Dr. Ashok Kumar</td>
<td>Dr. Divya K. V.</td>
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<td>8</td>
<td>Association of sexually transmitted infections and tuberculosis in ectopic pregnancy</td>
<td>Dr. Y.M. Mala</td>
<td>Dr. Manan Kumar</td>
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<td>9</td>
<td>Study of bone health in women with premature ovarian insufficiency</td>
<td>Dr. Deepti Goswami</td>
<td>Dr. Mrinalini Dhakate</td>
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</table>
10. The effect of chorionic villus sampling on placental perfusion by measuring in uterine artery pulsatility index between first and second trimester of pregnancy. Dr. Sangeeta Gupta Dr. Aparajita Ranjan

11. Comparison of four models to predict risk of malignancy in ovarian tumor Dr. Latika Sahu Dr. Reetu Yadav

12. Association of sleep disorders with pregnancy outcome Dr. Madhavi Gupta Dr. Ullas Kumari

13. Expectant management of small for gestational age babies Dr. Krishna Agarwal Dr. Sneha Mishra

14. Study of myocardial performance index in iugr fetuses 28-37 weeks Dr. Devender Dr. Kaarthiga

15. To compare Dydrogesterone – Human menopausal gonadotropin protocol with the antagonist protocol in combination with Frozen-Thaw Embryo Transfer in In Vitro Fertilization cycle Dr. Renu Tanwar Dr. Nuzhat Zaman

16. Cerebroplacental and cerebrouterine ratio in late fetal growth restriction Dr. Shakun Tyagi Dr. Ishita Agarwal

4. Trainee from other agencies- FNB -NBE - FNB - Reproductive Medicine (2 Fellows) High Risk Pregnancy & Perinatology (2 Fellows)

5. Training course/conferences/Workshops organized by dept of Obgy

Workshops
1. CME on Infertility and reproductive endocrinology on 10/02/2019 organized by Dr. Anjali Tempe
2. CME on endoscopy 09/02/2019. Endoscopy workshop 5th May and 6th Sept, 2018 organized by Dr. Anjali Tempe.
3. 4th Maternal Fetal Medicine workshop on Cardiotocography- Basics and its Nuances.02/03/19
4. Update on Ovarian Tumors.23/03/2019
5. 41st Annual Conference AOGD 2019 Pre- Conference Workshop - Medicolegal Concerns in Obstetrics and Gynaecology, 27th September, 2019
6. TWENTY-SECOND PRACTICAL COURSE & CME IN OBSTETRICS AND GYNAECOLOGY 11th – 13th October 2019
7. 5th MFM Workshop ,pregnancy with heart disease 21/12/2019; organized by department of obstetrics and Gynaecology in collaboration with department of Cardiology , GB Pant institute of Post graduate medical education and research.
8. Senior Resident Orientation Programme have conducted on6th April (Saturday) 2019& Second SR Orientation Programme on 17.08.2019.

Publications:

A) JOURNAL PUBLICATIONS

Publications (abstracts)

8. Books/ Chapters:
2. Book on “Case discussions in Obstetrics and Gynecology”, by Dr YM Mala, Dr Madhavi Gupta, and Dr Asmita Rathore released in the 22nd PG Practical course .
Chapters:

9. Conferences /Workshop/ symposiums attended:
Dr Ashok Kumar, Director Professor
9. Conferences Attended
Invited Lectures in the conferences
• Kumar A. “Obstetric hysterectomy “Out with it”. PPH Workshop in 62nd All India Congress of Obstetrics and Gynaecology (AICOG); 8th - 12th January 2019, Bengaluru, Karnataka.
• Kumar A. National Faculty – Postpartum Collapse. 2nd National Postgraduate Meet & Wrokshop on Emergency Medicine Care 2019 organized by Academy of Medical Evaluators and Interpreters, Sri Guru Ram Das University of Health Sciences Sri Amritsar, 15th-16th February, 2019. Amritsar, Punjab.
• Kumar A. National Faculty - Case Discussion; FORCE 2019 Ahmedabad –Postgraduate CME Programme; 23rd -24th February, 2019, Ahmadabad.
• Kumar A. National Faculty - Case Discussion; BOGSI Examinees’ special Teaching (BEST) Course organized by Bengal Obstetric & Gynecological Society, 1- 3 March, 2019. Kolkata.
• Kumar A. Faculty: FOGSI FORCE Rajdhani 2019 –Postgraduate CME Programme; 26th -27th March 2019. Delhi
• Kumar A. Decreasing Primary Cesarean Rates and Art of VBAC. Annual Conference Nabha Obstetrics and Gynecological Society, 28 April 2019. Patiala, Punjab
• Kumar A. Key Note address: Obstetric Triage- the Key to Safety. FOGSI-TAIIOG – Conference on Technology, Advances, Infections in Obstetrics & Gynecology. 21-23 June, 2019. Hyderabad, Telangana.
• Kumar A. Key Note Address on ‘Porro’s Operation- Caesarean Hysterectomy’ in Noida Obstetrics and Gynecological Society: 19th Annual Conference held on 21st July, 2019. Noida
• Panelist in YOUTH FORUM on ‘Menstrual Hygiene and sustainable practices’. YOUTHCON 2019: CME cum WORKSHOP on Adolescent Health and Menstrual Hygiene, School of Medical Sciences & Research, Sharda University. 27th July, 2019. Greater NOIDA.
• Kumar A. Fulminant Hepatic Failure in Pregnancy - Diagnostic Approach” National Workshop: Viral Hepatitis in Pregnancy: ‘Unravelling the Mystery’ conducted under project PRAKASH; an entity of Institute of Liver and Biliary Sciences, which aims to train the existing health care task force in combating viral hepatitis in the country on 27th July, 2019. New Delhi
• Kumar A. Progesterone in prevention of Preterm labor. CME organized by Bhiwani Obstetetrics and Gynecological Society. 21st August, 2019. Bhiwani
• Member of Panel Discussion on “Polycystic Ovarian disease” Aarogya Mahila - Women’s Health and Empowerment Summit 2019, organized by FOGSI on 28th – 29th August 2019. New Delhi.
• Member of Panel Discussion on “Management of Recurrent Pregnancy Loss: Newer Trends” 33rd Annual Conference of All India Coordinating Committee Royal College of Obstetricians and Gynecologists - AICC RCOG, 5-8th September,2019. Kolkata
• Member of Panel Discussion on “Clinical Dilemmas in Endometriosis” in Pre-congress Video Workshop – Endometriosis organized by the AOGD Endometriosis Committee at41st annual Conference of Association of Obstetricians and Gynecologists of Delhi on 27 September 2019. New Delhi.
• Kumar A: Case Discussion – Heart Disease in Pregnancy. 22nd Practical Course & CME, Obstetrics & Gynaecology; 11-13h, October, 2019. Maulana Azad Medical College, DELHI
• Moderator of Panel Discussion on “Hyperglycemia in Pregnancy” CME organized by Gurgaon Obstetrics & Gynecological Society on 31 October 2019. Gurugram.
• Kumar A. HAPO-Follow up Study-Long Term implications of GDM. CME on “Diabetes in Pregnancy” by Department of Obstetrics & Gynaecology, Lady Hardinge Medical College & Smt. Sucheta Kriplani Hospital, 15 November, 2019 to celebrate World Diabetes Day.
• Member of Panel Discussion on “Fetal Growth Restriction” CME on Obstetrics Emergencies under Safe Motherhood Committee, Association of Obstetricians and Gynecologists of Delhi on 16th November 2019. New Delhi.
• Moderator of Panel Discussion on “Pregnancy with Rheumatic Heart Disease” 5th Maternal Fetal Medicine Workshop organized by Maulana Azad Medical College, on 21st December 2019. New Delhi.

Chairperson in the conferences
• Chairperson for Obstetric session; Dr C G Saraiya CME in 62nd All India Congress of Obstetrics and Gynaecology (AICOG); 8th - 12th January 2019, Bengaluru, Karnataka.
• Chairperson for FOGSI Medical Education Committee Workshop in 62nd All India Congress of Obstetrics and Gynaecology (AICOG); 8th - 12th January 2019, Bengaluru, Karnataka.
• Chairperson for session on “Ideal Labor Room Principles” in North Zone Yuva FOGSI Conference 2019; 1st – 3rd February 2019, Noida, Uttar Pardesh.
• Chairperson for Session in ‘Live Endoscopy Workshop 2019’ by Department of Obstetrics & Gynaecology, Maulana Azad Medical College & Lok Nayak Hospital under aegis of Endoscopic Committee of AOGD. 7th February 2019. Delhi
• Chairperson for Session in ‘CME on Infertility (IVF and Reproductive Medicine Update-2019)’ by Department of Obstetrics & Gynaecology, Maulana Azad Medical College & Lok Nayak Hospital. 10th February 2019. Delhi
• Chairperson for Session in 4th Maternal Fetal Medicine Workshop-Cardiotocography-Basics and its Nuances’ by Department of Obstetrics & Gynaecology, Maulana Azad Medical College & Lok Nayak Hospital. 2nd March, 2019. Delhi
• Chairperson for Session in ‘Update on Ovarian Tumours’ by Department of Obstetrics & Gynaecology, Maulana Azad Medical College & Lok Nayak Hospital. 23rd March, 2019. Delhi
• Chairperson for Keynote address on 'Prevention and Guidelines of Unwarranted Hysterectomies ’ 19th Annual Conference of Noida Obstetrics & Gynecological Society, 21st July 2019. Noida
• MENTORS in YOUTH FORUM to guide all the adolescents on Menstrual Hygiene and sustainable practices. YOUTHCON 2019: CME cum WORKSHOP on Adolescent Health and Menstrual Hygiene, School of Medical Sciences & Research, Sharda University. 27th July, 2019. Greater NOIDA.
• Chairperson for “Progesterones in Miscarriage” at 33rd Annual Conference of All India Coordinating Committee Royal College of Obstetricians and Gynecologists - AICC RCOG, 5-8th September,2019. Kolkata
• Judge for eposters for Gynecology Prize at 33rd Annual Conference of All India Coordinating Committee Royal College of Obstetricians and Gynecologists - AICC RCOG, 5-8th September,2019. Kolkata
• Chairperson in Pre-congress Endoscopy Live Workshop for Session - Operative Hysteroscopy, organised by the

- Chairperson for Key Note Address in Fem-Aesthetic on – Conference on Aesthetic Gynecology 2019.8-10 November, 2019. Gurugram

10. Visitors – SIM Black Travelling Fellowship:- Professor, Alifirevic Zarko (theme - Small Baby)

11. Significant events (Honours to Faculty)

1. Dr Ashok Kumar, Director Professor-
2. Delhi Medical Association (DMA) : Dr GB Jain Pawan Kumar Oration Award on the occasion of 61st Annual Delhi State Medical Conference on 24 March 2019 at New Delhi
3. Dr. Stya Paul Award 2019 for Excellence in “High Risk Pregnancy Management”.
4. Dr. Mala Director Professor conferred with “State Award” for meritorious services in the field on health by the honorable Health Minister.

12. Representation on Expert committee/Bodies-
Dr Ashok Kumar, Director Professor-

- Vice President of the Association of Obstetricians & Gynaecologists of Delhi (FOGSI) ; 2019 - 2020. DELHI
- Member of Editorial Board of Archives of Gynecology and Obstetrics, Impact Factor of 2.090 (IF 2016), indexed in "PubMed/Medline" and "Science Citation Index Expanded/Journal Citation Report", from June 2018 onwards.
- Member of Editorial Board of Indian Journal of Medical Research, Impact Factor of 1.508; 2017 Journal Citation Reports (Clarivate Analytics, 2018): indexed in "Index Copernicus, Index Medicus for South-East Asia Region, MEDLINE/Index Medicus, PubMed Central," from July 2018 onwards.
- Member of Departmental Research Committee of the Department of Obstt. & Gyane, Faculty of Medical Sciences, University of Delhi regarding PhD admission, 27th August, 2019 at Faculty of Medical Sciences, University of Delhi, Delhi.
- Subject Expert for Standing Selection Committee for Faculty posts at North Eastern Indira GandhiRegional Institute of Health & Medical Sciences (NEIGRIHMS) Shillong, Meghalaya. 4th October, 2019.
- Subject Expert for Standing Selection Committee at Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER) for selection to regular faculty posts (Professor and Assistant Professor). Puducherry. October 21, 2019.

14. Lab data - 350 (around cycles)
IVF & Reproductive Biology Centre, Department of obstetrics and Gynecology. IVF cycles around including FET.
1. Name of the Head of Department: Dr. Sushil Kumar

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Name of faculty</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Dr. Sushil Kumar</td>
<td>Director Professor &amp; HOD</td>
</tr>
<tr>
<td>2.</td>
<td>Dr. Kamlesh</td>
<td>Director Professor</td>
</tr>
<tr>
<td>3.</td>
<td>Dr. P.K. Pandey</td>
<td>Director Professor</td>
</tr>
<tr>
<td>4.</td>
<td>Dr. J.L. Goyal</td>
<td>Director Professor</td>
</tr>
<tr>
<td>5.</td>
<td>Dr. Ritu Arora</td>
<td>Director Professor</td>
</tr>
<tr>
<td>6.</td>
<td>Dr. Anju Rastogi</td>
<td>Director Professor</td>
</tr>
<tr>
<td>7.</td>
<td>Dr. Usha Kaul Raina</td>
<td>Director Professor</td>
</tr>
<tr>
<td>8.</td>
<td>Dr. Kirti Singh</td>
<td>Director Professor</td>
</tr>
<tr>
<td>9.</td>
<td>Dr. Meenakshi Thakar</td>
<td>Director Professor</td>
</tr>
<tr>
<td>10.</td>
<td>Dr. Subhash Dadeya</td>
<td>Director Professor</td>
</tr>
<tr>
<td>11.</td>
<td>Dr. Ruchi Goel</td>
<td>Professor</td>
</tr>
<tr>
<td>12.</td>
<td>Dr. Punita K. Sodhi</td>
<td>Professor</td>
</tr>
<tr>
<td>13.</td>
<td>Dr. Paromita Dutta</td>
<td>Asstt. Professor</td>
</tr>
<tr>
<td>14.</td>
<td>Dr. Parul Jain</td>
<td>Asstt. Professor</td>
</tr>
</tbody>
</table>

2. Research Scheme:

**Dr Sushil Kumar and Dr Ruchi Goel**

*Thesis submitted*
- Surgical outcome of small osteotomy versus conventional osteotomy in external dacryocystorhinostomy.
- Role of Dynamic contrast enhanced imaging and diffusion weighted imaging in evaluation of orbital masses.

*Ongoing thesis*
- Changes in retrobulbar haemodynamics following orbital decompression surgery in thyroid eye disease cases.
- Evaluation of ptosis correction following closed posterior levator advancement.
- Comparative evaluation of DCR with retrograde bicanalicular intubation and conjunctivodacryocystorhinostomy in proximal canalicular blocks.
- Comparative evaluation of peribulbar steroid therapy and intravenous pulse steroid therapy in TED.
- Comparative evaluation of trabeculectomy in Primary open angle glaucoma and primary angle closure glaucoma.
- Assessment of ocular hemodynamics in asymmetric open angle glaucoma

**Dr. P.K. Pandey**

*Ongoing thesis:*
- Surgical outcome following lateral rectus elongation in sensory exotropia, a randomized controlled trial.

**Dr Ritu Arora**

*Thesis submitted*
Immunohistochemical study of corneal epithelial cells following autologous limbal cell transplant for chemical burns.

*Ongoing thesis*
- Evaluation of Quality of vision after deep anterior lamellar keratoplasty.
- Comparison of conventional occlusion and inverse occlusion in the treatment of amblyopia with eccentric fixation.
- Minimally invasive strabismus surgery versus fornix incision strabismus surgery.
Dr. Anju Rastogi
Ongoing thesis
- Evaluation of effect of botulinum toxin on strabismus associated with duane retraction syndrome.
- Comparative evaluation of unilateral two muscle versus bilateral three muscle surgery for large angle horizontal strabismus.
- Comparison of optical biometry and conventional acoustic biometry in the axial length measurement in silicone oil filled eyes.
- Comparative evaluation of four IOL Power formulae in children.
- Comparative study of bilateral versus unilateral strabismus surgery in the management of lateral incomitance in intermittent exotropia.

Dr J L Goyal
Ongoing
Comparative evaluation of efficacy of autologous serum and artificial tears in persistent corneal epithelial defects.

Dr Kirti Singh
Submitted
- Clinical outcome of phacoemulsification in visually significant cataract in angle closure glaucoma.
Ongoing thesis
- Comparative evaluation of trabeculectomy in Primary open angle glaucoma and primary angle closure glaucoma.
- Surgical outcome following lateral rectus elongation in sensory exotropia, a randomized controlled trial.
- Assessment of ocular hemodynamics in asymmetric open angle glaucoma

Dr Usha Raina
Submitted
- Comparative study of sutured versus sutureless sclera fixated IOLs.
Ongoing Thesis
- Comparative evaluation of topical cyclosporine and topical interferon alpha 2B as an adjunct to limbal conjunctival autograft in pterygium surgery

Dr Kamlesh
Submitted
- Surgical outcomes of plication vs resection in intermittent exotropia- a comparative study.
Ongoing thesis:
- Evaluation of effect of botulinum toxin on strabismus associated with duane retraction syndrome.
- Comparative evaluation of unilateral two muscle versus bilateral three muscle surgery for large angle horizontal strabismus.
- Comparative evaluation of four IOL Power formulae in children.
- Comparative study of bilateral versus unilateral strabismus surgery in the management of lateral incomitance in intermittent exotropia.

Dr Meenakshi Thakar
Ongoing
- Analysis of foveal avascular zone using spectral domain optical coherence tomography angiography in healthy Indian eyes.
- Comparison of optical biometry and conventional acoustic biometry in the axial length measurement in silicone oil filled eyes.

Dr Subhash Dadeya
Ongoing
1. Roll of low dose atropine in preventing myopia progression
2. Miss v/s fornix based conjunctival incision in squint surgery
3. Inverse occlusion v/s occlusion in treatment of amblyopia with eccentric fixation
4. Evaluation of Quality of vision after deep anterior lamellar keratoplasty.
5. Comparison of conventional occlusion and inverse occlusion in the treatment of amblyopia with eccentric fixation.
Dr Punita Sodhi

Ongoing
- Evaluation of the effect of panretinal photocoagulation in diabetic retinopathy using optical coherence tomography angiography.
- Evaluation of OCT parameters following sclera buckling surgery in primary rhegmatogenous retinal detachment.

Dr. Ruchi Goel:-

Publications (state level)  NIL

Ongoing thesis
- Comparative evaluation of topical cyclosporine and topical interferon alpha 2B as an adjunct to limbal conjunctival autograft in pterygium surgery

3. Conference Attended by:
   Dr. Subhash Dadeya
   2. DOS conference at Hotel Ashoka in April, 2019.
   4. SPOSi conference at Chennai in December, 2019.
   5. AAPOS conference at Sydney in November, 2019.
   7. UPSOS conference at Lucknow in December, 2019.

Dr Ruchi Goel
2. 30th Annual Conference of OPAI 6th to 8th September 2019, Guwahati.

4. Significant Events (Honors to Faculty)
   Dr. Subhash Dadeya
   - Elected vice president of Delhi Ophthalmic Society
   - FAICO(Oculoplasty) awarded at 77th All India Ophthalmological Conference, 2019 Indore.
   - Co author of free paper titled ‘Role of Dynamic contrast magnetic resonance enhanced imaging in slow flow vascular malformations of the orbit’. Third prize in Delhi imaging update 2019 on 16-17 Feb 2019.
   - Co author of Best free paper award under oculoplasty and oncology session for paper titled ‘Orbital Castleman’s disease – a great mimic’ presented at Winter DOS 2019.
   - Co author of Best free paper award under oculoplasty and oncology session for paper titled ‘Comparative evaluation of Surgical outcome of small osteotomy verusconventional osteotomy inexternal dacryocystorhinostomy ‘ presented at Winter DOS 2019.
5. **Lab Data:**
   a) **Name of the Lab: Pathology**
   b) **Name and no. of the test perform during the year:**

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<th>S.No.</th>
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<th>Total Number of Test</th>
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**Total - 65,512**

17. **New facility added (if any):** Hospital Cornea Retrieval
ORTHOPAEDICS

1. Name of the Head of the Department : Dir-Prof Dr. Vinod Kumar

<table>
<thead>
<tr>
<th>S.No</th>
<th>Name of Faculty</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dr. Ajay Gupta</td>
<td>Director-Professor</td>
</tr>
<tr>
<td>2</td>
<td>Dr. V.K. Gautam</td>
<td>Director-Professor</td>
</tr>
<tr>
<td>3</td>
<td>Dr. Manoj Kumar</td>
<td>Director-Professor</td>
</tr>
<tr>
<td>4</td>
<td>Dr. Vinod Kumar</td>
<td>Director-Professor</td>
</tr>
<tr>
<td>5</td>
<td>Dr. Sumit Sural</td>
<td>Director-Professor</td>
</tr>
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<td>6</td>
<td>Dr. Lalit Maini</td>
<td>Director-Professor</td>
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<tr>
<td>7</td>
<td>Dr. Abhishek Kashyap</td>
<td>Professor</td>
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<tr>
<td>8</td>
<td>Dr. Sumit Arora</td>
<td>Associate Professor</td>
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<td>9</td>
<td>Dr. Dhananjay Sabat</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>10</td>
<td>Dr. Vineet Dabas</td>
<td>Associate Professor</td>
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<td>Dr. Ved Pal Yadav</td>
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<td>12</td>
<td>Dr. Tarun Suri</td>
<td>Associate Professor</td>
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<tr>
<td>13</td>
<td>Dr. Pritish Singh</td>
<td>Associate Professor</td>
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<tr>
<td>14</td>
<td>Dr. Satish Sharma</td>
<td>CMO SAG</td>
</tr>
<tr>
<td>15</td>
<td>Dr. Ajay Bahl</td>
<td>CMO SAG</td>
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</table>

2. Members who have left during the period :
   Dr. Anil Dhal, Director Professor

3. Additions to the faculty during the period :
   Dr. Satish Sharma, CMO SAG
   Dr. Ajay Bahl, CMO SAG

4. Research Scheme

Dr. Vinod Kumar
   i. Prospective study to evaluate Clinicoradiological outcome of arthroscopic all inside double Bundle Acl reconstruction using autogenous semitendinosus graft using TRI- LINK technique
   ii. Prospective study for Comparative evaluation of interlaminar endoscopic discectomy and open discectomy for lumbar disc herniation
   iii. Clinico-Radiological Outcomes of Arthroscopic All Inside Anterior Cruciate Ligament
   iv. Reconstruction By Single Tibial And Double Femoral Socket Technique Using Autogenous Semitendinosus Graft
   v. Clinicoradiological evaluation of Arthroscopic PCL reconstruction using autogenous Peroneus Longus graft by all inside technique.
   vi. Evaluation of accuracy of software guided external fixator in bony alignment of long bone deformities of lower limb

Dr. Lalit Maini :
   i. Evaluation of 3 D planning in surgical management of bone tumors
   ii. Evaluation of pedicle screw placement using a patient specific 3 D printed jig
   iii. Evaluation of computer aided quadrilateral plate fixation for acetabular fracture using Stoppa approach
   iv. Morphological analysis of femoral head and its co relation with clinic- Radiological presentation in Osteonecrosis of Hip

Dr. Sumit Sural :
   i. Comparative study of outcome of hip fractures treated with and without platelet rich fibrin.
   ii. Comparative Assessment Of Different Scoring Systems Of Degenerative Lumbar Spinal Stenosis And Their Correlation With Radiological Parameters.
   iii. Evaluation of follow up patients of spinal tuberculosis who have completed 9-12 months of antitubercular therapy – a descriptive study.
iv. Comparative Study between Standard Betadine dressing and PRF soaked dressing in open tibia fracture and also to assess the effectiveness of PRF in fracture healing.

**Dr. Vineet Dabas:**

i. To evaluate the efficacy of daily vitamin D therapy versus stoss therapy in nutritional in Indian children a randomized controlled trial (Jan 2018).

ii. A Randomized Double Blind Controlled Trial to Investigate the Effects of Vitamin D fortified milk on calcium-vitamin D-parathyroid hormone axis in school children, aged 10-14 years (Aug 2019).

**Details of thesis completed during current year.**

<table>
<thead>
<tr>
<th>S.No</th>
<th>Name of Faculty</th>
<th>Title of Thesis</th>
</tr>
</thead>
</table>
| 1.   | Dr. Anil Dhal  | i. Evaluation of outcome of end to end nerve repair with or without amniotic membrane – a comparative study  
      |                 | ii. A comparative study for evaluation of outcomes of end to end tendon repair with or without amniotic membrane |
| 2.   | Dr. Ajay Gupta | i. To study surgical outcome of the endoscopic decompression in patients with lumbar spinal stenosis and its correlation with the severity of stenosis and symptoms  
      |                 | ii. Evaluation of screw placement in percutaneous fixation of acute scaphoid fractures using distal dorso-radial entry point |
| 3.   | Dr. V.K. Gautam| i. Comparative evaluation of acetabularenteversion angle in total hip arthroplasty on AP radiograph versus CT Scan  
      |                 | ii. Clinico-radiological outcomes after lateral opening wedge osteotomy in genu valgum |
| 4.   | Supervisor: Dr. Manoj Kumar  
      | Co-Supervisor: Dr. Sumit Arora | i. Evaluation of proximal fibular osteotomy in medial compartment varus osteoarthritis of knee  
      |                 | ii. A comparative study on antibiotic prophylaxis versus non-antibiotic prophylaxis for prevention of surgical site infections in surgeries for fractures around hip |
| 5.   | Dr. Vinod Kumar | i. Clinico-radiological outcomes of All inside ACL reconstruction using small length bony sockets.  
      |                 | ii. Prospective study to evaluate clinicoradiological outcomes of arthroscopic labral repair in anterior labral tear using all suture anchor.  
      |                 | iii. Co-Guide :  
      |                 | iv. Prospective study on Role of ultrasonography in evaluation of various soft tissue abnormalities causing elbow pain |
| 6.   | Supervisor: Dr. Sumit Sural  
      | Co-Supervisor: Dr. Sumit Sural MD Radiology Master in Prosthetics and Orthotics (DDUIPH, Delhi Univ.) | i) Co-relation study between clinidemographic profile and bacterial drug resistance in musculoskeletal tuberculosis  
      |                 | ii) Comparative study of instrumented anterolateral versus transpedicular decompression in spinal tuberculosis  
      |                 | i. High Resolution 3 Tesla MRI in the evaluation of wrist pain.  
      |                 | ii. Virtual Prototyping of an Improvised Mechanical Ankle Joint to be used in Polypropylene Orthosis: A Pilot Study. |
| 7.   | Dr. Lalit Maini | i. Evaluation of acetabular contour & its comparison with anatomical acetabular plates for fracture fixation. (Guide) Dr. Raj Kumar 2017-19  
      |                 | ii. Estimation of Anterior pelvic &acetabular plane in Indian population and it’s significance for cup placement in total hip replacement. (Guide) Dr. Abhay Meena 2017 – 19.  
      |                 | iv. A comparative study for evaluation of outcome of end to end tendon repair with or without amniotic membrane. (Co Guide) Dr. Saket Prakash 2017-19 |
5. Trainees from other agencies:
   1. Postgraduate Diploma course in Geriatric Medicine under the aegis of IGNOU, New Delhi.

6. Training courses/conferences/workshops organized:
   a. **21st MAMC PG Orthopaedics Instructional course** held at GB Pant hospital Auditorium on 25th to 28th Nov 2019. Chairperson Dr. Vinod Kumar, Organizing Secretary: Dr. Sumit Sural and Dr. Lalit Maini, Joint Organizing Secretary Dr. Abhishek Kashyap and Dr. Sumit Arora.
   b. Basic Spine Course Workshop on 10th February, 2019, Lecture theatre, 6th Floor, Orthopaedics Block, MAMC.
   d. A symposium on **Medico-Legal Seminar-2019 under aegis of Delhi Orthopaedics Association** was held on 21st September 2019 at MAMC, Delhi with Dr. Vinod Kumar as Executive Chairperson.
   e. **IFASCON- 2019 Cadaveric workshop on surgery around foot and ankle** on 29th August 2019 at MAMC, Delhi. Organizing Chairperson: Dr. Vinod Kumar Co-Organizing Secretary – Dr. Abhishek Kashyap, Dr. Dhananjay Sabat, Dr. Pritish Singh

7. Publication during the period:
   1. Ashwini Kumari, Sapna Singh, Anju Garg, Anjali Prakash, **Sumit Sural**. Tingling hand: magnetic resonance imaging of median nerve pathologies within the carpal tunnel. Pol J Radiol. 2019; 84: e484-e490.

8. Books/chapters contributed:
   1. Dr. Lalit Maini has contributed a two chapters in a book on Medical update on 3 D Printing Edited by Dr. Raju Vaishya & Dr. Lalit Maini of Publisher Salubris
   2. A Book on Medical update on 3 D Printing for practicing doctors has been edited by Dr. Raju Vaishya and Dr. Lalit Maini

9. Conferences/Workshops/Symposia attended:
   **Dr. Vinod Kumar**:
2. Attended Advanced Shoulder Arthroscopic Conclave held on 14th Dec 2019, at Hotel Royal Plaza, New Delhi.
3. Attended 40th SICOT World Orthopaedic Congress held from 4th - 7th Dec. 2019 in Muscat, Oman.
4. Attended 21st MAMC Orthopaedics PG Instructional course held on 25th to 29th Nov at GB Pant hospital, New Delhi.
5. Attended 1st SHOULDER ARTHROSCOPY COURSE held at AIIMS Rishikesh on 16th-17th Nov, 2019.
7. Attended 6th Annual conference of Indian Cartilage society in Mumbai on 1st – 2nd November, 2019
12. Attended Mid Year Conference of Delhi Orthopaedics Association on 7th July 2019 at Jamia Hamdard campus, Delhi.

Dr. Sumit Sural:

Dr. Lalit Maini:
1. The Editorial Process. 3rd JCOT IJO scientific writing course, Feb 2019
3. 3D printing Applications in Orthopaedics March 2019 Bhopal Orthopaedic Association Quarterly Meet, Bhopal
6. 3D printing in spine speciality Baroda Orthopaedic Association May 2019
7. How to generate a research question? Baroda Orthopaedic Association May 2019
11. 3D printing in planning osteotomies and deformity correction, DOA osteotomy Course, July 2019.
13. How to arrive to a research question? OJOT – IJO CME on Research Methodology, July 2019, Cuttack.
15. How to choose a journal for your manuscript? OJOT – IJO CME on Research Methodology, July 2019, Cuttack.
17. The structure of a scientific manuscript. SICOT India meet, Mumbai, September 2019
18. 3D printing applications in Orthopaedics. SICOT India meet, Mumbai, September 2019.
23. Applications of 3D printing in Orthopaedics, 17th December 2019, Pondicherry Orthopaedic Association, Monthly Meet

Dr. Pritish Singh
1. Jan 4-8, 2019, Posicon, pediatrics orthopaedics society of India, renence convention centre, Mumbai
2. DOA osteotomy symposium, June 30, 2019, hotel Vivanta, new Delhi
10. VISITORS
1. Dr. Leonid Solomin, inventor of Ortho-SUV frame, an software guided external fixator visited the department and delivered a talk of about his invention on Jan.13.2019
2. Dr. Sandeep Kohli, Orthopaedic surgeon in UK delivered talk on “Surgeon education in National Health Services” Jan.18.2019
3. Dr Vikrant Azad, Orthopaedic Surgeon USA delivered talk on “Record Keeping in Orthopaedics” on June.21.2019
4. Dr Kapil Kumar, Orthopedic Surgeon in Aberdeen, UK delivered guest lecture on “Shoulder Trauma “on Aug.2.2019

SIGNIFICANT EVENTS (Honors to Faculty)

Dr.Vinod Kumar
i. Delivered a Guest Lecture on Subscapularis tear: Managing Hidden Lesion at Advanced Shoulder Arthroscopic conclave held on 14th Dec 2019 at hotel Royal Plaza, New Delhi.
ii. Delivered a Guest Lecture on Arthroscopic Single row VS Double row rotator cuff repair (In favour of single row repair) at Advanced Shoulder Arthroscopic conclave held on 14th Dec 2019 at hotel Royal Plaza, New Delhi.
iii. Delivered a lecture on KNEE INSTABILITY CASE APPROACH at 21st MAMC PG ORTHO instructional course held at GB Pant hospital on 26th NOV 2019.
iv. Delivered a Guest lecture on PCL avulsion relive surgery held at 64th IOACON at Kolkata on 23rd Nov 2019.
v. Delivered a Guest lecture on SUBSCAPULARIS TEAR-MANAGING THE HIDDEN LESION at 1st SHOULDER ARTHROSCOPY COURSE held at AIIMS Rishikesh on 17th NOV,2019.
vi. Delivered a Guest lecture on ARTHROSCOPIC BANKART REPAIR & OPEN BONE GRAFTING at 1st SHOULDER ARTHROSCOPY COURSE held at AIIMS Rishikesh on 17th NOV, 2019.
xi. Delivered a lecture on “Neglected Multi-ligamentous Injuries Of Knee Joint” at Mid Year Conference of Delhi Orthopaedics Association on 7th July 2019 at Jamia Hamdard campus, Delhi.
 xii. Delivered a lecture on “High tibial osteotomy in knee instability” at DOA Osteotomy symposium on 30th June 2019 at Hotel Taj vivanta, Delhi.
xiii. Delivered a lecture on “Clinical examination of deformity at knee joint” at “Clinical examination of deformity at knee joint” at JOA and Sir Ganga Ram hospital post graduate teaching program-2019 on 28th June 2019 at Sir Ganga Ram hospital, Delhi.
xiv. Delivered a lecture on “Biomechanics of single vs double bundle ACL reconstruction and my indications for each” at 3rd International Conference on Clinical Spine and Orthopaedics Biomechanics on 26th April 2019 at Indian spinal injury centre, Delhi.

Chairperson during the session
1. Chaired a session as Expert panelist in session on SPORTS MEDICINE at 64TH IOACON held at Kolkata on 23rd Nov 2019.
2. Chaired a session as Expert panelist in session on SYMPOSIUM REMNANT PRESERVING ACL & PCL –PROS &CONS at 64TH IOACON held at Kolkata on 23rd Nov 2019.
9. Chaired a session on Neglected multiligamentous injuries of knee joint at Mid Year Conference of Delhi Orthopaedics Association on 7th July 2019 at Jamia Hamdard campus, Delhi.
10. Chaired a session on long cases hip – discussion at IOA and Sir Ganga Ram hospital post graduate teaching program-2019 on 28th June, 2019 at Sir Ganga Ram hospital, New Delhi.
11. Chaired a session on knee cases discussion at IOA and Sir Ganga Ram hospital post graduate teaching program-2019 on 28th June, 2019 at Sir Ganga Ram hospital, New Delhi.
12. Chaired a session on short cases discussion at IOA and Sir Ganga Ram hospital post graduate teaching program-2019 on 28th June, 2019 at Sir Ganga Ram hospital, New Delhi.
13. Chaired a session on foot and ankle case discussion at IOA and Sir Ganga Ram hospital post graduate teaching program-2019 on 28th June, 2019 at Sir Ganga Ram hospital, New Delhi.

Expert Panelist
1) Chaired as Expert Panelist on Difficult Shoulder cases at Advanced Shoulder Arthroscopic conclave held on 14th Dec 2019 at hotel Royal Plaza, New Delhi.
2) Chaired as Expert panelist on SHOULDER INSTABILITY CASE BASED DISCUSSION at 64th IOACON held at Kolkata on 23rd Nov.
3) Chaired a session as Expert panellist in session on “Difficult knee cases” at DOA Osteotomy symposium on 30th June 2019 at Hotel Taj Vivanta, Delhi
4) Chaired a session as Expert panellist in session on Failure in ACL Reconstruction at 3rd International Conference on Clinical Spine and Orthopaedics Biomechanics on 26th April 2019 at Indian spinal injury centre, Delhi

Master technique surgical demonstration
1. Moderated Live surgery on Shoulder Arthroscopy held at 1st ARTHROSCOPY COURSE, AIIMS Rishikesh on 16th-17th Nov, 2019.
2. Demonstrated ARTHROSCOPIC MENISECTOMY OF KNEE AT MEERUTKNEE AND SHOULDER CONCLAVE 2019 in Meerut, UP on 6th October, 2019
4. Demonstrated Cadaveric Anterolateral approach to tibial plateau on 2nd March 2019 at 2nd Surgical Instructional Cadaveric Course at Department of Orthopaedics CIO Safdurjung Hospital, Delhi.
5. Demonstrated Cadaveric Posteromedial approach to tibial plateau on 2nd March 2019 at 2nd Surgical Instructional Cadaveric Course at Department of Orthopaedics CIO Safdurjung Hospital, Delhi.

Dr.Sumit Sural :
1) Delivered Faculty Lecture on ‘Thoracolumbar fracture and treatment’ at Basic Spine Workshop at MAMC, 10th February, 2019.
2) Faculty at MAMC Orthopaedics PG Course 25th-28th Nov, 2019, conducted the ward rounds session and Delivered lecture on Spine Examination and participated in case discussions.
4) Invited as Faculty and delivered Lecture on Normal and Pathological Gait and Orthopaedic Instruments at Sir Ganga Ram Hospital, Indian Orthopaedic Association Post Graduate Teaching Program, 28-30th June, 2019.
5) Faculty for communication skills session at PGMET cell. MAMC.
6) Faculty Acute Critical Course at PGMET cell. MAMC.
8) Delivered Guest Lecture at Surgery Update on Advances in Limb Prosthesis on 28th Sep, 2019.
9) Invited as Faculty and delivered Guest Lecture PG Course IOACON on 19-20th Nov, 2019–Spine Examination, Ward Rounds. Conducted short cases.

Dr.Lalit Maini :
1. Awarded : Ghaziabad Oration of Central Zone of Indian Orthopaedic Association, Annual Conference at Raipur, October 2019.
2. The Editorial Process. 3rd JCOT IJO scientific writing course, Feb2019
4. 3 d printing Applications in Orthopaedics March 2019 Bhopal Orthopaedic Association Quarterly Meet, Bhopal
7. 3 D printing in spine speciality Baroda Orthopaedic Association May 2019
8. How to generate a research question? Baroda Orthopaedic Association May 2019
10. Trochantric flip osteotomy the surgical technique, DOA osteotomy Course, July 2019.
11. Intra articular knee osteotomy in neglected tibial plateau fractures, DOA osteotomy , July 2019
12. 3 D printing in planning osteotomies and deformity correction, DOA osteotomy Course , July 2019.
16. How to choose a journal for your manuscript? OJOT – IJO CME on Research Methodology, July 2019, Cuttack.
17. Virtual planning and 3 D printing in Orthopaedics, MSK CME, August 2019.
18. The structure of a scientific manuscript. SICOT India meet, Mumbai, September 2019
19. 3 D printing applications in Orthopaedics. SICOT India meet, Mumbai, September 2019.
20. Basics of Total Hip arthroplasty and Hip Biomechanics, PG Course Gangaram Hospital, September 2019.
23. Basics of Hip Biomechanics XXIst MAMC PGCourse, November 2019

Dr.Sumit Arora :
1) Delivered the lecture on ‘Research Methodology’ during MAMC Ortho PG Course on 27th Nov 2019

Dr.Dhananjay Sabat :
1) “Arthroscopy of Ankle” IFASCON Preconference Foot & Ankle workshop.
3) Knee & Shoulder Conclave, 6/10/ 2019 Saini Hospital, Merut. “PCL and lateral side injury of Knee”, moderator and panelist.
4) 1st Shoulder Arthroscopy Update, AIIMS, Rishikesh, 16-17 Nov 2019. talk on “Irrepairable Cuff Tears”.
5) Quiz Master for DOA Midcon 2019 at HIMS.
6) IOACON 2019 Kolkata23.11.2019; talk on ‘Biologics in ACL Reconstruction”, Panelist in Meniscus session.
7) MAMC PG Course 2018, talk on “Shoulder Examination”.
8) Invited talk “Patterns of cuff tear” at Stryker Anchor advantage Meet the masters Meet;on 14.12.2019

Dr Pritish Singh
1. My early experience with Ortho SUV , computer assisted deformity correction using Ortho-SUV, jan.13.2019, MAMC, delhi
2. Delhi orthopaedic association ilizarov course -2019 , hotel Vivanta ambassador , new Delhi )
3. Infected gap nonunion tibia - case tips and tricks (Ilizarov simplified, 21 April 2019, Delhi orthopaedic association ilizarov course -2019, hotel Vivanta ambassador, new Delhi)
4. The cases which taught me most.(Asami India National basic ilizarov and deformity correction course, june8-9 2019, ganga ram hospital new Delhi)
5. Table instructor in workshop (Asami India National basic ilizarov and deformity correction course, june8-9 2019, ganga ram hospital new Delhi)
6. Invited faculty in Advanced deformity correction using Ortho SUV frame at Ganga Ram hospital, New Delhi, July 27-28,2019
7. Invited faculty in advanced deformity correction course, Ganga Ram hospital, sept 1 2019,lecture .." the cases which taught me most- frontal plane deformity ")
8. Invited faculty in DOA basic trauma course 2019, hotel metropolitan, Delhi, dec.22.2019 (table instructor)
9. Invited lecture on cases which teach in external fixation. In DOA basic trauma course 2019, hotel metropolitan, Delhi, dec.22.2019
10. Delivered the lecture on ‘Current updates in Infected nonunion’ during MAMC Ortho PG Course on 27th Nov 2019
11. Session moderator
12. Session on external fixation in DOA basic trauma course 2019, hotel metropolitan, Delhi, dec.22.2019

Dr.Sumit Arora : Awarded MRCPS by Royal College of Physicians and Surgeons (Glasgow) on 29th Nov 2019.

13. Representation on expert committees/bodies

Dr.Vinod Kumar
i. Dr Vinod Kumar was nominated by the Indian cartilage society as member of Executive council of Indian cartilage society for year 2019-2020.

Dr.Sumit Sural :
1. Member, Institutional Ethical Committee, MAMC
2. Expert member Executive committee and Disciplinary Committee of Delhi Medical Council.
3. Appointed Assessor for accreditation of DNB Orthopaedics courses at NBE institutions.
4. Member, Delhi State Operation Research Committee, RNTCP
5. Member Core Committee, MAMC,RNTCP.
6. Member of Orthopaedic Instruments, Implants and Accessories Sectional Committee, Medical Equipment and Hospital Planning Department, Bureau of Indian Standards.
7. Medico-legal cases of Lok Nayak Hospital, attended the courts for MACT cases.
8. Member Board Assessment of Disability for Driving License.
9. Member Board, LNH, for Examination of Court cases / Medico legal & Jail cases.

Dr.Lalit Maini :
1) Editor Indian Journal of Orthopaedics, the official publication of Indian Orthopaedic association
2) President Elect, Delhi Orthopaedic Association
3) Member, Innovations committee Indian Orthopaedic Association
4) Executive Editor, Journal of Clinical Orthopaedics and Trauma, the official Publication of Delhi Orthopaedic Association
5) Chairman, International Society for Knowledge for Surgeons on Arthroscopy & Arthroplasty
6) Executive Editor Journal of Arthroscopy & Joint surgery

Dr.Sumit Arora :
1. Expert member in the committee for enquiry of medical negligence
2. Purchase officer for department of orthopaedics
3. Member of disability board

Dr Pritish Singh :
1) ASAMI India –Delhi state representative
14. Health services to the community:
   Health centre activities / camps / drives / national programmes etc.

15. Any other worth mentioning information.

Dr. Sumit Sural
Reviewer of following Journals:
a) Indian Journal of Orthopaedics
b) Indian Journal of Tuberculosis
c) Journal of Clinical Orthopaedics and Trauma
d) MAMC Journal of Medical Sciences

Examiner:
1) MS Ortho Examiner, Amritsar Medical College, Baba Farid University, 18-19 June, 2019.
2) DNB Ortho examiner, HOSMAT, Bangalore, April 25-27, 2019.
3) Moderation of Theory papers of DNB Ortho for NBE
4) Evaluation of thesis of DNB Ortho for NBE

Dr. Sumit Arora:
1. Question paper setter for MS Orthopaedics examination for Gujrat University
2. External examiner for MBBS examination in BFUHS, Faridkot
Name of the Head of Department: Prof. DR. URMILA JHAMB

1. Faculty

<table>
<thead>
<tr>
<th>S.No</th>
<th>Name of Faculty</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dr. Urmila Jhamb</td>
<td>Dir. Professor &amp; Head</td>
</tr>
<tr>
<td>2</td>
<td>Dr Sangeeta Yadav</td>
<td>Dir. Professor</td>
</tr>
<tr>
<td>3</td>
<td>Dr. Monica Juneja</td>
<td>Dir. Professor</td>
</tr>
<tr>
<td>4</td>
<td>Dr. K. Rajeshwari</td>
<td>Dir. Professor</td>
</tr>
<tr>
<td>5</td>
<td>Dr. Seema Kapoor</td>
<td>Dir. Professor</td>
</tr>
<tr>
<td>6</td>
<td>Dr. Mukta Mantan</td>
<td>Professor</td>
</tr>
<tr>
<td>7</td>
<td>Dr. Devendra Mishra</td>
<td>Professor</td>
</tr>
<tr>
<td>8</td>
<td>Dr. Anurag Agarwal</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>9</td>
<td>Dr. Aashiima Dabas</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>10</td>
<td>Dr. Rahul Jain</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>11</td>
<td>Dr. Raghvendra Singh</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>12</td>
<td>Dr. Deepak Kumar</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>13</td>
<td>Dr. Romit Saxena</td>
<td>Asstt. Professor</td>
</tr>
<tr>
<td>14</td>
<td>Dr. Swarnim</td>
<td>Asstt. Professor</td>
</tr>
<tr>
<td>15</td>
<td>Dr. Puneet Kaur Sahi</td>
<td>Asstt. Professor</td>
</tr>
<tr>
<td>16</td>
<td>Dr. Meenakshi Bothra</td>
<td>Asstt. Professor</td>
</tr>
<tr>
<td>17</td>
<td>Dr. Pallavi</td>
<td>Asstt. Professor</td>
</tr>
<tr>
<td>18</td>
<td>Dr. Arpita Gupta</td>
<td>Asstt. Professor</td>
</tr>
</tbody>
</table>

2. Members who have left during the period:

<table>
<thead>
<tr>
<th>S.No</th>
<th>Name of Faculty</th>
<th>Designation</th>
<th>Reason for leaving the job</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Harpreet Mehr</td>
<td>Assistant Prof. (Cl.Psychology)</td>
<td>Major Illness in the Family</td>
</tr>
</tbody>
</table>

3. Additions to the Faculty during the period:

<table>
<thead>
<tr>
<th>S.No</th>
<th>Name of Faculty</th>
<th>Designation</th>
<th>Whether newly joined/promotion</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dr. Romit Saxena</td>
<td>Asstt. Professor</td>
<td>Newly Joined</td>
</tr>
<tr>
<td>2</td>
<td>Dr. Swarnim</td>
<td>Asstt. Professor</td>
<td>Newly Joined</td>
</tr>
<tr>
<td>3</td>
<td>Dr. Puneet Kaur Sahi</td>
<td>Asstt. Professor</td>
<td>Newly Joined</td>
</tr>
<tr>
<td>4</td>
<td>Dr. Meenakshi Bothra</td>
<td>Asstt. Professor</td>
<td>Newly Joined</td>
</tr>
<tr>
<td>5</td>
<td>Dr. Pallavi</td>
<td>Asstt. Professor</td>
<td>Newly Joined</td>
</tr>
<tr>
<td>6</td>
<td>Dr. Arpita Gupta</td>
<td>Asstt. Professor</td>
<td>Newly Joined</td>
</tr>
</tbody>
</table>

4. Research Scheme

(a) Ongoing projects

<table>
<thead>
<tr>
<th>Name of Faculty</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. U. Jhamb</td>
<td>Co investigator for DST project on Development of a point-of-care (POC) diagnostic panel for rapid detection and stratification of bacterial septicemia in critically-ill patients</td>
</tr>
<tr>
<td>Dr. U. Jhamb</td>
<td>Principal Investigator for project on Zinc sepsis study.</td>
</tr>
<tr>
<td>Dr. S. Yadav</td>
<td>Principal Investigator for ‘Zinc as an adjunct for the treatment of clinical severe infection in infants younger than 2 months’</td>
</tr>
<tr>
<td>Dr. S. Yadav</td>
<td>Principal Investigator for ‘MAASS Study: Multicenter Active AEFI Sentinel Surveillance in India (MAASS-INDIA)’</td>
</tr>
<tr>
<td>Dr. M. Juneja</td>
<td>Development of an artificial intelligence based digital platform to screen children for autism spectrum disorder (ASD)</td>
</tr>
<tr>
<td>Dr. M. Juneja</td>
<td>Site Investigator for ‘Communication centred parent mediated treatment for autism spectrum disorder in south Asia (COMPASS)’</td>
</tr>
</tbody>
</table>
Dr. Seema Kapoor  Co-ordinator for ongoing project by Govt. of NCT, Delhi on “Antenatal screening of women for thalassemia status”.

Dr. Seema Kapoor  Principal Investigator for “Establishment of Biodosimetry Lab at Genetic Unit, Department of Pediatrics, MAMC, New Delhi and liaisoning with Biodosimetry Lab of INMAS for validity of results”

Dr. Seema Kapoor  Project Co-ordinator for “Prenatal screening initiative by dried blood spots: role for triaging and resource utilization”

Dr. Seema Kapoor  Principal Investigator for “Biomarkers for early diagnosis of neonatal sepsis as point of care testing using biosensors”

Dr. Seema Kapoor  Principal Investigator for “National Registry for Rare and other inherited disorders”

Dr. Seema Kapoor  Principal Investigator for “Training of in-service Clinicians from Government Hospitals and outreach programme for Aspirational districts”

Dr. Anurag Agarwal  Co investigator for Indian network for Streptococcus pneumoniae and PCV Impact Research (INSPIRE)

Dr. Anurag Agarwal  Principal Investigator for ‘A Phase IV, Randomized, Controlled Study of the Safety and Immunogenicity of Rabishield + Rabivax-S Post-exposure Prophylaxis regimen in Patients with Potential Rabies Exposure.’

Dr. Romit Saxena  Comparison of continuous renal replacement therapy and molecular absorbent recirculating system in pediatric acute liver failure: a multicentric international study

Dr. Romit Saxena  Acute kidney injury in acute liver failure pediatric critically ill patients: experience from pediatric liver ICU.

Dr. Romit Saxena  Comparison of Pediatric severity scoring systems in predicting outcome, in a tertiary pediatric ICU

Dr. Romit Saxena  Use of N-Acetyl cysteine in dengue hepatitis

Dr. Romit Saxena  Pediatric asphyxiation secondary to near hanging with emphasis on Saree swing: an intensivist’s perspective

Dr. Romit Saxena  To evaluate time critical transfers for neurosurgical emergencies which were performed by the specialized retrieval service as compared to local team, and to evaluate if local team transport offers timely transfer to neurosurgical centre

Dr. Romit Saxena  As a part of Mallinckrodt Investigator Initiated Research, at Kings college, London, to analyze terlipressin usage, side effect profile and hemodynamic /renal effect in pediatric liver ICU.

Dr. Meenakshi Bothra  PI in ‘Role of FISH in the diagnosis of William syndrome, Digeorge syndrome & 1p36 microdeletion syndromes”

(b) Details of thesis completed during current year :-

<table>
<thead>
<tr>
<th>No</th>
<th>Candidate</th>
<th>Guide</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Dr Aditi</td>
<td>Dr. U. Jhamb</td>
<td>Role of citrulline and arginine in critically ill children.</td>
</tr>
<tr>
<td>2</td>
<td>Dr Priyanka</td>
<td>Dr. U. Jhamb</td>
<td>Clinico etiological profile of children with heart disease presenting to emergency in tertiary hospital in Delhi</td>
</tr>
<tr>
<td>3</td>
<td>Dr Netra</td>
<td>Dr. U. Jhamb</td>
<td>Role of high flow nasal cannula in children with acute hypoxemic respiratory failure</td>
</tr>
<tr>
<td>4</td>
<td>Dr. Kunal Kumar</td>
<td>Dr. S. Yadav</td>
<td>Evaluation of Polio Antibody Titters following Inactivated Poliovirus Vaccine (IPV) immunization.</td>
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<tr>
<td>5</td>
<td>Dr. Mridna Jha</td>
<td>Dr. S. Yadav</td>
<td>Bone Mineral Metabolism in Children and Adolescents of Chronic Kidney Disease.</td>
</tr>
<tr>
<td>6</td>
<td>Dr. Shefali Yadav</td>
<td>Dr. S. Yadav</td>
<td>Prevalence and Determinants of Victims and Perpetrators of Violence amongst Adolescents.</td>
</tr>
<tr>
<td>7</td>
<td>Dr. Lavanya Ra</td>
<td>Dr. M. Juneja</td>
<td>Effectiveness of Trihexyphenidyl for Treatment of Dystonia in children with cerebral palsy</td>
</tr>
<tr>
<td>S.No.</td>
<td>Name of the trainees</td>
<td>Sponsoring agency</td>
<td>Period of Training</td>
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<tr>
<td>1</td>
<td>Dr Ranu Tripathi</td>
<td>Post PhD training</td>
<td>AIIMS, Bhopal</td>
</tr>
<tr>
<td>2</td>
<td>Rishab Gupta</td>
<td>Santosh Medical College</td>
<td>Nov, 19 – Dec, 19</td>
</tr>
<tr>
<td>3</td>
<td>Garima Rastogi,</td>
<td>Vellore Institute of</td>
<td>May, 19 – June, 19</td>
</tr>
<tr>
<td></td>
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<td>Technology</td>
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**Life Sciences & Biotechnology**

**TOTAL CDC PATIENT 2018-19**

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<th>Category</th>
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<td>NEW REGISTERED FIRST VISIT PATIENT</td>
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<tr>
<td>REVIEW</td>
<td>19900</td>
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<td><strong>TOTAL</strong></td>
<td>21022</td>
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**Total Genetic Clinic Patients 2018-2019**

<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
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<tbody>
<tr>
<td>NEW REGISTERED FIRST VISIT PATIENT</td>
<td>845</td>
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<tr>
<td>REVIEW</td>
<td>3200</td>
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<td><strong>TOTAL</strong></td>
<td>4045</td>
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6. Training course/Conferences/Workshops organized:

<table>
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<tr>
<th>Name</th>
<th>Event Description</th>
<th>Date/Location</th>
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</thead>
<tbody>
<tr>
<td>Dr. U. Jhamb</td>
<td>A Symposium on Sensitization on Primary immune deficiencies was held on 20.04.2019 with Dr. Urmila Jhamb as Convener.</td>
<td></td>
</tr>
<tr>
<td>Dr. U. Jhamb</td>
<td>Symposium on CME on Primary immune deficiencies was held on 08.08.2019 with Dr. Urmila Jhamb as Convener.</td>
<td></td>
</tr>
<tr>
<td>Dr. U. Jhamb</td>
<td>Symposium in STEP workshop (Simulation Training in Emergency Pediatrics) was held on 27.09.2019 with Dr. Urmila Jhamb as Convener.</td>
<td></td>
</tr>
<tr>
<td>Dr. U. Jhamb</td>
<td>Symposium in workshop on PPCC (Practical Pediatrics Capsule Course) was held on 18-20th Dec 2019 with Dr. Urmila Jhamb as Convener.</td>
<td></td>
</tr>
<tr>
<td>Dr. S. Yadav</td>
<td>Organised the Stake holders Meeting on “Immunization in the Context of Adolescent Health Programme” to draw the Road Map for Adolescent Immunization in the country with IAP, Ministry of Health Immunization and Adolescent Health Division GOI, WHO, UNICEF and FOGSI, on 14.02.19 at New Delhi.</td>
<td></td>
</tr>
<tr>
<td>Dr. S. Yadav</td>
<td>Organising Chairperson for IInd Practical Pediatric Endocrinology course on 23.2.2019 at New Delhi</td>
<td></td>
</tr>
<tr>
<td>Dr. S. Yadav</td>
<td>Organising Chairperson Conference North Zone PEDICON and PCNI 2019</td>
<td></td>
</tr>
<tr>
<td>Dr. M. Juneja</td>
<td>A Symposium in PG workshop on practical aspects of developmental assessment was held on 9th to 10th Feb 2019 with Dr. Monica Juneja in the chair/or as Convener.</td>
<td></td>
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<tr>
<td>Dr. S. Kapoor</td>
<td>Organized a workshop on “Update in Screening: Prenatal and Neonatal” at ABCON Auditorium on 4th May’19.</td>
<td></td>
</tr>
<tr>
<td>Dr. S. Kapoor</td>
<td>Organized a CME on ‘Genomics for Clinical Medicine’ on 23rd Nov, 2019 at Seminar Room, Department of Pediatrics, Maulana Azad Medical College, New Delhi.</td>
<td></td>
</tr>
<tr>
<td>Dr. S. Kapoor</td>
<td>Organised a hands on training for the post graduates on dysmorphology by Dr Nicole Fischer from Face2gene</td>
<td></td>
</tr>
<tr>
<td>Dr. K. Rajeshwari</td>
<td>Training of master trainers for ART Medical officer from 13-16 Nov 2019, CoE, MAMC, New Delhi</td>
<td></td>
</tr>
<tr>
<td>Dr. M. Mantan</td>
<td>Organized the Fourth Annual meeting of Pediatric Research and Education Society of India (PRESIDE) on 22, 23rd November 2019 at MAMC, Delhi.</td>
<td></td>
</tr>
<tr>
<td>Dr. D. Kumar</td>
<td>A Symposium on Primary Immunodeficiency Disorders was held on 08-08-2019 with Dr. Deepak Kumar in the chair/or as Convener.</td>
<td></td>
</tr>
<tr>
<td>Dr. R. Saxena</td>
<td>Contributed to the Extracorporeal membrane oxygenation module as a part of advanced ventilation training module course content and textbook, of the college of Pediatric critical care and IAP subsection of pediatric critical care.</td>
<td></td>
</tr>
<tr>
<td>Dr. R. Saxena</td>
<td>Contributed to the basic ventilation module course content and textbook towards basic ventilation module of the college of Pediatric critical care and IAP subsection of pediatric critical care.</td>
<td></td>
</tr>
<tr>
<td>Dr. Swarnim</td>
<td>4th annual meeting of Pediatric research and education society of India (PRESIDE) organized on 22.11.19 and 23.11.19 by department of Pediatrics under Dr S Ramji, Dr U Jhamb, Dr Mukta Manthan and Dr Ramesh Aggarwal.</td>
<td></td>
</tr>
<tr>
<td>Dr. Swarnim</td>
<td>IAP UG Quiz (Pediatric) intradepartmental 2019</td>
<td></td>
</tr>
<tr>
<td>Dr M. Bothra</td>
<td>Organised an ‘Immunization Quiz’ for Postgraduate students in August 2019</td>
<td></td>
</tr>
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</table>

7. Publications during the period:

(Please attach reprints, if available, otherwise please cite complete reference, failing which it will not be possible to include in the report).

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Journal</th>
<th>Date/Publication Details</th>
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<tbody>
<tr>
<td>Dr. U. Jhamb</td>
<td>Jhamb U, Saxena R. Purulent Pericardial Effusion in children: Experience from a Tertiary Care Centre in North India. Accepted for publication in Annals of cardiology.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>


<table>
<thead>
<tr>
<th>Author(s)</th>
<th>Title and Details</th>
</tr>
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<tbody>
<tr>
<td>Dr. S. Kapoor</td>
<td>Bijarnia-Mahay S, Kapoor S. Testing Modalities for Inborn Errors of Metabolism What a Clinician Needs to Know? Indian Pediatr. 2019 Sep 15</td>
</tr>
<tr>
<td>Dr S Kapoor</td>
<td>Accepted for publication in Indian Journal of Dermatology: Purpura fulminans :An unusual occurrence of protein C deficiency and cytomegalovirus infection</td>
</tr>
<tr>
<td>Dr S Kapoor</td>
<td>Accepted for publication in Journal of Cleft Palate and craniofacial anomalies :Dental phenotype of multiple impacted supernumerary teeth in Wiedemann-Steiner syndrome: a case report</td>
</tr>
</tbody>
</table>
Dr. A. Dabas

Dr. D. Kumar

Dr. D. Kumar

Dr. R. Saxena

Dr. R. Saxena
Patient zone in PICU initiative at Max 3rd annual patient safety conference as oral presentation on 1-2/2/2019.

Dr. R. Saxena
Presented poster on Perinatal Kochs an intensivists perspective in national conference of pediatric critical care, at Bangalore between 5-8/12/2019.

Dr Swarnim

Dr Puneet

8. Books/Chapter/Contributed:

Dr. U. Jhamb
Dr. Urmila Jhamb has contributed a chapter on burns in children in the Text Book on Principles of Pediatric and Neonatal Emergencies edited by Dr Piyush Gupta, of Jaypee Publisher. 4th Ed. 2020 Jan (Year of Publication)

Dr. U. Jhamb
Dr. Urmila Jhamb has contributed a chapter on Environmental emergencies in children in the Text Book on IAP textbook of Pediatric critical care edited by Dr. Sunit Singh of Publisher. Under publication (Year of Publication)

Dr. S. Yadav

Dr. S. Yadav

Dr. S. Yadav

Dr. D. Mishra

Dr. D. Mishra
Dr D. Mishra was the co-editor of the book: Mishra D, Shah D. Best of Indian Pediatrics, 3rd Ed. Published by CBS Publishers, Delhi; 2019. ISBN: 978-93-88725-62-0.

Dr. D. Mishra
Dr. D.Mishra has contributed three chapters in the Text Book on The Art and Science of Writing a Scientific Paper edited by Dr Mishra D, Shah D of CBS Publishers & Distributors (P) Ltd., Delhi Ed. 2019

Dr. D. Mishra
Dr. D. Mishra has contributed three chapters in the Text Book on Best of Indian Pediatrics edited by Dr Mishra D, Shah D of CBS Publishers & Distributors (P) Ltd., Delhi Ed. 2019

Dr. A. Agarwal
Dr. Anurag Agarwal has contributed a chapter in the Text Book on Principles of Pediatric and Neonatal Emergencies edited by Dr Piyush Gupta Publisher Jaypee Brothers Ed.2019 (Year of Publication)

Dr. D. Kumar
Deepak Kumar has contributed a chapter “Vascular access in pediatric patients” in the Text Book on Textbook of Pediatrics and Neonatal emergencies ______ edited by Dr. Piyush Gupta of Publisher Jaypee. Ed.2019-2020 (Year of Publication)

Dr. R. Saxena
Chapter on: “Acute surgical abdomen” in IAP textbook of Pediatric ICU protocols

Dr. R. Saxena
Chapter on Pediatric laboratory medicine and Pharmacology, in IAP textbook of pediatric critical care.

Dr. R. Saxena
Chapter on “Acute liver failure” submitted for publication towards IAP textbook of emergency medicine.

Dr. R. Saxena
Chapter on “extracorporeal membrane oxygenation “ in textbook for advanced ventilation module for College of Pediatric critical care.

Dr. R. Saxena
Chapter on ARDS and refractory hypoxemia towards the manual, and towards workshop modules on prone ventilation, oxygen therapy and oxygen delivery devices.

Dr. R. Saxena
Contributed to 5 minute consult Pediatrics - Indian version, as editor for the following algorithms with Dr.S.Sudha: asthma exacerbation algorithm, child abuse algorithm, constipation algorithm, dehydration algorithm, cyanosis algorithm, fever in first 3 months algorithm, jaundice algorithm, pediatric exanthema...
9. Conferences/Workshops/Symposiums attended:

**International**

| Dr. Seema Kapoor | Delivered a lecture on starting programmes and increasing coverage and range of disorders in 10th ISNS International Symposium / 11th Asia Pacific Regional Meeting that from 19 - 22 September 2019 in Hangzhou, China. |
| Dr. M. Mantan | Dr. M. Mantan presented oral paper titled “Assessment of diet, fluid intake, urine output and urinary sodium/potassium ratios in children with urolithiasis” at the 18th Congress of International Pediatric Nephrology association held at Venice, Italy from 17-21st October 2019. |
| Dr. M. Mantan | Dr. M. Mantan presented paper titled “Effectiveness of a low dose prednisolone regimen in comparison to standard therapy for treatment of relapses in children with steroid sensitive nephrotic syndrome: A randomized controlled trial.” as poster at the 18th Congress of International Pediatric Nephrology association held at Venice, Italy from 17-21st October 2019. |
| Dr. M. Mantan | Dr. M. Mantan presented paper titled “Childhood steroid resistant nephrotic syndrome: Clinical profile and outcomes” as poster at the 18th Congress of International Pediatric Nephrology association held at Venice, Italy from 17-21st October 2019. |
| Dr. M. Mantan | Dr. M. Mantan presented Paper titled “Nephrotic syndrome in children with chronic hepatitis B infection: 5 year experience of a tertiary care teaching hospital” as poster at the 31st annual meeting of Indian Society of Paediatric Nephrology held at Pune from 20-22 December 2019 |

**National**

| Dr. U. Jhamb | Workshop on VPD ( vaccine preventable diseases) organized by Directorate of family welfare was attended by Dr Urmila Jhamb on 26-28th Nov 2019. |
| Dr. U. Jhamb | Workshop on Cascade immunization by Delhi Govt was attended by Dr Urmila Jhamb on 24-26th June 2019. |
| Dr. U. Jhamb | TOT for IAP ALS MAP was attended by Dr Urmila Jhamb on 3.10.19 |
| Dr. S. Yadav | Attended the Breastfeeding India: Commitment to Collective Action under the IMS Act to Protect, Promote and Support Breastfeeding workshop on 05.08.2019 New Delhi. |
| Dr. S. Yadav | Attended the Antimicrobial Stewardship Workshop at New Delhi 25th Aug 2019 |
| Dr. S. Yadav | Attended workshop on Child and Adolescent Psychiatry at Bangalore 16th August 2019 |
| Dr. S. Yadav | Attended the International Advanced Training Programs on Adolescent Health (IATPAH) workshop in Dr.D.Y. Patil Medical College, Pimpri at Pune (Maharashtra) from 03.10.19 - 07.10.19 |
| Dr. S. Yadav | Participated in a Role Play on Sleep disorders in Adolescents in IATPAH in Pune on 4th Oct. 2019 |
| Dr. S. Yadav | Attended the 7th National Conference on Pediatric Education at Jodhpur 5th Nov 2019 |
| Dr. S. Yadav | Attended the meet on “Addressing the Global Syndemic of Obesity, undernutrition and climate change in India” on 11th Nov. 2019 at Delhi |
| Dr. S. Yadav | Attended the workshop on Investing in Adolescent Health: Harnessing the Demographic Dividend organised by The Observer Research Foundation, in collaboration with the Ministry of Health and Family Welfare, on December 14, 2019 at , New Delhi. |
| Dr. S. Yadav | Participated in the workshop on IAP Leadership in Quality Improvement & Capacity Building Workshop Consultation on 20th Dec 2019 |
| Dr. M. Juneja | Faculty for TOT for RBSK workshop for ASD intervention, at New Delhi 18-19 october’2019. |
| Dr. M. Juneja | Workshop on new UG curriculum at MAMC, New Delhi on 23rd Nov’2019. |
| Dr. M. Juneja | Delivered a talk on Early Intervention at workshop on “Multisectoral approach to Early Childhood Development” sponsored by UNICEF, at Kolkata 13th December’2019. |
| Dr. M. Juneja | Faculty for Pediatric Capsule Course, organized by Department of Pediatrics, MAMC, 18-20 December ’2019 |
Dr. Seema Kapoor Delivered a talk on IEMs- Advances in Diagnosis and Therapies in 5th National ISIEM Conference from 18-20th January 2019 at Hotel Grand Sheraton, Pune

Dr. Seema Kapoor Attended Rare Disease Registry meeting at ICMR headquarter on 23rd January, 2019

Dr. Seema Kapoor Invited as faculty in 56th Annual Conference of the Indian Academy of Pediatrics (Pedicon) at from the 6th-10th of Feb, 2019 at MMRDA Exhibition Grounds, Bandra Kurla Complex, Mumbai and delivered a talk on

Dr. Seema Kapoor Delivered a lecture in 5th annual conference titled “Clinical Scenarios in Pediatric Liver disease” (CSPLD 2019) on March 30th and 31st, 2019 at Institute of Liver and Biliary Sciences (ILBS) New Delhi, India

Dr. Seema Kapoor Attended Symposium on coagulopathy in liver disease 2019, 2nd & 3rd March, 2019 at Institute of Liver and Biliary Sciences, New Delhi.

Dr. Seema Kapoor Attended Meeting of the Expert Review Committee for AIIMS-THSTI Collaborative on 25th April, 2019 at CMET Hall, AIIMS, New Delhi

Dr. Seema Kapoor Participated in NeuroPedicon-2019 conference (workshop on Management of Neurometabolic Disorders) at Hotel Park Hyatt on 26 July 2019 at Hyderabad

Dr. Seema Kapoor Attended DELHI STATE NNF meeting At AIIMS on 1st August, 2019.

Dr. Seema Kapoor Attended Pediatric Infection Control Workshop in Radisson Blu Dwarka on 10th & 11th August, 2019

Dr. Seema Kapoor Attended Expert Committee meeting on 30th-31st August, 2019 in Conference Room no. 503 on 30th August and in Room no. 816 on 31st August, 2019 DBT, New Delhi.

Dr. Seema Kapoor Attended I.A.P. Delhi’s Clinical meeting collaborated with IAP East Delhi City Branch at Lecture Theatre-1 (First Floor) USMC & GTB Hospital, Dilshad Garden, Delhi on 19th September, 2019.

Dr. Seema Kapoor Attended Pediatric Conference of North India, 2019 a pre conference workshop “Demystifying Diagnostics in Paediatric Neurology: A Practical approach” on 27.9.2019 in Medical Education Unit, upper basement, VMMC and Safdarjung Hospital

Dr. Seema Kapoor Attended PCNI 2019 on 28th & 29th September, 2019 at Hotel Le Méridien, Windsor Place, Janpath, New Delhi.


Dr. Seema Kapoor Attended 58th Research Council Meeting at CSIR-IGIB on 4th – 5th November, 2019 at Mathura Road Campus

Dr. Seema Kapoor Attended EZCCCON 2019 on 15th & 16th November 2019 at Hotel VIVANTA Kolkata.

Dr. Seema Kapoor Attended Meeting on 5th December 2019 in R. No. 816 (10:30 AM to 12:30 PM), Conference Hall, 8th Floor, Block-2, CGO Complex, Lodhi Road, New Delhi -110003

Dr. Seema Kapoor Attended CME on Research Methodology on 14th December, 2019 in New LT 1, MAMC

Dr. Mukta Mantan Dr. M. Mantan participated in a panel discussion on “Early diagnosis of CKD and renal transplant” at the advanced CME in PEDICON-2019 held at MMRDA grounds, Mumbai from 6-10th February 2019.

Dr. Mukta Mantan Dr. M. Mantan delivered talk “Urinary tract infections: Diagnosis and management”, at CME on Reflux nephropathy: removing the misconceptions held at Chacha Nehru Bal Chikitsalaya, Delhi on 10th march 2019.

Dr. Mukta Mantan Dr. M. Mantan delivered a talk on “Role of chemoprophylaxis in VUR” at the Pediatric Surgery update held at Mulana Azad Medical College, Delhi from 7th-10th March 2019.

Dr. Mukta Mantan Dr. M. Mantan participated in a panel discussion on “Medical management of CKD due to CAKUT” at CME on Reflux nephropathy: removing the misconceptions held at Chacha Nehru Bal Chikitsalaya, Delhi on 10th March 2019.

Dr. Mukta Mantan Dr. M. Mantan delivered talk on “Hypertension what’s new?” at the IPNA-AsPNA Junior Master Class in Pediatric Nephrology and XI Annual Pediatric Nephrology Training Course held on 6th and 7th April 2019 at the AIIMS, Delhi.

Dr. Mukta Mantan Dr. M. Mantan delivered a talk on “Supportive management of nephrotic syndrome” at the 31st annual meeting of Indian Society of Paediatric Nephrology held at Pune from 20-22 December 2019.
| Dr. D. Mishra | 1st National Symposium on Pediatric Neuroradiology – Bridging clinical & radiological perspectives, Delhi on 19-20 October was attended by Dr. D.Mishra. |
| Dr. Anurag Agarwal | TOT on RNTCP at Mumbai 5/2/19 |
| Dr. Anurag Agarwal | Indo UK TB Network Workshop with ICMR 11-12/2/19 |
| Dr. Anurag Agarwal | KMC at Srinagar from NNF 22-23/6/19 |
| Dr. Aashima Dabas | Second Practical Pediatric Endocrinology course, GROW society, New Delhi India, was attended by Dr. Aashima Dabas as Faculty on 23 Feb 2019 |
| Dr. Aashima Dabas | Hospital and Office practice Pediatric Endocrinology (HOPE), Medanta medcity, Gurugram, India, was attended by Dr. Aashima Dabas as Faculty on 28 Apr 2019 |
| Dr. Aashima Dabas | Second Growth symposium, AIIMS New Delhi, India, was attended by Dr. Aashima Dabas as Faculty on 20 April 2019 |
| Dr. Aashima Dabas | National symposium on Growth and Pediatric Endocrinology, Growth Hormone Research Society, India New Delhi, was attended by Dr. Aashima Dabas as Faculty on 8-9 Jun 2019 |
| Dr. Aashima Dabas | Newborn screening and prenatal screening update, MAMC, New Delhi India, was attended by Dr. Aashima Dabas as Faculty on 4 May 2019 |
| Dr. Aashima Dabas | Advanced Pediatric Practical Endocrinology Course, GROW society, Kanpur, India, was attended by Dr. Aashima Dabas as Faculty on 18-19 May 2019 |
| Dr. Aashima Dabas | Symposium on Molecular Medicine in Endocrinology, SMS Jaipur, India, was attended by Dr. Aashima Dabas as Faculty on 29-30 June 2019 |
| Dr. Aashima Dabas | Workshop on Immunization, Aruna Asaf Ali Hospital, New Delhi India, was attended by Dr. Aashima Dabas as Delegate on 27-29 June 2019 |
| Dr. Aashima Dabas | Annual North-Zone PEDICON and Pediatric Conference of North India, 2019, New Delhi India, was attended by Dr. Aashima Dabas as Faculty on 28-29 Sep 2019 |
| Dr. Aashima Dabas | Workshop and Brainstorming Meeting on Improving Diagnosis and Management of Disorders of Sex Development in India, AIIMS, New Delhi India, was attended by Dr. Aashima Dabas as Faculty on 02 Nov 2019 |
| Dr. Aashima Dabas | Paper writing Workshop, MAMC, New Delhi India, was attended by Dr. Aashima Dabas as Faculty on 14 Nov 2019 |
| Dr. Aashima Dabas | Paper writing Workshop- Indian Pediatrics, Apollo hospital, New Delhi India, was attended by Dr. Aashima Dabas as Faculty on 20 Nov 2019 |
| Dr. Aashima Dabas | Biennial Conference of Indian Society of Pediatric and Adolescent Endocrinology, Kolkata, India, was attended by Dr. Aashima Dabas as Faculty on 29 Nov-01 Dec 2019 |
| Dr. Aashima Dabas | Research Methodology workshop, Pediatric Surgery, MAMC, New Delhi India, was attended by Dr. Aashima Dabas as Faculty on 14 Dec2019 |
| Dr. Rahul Jain | Workshop on Statistical analysis using STATA, Gurugram, Haryana organized by Public Health Foundation of India from 14th-18th October 2019. |
| Dr. Rahul Jain | Indian academy of pediatrics-Advanced life support course organized by AIIMS, Delhi on 21-22nd Dec 2019. |
| Dr. Romit Saxena | Participated as faculty in PICU and paediatrics for panel discussion at Max Northcon 2019, on 17/2/2019. |
| Dr. Romit Saxena | Participated as faculty for basic ventilation workshop to be held on 23-24 March, 2019, at Dr. Bidari’s Ashwini Hospital, at Vijayapura, Karnataka. |
| Dr. Romit Saxena | Participated as faculty in workshop on How to write a scientific paper, at MAMC, 14/11/2019 |
| Dr. Romit Saxena | Participated as faculty in “Facts and Myths in Anesthesiology” at MAMC, in 14-15/12/2019 |
| Dr. Romit Saxena | Attended as Faculty at National conference of Pediatric critical care, at Bangalore between 5-8/12/2019 |
| Dr. Romit Saxena | As faculty for 7th Neonatal & Pediatric Ventilation workshop on 18th & 19th May 2019 at Jaypee Siddharth, New Delhi. |
| Dr. Romit Saxena | As faculty for Workshop on Practical Approach to Shock in Children to be held at Indraprastha Apollo Hospital on 13th April, 2019. |
| Dr. Romit Saxena | As faculty for workshop on ‘Research Methodology & How to apply for Grants’ for AYUSH and Allied Healthcare practitioners on 14th December, 2019, by Department of Pediatric Surgery and Pediatrics, MAMC |
| Dr. Romit Saxena | Participated as faculty in practical pediatric capsule course at department of Pediatrics , between 18-20/12/2019 |
| Dr. Romit Saxena | Participated as faculty in 9th Nursing CNE, at Kalawati Saran Children’s hospital , on 4/7/2019 |
| Dr. Romit Saxena | Attended North India Pediatric Infectious disease conference (NIPID 2019) on 12-13/1/2019 |
Dr. Romit Saxena
Attended Allergocon 2019, 1st National congress on asthma, allergy and immunology under aegis of
International Asthma Services, USA and CMC, Vellore at CMC, Vellore from 10-11/1/2019

Dr. Romit Saxena
Attended Training of trainers for PICNIC (pediatric infection control in nursing home, ICU and

Dr. Romit Saxena
Attended Art and science of paper writing, between 23-24 September 2019, at indraprastha Apollo
hospital

Dr. Romit Saxena
Attended PEDICON NZ & PCNI 2019’ on 28th & 29th September, 2019 at Le-Meridien Hotel

Dr. Romit Saxena
Attended Fourth annual Meeting of Pediatric research and education society of India, on
22/11/2019

Dr. Swarnim
17th workshop on Art and science of paper writing on 23.9.19 and 24.9.19 at Indraprastha Apollo
Hospital, New Delhi.

Dr. Swarnim
4th workshop on Research methodology from 8.11.19 till 10.11.19 at Indraprastha Apollo Hospital,
New Delhi.

Dr. Swarnim
Curriculum development and implementation (CDI) workshop for in house faculty of MAMC from
25-27 Sep 2019

Dr. Puneet
4th workshop on Research methodology from 8.11.19 till 10.11.19 at Indraprastha Apollo Hospital,
New Delhi.

Dr. Puneet
Pediatric hematology oncology conference (PHOCON) from 6.9.19 till 8.9.19 at BHU, Varanasi

Dr. Meenakshi Bothra
ISOPARB Mid term conference 2019 at Ranchi in September 2019

Dr. Pallavi
17th workshop on Art and science of paper writing on 23.9.19 and 24.9.19 at Indraprastha Apollo
Hospital, New Delhi.

Dr. Pallavi
4th workshop on Research methodology from 8.11.19 till 10.11.19 at Indraprastha Apollo Hospital,
New Delhi.

Dr. Arpita Gupta
Research Methodology conducted by Indian Pediatrics from 8-11 Nov 2019.

1. Significant Events (Honours to Faculty): To the Department
   * Considered as Center for Excellence in Human Genetics for Training in Service faculty for Medical Colleges by Department of Biotechnology
   * Considered as Center for Excellence by Ministry of Health & Family Welfare for Management and prenatal diagnosis of rare diseases

Dr. U. Jhamb
Dr. Urmila Jhamb has been a faculty in STEP workshop at AIIMS on 28.2.19

Dr. U. Jhamb
Dr. Urmila Jhamb has chaired session in 25th annual conference of SIMULUS at AIIMS on 1.2.3 March 2019

Dr. U. Jhamb
Dr. Urmila Jhamb has been a faculty INSPIRE workshop (work as mentor for researchers in the field of simulation in pediatric intensive care) 3.3.2019

Dr. U. Jhamb
Dr. Urmila Jhamb has chaired session on international CME on childhood allergies on 8-10th March 2019 at Ganga ram Hospital

Dr. U. Jhamb
Dr. Urmila Jhamb has been a faculty for IAP ALS course on 3rd and 4th May 2019 at Maharaja Arsenal hospital

Dr. U. Jhamb
Dr. Urmila Jhamb has delivered guest lecture in pediatric cardiology update at Vardhman Medical college on 10th June 2019

Dr. U. Jhamb
Dr. Urmila Jhamb has been a faculty for PFCCS course at Rohtak 11th and 12th Aug 2019

Dr. U. Jhamb
Dr. Urmila Jhamb delivered guest lecture on transport of critically ill child in pediatric critical care update at AIIMS Jodhpur on 22nd September 2019

Dr. U. Jhamb
Dr. Urmila Jhamb has been a faculty for STEP workshop organized on 27.9.19 at MAMC in Dept of pediatrics.

Dr. U. Jhamb
Dr. Urmila Jhamb delivered guest lecture on Renin a new marker for tissue perfusion on 3rd October 2019 at Advanced international pediatric intensive care conference (AIPIC) 2019 at Ganga ram hospital on 3rd October 2019

Dr. U. Jhamb
Dr. Urmila Jhamb has been a faculty for PPCCS course organized on 18-20th

Dr. U. Jhamb
Dr. Urmila Jhamb delivered guest lecture on Post operative ventilation in conference of Anaesthesiology at MAMC New Delhi on 6.01.2020 & Dec 2019 at MAMC in Dept of pediatrics.

Dr. S. Yadav
Invited Guest of Honor for North India Pediatric Infectious Disease Conference on 12th January 2019, New Delhi

Dr. S. Yadav

Dr. S. Yadav
Special Invitee for the 3rd Meeting of India Expert Advisory Group (IAEG) on Measles &
<table>
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<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>21.02.19</td>
<td>Dr. S. Yadav Special Invitee for the Mini India Expert Advisory Group Meeting for Polio Eradication, New Delhi.</td>
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<tr>
<td>22.02.19</td>
<td>Dr. S. Yadav Invited Faculty and presented a talk on Approach to Short Stature at II Practical Pediatric Endocrinology course on 23.02.2019 at New Delhi.</td>
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<tr>
<td>25.02.19</td>
<td>Dr. S. Yadav Attended the National AEFI Meeting at NIHFW as Member on 25th Feb 2019.</td>
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<tr>
<td>08.03.19</td>
<td>Dr. S. Yadav Participated as Expert member for “Meeting of Technical Resource Group on Childhood Pneumonia Management and control on 08.03.19 at, New Delhi.</td>
</tr>
<tr>
<td>14.03.19 - 15.03.19</td>
<td>Dr. S. Yadav Invited participant to the Meeting South - East Asia Regional Consultation on Adopting the Revised Goal of Measles and Rubella Elimination from 14.03.19 - 15.03.19 at New Delhi for Proposed strategic plan for measles and rubella elimination in WHO South East Asia Region.</td>
</tr>
<tr>
<td>17.03.19</td>
<td>Dr. S. Yadav Invited for Rollout of ROTAVIRUS Vaccine workshop on 06.8.19 at 11.00AM onwards in Delhi Secretariat, Auditorium.</td>
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<tr>
<td>21.03.19</td>
<td>Dr. S. Yadav Conducted as Faculty the Antimicrobial Stewardship Workshop at Gurugram 1st Sept. 2019.</td>
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<tr>
<td>21.03.19</td>
<td>Dr. S. Yadav Invited Speaker at West Zone PEDICON delivered talk on Basic Principles of Adolescent Counselling at Surat 21st Sept. 2019.</td>
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<tr>
<td>22.03.19</td>
<td>Dr. S. Yadav Moderator for Panel discussion on Pediatric Endocrine Emergencies at North Zone PEDICON 27th Sept. 2019.</td>
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<tr>
<td>27.03.19</td>
<td>Dr. S. Yadav Invited Faculty for Mental Health WS for IATPAH and discussed Violence in Adolescents 6.10.2019.</td>
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<td>27.03.19</td>
<td>Dr. S. Yadav Invited chairperson for International Pediatric Gastroenterology and Hepatology School for the session on Motility syndromes on 1st Nov. 2019 at Apollo, New Delhi.</td>
</tr>
<tr>
<td>22.03.19</td>
<td>Dr. S. Yadav Participated as Faculty and delivered talk on “Gender assignment and gender identity in DSD: Indian perspective” at AIIMS Workshop and Brainstorming Meeting on Improving Diagnosis and Management of Disorders of Sex Development in Northern India on 2nd November 2019.</td>
</tr>
<tr>
<td>Dr. S. Yadav</td>
<td>Invited speaker for 7th National Conference on Pediatric Education and delivered talk on “Internship a Bridge between Student and Clinician NEET vs NEXT” at Jodhpur 5th Nov 2019</td>
</tr>
<tr>
<td>Dr. S. Yadav</td>
<td>Chairperson for session on Puberty at Biennial ISPAE on 30.11.2019 at Kolkata.</td>
</tr>
<tr>
<td>Dr. S. Yadav</td>
<td>Invited speaker at Biennial ISPAE and delivered talk on Pubertal Disorders: When to Refer at Kolkata on 1.12.2019</td>
</tr>
<tr>
<td>Dr. Seema Kspoor</td>
<td>Appointed Task Force Member of Human Genetics &amp; Genomics by DBT</td>
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<tr>
<td>Dr. Mukta Mantan</td>
<td>Dr. M. Mantan appointed external examiner for Fellowship of national Board of examinations for Pediatric Nephrology held at Banaras Hindu University, Varanasi on 23rd January 2019.</td>
</tr>
<tr>
<td>Dr. Mukta Mantan</td>
<td>Dr. M. Mantan appointed external examiner for DM Pediatric Nephrology exam of AIIMS, Delhi held in May 2019.</td>
</tr>
<tr>
<td>Dr. Mukta Mantan</td>
<td>Dr. M. Mantan appointed external examiner for DM Pediatric Nephrology exam of AIIMS, Delhi held on 17th December 2019.</td>
</tr>
<tr>
<td>Dr. Mukta Mantan</td>
<td>Dr. M. Mantan appointed Member of Committee for preparation of draft guidelines for roll out of peritoneal dialysis program under National Health Mission.</td>
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<tr>
<td>Dr. Mukta Mantan</td>
<td>Dr. M. Mantan appointed Secretary of Pediatric Research and Education Society of India (PRESIDE) in 2019.</td>
</tr>
<tr>
<td>Dr. Mukta Mantan</td>
<td>Dr. M. Mantan judged the oral posters at the 31st annual meeting of Indian Society of Paediatric Nephrology held at Pune from 20-22 December 2019.</td>
</tr>
<tr>
<td>Dr. Anurag Agarwal</td>
<td>Indian Health Care Excellence Award 2019 from Hon able Minister of State for Health SH. Ashwini Choube on 13/10/19 at The Park, CP, Delhi.</td>
</tr>
<tr>
<td>Dr. Anurag Agarwal</td>
<td>MIYCN training on infant feeding at Patna in the month 6-7/3/19</td>
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<tr>
<td>Dr. Anurag Agarwal</td>
<td>Neonatal Resuscitation Protocol at JGH Delhi 23/3/19</td>
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<tr>
<td>Dr. Anurag Agarwal</td>
<td>North Delhi Pediatric Conf as Co Chair person. 24/3/19</td>
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<tr>
<td>Dr. Anurag Agarwal</td>
<td>MIYCN Gorakhpur Medical college 25-26/4/19</td>
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<tr>
<td>Dr. Anurag Agarwal</td>
<td>MIYCN Gaya Medical college 7-8/5/19</td>
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<tr>
<td>Dr. Anurag Agarwal</td>
<td>Lecture on Post Exposure Prophylaxis at CARCON 2017 Tanda Medical College. 14-15/6/19</td>
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<tr>
<td>Dr. Anurag Agarwal</td>
<td>Lecture on Monoclonal Antibody at APCRICON Ranchi Medical College 6-7/7/19</td>
</tr>
<tr>
<td>Dr. Anurag Agarwal</td>
<td>Monitoring instructor at Safdurjung Hospital for IAP-ALS 13/14/7/19</td>
</tr>
<tr>
<td>Dr. Anurag Agarwal</td>
<td>Monitoring instructor at Kalawati Hospital for IAP-ALS 21-22/9/19</td>
</tr>
<tr>
<td>Dr. Anurag Agarwal</td>
<td>PCNI North Pedicon Panel discussion on Rabies prevention 28-29/9/19</td>
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<tr>
<td>Dr. Anurag Agarwal</td>
<td>Mid term conf of CAR Lucknow Session on PEP 16/11/19</td>
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<tr>
<td>Dr. Anurag Agarwal</td>
<td>Adverse Drug Reaction of Vaccines session for Pharmacovigilance workshop at MAMC 12/12/19</td>
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<tr>
<td>Dr. Deepak Kumar</td>
<td>Dr. Deepak Kumar has delivered guest lecture at Pediatric Practical Capsule Course for Post Graduates in the month of December 2019.</td>
</tr>
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</table>

12. **Fellowship:**

| Dr. Romit Saxena | Diploma in Allergy and asthma, 2019 under the aegis of CMC, Vellore and International asthma services |
| Dr. Romit Saxena | Post graduate program in pediatric nutrition under the aegis of Nestlé Nutrition Institute & Boston University School of medicine |

13. **Representation on expert Committee/Bodies:**

<p>| Dr. U. Jhamb | Dr. Urmila Jhamb was nominated by the __MD of LNH (agency) as Chairman of equipment purchase committee at LNH. |
| Dr. U. Jhamb | Dr. Urmila Jhamb was nominated by the __ MD of LNH as member of hospital infection control committee. |
| Dr. U. Jhamb | Dr. Urmila Jhamb was nominated by the __ faculty of medical sciences as Member of committee of courses and examinations. Dr. Urmila Jhamb was nominated by the ESI hospital Faridabad as expert advisor for selection of faculty for pediatrics. |
| Dr. U. Jhamb | Dr. Urmila Jhamb was nominated by the __ NBE as expert for accreditation of Chattisgarh institute of Medical Sciences, Bilaspur. Chattisgarh for DNB pediatrician 23.12.2019 |
| Dr. U. Jhamb | Dr. Urmila Jhamb was nominated by the __ Shimla Public service commission as expert advisor for selection of faculty for pediatrics. |</p>
<table>
<thead>
<tr>
<th>Dr. U. Jhamb</th>
<th>Dr. Urmila Jhamb was nominated by the UPSC as expert advisor to conduct personality test for Medical officers.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. U. Jhamb</td>
<td>Dr. Urmila Jhamb was nominated by the bureau of Indian standards as expert advisor to draft Indian standard “specification for Pedal Operated Resuscitator”</td>
</tr>
<tr>
<td>Dr. S. Yadav</td>
<td>Elected Jt. Secretary Liaison Indian Academy of Pediatrics</td>
</tr>
<tr>
<td>Dr. S. Yadav</td>
<td>Member State Technical Advisory group Govt of NCT Delhi</td>
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<tr>
<td>Dr. S. Yadav</td>
<td>Chairperson State AEFI Committee Govt of NCT Delhi</td>
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<tr>
<td>Dr. S. Yadav</td>
<td>Member STAFI, Govt of NCT Delhi</td>
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<tr>
<td>Dr. S. Yadav</td>
<td>Member AEFI Committee National</td>
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<tr>
<td>Dr. S. Yadav</td>
<td>Advisor Ethics Indian Pediatrics</td>
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<tr>
<td>Dr. S. Yadav</td>
<td>Expert member for UGC Inspection at ILBS June 2019</td>
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<tr>
<td>Dr. S. Yadav</td>
<td>Judge for “Competitive Grand Rounds 2019” on 29th September 2019 at AIIMS, New Delhi.</td>
</tr>
<tr>
<td>Dr. S. Yadav</td>
<td>Expert member for AIIMS Workshop and Brainstorming Meeting on Improving Diagnosis and Management of Disorders of Sex Development in Northern India</td>
</tr>
<tr>
<td>Dr. Seema Kapoor</td>
<td>Appointed Task Force Member of Human Genetics &amp; Genomics by DBT.</td>
</tr>
<tr>
<td>Dr Seema Kapoor</td>
<td>Considered as member of Science and Education Committee of the International Society for Newborn Screening</td>
</tr>
<tr>
<td>Dr. Seema Kapoor</td>
<td>Task Force Member of the Artificial Intelligence in Health by DBT</td>
</tr>
<tr>
<td>Dr Seema Kapoor</td>
<td>Considered as Honorary Auditor for Asia Pacific Society of Human Genetics</td>
</tr>
<tr>
<td>Dr. Seema Kapoor</td>
<td>Task Force Member of Rare Diseases by ICMR, DHR, MOHFW and DBT.</td>
</tr>
<tr>
<td>Dr. Seema Kapoor</td>
<td>Member of Task Force for Metabolic errors by the ICMR</td>
</tr>
<tr>
<td>Dr. Seema Kapoor</td>
<td>Member of advisory board of IVF and reproductive Biology center, MAMC, New Delhi</td>
</tr>
<tr>
<td>Dr. Seema Kapoor</td>
<td>Member Task force on Lysosomal storage Disorders by the ICMR</td>
</tr>
<tr>
<td>Dr. Seema Kapoor</td>
<td>Reviewer for Indian Pediatrics, Indian Journal of Pediatrics Journal of Pediatric Genetics &amp; Metabolism, World Journal of Pediatrics</td>
</tr>
<tr>
<td>Dr. Seema Kapoor</td>
<td>Member of the small molecule group registry under the registry</td>
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<tr>
<td>Dr. Seema Kapoor</td>
<td>Member of the Central PNDT committee</td>
</tr>
<tr>
<td>Dr. Seema Kapoor</td>
<td>Member of the National Newborn Screening Committee</td>
</tr>
<tr>
<td>Dr. Seema Kapoor</td>
<td>Evaluator For DM thesis on Genetics &amp; Immunology</td>
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<tr>
<td>Dr. Seema Kapoor</td>
<td>Examiner for DNB superspeciality of Medical Genetics</td>
</tr>
<tr>
<td>Dr. D. Mishra</td>
<td>Dr. D. Mishra was nominated to the Project review Committee on Child Health of ICMR.</td>
</tr>
<tr>
<td>Dr. Anurag Agarwal</td>
<td>Dr. ANURAG AGARWAL was nominated by the NATIONAL CENTRE FOR DISEASE CONTROL (agency) as expert advisor to develop the National guidelines for management of animal bites.</td>
</tr>
<tr>
<td>Dr. Anurag Agarwal</td>
<td>As member of State Technical Advisory Group on Immunization from Delhi IAP.</td>
</tr>
<tr>
<td>Dr. Romit Saxena</td>
<td>As an expert for inquiry committees for Delhi Medical Council</td>
</tr>
<tr>
<td>Dr. Romit Saxena</td>
<td>Participated in the Eleventh meeting of Anaesthetic, Resuscitation and Allied Equipment Sectional Committee, MHD 11, on 18.12.2019</td>
</tr>
</tbody>
</table>

14. **Health Services to the Community:**
Health centre activities/camp/drives/national programme etc.

| Dr. S. Yadav | Invited panelist for DD Total Health on Importance of Immunization 22nd Dec 2019 |
| Dr. Seema Kapoor | Disability Board for LN Hospital for evaluation of challenged children. |
| Dr. Seema Kapoor | Helping support for formation of the Down Syndrome support group |

15. **Lab Data:**
a) Name of the Lab: **Pediatric Research Lab & Genetic Lab**
b) Name and no of the test perform
c) Percentage of growth compared to last year.
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Clinical New Genetic cases in the Year 2018: 1500 (One thousand five hundred)
Follow up cases each week- ranging between13-30 every Monday, undergoing this year; Old cases followed up: 3200

16. New Facilities added:

<table>
<thead>
<tr>
<th>Name</th>
<th>Facility Information</th>
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<tbody>
<tr>
<td>Dr. U. Jhamb</td>
<td>Expansion of emergency and PICU services.</td>
</tr>
<tr>
<td>Dr. U. Jhamb</td>
<td>Start of dedicated pediatric oncology services in the department of Pediatrics.</td>
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<tr>
<td>Dr. Seema Kapoor</td>
<td>Automated Cytogenetics with Idiogram</td>
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<tr>
<td>Dr. Seema Kapoor</td>
<td>Interphase  FISH for 21, 18, 13</td>
</tr>
<tr>
<td>Dr. Deepak Kumar</td>
<td>Specialty clinic- Primary Immuno-deficiency Disorders. Friday 2 PM</td>
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17. Any other worth mentioning information

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Dr. U. Jhamb</td>
<td>Best thesis award given in MAMCOS annual conference to thesis of PG student Dr Akshita (Protocolized sedation versus usual sedation practice in mechanically ventilated children in Pediatric Intensive Care Unit.)</td>
</tr>
<tr>
<td>Dr. U. Jhamb</td>
<td>UGs from MAMC won the IAP quiz (Pediatrics) at Pedicon 2020.</td>
</tr>
<tr>
<td>Dr. U. Jhamb</td>
<td>Examiner DCH Pediatrics University of Delhi, April 2019</td>
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<tr>
<td>Dr. U. Jhamb</td>
<td>DNB Examiner at Chennai, November 2019</td>
</tr>
<tr>
<td>Dr. S. Yadav</td>
<td>Examiner MD Pediatrics University of Delhi, April 2019</td>
</tr>
<tr>
<td>Dr. S. Yadav</td>
<td>DNB Examiner at Hyderabad May 2019, Chennai 2019</td>
</tr>
<tr>
<td>Dr. Seema Kapoor</td>
<td>Dr Puja Chaudhary was awarded the IAP Delhi Dr. Satya Gupta Award during IAP Delhi Annual Day Function 2019 for best research in Social Pediatrics.</td>
</tr>
<tr>
<td>Dr Seema Kapoor</td>
<td>Travel Awards given to Mr Ankur Jindal(PhD student of the department) for his Phd Work to Singapore ISPD held on 8th Sep, 2019</td>
</tr>
<tr>
<td>Dr Seema Kapoor</td>
<td>Best Presentation Award given to Mr Bijo Varughese (PhD student of the department) in ISIEM, 2019 on 18th-20th Jan, 2019</td>
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<tr>
<td>Dr Seema Kapoor</td>
<td>ISIEM President Special Award or most innovative research work to Mr. Somesh Kumar (PhD student of the department) in ISIEM, 2019 on 18th – 20th Jan, 2019</td>
</tr>
</tbody>
</table>
PAEDIATRIC SURGERY

1. Faculty
Director Prof. Dr. Yogesh Kumar Sarin, MS, DipNB, MCh, MBA (HCA)
Prof. Dr. Simmi Kaur Ratan MCh
Dr. Shasanka Shekhar Panda MCh
Dr. Sujoy Neogi MS, DNB
Dr. Chiranjiv Gupta, MS, MCh
Dr. Prafull Kumar, MS, MCh; CMO (NFSG)

2. Members who have left during the period- Nil

3. Addition to the faculty during the period- Dr. Prafull Kumar, CMO (NFSG) (equated Assistant Professor for teaching purposes).

4. Promotions- Dr. SS Panda and Dr. S Neogi were promoted to Associate Professors.

5. Research schemes
a) Ongoing projects
   a. Dr. SK Ratan completed and submitted report --- Co-investigator in the ongoing intramural project: Distribution of Interstitial Cells of Cajal (ICC) in Hirschsprung disease: an immunohistochemical study.
   b. Dr. SK Ratan started project ‘Occurrence of p53 gene mutations and chromosome anomalies of 1p in children with solid tumours’ towards intramural institutional project. Coinvestigators include Dr. SS Panda and Dr. S. Neogi.

b) Details about thesis completed/ongoing during the year-
   1. Correlation of urinary biomarkers with the findings on renal dynamic scan in children diagnosed with unilateral hydronephrosis due to pelvi-ureteric junction obstruction. MCh Thesis of Dr Shishir Kumar. Supervisor- Dr YK Sarin (completed and submitted to Delhi University)
   2. Outcomes of open versus laparoscopic orchidopexy for unilateral impalpable undescended testes present close to the deep inguinal ring in children: a randomized control study. MCh Thesis of Dr. Aravindh Radhakrishnan. Supervisor- Dr YK Sarin (completed and submitted to Delhi University)
   3. Assessment of urinary bladder wall thickness and renal function in patients with posterior urethral valve. MCh thesis of Dr. Anju Verma. Supervisor: Dr. SK Ratan (completed and submitted to Delhi University)
   4. Comparison of two staged hypospadias repair using urethral plate supplementation with and without raising glanular wings MCh thesis of Dr. Ravindranath. Supervisor: Dr SK Ratan, co-supervisor Dr YK Sarin (completed and submitted to Delhi University)
   5. Study of short-term outcomes of augmentation gastrocystoplasty in children as regards to its efficacy and complications. MCh thesis of Dr. Prakriti Giri. Supervisor- Dr YK Sarin (ongoing)
   7. Prediction of complicated appendicitis using ultrasonography and inflammatory markers. MCh thesis of Dr. Arka Banerjee. Supervisor: Dr. SK Ratan, co-supervisor Dr YK Sarin (ongoing)
   8. Comparison of tabularised incised plate urethroplasty and meatus-based flap flap repair for distal penile hypospadias. MCh thesis of Dr. Mulgir Shivaji Dnyanoba. Supervisor: Dr. SK Ratan, co-supervisor Dr SS Panda (ongoing)
   9. Primary bowel anastomosis or Bishop Koop’s stoma as the surgical management in jejuno-ileal atresia: a randomized trial. MCh thesis of Dr. Lianne D’Mello. Supervisor: Dr YK Sarin (ongoing)
   11. Association of postoperative MRI finding with continence score in patients of anorectal malformation. MCh thesis of Dr. Saibal Chakraborty. Supervisor: Dr SK Ratan, co-supervisor Dr S Neogi (ongoing).
12. Effect of sepsis on survival rate of esophageal atresia using Spitz classification. MCh thesis of Dr. Archana Mardi. Supervisor: Dr SK Ratan, co-supervisor Dr. SS Panda (ongoing).
13. Efficacy of cytology in small round cell tumors. MD (Pathology) thesis of Dr Deepika Rani. Co-supervisor Dr. YK Sarin (ongoing).

7. **Trainees from other agencies- Nil**
8. **Training courses/ Workshops organised**
   1. Department of Pediatric Surgery organized the 12<sup>th</sup> Pediatric Surgery Update 2019 from March 7<sup>th</sup> to 10<sup>th</sup>, 2019 with Director Prof. YK Sarin as the organizing chairperson and Dr. SS Panda as the organizing secretary. **Director Prof. YK Sarin, Dr. SS Panda and Dr. S Neogi delivered the following CME lectures:**
      i. Sarin YK. Surgical techniques for management of vesico-ureteral reflux
      ii. Sarin YK. Posterior urethral valves
      iii. Sarin YK. Epispadias
      iv. Sarin YK. Wilms’ tumor
      v. Panda SS. Ethical issues in fetal surgery
      vi. Neogi S. Congenital diaphragmatic hernia
   2. A CME on ‘Child abuse-awareness and prevention’ was held on November 15<sup>th</sup>, 2019 with Director Prof. YK Sarin as the organizing chairperson and Dr. Chiranjiv Kumar as the organizing secretary. **Dr. YK Sarin delivered following two lectures:**
      i. Introduction to child abuse
      ii. Role of Pediatric Surgeon in management of Child Sexual Abuse.
   3. Delhi Chapter IAPS meet with Symposium on ‘Management of posterior urethral valves’ was held on December 14<sup>th</sup>, 2019 with Director Prof. YK Sarin as the organizing chairperson, Dr. Chiranjiv Kumar as the organizing secretary and Dr. Prafful Kumar as the Joint Secretary. **Dr. YK Sarin delivered lecture ‘Surgical management of vesico-ureteral reflux and bladder augmentation procedures in patient with posterior urethral valve’**.
   4. A CME/workshop for Ayush Health Professionals on Research Methodology was held on December 14<sup>th</sup>, 2019 with Director Prof. YK Sarin as the organizing chairperson and Dr. Chiranjiv Kumar as the organizing secretary. **Dr. YK Sarin delivered lecture** on “Publishing your research”.

9. **Publication of research papers in indexed journals during the period**


10. Books (Written/ edited)/Chapters contributed- Nil

11. Conference/ Workshops/ Symposia attended/ Paper presentation

   1. Director Prof. YK Sarin attended the following conferences:
   a. 14th Pediatric Endoscopic Surgeons of India Conference, PESICON 2019, February 14th-17th, 2019; AIIMS, Jodhpur.
   b. 16th Annual Conference of the Maharashtra Chapter of Indian Association of Pediatric Surgeons, March 23rd-24th, 2019; SRCC Children’s Hospital, Mumbai.
   c. DOSCON 2019, Annual Conference of Delhi Ophthalmological Society; April 13th-14th; Ashoka Hotel, New Delhi.
   d. North India Pediatric Oncology Forum (NIPOF) meeting, July 20th, 2019; Sir Ganga Ram Hospital, New Delhi.
   e. IMPACT 2019- Platinum Jubilee celebrations of Medical Journal Armed Forces India (MJAFI) in collaboration with the Indian Association of Medical Journal Editors (IAMJE) and the World Association of Medical Editors (WAME);September 13th-15th, 2019; Armed Forces Medical College, Pune.
   f. IAPS Delhi Chapter meeting; September 21st-22nd, 2019; Manekshaw Centre, RR Hospital, New Delhi.
   g. PEDICON NZ & PCNI 2019, organized by IAP Delhi State Branch on 28th-29th September 2019; Le Meridian, New Delhi.
   h. 45th Annual National Conference of Indian Association of Pediatric Surgeons (IAPSCON-2019); October 30th, November 3rd, 2019; AIIMS, New Delhi.
   i. One-day faculty-development workshop on ‘How to write a scientific paper’, November 14th, 2019; Department of Pediatrics, Maulana Azad Medical College, New Delhi.
   j. CME on ‘Child abuse-awareness and prevention’, November 15th, 2019; Department of Pediatric Surgery, Maulana Azad Medical College, New Delhi.
   k. CNE workshop for nurses on “Pharmacovigilance for our safety”; November 27th, 2018; Maulana Azad Medical College, New Delhi.
   l. CME/workshop for Ayush Health Professionals on Research Methodology; December 14th, 2019; Maulana Azad Medical College, New Delhi.
   m. Symposium on ‘Bio-markers for the management of critical illness: An Update’ on December 20th, 2019 organised by Department of Biochemistry, GB Pant Institute of Postgraduate Medical Education & Research (GIPMER).

2. Dr. S. Neogi and Dr. Chiranjiv Kumar attended CME on rational use of medicine in public health facilities in Delhi, February 19th-22nd, 2019, organised by Department of Pharmacology, MAMC, New Delhi.

3. MCh residents attended and presented following papers/posters in PESICON 2019, February 14th-17th, 2019; AIIMS, Jodhpur:
   a. Kumar S, Sarin YK, Ratan SK, Panda SS, Neogi S. Anterior urethral valves-Experience from a tertiary care institute in India.
   b. Noonavath RN, Sarin YK, Panda SS, Neogi S. Atypical presentations of Meckel’s diverticulum- role of diagnostic laparoscopy in management.

4. Prof. SK Ratan attended International Conference on Occupational and Environmental Heath in February 2019 at LHMC, New Delhi.

5. MCh residents Dr. Aravindh Radhakrishnan, Dr. Shishsir Kumar, Dr. Anju Verma and Dr. Noonavath RN North India Pediatric Oncology Forum (NIPOF) meeting, July 20th, 2019; Sir Ganga Ram Hospital, New Delhi.
6. MCh residents Dr. Aravindh Radhakrishnan, Dr. Anju Verma and Dr. Ravinder Naik attended the first National meeting on Congenital Diaphragmatic Hernia 2019 organized by the Department of Pediatric Surgery, Apollo, Indraprastha New Delhi on September 15th, 2019.

7. Director Prof. YK Sarin and Prof. SK Ratan attended Workshop on Curriculum Development & Implementation (CDI) for in-house faculty of MAMC, September 25th-27th, 2019 organized by Medical Education Department, MAMC, New Delhi.


9. Faculty Prof. SK Ratan, Dr. SS Panda, Dr. S Neogi and Dr. Chiranjiv Kumar and MCh residents attended and presented following papers/posters in 45th Annual National Conference of Indian Association of Pediatric Surgeons (IAPSCON 2019) October 30th- November 3rd, 2019; AIIMS, New Delhi.
   d. Kumar S, Sarin YK, Ratan SK, Panda SS, Neogi S. Anterior urethral valves-Experience from a tertiary care institute in India.
   e. Radhakrishnan A, Sarin YK, Kumar S, Kumar A. Giant cholelothcal cyst of infancy- a case report.
   f. Radhakrishnan A, Panda SS, Sarin YK, Kumar S. Pharyngocutaneous fistula following accidental foreign body ingestion.
   g. Radhakrishnan A, Neogi S, Panda SS, Sarin YK, Kumar S. Thoracic neurenteric cyst presenting with bleeding per rectum in an infant- an unusual presentation.
   h. Kumar S, Ratan SK, Panda SS, Neogi S, Sarin YK. Anterior urethral valve: Experience from a tertiary care institute in India.
   i. Panda SS, Kumar S, Kumar A. Post traumatic pyloroduodenal transaction- a surgical challenge.
   l. Radhakrishnan A, Neogi S, Panda SS, Ratan SK. Intestinal ascariasis – what’s the end point of conservative management?
   n. Verma A, Neogi S, Panda SS, Ratan SK. Comparison of reinforcing tunica vaginalis flap (TVF) and darts flap (DF) to tubularized incised plate (tip) urethroplasty in distal penile hypospadias.
   o. Kumar C, Ratan SK. Symmetrical pyopagus twins surgical separation in a tertiary centre.
   s. Noonavath RN, Ratan SK, Panda SS, Neogi S. Modified duham smith two stage urethroplasty for proximal hypospadias- our experience.
   v. Kumar S, Panda SS, Radhakrishnan A. Spontaneous resolution of CCAM - a rare presentation.

10. Dr. SS Panda and Dr. Chiranjiv Kumar attended MCI Revised Basic Course Workshop in Medical Education Technologies for MEU Workshop on MCI Revised Basic course December 3rd-5th, 2019 organized by Medical Education Department, MAMC, New Delhi.

11. Dr. SS Panda and Dr. Chiranjiv Kumar attended AETCOM Workshop December 6th, 2019 organized by Medical Education Department, MAMC, New Delhi.
12. Dr. Chiranjeev Kumar and MCh resident Dr. Shishir Kumar had attended one-day faculty-development workshop on ‘How to write a scientific paper’, November 14th, 2019; Department of Pediatrics, Maulana Azad Medical College, New Delhi.

13. MCh residents attended and presented following papers in Delhi State Chapter IAPS meet on December 1st, 2019 in MAMC, New Delhi.
   a. Kumar S, Jain N, Sarin YK. Wilms’ tumor revisited-NWTSG vs SIOP.
   c. Noonavath RN, Sarin YK, Panda SS, Neogi S. Atypical presentations of Meckel’s diverticulum- role of diagnostic laparoscopy in management.
   h. Mulgir S, Ratan SK. Patterns of infection in surgical neonates in a tertiary referral centre of a developing country.

14. Director Prof. YK Sarin co-authored following 2 e-posters in 68th Annual National Conference of Indian Association of Pathologists and Microbiologists (IAPM) and Indian Academy of Pathology- India Division; December 5th – 8th, 2019; (IAP-ID); PGIMER, Chandigarh.[E-Poster Presentation. Indian J Pathol Microbiol. 2019; 62, Suppl S1:43-104].

15. MCh residents Dr. Aravindh Radhakrishnan and Dr. Shishir Kumar attended Hands-on workshop on liver resection during SOS-IAPS, December 20th, J & J Centre, Mumbai.

16. MCh residents attended and presented following papers/posters in Annual conference of SOSCON, SOS-IAPS (Surgical Oncology section of Indian Association of Pediatric Surgeons), December 21st-22nd, Taj Land Ends Hotel, Mumbai.
   a. Kumar S, Jain N, Sarin YK. Wilms' tumor revisited-NWTSG vs SIOP.
   b. Sarin YK, Radhakrishnan A. Outcomes of pediatric liver resections in a resource-restricted setting.

12. Distinguished visitors- Nil

13. Significant events (Honors to Faculty)
   1. Director Prof. YK Sarin continues to be honorary editor-in-chief of an electronic quarterly scientific journal - Journal of Neonatal Surgery (www.jneonatalsurg.com).
   2. Director Prof. YK Sarin continues to be honorary Deputy Editor in Chief, International Journal of Paediatrics and Neonatology (https://actascientific.com/IJPN.php).
   4. Director Prof. YK Sarin continues to be honorary Editor, Open Access Journal of Surgery (OAJS) http://juniperpublishers.com/oajs/editorialboard.php.
   5. Director Prof. YK Sarin continues to be member of the Editorial Board of following journals:
      b. Global Journal of Medical Sciences since 2010.
      d. Open Pediatrics Medicine journal since 2010
      e. Frontiers in Surgery since 2012.
      g. Advances in Surgical Sciences (Science Publishing Group) since 2013.
h. Journal of Indian Medical Association (JIMA) since 2013.
i. APSP Journal of case reports since 2013.
k. Pediatric Hematology Oncology since 2014.
l. Pediatric Education and Research since 2015.

6. **Director Prof. YK Sarin** was reviewer for following scientific journals this year:
   a. Medical Journal of Dr. D.Y. Patil University
   b. Pediatric Hematology and Oncology Journal
   c. Oxford Medical Case reports
   d. Indian Journal of Health Sciences and Biomedical Research (KLEU)
   e. Pediatric Education and Research
   f. Journal of Clinical and Diagnostic Research
   g. Journal of Indian Association of Pediatric Surgeons
   h. Medical Case Reports
   i. Indian Journal of Medical Research
   j. EC Pediatrics
   k. Archives of Medicine and Health Sciences
   l. Indian Journal of Pediatrics
   m. Urology Journal
   n. Research in Pediatrics & Neonatology
   o. Urology Annals
   q. Indian Journal of Medical Research
   r. Tumor Biology.
   s. Archives of International Surgery
   t. BMJ Case Reports
   u. Journal of Advances in Medical and Pharmaceutical Sciences
   v. Archives of International Surgery
   w. Pediatric Urology Case Reports
   x. APSP J Case Reports
   y. Journal of College and Physicians and Surgeons of Pakistan
   z. Journal of Child Science

7. **Director Prof. YK Sarin** continues to be Medical Superintendent, Advanced Pediatric Centre, Lok Nayak Hospital, New Delhi and he also served as Director, Chacha Nehru Bal Chikatsalya (CNBC) for a fortnight from 3/10/19 to 18/10/19.

8. **Director Prof. YK Sarin** was conferred the following awards
   b. Rejoice AYUSH Promotion Award 2019 for Yoga by Rejoice Health Foundation on November 17th, 2019 in New Delhi.
   c. BHARAT KE ANMOL RATNA AWARDS – 2019” in Lifetime Achievement category by Tejasvi Astitva Foundation on December 21st, 2019 in Hyderabad.

9. **Director Prof. YK Sarin** chaired a session on ‘Thoracoscopy’ during 14th Pediatric Endoscopic Surgeons of India Conference, PESICON 2019, February 14th-17th, 2019; AIIMS, Jodhpur.

10. **Director Prof. YK Sarin** chaired a session on recent advances during 16th Annual conference of the Maharashtra Chapter of Indian Association of Pediatric Surgeons, March 23rd-24th, 2019; SRCC Children’s Hospital, Mumbai.

11. **Director Prof. YK Sarin** delivered lecture ‘Pediatric solid tumors and eye signs’ in DOSCON 2019, Annual Conference of Delhi Ophthalmological Society; April 13th-14th, Ashoka Hotel, New Delhi.
12. **Director Prof. YK Sarin was invited as faculty** in Pediatric Surgery Exit Exam module in St. John’s Hospital; June 8th-9th, 2019; St. John’s Hospital, Bengaluru.

13. **Director Prof. YK Sarin was invited as Panelist** on Case Discussions on Rhabdomyosarcoma during North India Pediatric Oncology Forum (NIPOF) meeting, July 20th, 2019; Sir Ganga Ram Hospital, New Delhi.

14. **Director Prof. YK Sarin delivered following lectures** on IMPACT 2019- Platinum Jubilee celebrations of Medical Journal Armed Forces India (MJAFI) in collaboration with the Indian Association of Medical Journal Editors (IAMJE) and the World Association of Medical Editors (WAME) September 13th-15th, 2019; Armed Forces Medical College, Pune.
   a) ‘Expert tips for writing a case report’ in the Instructional Course titled ‘The Case Report’.
   b) ‘Conflict of interest’ in the workshop ‘Ethics in medical publications’.

15. **Director Prof. YK Sarin delivered lecture** on “Not again”- recurrent trachea-esophageal fistula in a CME on “Pediatric Esophageal Disorders” during IAPS Delhi Chapter meeting; September 21st-22nd, 2019; Manekshaw Centre, RR Hospital, New Delhi.

16. **Director Prof. YK Sarin chaired session** titled ‘Mixed Bag’ PEDICON NZ & PCNI 2019, organized by IAP Delhi State Branch on 28th-29th September 2019; Le Meridian, New Delhi.

17. **Director Prof. YK Sarin delivered guest lecture** on ‘Esophageal atresia’; October 16th, 2019; Deptt of Surgery, Haldwani Govt. Medical College, Haldwani.

18. **Director Prof. YK Sarin delivered guest lecture** on ‘Wilms tumor: Paradigm shift in the management of unilateral tumors’ during IAPSCON-2019; October 30th- November 3rd, 2019; AIIMS, New Delhi.

19. **Director Prof. YK Sarin delivered lecture** on ‘Writing title, abstract and introduction’ in one-day faculty-development workshop on ‘How to write a scientific paper’; November 14th, 2019; Department of Pediatrics, Maulana Azad Medical College, New Delhi.

20. **Director Prof. YK Sarin delivered lecture** on ‘Nurses: Role in strengthening pharmacovigilance’ in CNE workshop for nurses on “Pharmacovigilance for our safety”; December 12th, 2019; Maulana Azad Medical College, New Delhi.

21. **Director Prof. YK Sarin participated in debate talking Pro: Biomarkers always help me in clinical decision-making** during symposium on ‘Bio-markers for the management of critical illness: An Update’ on December 20th, 2019 organized by Department of Biochemistry, GB Pant Institute of Postgraduate Medical Education & Research (GIPMER).

22. **Director Prof. YK Sarin was Convenor and Internal Examiner for University of Delhi MCh exit exam held in MAMC New Delhi in July 201 and December 2019.**

23. **Prof. SK Ratan** was reviewer for following scientific journals this year:
   a. Indian Journal of Pediatrics
   b. Journal of Indian Association of Pediatric Surgeons

24. **Prof. SK Ratan was invited as external examiner for MCh Pediatric Surgery exam held at SCB Medical College on July 22nd, 2019.**

25. **Prof. SK Ratan** was reviewer for following scientific journals this year:
   e. Indian Journal of Pediatrics
   f. Journal of Indian Association of Pediatric Surgeons
   g. Frontiers in Pediatrics
   h. International J Urology
   i. Indian Pediatrics

26. **Prof. SK Ratan** delivered lecture on ‘Occupational hazards in surgeons’ in International Conference on Occupational and Environmental Heath in 2019 at LHMC, New Delhi.

27. **Prof. SK Ratan** delivered lecture on ‘Rachipagus—neurosurgical aspects’ in Conjoint twins Conference at 2019 at AIIMS, New Delhi.

28. **Prof. SK Ratan** was elected as executive member of Delhi State Chapter of IAPS.

29. **Dr. S Neogi delivered ‘Management of pediatric surgical cases’ in Department of Pediatric, UCMS in November 2019.**

30. **Dr. S Neogi** was reviewer for following scientific journals this year:
   a. Indian Journal of Pediatrics
   b. Journal of Indian Association of Pediatric Surgeons
29. **Representation on expert committees/bodies**
   
   1. **Director Prof. YK Sarin** was subject expert for selection of permanent faculty for the following:
      
      
      b. AIIMS, Raipur on August 8th, 2019.
      
      c. Banaras Hindu University (BHU) on August 27th, 2019.
   
   2. **Director Prof. YK Sarin** was subject expert for selection of contractual faculty in MAMC on December 12th, 2019.
   
   3. **Prof. SK Ratan** OBC representative for selection panel at Superspecialty Hospital Noida on May 25, 2019.
   
   4. **Prof. SK Ratan** served as external expert for selection of contractual faculty for Atal Bihari Vajpayee Institute of Medical Sciences (ABVIMS), Delhi on September 18th, 2019 and December 4th, 2019.
   
   5. **Prof. SK Ratan** served as OBC representative for selection panel at MAMC, Pediatrics regular Senior Resident on December 5th, 2019.
   
   6. **Prof. SK Ratan, Dr. SS Panda and Dr. S Neogi** represented in Hospital Purchase and/or Maintenance Committee.
   
   7. **Prof. SK Ratan** participated as expert in medical board for assessing disability.

16. **Health Services to the community**-

17. **Lab Data**-

18. **New Facility added**- Nil.

19. **Any other relevant academic information worth mentioning**-

   1. Director Professor Dr. YK Sarin did a course on Health Promotion through Ayurveda and Yoga conducted by Indian Red Cross Society (fifty hours program) in collaboration with Central Council of Research in Ayurveda and Sidha and Morarji Desai Institute of Yoga, New Delhi; June 25th to September 24th, 2019; National Headquarters of Indian Red Cross Society, New Delhi.
   
   2. Assessment of distribution of Interstitial cells of Cajal across upper urinary tract region in children with pelvic ureteric junction obstruction and its correlation with renal sonological parameters. MCh thesis of Dr. Ashish Kumar Tiwari. Supervisor: Prof. SK Ratan, co-supervisor Director Prof. YK Sarin (completed and submitted to Delhi University) was nominated for UC Chakravarty award at IAPS conference held at AIIMS New Delhi on November 1st-3rd, 2019.
PATHOLOGY

Name of the Department- Pathology

1. Name of the Head of the Department: Dr Nita Khurana

<table>
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<tr>
<th>S no</th>
<th>Name of the Faculty</th>
<th>Designation</th>
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<tbody>
<tr>
<td>1</td>
<td>Dr Shyama Jain</td>
<td>Director Professor</td>
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<tr>
<td>2</td>
<td>Dr Nita Khurana</td>
<td>Director Professor &amp; Head</td>
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<tr>
<td>3</td>
<td>Dr Sarika Singh</td>
<td>Professor</td>
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<td>4</td>
<td>Dr Shramana Mandal</td>
<td>Professor</td>
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<tr>
<td>5</td>
<td>Dr Prerna Arora</td>
<td>Associate Professor</td>
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<td>6</td>
<td>Dr Reena Tomar</td>
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<td>7</td>
<td>Dr Nidhi Verma</td>
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<td>8</td>
<td>Dr Meeta Singh</td>
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<td>9</td>
<td>Dr Varuna Mallya</td>
<td>Associate Professor</td>
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<td>10</td>
<td>Dr Parul Tanwar</td>
<td>Assistant Professor</td>
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<td>11</td>
<td>Dr Khuraijam Bembem</td>
<td>Assistant Professor</td>
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2. Members who have left during the period- None

3. Additions to the Faculty during the period- None

4. Research Scheme-
   (a) - On Going-
   1. Role of Cytology in characterisation of primary skin tumours. Dept of Pathology and Dermatology 2018-2021 By Dr Shabnam under Dr Shyama Jain
   2. Clinical Assessment of people living with HIV (PLHIV) with malignancies.Dept of Medicine and Pathology. 2017-2020 –Dr Shyama Jain co supervisor
   3. Role of Diffusion weighted Imaging in the evaluation of Renal Masses. 2017-2020 (Departments of Radiodiagnosis, Pathology and Surgery) Dr Shyama Jain co supervisor
   4. Ultrasonography based Thyroid Imaging Reporting and data System (TIRADS)in risk stratification of malignancy in Thyroid nodules. 2017-2020 (Departments of Radiodiagnosis, Pathology) Dr Shyama Jain co supervisor
   5. Assessment of hormone receptor expression heterogeneity in carcinoma breast: An immunohistochemical study by Dr. Priyanka Yadav Under Dr Nita Khurana.
   6. Diagnostic Utility of IHC and DIF in Primary cicatrical alopecia by Dr Yankila with Dr Nita Khurana As supervisor
   7. Prognostic significance of intramural and extramural lymphovascular invasion in colorectal carcinoma- By Dr Amritha P S under supervisor ship of Dr Varuna Mallya and co supervisor ship of Dr Nita Khurana
   8. Fat Clearing versus manual dissection of axillary specimens of carcinoma breast - By Dr Raunak Ahalawat under supervisor ship of Dr Varuna Mallya and co supervisorship of Dr Nita Khurana
   9. MRU Project submitted, approved titled : Expression of kmt2a/mll gene translocations in pediatric acute lymphoblastic leukemia by fluorescence in situ hybridisation and its correlation with flow cytometry and polymerase chain reaction By Dr Sarika Singh
   11. Thesis Dheeraj Dr. Guddanti dheeraj kumar. Thesis titled:To study the association ofLymphocytes, Macrophages andDendritic cells infiltration inEndometrial Carcinoma. supervisor ship of Dr Shramana Mandal
   12. Dr Reena Tomar is Co supervisor in intramural ongoing project on “manual liquid based cytology”
   13. Morphological and Immunohistochemical Study of Human Papillomavirus-Related Carcinomas of the Sinonasal tract by Dr. Khuraijam Bembem. As investigator and Dr Nita Khurana As co investigator
   15. Thesis: Cytological expression of hTERT, CD56, HBME-1 in thyroid neoplasm by Dr Anjali Mittal under supervisor ship of Dr Meeta singh
   16. Expression of WT1, Cylin D1 and p53 in acute leukemia by Dr Priyanka Bellichuki Under Dr Prerna Arora.
   17. Extra-mural project evaluating the utility of artificial intelligence in differential diagnosis of thyroid tumors viz. Non -invasive follicular thyroid neoplasm with papillary like nuclear features (NIFTP), follicular variant of
papillary thyroid carcinoma (FVPTC), classical papillary thyroid carcinoma (cPTC), follicular adenoma (FA) and hyperplastic/adenomatous nodules (HTN) By Dr Meeta Singh with Dr Shipra Aggarwal, AIIMS as PI

18. Flow cytometric analysis of CD200, CD27, CD81 and CD56 in plasma cells disorders. Dr Chumbeni Ngullie Under Dr. Sarika Singh

19. Comparative assessment of the Paris system for reporting urine cytology with the conventional system in reporting in the diagnosis of urinary bladder carcinoma. Dr Vindhyaprabha Hegde under Dr Nidhi Verma and Dr. S. Jain

20. Expression of BCL 6 and p53 in CML. Dr Rakesh under Dr. Prerna Arora

21. Efficacy of cytology in small round cell tumors. Dr Deepika under Dr Nidhi Verm

22. Expression of kmt2a/mll gene translocations in pediatric acute lymphoblastic leukemia by fluorescence in situ hybridisation and its correlation with flow cytometry. Dr. Shubra Singhal Thesis under Dr Sarika Singh

(b) Details of thesis completed during the current year-

1. Effect of Iron Deficiency Anemia on Immune status in children. Dept of Pathology, Pediatrics and Biochemistry 2017-2020 by Dr Nimisha under Dr Shyama Jain

2. Study of phenotypes of preterm birth syndromes and their association with neonatal outcomes. Departments of Neonatology and Pathology. 2016-2019 Under co supervision of Dr Shyama Jain

3. Immunohistochemical Expression of EBV in Hodgkin Disease. 2016-2019. Departments of Pathology Medicine and Surgery Under co supervision of Dr Shyama Jain

4. To assess the utility and limitations of Fine needle aspiration cytology in the diagnosis of Jawlesions. 2017-2020. (Departments of Pathology, ENT and Oral Pathology) co supervisor ship of Dr Shyama Jain

5. Application of the Milan system for reporting salivary gland cytology' and its histological correlation for risk stratification. By Dr Bhagyashree Under Dr S Jain

6. Immunohistochemical Staining For Immunoglobulins In Cutaneous vesiculobullous Lesions: Comparison With Direct Immunofluorescence. Dr Deepika Rana under supervision of Dr Nita Khurana

7. Role of Doppler sonography and MRI in postabortion and postpartum patients with abnormal bleeding per vaginum. Dr. Swasti Pathak As co supervisor under Dr Nita Khurana

8. Thesis: student Lity Dhar Thesis titled: Association of Human Papilloma virus and Epstein Barr virus with Squamous cell carcinoma of Upper aero digestive tract under supervisor ship of Dr Sarika Singh

9. Thesis student kanika Gupta thesis Titled: To study the expression of p16, EGFR and CD44 in Squamous Cell Carcinoma Uterine Cervix.supervisor ship of Dr Shravana Mandal

10. To assess the utility and limitations of fine needle aspiration cytology in diagnosis of jaw lesions by Dr Shruti Thakur Under Dr N Verma.

11. STS project completed: Evaluation of use of rpmi-medium to preserve cell morphology in pleural / peritoneal effusions by Arman Seith under supervisor ship of Dr Meeta singh

12. INTRAMURAL : Distribution of interstitial cells of cajal (icc) in hirshsprung disease: An immunohistochemical study dr. Prerna arora

5. Trainees from other agencies- MLT students from various Delhi govt institutes for practical training in the histopathology, hematology and cytology laboratories

6. Training Course/ Conferences/Workshops organized:
   - Cytology workshop on “Cytological approach to lymph node lesions” organised by Department of Pathology, MAMC, New Delhi on 23rd Feb 2019.
   - Delhi state Annual Conference of Indian Association of pathologists and Microbiologists -DAPCON 2019 organised by Department of Pathology, MAMC, New Delhi on 17th March 2019.
   - Workshop on “Bone Marrow Biopsy Immunohistochemistry” during 60 Annual Conference of Indian Association of Hematology and transfuion Medicine Hematocon , Organised by Department of Pathology,MAMC, New Delhi on 7th NOv 2019.

7. Publications during the period-Clinico-radiological Follow up of Familial Aggressive Cherubism: A Case Series


8. Books/Chapters/Contributed-

9 Conferences/Workshops/Symposiums attended-
- Annual Conference of Delhi Chapter, IAC organised by VMMC and Safdarjung Hospital on 21 Sept 2019 attended by Dr Parul Tanwar, Dr Varuna Mallya, Dr Reena Tomar, Dr Nidhi Verma, Dr Shrmana Mandal, Dr Meeta Singh, Dr Bembem, and 10 residents
- APCON 2019 held at PGI Chandigarh attended by Dr Shramana Mandal (Oral paper presented), Dr Reena Tomar (Poster Presented - Pediatric RMS with Anaplasia), Dr Varuna Mallya (Poster Presented - Does MELF Pattern of invasion signal worse prognosis in Endometrioid endometrial adenocarcinoma?) and five residents
- National Haematology conference Haematocon 2019 in Delhi attended by Dr. Sarika, Dr. Preena and six residents
- Cytocon 2019 Nov 1-3 PGI Chandigarh attended by Dr Shyama Jain, Dr Nidhi Verma and Dr. Meeta Singh and eight residents
- 20th International Congress of Cytology, 5-9th May 2019 Sydney Australia. Attended by Dr S Jain, Dr Meeta Singh presented poster “Fine Needle Aspiration Cytology of Primary Thyroid Non-Hodgkins lymphoma: Experience from a Tertiary care center of North CME on Pediatric pathology :current trends and perspective, SSPH, PGTI Noida 16 March 2019 attended by Dr. Nita Khurana, Dr. Preema Arora
- First Annual Meeting of Asian Society of Dermatopathology Held from Nov 11-17, 2019 attended by Dr. Nita Khurana and two residents Dr. Dimple and Dr. Deepika and presented two oral papers
- Up Cytocon attended by five resident and Dr. S. Jain, Dr. Nidhi Verma and Dr. Meeta Singh
- Annual Conference of IAPM-Delhi Chapter DAPCON attended by all 11 faculty members and 28 residents
- Annual meeting of Delhi Society of Hematology organized by Ganga Ram Hospital, 2019 attended by Dr Sarika, Dr. Preema and Dr. Bembem, along with eight residents
- Quarterly meet, Delhi Chapter IAPM organised by R&R Hospital, New Delhi on 23rd Nov 2019 attended by Dr Nita Khurana, Dr Parul Tanwar, Dr Shramana Mandal, Dr Varuna Mallya
- Quarterly meet of Delhi Chapter of Indian Association of pathologists and Microbiologists at Safdarjung attended by Dr Nita Khurana, Dr. S. Mandal, Dr Reena Tomar, Dr Varuna Mallya, Dr Bembem and Dr. Parul Tanwar
- RGCON 2019 organized by Rajiv Gandhi Cancer Institute and Research Center, New Delhi held on 8th-10th Feb 2019 attended by Dr Parul Tanwar
- Max Northcon 2019 organised by Max superspeciality hospital, Shalimar Bagh, New Delhi on 17th Feb 2019 attended by Dr Parul Tanwar
- International CME on Lymphoma organized by Department of Pathology, AIIMS, New Delhi on 6th and 7th March 2019 attended by Dr. Preema Arora, Dr Parul Tanwar, Dr Bembem
- CME on ‘Role Of Lab Diagnosis In Immunological Disorders’ organised by Department of Biochemistry, MAMC, New Delhi on 16th March 2019 attended by Dr Parul Tanwar, Dr Bembem
- Workshop on “Competency based medical education” organised by Department of Medical Education, MAMC, New Delhi on 25-27th Sept 2019. Attended by Dr Parul Tanwar, Dr Shramana Mandal
- Immuno-Oncology Summit, Organised by Rajiv Gandhi Cancer Institute and Research Center, New Delhi held on 9th Nov 2019 attended by Dr Parul Tanwar
- Workshop on “How to write a scientific paper” organised by Department of Pediatrics, MAMC, New Delhi on 14th Nov 2019 attended by Dr Parul Tanwar, Dr. Reena Tomar and Dr. Bembem
- National conference on cytometry TCS at Lucknow attended by Dr. Sarika Singh and Dr. Shruti and presented a poster (Aug 2019). Dermatopathology workshop at SJH 2019 attended by Dr Reena Tomar,

Conference Presentations-
1) Role of Fine needle Aspiration Cytology in the Diagnosis of Malignant Bone tumors. Jain S, Sailo L, Gautam VK, Khurana N. 20th International Congress of Cytology ‘ICC 2019’ Sydney, Australia, May 5-9, 2019 (Selected as best Poster for Presentation)


6. Nishant Sagar, T. Singh, N. Gupta, N. Khurana. Immunophenotyping features (FCM) and histomorphology in diagnosis of Chronic lymphoproliferative disorder, presented at DAPCON 2019 34th Annual Conference of Delhi Chapter on March 17, 2019


Chapter on March 17, 2019.


27. Amritha. P. S, Preerna Arora, Bembem Khuraijam, Parul Tanwar, Sarika Singh, Deepika Rana et al. Spectrum of anemia in infants: A retrospective study in a tertiary care center. At 30th annual conference of DSH held by Gangaram on 15th September


29. Vindhya prabha Hegde, Sarika Singh, Pallavi Sinha. Role of flowcytometry in chronic myelogenous leukemia blastcisis: essentiality cannot be negated. At 30th annual conference of DSH held by Gangaram on 15th September

30. Chumbeni Ngullie, Sarika Singh, Preerna Arora, Naresh Gupta. Role of multiparametric flowcytometry in predicting the probability of leukemic spill over of myeloma. At 30th annual conference of DSH held by Gangaram on 15th September

31. Shabnam Singh, Prerna Arora, Bembem Khuraijam, M. Manthan. Flowcytometry evolution of lymphocytes in a patient with steroid resistant nephritic syndrome (SRNS) on Rituximab therapy. At 30th annual conference of DSH held by Gangaram on 15th September

32. Raunak Ahlawat, Preerna Arora, Dimple, RS Ahlawat. Unusual hematological presentation in Giardiasis. At 30th annual conference of DSH held by Gangaram on 15th September

33. Priyanka Bellichukki, Prerna Arora, Nita Khurana, Shramana Mandal, Varuna Mallya, Meeta Singh, Ashima Dabbas. Unusual association of pure red cell aplasia with myelofibrosis. At 30th annual conference of DSH held by Gangaram on 15th September

34. Bhagyashree Priyadarshinee, Prerna Arora, Nidhi Verma, Khuraijam Bembem, Pawaninder Lal, M.K. Daga et al. Atypical presentation of filariasis masquerading as neoplastic lesion without eosinophilia. At 30th annual conference of DSH held by Gangaram on 15th September

35. Anjali Mittal, Parul Tanwar, Khuraijam Bembem, Takutila M Ozukum. Homozygous delta beta (δβ) thalassemia: A rare cause of elevated fetal hemoglobin. At 30th annual conference of DSH held by Gangaram on 15th September


37. Rakesh, Prerna Arora, Naresh Gupta. Anabolic steroids induced chronic myeloid leukemia: Rare coincidence or etiology, a diagnostic dilemma? At 30th annual conference of DSH held by Gangaram on 15th September

38. Deepika, Preerna Arora, Bembem Khuraijam, Devendra Mishra. Childhood myelodysplastic syndrome (MDS): A study of 2 cases in young children with fatal outcome. At 30th annual conference of DSH held by Gangaram on 15th September


40. Nimisha Dhanak, Richa Gupta, Shyam Lata Jain, Shramana Mandal, Monica Juneja, Smita Kaushik. Effect of Iron deficiency anemia on immune status and monocye subset population in children..60th Annual conference of Indian Society of Hematology and Blood Transfusionat AIIMS Delhi 7-10 November
Vindhyaprabha Hegde, Sarika Singh, Pallavi Sinha. Role of flowcytometry in chronic myelogenous leukemia blast crisis: essentiality cannot be negated. 60th Annual conference of Indian Society of Hematology and Blood Transfusionat AIIMS Delhi 7-10 November

Chumbeni Ngullie, Sarika Singh, Preema Arora, Naresh Gupta. Role of multiparametric flowcytometry in predicting the probability of leukemic spill over of myeloma.

Shubhra Singhal, Preema Arora, Nita Khurana, Ashima Dabbas, Sangeeta Yadav. Unusual association of pure red cell aplasia with myelofibrosis. 60th Annual conference of Indian Society of Hematology and Blood Transfusion at AIIMS Delhi 7-10 November

Rakesh, Preema Arora, Naresh Gupta. Anabolic steroids induced chronic myeloid leukemia: Rare coincidence or etiology, a diagnostic dilemma. 60th Annual conference of Indian Society of Hematology and Blood Transfusion at AIIMS Delhi 7-10 November

Gunjan nain, meeta singh, deepika, shyama jain, P. Lal. Cytological grading system in breast carcinoma: correlation with established grading system, hormonal status and Ki 67 PI. At UP CYTOCON

Sakshi dahiya, shyam lata hain, meeta singh, nidhi verma. Bilateral carotid body tumor report of two cases diagnosed on cytology. At UP CYTOCON

Shruti Thakur, nidhi verma, meeta singh, reena tomar, shyam lata jain, priya kumar. Unusual fibro-osseus lesions of jaw: cyto-histological correlation. At UP CYTOCON

Bhagyashree Priyadarshini, varuna mallya, nidhi verma, shyama jain, Nita Khurana, P. K. Rathore. Mmmmary analogue secretory carcinoma of parotid – a diagnostic dilemma on cytology. At UP CYTOCON

Nilimsha Dhankar, Shyam Lata Jain, Reena Tomar. Dermatofibrosarcoma protuberans with lymph node metastasis– an unusual case. At UP CYTOCON


Neha parashar, Bembem Khuraijam, shyama jain. Metastatic nodular hidradenoma: a diagnostic challenge on cytology. at 8th Annual Conference of DCIAC at Safdarjung on 21st September 2019

Yankila tamang, shyama jain, meeta singh, sumit sural. Case of Enchondromatosis coexisting with gout: Case report. at 8th Annual Conference of DCIAC at Safdarjung on 21st September 2019

Shruti Thakur, Nidhi Verma, Shyama Jain, Varuna Mallya, Nita Khurana. Melanotic neuroectodermal tumor of infancy at 8th Annual Conference of DCIAC at Safdarjung on 21st September 2019

Deepika Rani, Nidhi Verma, Shyama Jain, Gunjan Nain. Rare incidence and presentation of Breast Aspergillus abscess. at 8th Annual Conference of DCIAC at Safdarjung on 21st September 2019


Amritha PS, Nidhi Verma, Varuna Mallya, Shyama Jain, Ishwar Singh. Unusual presentation of myxofibrosarcoma: A rare entity at 8th Annual Conference of DCIAC at Safdarjung on 21st Sep 2019

Prithika Kushwaha, Toshali Pandey, Radhika Agarwal, Meeta Singh, Shyama Jain. Evaluation of immunocytochemistry on destained Giemsa stained smears as an alternative to conventional techniques. at 8th Annual Conference of DCIAC at Safdarjung on 21st September 2019

Dimple Chaudhary, vishal singh, shramana mandal, nidhi verma, preema arora, shyam lata jain, pawanindra lal. Plasmablastic lymphoma with cutaneous manifestations in an immunocompetent patient: a rare case report with literature review. at 8th Annual Conference of DCIAC at Safdarjung on Sept 2019

Pot pourri– Case of familial androgen insensitivity syndrome- Dr Sakshi Dahiya at 8th Annual Conference of DCIAC at Safdarjung on 21st September 2019

Association of human papilloma virus and epithelial virus with squamous cell carcinoma in upper aerodigestive tract. Lity Dhar at APCON held in PGI Chandigarh

Correlation of p16 and galectin 3 expression in squamous cell carcinomas of buccal mucosa. Shramana Mandal at APCON held in PGI Chandigarh

To study the expression of p16 egfr and cd44 in squamous cell carcinoma uterine cervix. Kanika Gupta at APCON held in PGI Chandigarh

Immunohistochemical characterisation of leucocytic infiltrate and its correlation with histopathological response to chemotherapy in breast cancer - Usha Rani at APCON held in PGI Chandigarh

Childhood Rhabdomyosarcoma with anaplastic (pleomorphic) features and its correlation with histological subtypes - Reena Tomar at APCON held in PGI Chandigarh

Histomorphological spectrum of pediatric liver tumors- an experience in a tertiary care centre - Amritha at
66. Does MELF pattern of myoinvasion in Endometrioid Endometrial Adenocarcinoma signal worse outcomes? - Varuna Mallya at APCON held in PGI Chandigarh

67. Correlation of Inflammatory status of Hyperplastic Prostate Gland with Neutrophil Lymphocyte Ratio and Prostate Specific Antigen - Navpreet Kaur at APCON held in PGI Chandigarh


70. Shruti Thakur, Nidhi Verma, Shyam Lata Jain, Meeta Singh, Ishwar Singh. Utility & Limitations Of Fine Needle Aspiration Cytology (Fnac) In The Diagnosis Of Jaw Lesions. At CYTOCON 7-10Nov PGI Chandigarh

71. Shabnam Singh, Shyam Lata Jain, Priyanka Bellichukki, Nidhi Verma, Meeta Singh. Cytomorphological Spectrum of Nodular and Proliferative fascio-myositis At CYTOCON 7-10Nov PGI Chandigarh

72. Sakshi Dahiya, Meeta Singh, Shyam Lata Jain, Bembem Khuraijam, Naman Suroya. Cytological Diagnosis Of Malignant Mesothelioma: A Case Series At CYTOCON 7-10Nov PGI Chandigarh

73. Guddanti Dheeraj Kumar, Meeta Singh, Shyam Lata Jain, Pritika Kushwaha, Pallavi Sinha, Shyam Lata Jain. Nonmycetoma Subcutaneous Infection Caused By Scedosporium Apiospermum: A Case Report At CYTOCON 7-10Nov PGI Chandigarh

74. Raunak Ahlawat, Meeta Singh, Nishant Sagar, Shyam Lata Jain, Vinay Malhotra. Extramedullary Hematopoiesis In Lymphohemangioendothelioma At CYTOCON 7-10Nov PGI Chandigarh

75. Priyanka Bellichukki, Shabnam Singh, Shyama Lata Jain, Meeta Singh, Gauri Gandhi. Genital Tuberculosis: Presenting As Vulval And Inguinal Masses Masquerading Clinically As Malignancy- A Rare Case Diagnosed On Cytology. At CYTOCON 7-10Nov PGI Chandigarh

76. Usha Rani, Meeta Singh, Armaan Saith, Shyama Jain. Evaluation Of Use Of Rpni Medium To Preserve Cell Morphology For Pleural/Peritoneal Effusion CytologyAt CYTOCON 7-10Nov PGI Chandigarh


81. Deepika Nita Khurana ,Shramana mandal , B.L.Sahoo Use of Immunohistochemical staining (IHC) of complements (C3 and C4d) for the diagnosis of Pemphigus First Annual Meeting of the Asian Society of Dermatopathology and Annual Meeting of the Dermatopathology Society of India, Nov 15-17, 2019

82. Utility of elastic staining & polarized microscopy in lichen planopilaris in cicatricial alopecia Dimple Chaudhary, N. Khurana at First Annual Meeting of the Asian Society of Dermatopathology and Annual Meeting of the Dermatopathology Society of India, November 15-17, 2019


84. Dermatofibrosarcoma protuberans with lymphode metastasis -an unusual case. Reena tomar. At DCIAC,Sept 2019

8. Visitors:
Guest lecture on Dr. Myeloproliferative neoplasms – Who should diagnose” delivered by Dr. T. Singh in MAMC on MArch 17, 2019
Guest Lecture II –“Basics of Immunotherapy – Role of a Pathologist” by Dr. Anurag Mehta , Sr. Consultant & Head , Pathology, Rajiv Gandhi Cancer Institute and Research Centre

9. Significant Events ( Honors to Faculty)
Dr Shyama Jain was Recipient of ‘DMA-Vishisht Chikitsa Ratna Award’ on Doctors day, 30th June 2019, MAMC, New Delhi
10. Significant event (Honors to faculty)

- Dr Shyama Jain was Faculty Speaker in Symposiu, ‘Recent Advances in Parkinsons Disease—Etiology and Pathogenesis of Parkinsons disease’, Department of Physiology MAMC, Feb 2019
- Dr Shyama Jain was Faculty Speaker in Workshop ‘Cyto logical Diagnosis of Lymphoid Lesions: Infectious Lesions’, February 2019 in Department of pathology MAMC, New Delhi, Feb 2019.
- Dr Shyama Jain was External Examiner, MD Pathology, NIMS, Jaipur, 10, 11, April 2019
- Dr Shyama Jain was Paper Setter MD Pathology, Faridkot Punjab, April 2019.
- Dr Shyama Jain was Faculty speaker in the symposium-cum-companion meeting in International Conference: ‘Image guided Fine Needle Aspiration Cytology’ 20th International Congress of Cytology ‘ICC 2019’ Sydney, Australia, May 5-9, 2019
- Dr. S. Jain is Chairperson & member committee, PG protocol Committee, MAMC, Sep, 2019. Dr Shyama Jain was Faculty Speaker in Workshop on Telepathology: Clinicopathological Conference on Pediatric Gastro-hepatopathology’, Fortis Escort Heart Institute, New Delhi, 3rd Sept 2019
- Dr Shyama Jain was Chairperson for ‘Guest lecture session’ in Delhi Chapter-IAC, 21st Sept 2019, VMMC, New Delhi
- Dr Shyama Jain was Panel Member in ‘Breast Pathology: FNAC Versus Core Biopsy’ in UP - CYTOCON, organized by Super speciality Hospital NOIDA, 28-29th Sept 2019.
- Dr Shyama Jain was Faculty Speaker in CME on Pearls, Perils and Pitfalls in Effusion Cytology’, in CYTOCON-2019, Organized by PGIMER, Chandigarh, 7-9th Nov 2019
- Dr Shyama Jain was Chairperson for Guest lecture session in’ CYTOCON-2019’, Organized by PGIMER, Chandigarh, 7-9th Nov 2019
- Dr Shyama Jain was Faculty Speaker in CME, delivered a lecture on ‘Approach to Cytological Diagnosis to Breast Lesions’ SGT University, Gurgaon, 24th Nov 2019.
- Dr Nita Khurana was nominated by the Subharti Medical College, Meerut (agency) as expert/advisor to External Expert in the Board of studies for PhD research projects
- Dr Nita Khurana was nominated by the Hamdard Institute of Medical Sciences and Research, Jamia Hamdard University, New Delhi as expert/advisor to External Expert in the Board of studies for MD Pathology curriculum
- Dr Nita Khurana was an external expert at Jamia Hamdard University, JanakPuri Superspeciality hospital, BSA Medical College and Hospital, ESI hospital, North DMC.RML hospital New Delhi as expert/advisor to External expert in selection board for faculty positions
- Dr Nita Khurana was nominated by the Institutional Protocol committee as expert/advisor to for postgraduate and postdoctoral research thesis
- Dr Nita Khurana was nominated by the Department of Radiotherapy, LNH as member tumour board
- Dr Nita Khurana was nominated by the as External examiner for DNB Pathology Examination and Examiner for M.D. Pathology examination Of IP University, SMS College,Jaipur, JIPMER, Puducherry
- Dr Nita Khurana appointed for Thesis Evaluation for MD Pathology thesis of Baba Faridkot University, Punjab, Pt. BD Sharma University of Health Sciences., Rohtak, Haryana., Sharda university ,Noida’ Punjab university,and AIIMS, Delhi
- Dr Nita Khurana was a resource person in NTTC and MCI Basic training workshops for medical teachers at the nodal Medical Education Department of MAMC and capsule courses for senior residents in Medical Education Department and conduct regular workshops.
- Dr Nita Khurana was a resource person for the institutional postgraduate orientation programme.
- Dr Nita Khurana Organised preconference workshop on ‘Bone marrow immunohistochemistry in hematologic disorders of Annual Hematocon 2019 Conference of Indian Society of Hematology and Blood transfusion at MAMC in capacity of Local Coordinator
- Dr Sarika visited and took a guest lecture in department of Paediatrics, MAMC in a CME/Workshop on PID in sept 2019
- Dr Sarika took a Lecture on role of immunohistochemistry in metastatic lesions of bone marrow biopsy, Nov 2019 Haematocon workshop MAMC
- Dr Sarika took a Lecture on flowcytometry and bed side haematology, CME in paediatrics, MAMC Dec 2019
- Dr Sarika took a lecture on Attended national conference FOPCON Jaipur, chaired session and participated in panel discussion as panellist on Lymphoma and myeloproliferative disorders
• Dr Sarika Adjudged poster session in DAPCON MAMC March 2019
• Dr Sarika attended and judged the posters session at Annual DSH at SGRH Sept 2019
• Dr Sarika Singh went as an expert for selection of Assistant professor for Andaman and nicobar Medical college March 2019
• Shramana Mandal was a panelist in borderline ovarian tumours. Update on Ovarian Tumours 23rd March organized by the Department of Obstetrics and Gynecology, MAMC
• Dr. Prerna Arora was Section editor Haematology in “International Journal of Pathology and Laboratory Medicine” (IJPLM) by Path logos Publishers. INDIA
• Dr. Prerna Arora took lecture on Utility of flow cytometry in lymph node aspirates at DC IAC workshop held at MAMC
• Dr. Prerna Arora took lecture on Role of IHC in gammopathies at workshop on bone marrow biopsy and IHC. HEMATOCON 2019 held at MAMC
• Dr Reena Tomar Organised VIIHASA workshop on 31st March 2019 at MAMC on “Cooperation” for Facutly and students.
• Dr Reena Tomar Delivered Guest lecture on Carcinoma awareness at Global hospital and research centre at Mt Abu, on 20th June 2019.
• Dr Nita Khurana Judged the oral paper session of Conference of Asian Society of Dermatopathology and Dermatopathology Society of India held at Hotel Eros, Nehru place ,New Delhi from Nov 15-17, 2019
• Dr Nita Khurana delivered a guest lecture on Ovarian Tumours – Pathologists perspective at Ovarian tumour Update Organised by Department of Obstetrics and gynecology, MAMC& LNH, March 2019
• Dr Nita Khurana delivered a guest lecture on Pediatric solid lesions : an immunohistochemical approach. At pediatric pathology Update organized by Superspecialtiy Childrens Hospital, Noida, March 2019
• Dr Nita Khurana delivered a guest lecture on Carcinoma breast- molecular classification and its therapeutic implication at CME in pathology and 12th Annual Conference of APP, Haryana organized by FMHS and SGT University, Gurugram, November 2019
• Dr Nita Khurana was a Panelist in panel Discussion “Aglorithmic Approach to solitary thyroid nodule “ at 6th Annual CME, Surgery organized at ESI- PGIMSR, Department of Surgery on “Thyroid Diseases – from crux to consensus”
• Dr Nita Khurana delivered a Guest lecture on “Molecular and Pathological Analysis of thyroid nodules “ at 6th Annual CME, Surgery organized at ESI- PGIMSR, Department of Surgery on “Thyroid Diseases – from crux to consensus” on Nov 9, 2019
• Dr Nita Khurana delivered a Trouble shooting in Immunohistochemistry- Lecture at preconference Hemocon workshop of Annual Conference of Indian Association of hematology and Blood transfusion, November 7, 2019
• Dr Nita Khurana delivered a Guest lecture on “Assessment of Adnexal mass” at the fourth Annual Conference of Conference of the PRESIDE Pediatric Research Education held at MAMC, New Delhi
• Dr Nita Khurana delivered a Guest lecture on “Assessment of Adnexal mass” at the fourth Annual Conference of Conference of the PRESIDE Pediatric Research Education held at MAMC, New Delhi
• Dr Nita Khurana delivered a Guest lecture on “Cutaneous tuberculosis – Histopathologic Mimics ” at CME on Cutaneous tuberculosis – A multidisciplinary approach, organized by Department of Dermatology, MAMC July 28, 2019
• Dr Shramana Mandal Adjudged poster session in DCIACVMCC September 2019
• Dr Meeta Singh delivered a lecture on “Normal lymphnode cytology” at Cytology workshop on “Cytological approach to lymph node lesions” organised by Department of Pathology, MAMC, New Delhi on 23rd Feb 2019
• Dr Meeta Singh presented a case at International CME on Lymphoma organized by Department of Pathology, AIIMS, New Delhi on 6th and 7th March 2019

11. Fellowship- Nil
12. Representation of expert Committee/ Bodies
I. Dr Shyama Jain was Member Expert, DMC, CSIR, AIIMS, ES, DU, IP university, ICPO (NOIDA), regularly attending all meetings.
II. Dr Shyama Jain is Reviewer for many International Journals and national Journals; member executive for Journal Of Cytology
III. Dr Nita Khurana is Treasurer of College magazine Synapse
IV. Dr Nita Khurana is Member College curriculum committee
V. Dr Nita Khurana is Member of committee For L.G. Governors rolling trophy award
VI. Dr Nita Khurana is Member of Committee for KB Sharma Rolling Trophy.
VII. Dr Nita Khurana is Member committee for R.P. Mathur  Best postgraduate pathology award
VIII. Dr Nita Khurana is Member Institutional Ethics Committee Maulana Azad Medical College 
IX. Dr Nita Khurana is Member of ‘Committee of Courses and Studies’ in Pathology , University of Delhi
X. Dr Nita Khurana is Member Committee for drafting criteria for PhD pathology at Delhi University
XI. Dr Nita Khurana is Co-Chairperson of Post Graduate Cell for approval of Thesis/Protocols of the MAMC PG students and superspeciality students of GIPMER.
XII. Dr Nita Khurana was instrumental in Organizing CPCs in collaboration with Department of Medicine, Department of Surgery and Department of Otorhinoloaryngology, Department of Radiotherapy
XIII. Dr Nita Khurana was Organizing chairperson of 34th Annual conference of Delhi Chapter- Indian Association of Pathologists and Microbiologists at MAMC, on March 17, 2019
XIV. Dr Nita Khurana is Executive Member, Indian Association of Pathologists & Microbiologists- Delhi Chapter
XV. Dr Sarika Singh is the Executive member of Delhi Society Of Hematology

13. Health Services to Community- Health services to the community
Department being the nodal center receives samples of Stree Shakti Programme and Cancer Control Programme from various camps held in Delhi and routinely samples from cancer diagnosis from other Delhi Government hospitals for processing and reporting
Residents and staff members of the Department of pathology participate in the Pulse Polio Programme regularly

<table>
<thead>
<tr>
<th>Lab Data-</th>
<th>Name of Lab</th>
<th>Name and number of tests performed</th>
<th>Percentage of growth as compared to last year (2018)</th>
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<td>Hematology</td>
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<td>HPLC- 777</td>
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<td>G6PD-513</td>
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<td>Flow Cytometry- 298</td>
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<td>Bone Marrow biopsy-433</td>
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<td>Pap Smear- 3055</td>
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<td>Direct immunofluorescence 156</td>
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<td>Autopsy organ samples -22</td>
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</table>

15). New Facilities Added
Elisa reader, 6 part hematology analyser, Thermocycler,
Pap Smear reporting started by Department of Pathology
PHARMACOLOGY

Name of Head of Department: Dr Vandana Roy

1 Faculty

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Name of Faculty</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dr Vandana Roy</td>
<td>Director Professor and Head</td>
</tr>
<tr>
<td>2</td>
<td>Dr. Shalini Chawla</td>
<td>Director Professor</td>
</tr>
<tr>
<td>3</td>
<td>Dr Bhupinder Singh</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>4</td>
<td>Dr Vandana Tayal</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>5</td>
<td>Dr. Manukumar Shetty</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>6</td>
<td>Dr. Niket Rai</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>7</td>
<td>Dr Mukul Soni</td>
<td>Medical Officer</td>
</tr>
<tr>
<td>8</td>
<td>Dr Razi Akhtar</td>
<td>Medical Officer</td>
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</table>

2. Ongoing Projects

<table>
<thead>
<tr>
<th>Name of research project</th>
<th>Investigators</th>
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<tbody>
<tr>
<td>To evaluate co morbid depression in newly diagnosed patients with tuberculosis in the DOTS clinic of LN Hospital</td>
<td>Dr. Vandana Roy, Dr. Proteesh Rana, Dr. Seema Kapoor, Dr. Ashwini Khanna</td>
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<td>Ameliorative effect of thymoquinone against colistin induced renal injury</td>
<td>Dr. Vandana Roy, Dr Sahil Kumar, Dr. Nita Khurana, Dr. Akhilesh Mishra</td>
</tr>
<tr>
<td>To evaluate the protective effect of Azairachta indica leaf extract on chemically induced colon cancer in rats</td>
<td>Dr. Vandana Roy, Dr Angelika Batta, Dr. Nita Khurana, Dr. Akhilesh Mishra</td>
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<tr>
<td>To study neuroprotective effect of Zingiber officinale (Ginger) in Aluminium Chloride induced Alzheimer's disease in rat model</td>
<td>Dr. Vandana Roy, Dr. Kavita, Dr. Vandana Tayal, Dr. Akhilesh Mishra, Dr. Nita Khurana, Dr. Binita Goswami</td>
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<tr>
<td>Antinociceptive and antiinflammatory activities of Serratiopeptidase, Boswellia serrata and diclofenac in rats</td>
<td>Dr. Bhupinder Singh, Dr Shubha Singhal, Dr Vandana Roy</td>
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<td>Monitoring of adverse drug reactions in intensive care unit settings of a tertiary care teaching hospital</td>
<td>Dr Shalini Chawla, Dr Ayush jain</td>
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<tr>
<td>Outpatient Prescribing Practices in a Public, Tertiary Care, Teaching Hospital in Delhi</td>
<td>Dr. Vandana Roy, Dr. Kishore Singh, Dr. Sahil Kumar.</td>
</tr>
<tr>
<td>Utilization of Antimicrobials in In-Patient Departments of a Tertiary Care Teaching Hospital: Impact Of Interventional Strategies On Use</td>
<td>Dr. Vandana Roy, Dr. Durga, Dr. Kishore Singh, Dr. Mradul Daga, Dr. Pawanindra Lal, Dr. Anjali Tempe, Dr. Urmila Jhamb, Dr. Sumit Sural, Dr. Ishwar Singh, Dr. Bijaylaxmi Sahoo, Dr. P.S.Bhandari</td>
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B) Ongoing Thesis

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<th>Name of research project</th>
<th>Investigators</th>
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<tr>
<td>Efficacy and safety of Vildagliptin and Remogliflozin as add on therapy to Metformin in patients of Type 2 Diabetes Mellitus</td>
<td>Dr Vikram Sharma. Supervisor: Dr Shalini Chawla, Co Supervisor: Dr Sandeep Garg, Dr Bhupinder Singh</td>
</tr>
<tr>
<td>Comparative Study of Propranolol Versus</td>
<td>Dr Nasra Banu. Supervisor: Dr Vandana Roy, Co</td>
</tr>
</tbody>
</table>
Amitriptyline at a Low Dose for Prophylaxis of Episodic Migraine  
*Supervisor:* Dr Debashish Chowdhury, Dr Vandana Tayal

Efficacy and safety of Saroglitazar and Fenofibrate in the treatment of diabetic dyslipidemia: An open label comparative study  
*Dr Rahul Gehlot. Supervisor:* Dr Bhupinder Singh,  
*Co Supervisor:* Dr Shalini Chawla, Dr Sandeep Garg

Efficacy of Withania somnifera (Ashwagandha) and Bacopa monnieri (Brahmi) and association of serum Brain derived neurotrophic factors BDNF in alcohol withdrawal syndrome in rats.  
*Dr Ijasul Haque M. Supervisor:* Dr Shalini Chawla,  
*Co Supervisor:* Dr Bhupinder Singh

*Dr Sharadhi HB, Supervisor:* Dr Anurag Agarwal,  
*Co Supervisor:* Dr Rajeshwari, Dr Bhupinder Singh

C) Details of thesis completed during current year

| Utilization patterns, outcomes and cost of prophylactic antimicrobials in patients undergoing orthopedic implant surgeries | Dr. Anurag Virmani  
*Supervisor:* Dr. Vandana Roy  
*Co Supervisor:* Dr. Sumit Sural, Dr. V.K Gautam, Dr. A.K Dhal |

3. Training courses/conferences/workshops organized –

The Department organized 4th CME workshop on “Improving Availability and Rational use of Medicines in Public Health Facilities under Government of NCT Delhi”, in MAMC for doctors working in Delhi Government hospitals was held on 19th - 22nd Feb 2019 with Dr Vandana Roy as Convener.

7th CME and workshop on “Pharmacovigilance for patient safety” was held on 27th March 2019, MAMC with Dr Vandana Roy as Convener.

2nd CNE and workshop on “Pharmacovigilance for our safety” for Nurses working in associated hospitals of MAMC was held on 12th December 2019, Dept of Pharmacology, MAMC with Dr Vandana Roy as Convener.

Dr. Vandana Roy Chaired and Coordinated the cultural festival “MAMC SPIC MACAY VIRASAT 2019. This was organized in collaboration with Society for Promotion of Indian Classical Music, Art and Culture Amongst Youth. The week long festival was held from 2nd April to 7th April 2019.

5 Publications during the period


11) Batta A, Kalra BS, Khirasaria R. Trends in drug approval over last two decades: An insight (Accepted for publication in Journal of family medicine and primary care).


14) Kumar S, Tayal V, Rathore A, Roy V. Shivering due to repeat dose of Tranexamic Acid: A peculiar case series. (Accepted for publication in The Journal of Obstetrics and Gynecology of India)

15) Roy V, Agrawal A, Rana P, Uppal D Doctors perception and use of generic names for prescribing medicines: exploring reasons and policy options (Accepted for publication by Indian Journal of Physiology & Pharmacology)


8. Books (written/Edited) /Chapters
Chapter in a book

9. Conference/Workshops/Symposium attended/ Paper Presentation
Dr Vandana Roy

a) Organizing Chairperson , 2nd CNE Workshop for Nurses on the theme” Pharmacovigilance for Our Safety”. For Senior nurses in Lok Nayak Hospital, GIPMER,MAIDS, Guru Nanak Eye Hospital. December 12th, 2019.

b) Organizing Chairperson, 4th CME Workshop on Improving availability & Rational Use of Medicines in Public Health Facilities in Delhi. Department of Pharmacology, Maulana Azad Medical college & Associated Hospitals. February 19th-22nd, 2019

c) Presented a paper: Validating traditional Medicine: A Science or Art. In the 5th IUPHAR World Conference, on the Pharmacology of Natural Products & 51st Annual Conference of Indian Pharmacological Society. At ICMR National Institute of Nutrition, Hyderabad, Telangana, India. December 5th-7th, 2019.


f) Invited Stakeholders workshop to develop Strategic Action Plan to Combat Antimicrobial Resistance (SAP-CARD)-AMR Delhi,. Organized by World Health Organization, Government of NCT Delhi, Hotel Lalit August 26th, 2019

g) Invited Speaker, Skill development program on Pharmacovigilance. Indian Pharmacopoiea Commission, National Coordination Center, Ghaziabad, July 15th-19th, 2019. Session of Causality Assessment: Rationale & Methods, & Group Exercises


i) Invited Speaker , UP UK APPICON 2019, 9th Annual Conference of UP-UK Chapter of APPI, Department of Physiology & Pharmacology, School of Medical Sciences & Research, Sharda University, , Competency Based medical education :Let us walk the talk. April 5th-6th, 2019


k) 4th CME Workshop on “Improving Availability & Rational Use of Medicines in Public Health Facilities in Delhi Essential medicines concept:Impact onAvailability of Quality medicines in Delhi.”February 19th-22nd. 2019

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n) Participated in Workshop on Research Methodology & Research Paper Writing Techniques. Organized by Department of Health Research, Government of India, ICMR National Institute of Pathology, Rajender Prasad Institute of Medical Sciences, Tanda, Dharamsala. September 5th-6th, 2019

o) Participated in Delhi State TB Task Force Meeting cum workshop, Maulana Azad Medical college, New Delhi, August 22nd, 2019

p) Attended Intensive Course on Indian Art : History & Appreciation. At India Habitat Centre, New Delhi. August 3rd-4th, 2019

q) Participated in National Training Program on Good Clinical Practice, Current Regulatory & Ethical Requirements for Conducting Clinical Trials /Research in India. Organized by Clinical Development Services Agency(CDSA), an extramural unit of Translational Health Science & Technology Institute (THSTI), Department of Biotechnology, Ministry of Science & Technology, Government of India. July 23rd-24th, 2019

r) Participated in Interactive meet on New Drugs & Clinical Trials Rules 2019; Its understanding & impact. Organized by Clinical Services Development Agency (CSDA), an extramural unit of Translational Health Science & Technology Institute, an autonomous Institute under DBT, Ministry of Sciences & Technology, Government of India & Central Drugs Standard Control Organization, Ministry of Health & Family Welfare. At Translational Health Science & Technology Institute. On May 17th, 2019

s) Participated in CME cum Workshop on Competency Based Medical Education: Concept & Application. Department of Medical Education, Christian Medical College, Ludhiana April 29th-30th, 2019.

t) Invited as a Resource guest in the launch meeting of “India’s Response to Viral Hepatitis National Viral Control Program. Organized by Ministry of Health & Family Welfare and World Health Organization, Mumbai, February 24th, 2019

u) Participated in Workshop on Disability – Inclusive Compassionate Care: Public Engagement & Faculty Sensitization on Disability Competencies. University of Chicago Center, Delhi. February 9th, 2019

Dr Shalini Chawla

b. Delivered a lecture at National inter disciplinary symposium on “Recent advances in Parkinsons disease.” on 16 Feb, 2019 on “Ethics in Clinical Research”.
c. Delivered a talk on “Antimicrobial use: Is there a problem” at MAMC, New Delhi at 4th CME Workshop on “Improving Availability & Rational Use of Medicines in Public Health Facilities in Delhi” on 21st Feb, 2019
d. Delivered a talk on Pharmacovigilance- Basic concepts at MAMC, New Delhi” at 7th CME, Workshop on Pharmacovigilance for patient’s safety on 27th March, 19
e. Delivered a lecture at “An update on: Delving into stress response: HTPA-axis, nutrition and exercise” on 15 Nov 2018 on “Ethics in Biomedical Research”.
f. Delivered a lecture at conclave on developing a clean sports ecosystem: Athlete perspective on antidoping on 27 June 2018 on “Management of Therapeutic Use Exemption”.
g. Participated in CISP workshop on revised CBME by MCI on 11th March, 19 in MAMC, New Delhi.
h. Delivered a talk on “Data collection and interpretation” at 4th National Symposium on Clinical Research Methodology & Medical Writing held at Coimbatore on 24th August 19.
i. Chaired a session on “Current trends on future prospects in pharmacovigilance” at GIMS, Greater Noida on 25-26 September’ 19.
j. Delivered a lecture at conclave on developing a clean sports ecosystem: Athlete perspective on antidoping on 22 October 19 on “Management of Therapeutic Use Exemption - Criteria & Acceptance”.
k. Delivered a talk on “The Regulatory Process on Pesticide Regulation” at a symposium on food safety on 23-24 October’ 19 at CSIR Lucknow.
l. Resource person for 2nd CNE workshop on “Pharmacovigilance for our safety” in Maulana Azad Medical college on 12 December 19.
Dr Bhupinder Singh

Dr. Vandana Tayal
- Delivered a talk on “Pharmacovigilance Program of India: MAMC Experience” as a faculty in 7th CME and workshop on Pharmacovigilance for patient safety held on 27th March 2019, Dept of Pharmacology, MAMC.
- Attended a Workshop on Systematic Reviews and Meta-analysis using Revman, 11th to 15th March 2019 at Public Health foundation of India, Gurgaon.
- Coordinator for DNB Pharmacology Practical Exam held by National Board of Examinations on 23rd-24th April 2019, Dept of Pharmacology, MAMC.
- Delivered a guest lecture on “Ethics Committee” for a one day workshop for faculty training on “Human Research protection and GCP training” on 13th September 2019 at ESIC Dental College and Hospital, Rohini.
- Chairperson for a Guest lecture on “Recent Regulatory reforms for Conduct of Clinical Research in India” in 11th Annual Conference of the Indian Society for Rational Pharmacotherapeutics from 29th – 30th November 2019 at Science City, Kolkata.
- Organizing Secretary for 2nd CNE and workshop on “Pharmacovigilance for our safety” held on 12th December 2019, Dept of Pharmacology, MAMC.

Dr Niket Rai
- Resource person in 4th CME workshop on “Improving availability and Rational use of medicines in public health facility” organized by Department of Pharmacology, MAMC, New Delhi from 18th – 22nd February 2019.
- Resource person in “Pharmacovigilance workshop” organized by Department of Pharmacology, MAMC, New Delhi from 26th March 2019.
- Participated in the CME entitled “Global Trend in Neuropsychopharmacology Research” and Workshop on “Clinical Electro-Diagnostic Tools for Teaching and Research” organized by the Department of Physiology, MAMC, Delhi on Monday, 16th September 2019.
- Organized “Pharmacovigilance quiz competition” for MBBS students in Department of Pharmacology, MAMC, New Delhi on 1st October.
- Participated in the workshop entitled “JIPMER Integrated Pharmacogenomic Program JIPP2019” and “Indo-suisse symposium on Pharmacogenomics” organized by the Department of Pharmacology, JIPMER, Puducherry from 18 to 23 November 2019.

Dr Manukumar Shetty
- Co-organizing Secretary and conducted a group activity on Identification of Adverse drug reactions for the 2nd CNE Workshop on “Pharmacovigilance for Our Safety” held on 12th December, 2019.
- Resource person for 4th CME Workshop on Improving Availability and Rational Use of Medicines in Public Health Facilities was held from 19th – 22nd February, 2019.
- Attended CME entitled “Global Trends in neuropsychopharmacology Research” held on 16th September 2019 organized by Department of Pharmacology, MAMC, India.
- Attended Symposium “Mathematics in Biomedical Sciences” held on 10th March 2019 organized by Indian National Science Academy (INSA) – Delhi NCR Chapter, Department of Biochemistry, All India Institute of Medical Sciences (AIIMS), New Delhi, & CSIR - Institute of Genomics & Integrative Biology (IGIB), New Delhi.
Dr. Mukul Soni
- Attended One day workshop and four day CME in 6th World Congress on Nanomedical Sciences at Vigyan Bhawan (Delhi), 7th -10th January 2019 as delegate.
- Attended workshop on “Improving Availability and rational use of medicines in public health facilities”, 19th -22nd February 2019 at MAMC as resource person.
- Attended 7th CME workshop on “Pharmacovigilance for Patient Safety” on 27th March 2019 at MAMC as resource person.
- Attended 2nd CNE workshop on “Pharmacovigilance for our Safety” on 12th December 2019 as resource person.

Dr Razi Akhtar
- Attended workshop on “Improving Availability and rational use of medicines in public health facilities”, 19th -22nd February 2019 at MAMC as resource person.
- Attended 7th CME workshop on “Pharmacovigilance for Patient Safety” on 27th March 2019 at MAMC as resource person.
- Attended 2nd CNE workshop on “Pharmacovigilance for our safety” on 12th December 2019 as resource person.

Conferences/workshops attended and papers presented by Residents
2. 6th CME and workshop on Pharmacovigilance for patient safety on 27th March 2019, MAMC attended by all Residents.
3. 2nd CNE and workshop on “Pharmacovigilance for our safety” held on 12th Dec August 2019, Dept of Pharmacology, MAMC attended by all Residents.
4. Interactive Meet On New Drugs And Clinical Trials Rules 2019 – Its Understanding And Impact”, Faridabad, 17th May 2019 was attended by: Dr. Sahil Kumar, Dr. Ayush Jain, Dr. Nidhi Maheshwari, Dr. Durga Patil
5. 52nd Mini-Workshop In Medical Education Technologies For Senior Residents Of M.A.M.C. & Other Govt. Hospitals Of Delhi”, New Delhi, 16th To 18th October 2019 was attended by: Dr. Sahil Kumar
6. The PG orientation programme/ Clinical Epidemiology Workshop for 1st year PG students, organized by Maulana Azad Medical College, New Delhi on 6th July 2019, attended by Dr. Vikram Sharma and Dr Nasra Banu
7. “PHARMATECH” held in the department of Pharmacology and Clinical Therapeutics, Seth GS Medical college and KEM hospital from 7th to 16th February, 2019 was attended by: Dr. Ayush Jain and Dr Anurag Virmani
8. Workshop on “Drug discovery and development” held at Glenmark Pharmaceuticals, Navi Mumbai on 8th February, 2019 was attended by: Dr. Ayush Jain
9. 52nd Mini-Workshop In Medical Education Technologies For Senior Residents Of M.A.M.C. & Other Govt. Hospitals Of Delhi”, New Delhi, 16th To 18th October 2019 was attended by: Dr. Ayush Jain and Dr Neeraj Rajdan.
10. Recent advances in Parkinson’s disease, a symposium held on 16th Feb 2019, organised by Department of Physiology, MAMC N.Delhi was attended by all residents.
11. One day workshop on “Biomedical waste management” Department of Microbiology, MAMC, N.Delhi was attended by Dr Neeraj Rajdan
12. Poster on topic “Adverse drug reaction among patients on Anti-Parkinson Medicine” : A Review, a symposium on recent advances in Parkinson’s disease held on 16th Feb 2019 organised by Department of Physiology, MAMC, N.Delhi was presented by Dr Neeraj Rajdan
13. One day workshop on “Biomedical waste management” Department of Microbiology, MAMC, N.Delhi was attended by Dr Nasra and Dr Vikram on 11th June 2019
14. Basic Life support and Advanced cardiac life support course was attended by Dr Nasra on 3rd to 5th Oct 2019
15. Basic Life support and Advanced cardiac life support course was attended by Dr Vikram on 21st to 23rd Oct 2019
16. Oral presentation on “Nutraceutical- regulations, availability and cost in India” at International Conference on Nutraceuticals and Chronic Diseases September 2019, Guwahati, Assam: Dr. Durga Patil
17. Poster presentation on Challenges and possibilities in treatment of Parkinson’s disease: a review: At symposium on recent advances in treatment of Parkinson disease held on 16th February 2019 organised by Department of Physiology was done by Dr Ijasul Haque

6. Visitors:
1. The department organized three workshops. There were 27 invited External Guest faculty that participated in them.
2. During the conduct of the DNB Pharmacology Examination, two senior external faculty (examiners) came. During conduct of 2nd Professional MBBS examination four Senior External faculty came as Examiners.
7. Significant events (Honours to Faculty)

Dr. Vandana Roy
Invite as Chief Guest, CME for Medical Officers sponsored by Rashtriya Ayurveda Vidyapeeth, Ministry of AYUSH, All India Institute of Ayurveda, New Delhi, October 14th, 2019.

Dr. Shalini Chawla
National Institute on Drug Abuse (NIDA) clinical Trials Network Certificate of completion to certify completion of six hour required course on Good Clinical Practice.
Felicitated at 20th convocation of National Board of Examinations on 24th Dec, 19 for contribution as a faculty.

Dr. Bhupinder Singh
Completed and cleared GCP web based training course from Ashford and St. Peter’s hospital (NHS) on 25th June 2019.

8. Representation on expert committees/ bodies.

Dr. Vandana Roy
- Dean, Faculty of Medical Sciences, University of Delhi
- Dean, Faculty of Homeopathy Medicine, University of Delhi
- Dean, Faculty of Ayurveda & Unani Medicine, University of Delhi
- Chairperson, Board of Research Studies, Faculty of Medical Sciences, University of Delhi
- Member of Executive Committee, University of Delhi, July 27th 2018-January 15th 2019
- Member, Academic Council, University of Delhi
- Member, Internal Quality assurance Committee (IQAC) Committee, KiroriMal College, University of Delhi
- Member, Internal Quality Assurance Committee, University College of Medical Sciences, Delhi
- Member Standing Committee for Academic Matters, University of Delhi
- Member Governing Body, Vallabh Bhai Patel Chest Institute, University of Delhi
- Member Governing Body, University College of Medical Sciences, University Of Delhi
- Member Committee for Annual Report of University of Delhi August 2019
- Member Scientific Advisory Committee, VP Chest Institute, University of Delhi
- Member Advisory Committee of College of Nursing, Army Hospital (R & R)
- Chairperson, Committee for inspection of Raj Kumari Amrit Kaur Nursing Hospital
- Chairperson, Fact Finding Committee to examine complaint against Faculty members, University of Delhi
- Chairperson, Screening Committee for Assistant Registrar in senior scale, University of Delhi
- Member, Interim Committee on Health, World University Service (WUS), University of Delhi
- Co Chairman, Committee to purchase medicines for Health Centers, Delhi University.
- Head, Department of Pharmacology, University of Delhi.
- Chairperson, Department Research Committee, Pharmacology, University of Delhi
- Member of Delhi Medical Council
- Member of Executive Committee, Delhi Medical Council
- Nomination as an Inspector for Medical Council of India, for assessment of the physical & teaching facilities available at Karpagam Faculty of Medical Sciences & Research, Coimbatore. May 28th 2019.
- Examiner DNB Pharmacology 2019

Members
2. Member State Task Force for Tuberculosis, Delhi.
3. Member Subject Expert Committee (SEC) constituted by Drugs Controller General India (DCGI) to advice DCGI in matters related to approval of (a) Clinical trials (b) New drugs and (c) New medical devices.
5. Member, Institute Ethics Committee, Max Super Speciality Hospital, Saket
6. Member, Institute Ethics Committee, Pandit Deendayal Upadhyaya National Institute for Persons with Physical Disabilities (Divangyan)
7. Subject Expert on Selection Committee for posts of Professor & Associate Professor, Department of Pharmaceutical Education and Research, Jamia Hamdard, Delhi 2019.
8. Reviewer for Scientific journals
9. Examiner for MD Examinations to external Universities
10. Chairperson & Coordinator, Maulana Azad Medical College Committee for Pharmacovigilance, 2014- till date
11. Chairperson & Faculty Coordinator of MAMC- SPIC MACAY committee( Society for Promotion of Indian Classical Music, Arts and Culture Amongst Youth) (2005- till date)
12. Chairperson and Convener, Dissection Monitoring Committee for Maulana Azad Medical College 2015- till date
13. Member Core Committee of Revised National Tuberculosis Control Program RNTCP(MAMC)
14. Officer In charge Central Animal House (2012-till date)
15. Officer In Charge of Lecture Theatres, Since 2014 till date
16. Internal member of selection Committee for interviews of Senior residents in Pharmacology

Dr Shalini Chawla
- Member Secretary for Institutional Animal Ethics Committee of MAMC and Associated Hospitals.
- Member, Institutional Ethics Committee, MAMC & Associated Hospitals.
- Acting Member Secretary, Institutional Ethics Committee, MAMC & Associated Hospitals.
18. Member of Serious Adverse Event(SAE) Committee, MAMC & Associated Hospitals.
19. Subject expert of Selection Committee for the post of Professor and Associate Professor under Career Advancement Scheme (CAS) in the Dept. of Pharmacology, Faculty of Pharmacy, Jamia Hamdard University.
20. Chairperson of Expert Committee constituted by Central Insecticides Board and RC for finalization of Toxicological Protocol for data generation for registration of bio-pesticides
21. Member of Expert committee to seek advice on DEGEE used as excipient in diclofinae injection regarding safety and tolerability.
22. Expert Member of Gazette notified Scientific Panel for pesticides and Antibiotic Residues constituted by FSSAI.
23. Chairperson of committee formed by Government of India to suggest minor changes in formulation of pesticides.
24. Member of Subject Expert committee (SEC) constituted by DCGI to advice on drug substitution and make recommendations there ongoing supervision in the country by DGHS.
25. Member of Therapeutic Use Exemption Committee (TUEC), National Anti-dope Agency, CGO Complex, New Delhi
26. Member of expert committee on registration of Biopesticides.
27. Internal Expert for the appointment of Senior Residents for Department of Pharmacology, on regular basis
28. Member of Courses Committee, Department Of Pharmacology, Delhi University.
29. Member of Pharmacovigilance Committee of Department of Pharmacology, MAMC & Associated hospitals.
30. Member on the Panel of National Board of Examination for correction of DNB Theory papers.
31. Member, Institutional Ethics Committee, Action Balaji Hospital
32. Member, Institutional Ethics Committee, Action Cancer Hospital
33. Member, Institutional Ethics Committee, Indian Fertility Society, Delhi.
34. Max Health Care Super Specialty Hospital, Vaishali, Ghaziabad.
35. Expert for the Technical Committee constituted for the supervision and monitoring of conduct of clinical trials in the country by DGHS.
36. Expert for the Technical Committee constituted to discuss issues relating to drug substitution and make recommendations there ongoing supervision in the country by DGHS.
37. Expert for Adhoc Codex Intergovernmental Task Force on Antimicrobial Resistance (TFAMR) constituted by FSSAI
38. Member of CSIR SRF/RA/SRA Selection Committee Meeting in the area of “Medical & Pharmaceutical Sciences (MEDIC-11)” being organized at “Human Resource Development Group (HRDG), CSIR Complex, Library Avenue, Pusa, New Delhi – 110 012”.
39. Member of the Board of Studies (BOS) for Pharmacology at Hamdard Institute of Medical Sciences, (HIMSR), Jamia Hamdard, New Delhi.
40. Expert for confidential meeting scheduled to be held in UPSC, Ayog Sachivalaya Building, Shahjahan Road, New Delhi.
41. Member of the Departmental Research Committee for the conduct of scientific work.
42. Chairperson of Departmental Committee to review the Competency Based Medical Education Curriculum being rolled out by Medical Council of India 2019.
43. Resource person for Delhi Subordinate Services Recruitment board(DSSSB).
44. Expert for the interview of faculty positions for various posts in ESICMC & Hospital, Faridabad, 10 April 19
45. Expert for the interview of faculty positions for various posts in ESIDC & Hospital, 25 October 19.
**Dr Bhupinder Kalra**  
Member, Purchase Committee, Maulana Azad Medical College  
Member, Institutional Animal Ethics Committee, Maulana Azad Medical College  
Member, College Condemnation and auction committee, Maulana Azad Medical College  
Member, Curriculum Committee, Faculty of Medical Sciences, University of Delhi  
Nominee for CPCSEA, Ministry of Environment and forests (Animal welfare)  
Link Nominee for CPCSEA, IAEC, IGIB, Delhi  
Expert for setting paper for Pt. B.D. Sharma University of Health Sciences, Rohtak

**Dr Vandana Tayal**  
Member Secretary of Pharmacovigilance Committee of MAMC & Associated hospitals.  
Member Secretary of Pharmacovigilance Committee for training Nurses  
Member Secretary, Dissection Monitoring Committee for Maulana Azad Medical College  
Member, Library Committee, Maulana Azad Medical College  
Member of the Departmental Research Committee for the conduct of scientific work.  
Expert for setting, validation and assessment of Question bank for National Board of Examination, Dwarka, New Delhi.  
Examiner, paper setter for University of Delhi

**Health Services to the Community**  
The Department is conducting programs related to improving safe and rational use of medicines for the community. These include:-

**A. Monitoring of Adverse Drug Reactions**  
Department of Pharmacology, MAMC is a recognized center for monitoring adverse drug reactions under the Pharmacovigilance Programme of India, Indian Pharmacopoeia Commission, Ministry of Health and Family Welfare, Government of India. The Department has reported 511 Individual case Safety Reports (ICSRs) to the National Pharmacovigilance Centre for reporting to the International Centre for Pharmacovigilance at Uppsala, through Vigibase in 2019.

Number of Adverse drug reaction (ADR) reported since September 2014 till date:-

<table>
<thead>
<tr>
<th>Year</th>
<th>Nos. of ADRs Reported</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014 (Sept-Dec)</td>
<td>85</td>
</tr>
<tr>
<td>2015 (Jan-Dec)</td>
<td>358</td>
</tr>
<tr>
<td>2016 (Jan-Feb and Oct-Dec)</td>
<td>90 (Pharmacovigilance Associate not available between Feb’16 to Sep’16)</td>
</tr>
<tr>
<td>2017 (Jan-Dec)</td>
<td>411</td>
</tr>
<tr>
<td>2018 (Jan-Dec)</td>
<td>456</td>
</tr>
<tr>
<td>2019 (Jan-Dec)</td>
<td>511</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>1911</strong></td>
</tr>
</tbody>
</table>

The aims of the Center are to:  
Make health care providers aware about Patient safety, concept of pharmacovigilance, Adverse Drug Reactions (ADRs) and its reporting with the ultimate objective to promote safe use of drugs.  
The Center has been training health care providers in aspects related to pharmacovigilance and patient safety. The department conducted 2 workshops on Pharmacovigilance for patient safety in 2019 and has trained 502 participants which include, doctors, nurses and pharmacists. Department also trains 300 undergraduate MBBS and BDS students in pharmacovigilance and ADR reporting every year.

**B. Improving availability & rational use of medicines in public health facilities**  
Every year the Department organizes a workshop on the theme “Improving availability and Rational use of medicines in public health facilities”, training doctors working in Delhi Government Hospitals on aspects related to improved selection, prescribing and rational use of medicines. This will help them manage medicines better. Such training if implemented in practice will result in improved access to essential medicines and their safe use for the community in public health facilities. In the year 2019, 67 doctors attended the workshop from 30 different hospitals of Delhi Government. Overall 199 doctors, 13 nurses and pharmacists have been trained in this regard since 2016.
1. Laboratory data
   Name of the Laboratory: Therapeutic Drug Monitoring
   B) Tests
   Number of tests
   Estimation of Lithium: 14
   Estimation of Steroid: 25

16. New facilities added: The department is undergoing major renovation of laboratories, seminar rooms, resident rooms, faculty rooms and toilets. A new Post graduate Laboratory was made functional in the year 2018. New equipment for the same has been procured. The laboratory for experimental research has been upgraded. Two more new laboratories- Pharmacogenomic and Chromatography laboratory are in process of being prepared. New furniture and equipment for the same are being installed.

Any other worth mentioning information

a) Teaching
   The Department lays emphasis on undergraduate teaching and endeavours to put in programmes to engage students with the Department and the subject. The following are some of the activities done.
   i) Students orientation: The introduction and orientation of the new batch to Pharmacology is done when they enter the third semester in August. The faculty, residents and staff all introduce themselves individually. All the students also introduce themselves individually by talking about themselves. In addition they are invited to put up a cultural performance, like singing songs, playing instruments, acting, reciting poems. This gives the teachers a bird's eye view of the students as well as in breaking ice.
   ii) Small group active learning: To encourage students engagement with Pharmacology and make the learning of the subject interesting small group, active learning activities are encouraged. All the teachers are involved in the process. Although the number of teachers is not sufficient for small group teaching and teacher students ratio is large, still whatever best can be done is done.
   New activities to engage students in the learning are implemented. This year to enhance students understanding about pharmacovigilance a Quiz for students in pharmacovigilance was also organized. The first three inning teams were given certificates
   iii) Students feedback self appraisal (SFSA) program: To help students learn better, a program for students feedback and self appraisal has been put in place. They are shown their performance records in the department at regular intervals and are asked to reflect as to how they have performed and reasons for it. The students therefore get the opportunity to improve their performance in subsequent assessments. They are also given the feedback forms to comment on their performance and how the department can further help them in learning. This activity is also done in small batches with a batch teacher. This is done throughout the year. So that the students know how they are doing and if they want, they can work to improve their learning. A perceptible difference in students performance is being felt

b) Research
   The following research papers received awards

c) Social and bonding activities
   To increase bonding among all residents and staff members, the Department faculty, residents and all non teaching staff celebrate festivals, personal events like promotions, birthdays, anniversaries and other events all together regularly. Some festivals which were celebrated include Lohri, Basant Panchami, Holi, Independence day, Diwali, Guru Nanak Jayanti and Christmas.
PHYSIOLOGY

Name of the Head of the Department: Dr. V.P. Varshney

1. Faculty:

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Name of the Faculty</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Dr. Damor Robinson</td>
<td>Dir. Professor</td>
</tr>
<tr>
<td>2.</td>
<td>Dr. V.P. Varshney</td>
<td>Dir.Prof. &amp; HOD</td>
</tr>
<tr>
<td>3.</td>
<td>Dr. Bal Krishna</td>
<td>Dir. Professor</td>
</tr>
<tr>
<td>4.</td>
<td>Dr. M. Satyanarayanan</td>
<td>Dir. Professor</td>
</tr>
<tr>
<td>5.</td>
<td>Dr. Daya Ram Haldwani</td>
<td>Dir. Professor</td>
</tr>
<tr>
<td>6.</td>
<td>Dr. Aarti Sood Mahajan</td>
<td>Dir. Professor</td>
</tr>
<tr>
<td>7.</td>
<td>Dr. Mona Bedi</td>
<td>Dir. Professor</td>
</tr>
<tr>
<td>8.</td>
<td>Dr. Preeti Jain</td>
<td>Professor</td>
</tr>
<tr>
<td>9.</td>
<td>Dr. Aquil Ahmad</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>10.</td>
<td>Dr. Payal Bhalla</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>11.</td>
<td>Dr. Ravi Kaushik</td>
<td>Assistant Professor</td>
</tr>
</tbody>
</table>

2. Members who have left during the period: Nil

3. Additions to the Faculty during the period:

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Name of Faculty</th>
<th>Designation</th>
<th>Whether newly joined/promotion</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Dr. Payal Bhalla</td>
<td>Assistant Professor</td>
<td>Newly Joined</td>
</tr>
<tr>
<td>2.</td>
<td>Dr. Ravi Kaushik</td>
<td>Assistant Professor</td>
<td>Newly Joined</td>
</tr>
</tbody>
</table>

4. Research Scheme:
   (a) On going project:
   i. “Effect of Acute exercise on serum cortisol and cardiovascular reactivity to mental stress in offspring of hypertensives”. Supervisor - Dr. V.P. Varshney; Co-Supervisor - Dr. Mona Bedi.
   ii. “Thyroid status and inflammatory markers in patients of Bronchial Asthma”. Supervisor - Dr. Dayaram Haldwani; Co-Supervisor - Dr. Aarti Sood Mahajan, Dr. Binita Goswami, Dr. D. P. Bhadoria.
   iii. “Prevalence of video-game addiction among undergraduate medical students and correlation with trait Emotional intelligence and Psychological health: A cross sectional study. ICMR STS project 2019; Dr. Preeti Jain (as Supervisor).

   (b) Details of thesis completed during current year:
   i. M.D. Thesis: “Neuroprotective potential of Ellagic acid and Epigallocatechin-3-gallate against 6-hydroxy dopamine induced rat model of Parkinson’s Disease,” Supervisor - Dr Bal Krishna; Co-supervisor – Dr Pramod Lali, Dr Savita Mishra.
   ii. Msc Thesis: “Association of glycemic control with oxidative stress and cognitive impairment”.- Dr. Payal Bhalla guided this thesis in HIMS, Jamia Hamdard.

5. Trainees from other agencies: NIL

6. Training Course/Conferences/Workshops organized:

   i. Dr. V. P. Varshney, Dr. Mona Bedi, Dr. Preeti Jain organized CME cum Workshop entitled “Global trends in Neuropsycho-physiology research and workshop on clinical Electro diagnostic tools for teaching and research” in Department of Physiology, MAMC on 16.09.2019.
ii. Dr. Bal Krishana organized a National Symposium as Chairperson on “Recent advances in Parkinson’s Disease” on 16th Feb. 2019 in Maulana Azad Medical College, New Delhi.

iii. Dr. Aarti Sood Mahajan as part of medical education department, organized CISP workshop for HOD’s of MAMC and curriculum committee members of various colleges affiliated to regional centre MAMC.

7. Publications during the period:

Dr. V. P. Varshney

i. V. P. Varshney, Mona Bedi: “Lacunae in Forensic Handwriting Examination: Scope for Exploitation.” Published in MAMC Journal of Medical Sciences 2019; 5: 19-23.

Dr. Aarti Sood Mahajan


Dr. Mona Bedi

i. V. P. Varshney, Mona Bedi: “Lacunae in Forensic Handwriting Examination: Scope for Exploitation”. Published in MAMC Journal of Medical Sciences 2019; 5:19-23.

Dr. Preeti Jain


8. Books/Chapters/Contributed:

i. Practical Physiology- A student’s Workbook”, 1st Edition 2019, by Dr. V. P. Varshey and Dr. Mona Bedi.


iii. Dr. Ravi Kaushik contributed to the ‘Physiology’ section of review book ‘Review Of All Medical Sciences (ROAMS)’, edited by Dr V D Aggarwal, CBS publishers. Ed. 2019.

9. Conferences/Workshops/Symposiums attended:

Dr. Damor Robinson

i. Guest speaker at CME at Govt. Medical College, Patiala on 9th March 2019.


Dr. VP Varshney


ii. Participated as delegate in the Continuing Medical Education (CME) on “Role of Lab diagnosis in Immunological Disorders” organized by dept. of Biochemistry, MAMC, New Delhi on 16th March 2019.

Dr. Bal Krishana


iii. Attended as delegate in CME on role of lab diagnosis in immunological disorders by department of Biochemistry MAMC, New Delhi on 16th March 2019.

iv. Attended as delegate at the 9th Annual UP UK APPICON 2019 organized by the department of Physiology & Pharmacology, Sharda University, Greater Noida, UP.

Dr. Daya Ram Haldwani
ii. Participated as Organizing Secretary in the symposium on “Recent Advances in Parkinson’s disease” organized by department of Physiology, MAMC on 16th Feb. 2019.
iii. Attended the Continuing Medical Education (CME) on “Role of Lab diagnosis in Immunological Disorders” organized by dept. of Biochemistry, MAMC, New Delhi on 16th March2019.
iv. Participated as a faculty member in the 61st Annual Delhi State Medical Conference of Delhi Medical Association held on 24th March 2019, Hotel Le- Meridian, NewDelhi.

Dr. Aarti Sood Mahajan
i. Attended CME cum Workshop entitled “Global trends in Neuropsycho-physiology research and workshop on clinical Electro diagnostic tools for teaching and research” was organized by Department of Physiology, MAMC on 16.09.2019.
ii. Attended the Continuing Medical Education (CME) on “Role of Lab diagnosis in Immunological Disorders” organized by dept. of Biochemistry, MAMC, New Delhi on 16th March 2019.
iv. Attended workshops in Medical education department as honorary faculty.

Dr Mona Bedi
ii. Participated as delegate in the Continuing Medical Education (CME) on “Role of Lab diagnosis in Immunological Disorders” organized by dept. of Biochemistry, MAMC, New Delhi on 16th March 2019.

Dr. Preeti Jain
i. Attended XXVII Annual Meeting of Indian Academy of Neurosciences held at AIIMS, New Delhi from 18th -21st Nov. 2019 and presented an oral paper, “Trait Emotional Intelligence as Predictor of Psychological health in Medical Students”.
iii. Participated in CISP Workshop held from 25th-27th Sept. 2019 at MCI, Regional Centre for Faculty development, MAMC, NewDelhi.

Dr. Aquil Ahmad

Dr. Payal Bhalla
i. Curriculum Implementation support Program (CISP) Workshop from 25th September to 27th September, 2019 at MCI Regional Centre for Faculty development, MAMC, NewDelhi.
ii. CME on ‘Holistic Approach to Pain’ on 9th November, 2019 at Santosh Medical College and hospital, Ghaziabad.
iii. TIPS Advanced (Techniques in Physiological sciences - advanced) workshop for SAARC Nations from 12th to 15th December, 2019 at AIIMS, NewDelhi

10. Visitors: NIL.
11. Significant Events (Honours to Faculty):
Dr VP Varshney
i. Chairperson in “Global trends in Neuropsycho-physiology research workshop on clinical Electro diagnostic tools for teaching and research” organized by department of Physiology, MAMC, on 16th Sept.2019.
ii. Chairperson in VIIIth Congress of Federation of Indian Physiological Societies at ESIC Medical College & Hospital, Faridabad on 27th-29th Sept.2019.
iii. Expert panelist at LHMC in the fifth Intercollegiate Undergraduate Physiology Quiz 2019.
iv. Chairperson in International collaborative conference, on "Evidence based Non invasive treatment modalities: Futuristic medicine" organized by the Dept of Physiology and Deptt of Psychology at Govt Institute of Medical Sciences, Greater Noida on 18th & 19th Nov 2019.

Dr. Bal Krishana
i. Delivered guest lecture on Recent Advances in Parkinson’s Disease at Govt. Medical College Patiala on 9th March2019.
ii. Chaired session at Govt. Medical College, Patiala on 9th March,2019.
iii. Chaired and Judge during Scientific events held on 5th & 6th April 2019 by Sharda University, GreaterNoida.

Dr Mona Bedi
i. As Judge in poster presentation in VIIIth Congress of Federation of Indian Physiological Societies at ESIC Medical College & Hospital. Faridabad on 27th-29th Sept.2019.
ii. Expert panelist at LHMC in the fifth Intercollegiate Undergraduate Physiology Quiz 2019.
iii. Chairperson in International collaborative conference, on "Evidence based Non invasive treatment modalities: Futuristic medicine" organized by the Dept of Physiology and Deptt of Psychology at Govt Institute of Medical Sciences, Greater Noida on 18th & 19th Nov 2019.

Dr. Payal Bhalla
i. Judged the Poster Presentation at CME on ‘Holistic Approach to Pain’ at Santosh Medical College and hospital, Ghaziabad on 9th November,2019.

Dr. Ravi Kaushik
i. Delivered guest lecture etc at WHO and ICMR joint “Online Certificate Course on Smokeless Tobacco” in the month of May and July2019.
ii. International travel award by Japanese Govt under the program JENESYS in the month of Jan2019.

12. Fellowship:NIL
13. Representation on expertCommittee/Bodies:

Dr. Damor Robinson
i. Attended board of research study meeting at JNMCH, Aligarh, U.P.

Dr. Daya Ram Haldwani
i. Appointed as selection committee member for seniorresident.
ii. Nominated as a member for the committee of course & studies.
iii. Nominated as a member of medical board for age determination, Lok Nayak Hospital, NewDelhi.
iv. Member of local purchase committee related to karamchariunion.

Dr. Aarti Sood Mahajan
i. Chairperson Annual report Committee for annual day2019.
ii. Member of graduate reception committee2019.

Dr Preeti Jain
i. Nominated by the National Booaard of Examination, New Delhi for various validation workshops for conduct of different post graduate entranceexaminations.
ii. Appointed as external examiner for MD (Physiology) Exams, April/May 2019 by AIIMS, NewDelhi.

iii. Member of CCS of FMS, Delhi University.

**Dr. Payal Bhalla**

i. External expert for BOT/BPT Ist year Physiology Exam on 14\textsuperscript{th} May, 2019 at Hamdard Institute of Medical Sciences, Jamia Hamdard, Delhi

ii. External expert for LMT (Life sciences) Ist year Physiology Practical Exam and Viva voce on 7\textsuperscript{th} June, 2019 at Integrated Institute of Technology, sector-9, Dwarka, Delhi

**Dr. Ravi Kaushik**

i. Nominated by the Ministry of Health and Family Welfare (agency) as expert/advisor to “Nasha Mukti Abhiyan TaskForce”.

**14. Health Services to the Community:**

**Dr. Daya Ram Haldwani**

Help to poor socioeconomic students.

**15. Lab Data:** NIL

a) Name of the Lab:

b) Name and no. of the test performed

c) Percentage of growth compared to the last year.

**16. New Facilities added:** NIL

**17. Any other worth mentioning information:** NIL
PLASTIC SURGERY

Name of the Head of the Department: Dr. Prabhat Shrivastava

FACULTY:

<table>
<thead>
<tr>
<th>No.</th>
<th>Name of Faculty</th>
<th>Qualification</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Dr. Prabhat Shrivastava</td>
<td>MS, MCh, FICS, FAIS</td>
<td>Consultant Plastic Surgeon and Head</td>
</tr>
<tr>
<td>2.</td>
<td>Dr. P. S. Bhandari</td>
<td>MS, MCh</td>
<td>Consultant Plastic Surgeon &amp; Head of Unit (Ex-Head of Deptt.)</td>
</tr>
<tr>
<td>3.</td>
<td>Dr. Arun Goel</td>
<td>MS, MCh, FICS</td>
<td>Consultant Plastic Surgeon &amp; Head of Unit</td>
</tr>
<tr>
<td>4.</td>
<td>Dr. Varsha Gupta</td>
<td>MS, DNB (Plastic Surgery)</td>
<td>Specialist Gr. III</td>
</tr>
</tbody>
</table>

2. Research Scheme
   (a) Ongoing project: Nil
   (b) Details of Thesis:

   (A) Under production:
   I. A study of linear and angular nasal measurements in Indian population of north-east region. (Candidate: Dr Aakanksha Goel, Guide: Dr. P.S. Bhandari; Co-Guides: Dr. Prabhat Shrivastava, Dr Varsha Gupta)
   II. A study of pattern of morbidity consequent to post traumatic sole defects. (Candidate: Dr Pragya Priya, Guide: Dr. Arun Goel; Co-Guides: Dr. Prabhat Shrivastava, Dr PS Bhandari, Dr Varsha Gupta)
   III. Comparison of intralesional 5-fluorouracil with intralesional triamcinolone acetonide in the treatment of keloid. (Candidate: Dr Vishwadeep, Guide: Dr. Prabhat Shrivastava; Co-Guides: Dr. PS Bhandari, Dr. Arun Goel)
   IV. Effectiveness of topical phenytoin split thickness skin graft donor site healing. (Candidate: Dr Parth Pratim Pasayat, Guide: Dr. Prabhat Shrivastava; Co-Guides: Dr. PS Bhandari, Dr. Arun Goel)

   (B) Submitted to and accepted by the National Board of Examinations:
   I. Evaluation of post-operative antibiotic prophylaxis in primary cleft palate repair: A randomised controlled study. (Candidate: Dr Vishalbhai Kantilal Patel. Guide: Dr Prabhat Shrivastava; Co-Guides: Dr P S Bhandari and Dr Arun Goel).
   II. A Study of donor site morbidity following harvest of intermediate thickness split skin grafts. (Candidate: Dr Bhupender Gaidhane. Guide: Dr Arun Goel; Co-Guide: Dr Prabhat Shrivastava).
   III. Comparison of Outcome in Suture Techniques versus Cartilage Grafts in Tip Rhinoplasty (Candidate: Dr Anil Kumar Kaler, Guide: Dr PS Bhandari; Co-Guides: Dr Prabhat Shrivastava and Dr Vikas Malhotra).
   IV. Comparison of intralesional Bleomycin with intralesional Triamcinolone acetonide in the treatment of Keloids (Candidate: Dr Sahil Singla. Guide: Dr PS Bhandari, Co-Guide: Dr Prabhat Shrivastava and Dr Bijay Laxmi Sahoo)
   V. Dr Prabhat Shrivastava was Co-Guide for MD (Community Medicine) Thesis “An Epidemiological Study of Hospitalised Adult Burn Injury patients.” Candidate: Dr Mohammad Rashid (Accepted by University of Delhi).

5. Trainees from other agencies
   I. Students from Deen Dayal Upadhyay Hospital, St. Stephen's Hospital and Ahilya Bai College of Nursing, New Delhi.
   II. Physiotherapy Students from Jamia Milia University.

6. Training Course /Conference /Workshops organised: NIL

7. Publications during the period: None
8. **Books/ Chapters / Contributed:** None

9. **Conferences/ Workshops/Symposia Attended:**

**Faculty:**

Dr. Prabhat Shrivastava:

i. Dr Prabhat Shrivastava attended ‘Regional Scar Forum 2019’ at Hotel Lalit, New Delhi on 26th May 2019 and chaired a session.

ii. Dr Prabhat Shrivastava attended as Invited Faculty, Moderator and Chairperson “Woundcarecon2019”, “13th Annual Conference of the Society for Wound Care and Research” at Institute of Medical Sciences, Banaras Hindu University, Varanasi, UP,” held from 27th–29th Sept 2019. Delivered a Guest lecture on ‘Principles of Primary Excision in Burn Wounds’

iii. Dr Prabhat Shrivastava attended as Faculty ‘Masterclass In Craniomaxillofacial Reconstruction’ and AIIMS Cadaveric Surgical Skills Training held at AIIMS, New Delhi on 2019

iv. Dr Prabhat Shrivastava attended as Invited Faculty and Chairperson “Tips @ Medanta - Techniques in Plastic Surgery, Annual CME Series- Season 4”, at Medanta-The Medicity, Gurugram, held from 7th-9th Sept, 2019.

v. Dr Prabhat Shrivastava attended ‘Preventive Vigilance & E-Procurement: Key to Good Governance’, a residential training program organized by National Productivity Council (NPC) under Ministry of Commerce & Industries, Government of India, held at Goa from 18th-22nd November, 2019.

Dr. PS Bhandari:

i. Dr PS Bhandari was invited speaker at Workshop on “Knowledge and Skill Update in Nursing Practice” organized by Delhi Nursing Council and delivered a Guest lecture on “Management of Acute Burns” at Lok Nayak Hospital, New Delhi on 14th January, 2019.

ii. Dr PS Bhandari delivered a Guest lecture on “Total auricular reconstruction in congenital and acquired deformity” at “Otoplasty Update and Hands on Cartilage Carving Workshop” at SGPGI, Lucknow, on 16th Jan 2019.

iii. Dr PS Bhandari attended as a Faculty and delivered a Guest Lecture on “Osteotomy in Rhinoplasty” at “The First Russian-Indian Aesthetic Forum–Two Wings”, organized by The Russian Society of Plastic, Reconstructive and Aesthetic Plastic Surgeons and held at New Delhi from 16th-17th February,2019.


v. Dr PS Bhandari delivered a Guest lecture on Open Rhinoplasty at 42nd Annual Conference of AOI (Delhi Chapter) at Lady Hardinge Medical College, New Delhi from 2-3rd March, 2019”

vi. Dr PS Bhandari delivered a lecture on “Vascular anomalies”&“Cleft Lip and palate” in12th Paediatric Surgery Update at MAMC, New Delhi from 1st-7th March 2019

vii. Dr PS Bhandari attended “A Live Operative Workshop” organized by Rajiv Gandhi Cancer Institute at Hotel Crowne Plaza, Rohini, New Delhi on 17th March, 2019. Dr Bhandari was moderator and he also delivered a Guest Lecture on Head and Neck reconstruction.

viii. Dr PS Bhandari attended DMA Annual Conference, “Nacon” 2019, organized by Delhi Medical Association at Hotel Le Meridien, New Delhi on 24th March,2019

ix. Dr PS Bhandari attended as Invited Faculty and delivered a Guest Lecture on ‘Open Rhinoplasty’ at “Rhinoplasty Update 2019” (In association with Delhi AOI) at Baba Saheb Ambedkar Medical College, New Delhi’ on 5th April, 2019
x. Dr PS Bhandari delivered a Guest lecture on ‘Osteotomy in Rhinoplasty’ in ‘3rd International Rhinoplasty Congress’ held at Hotel Royal Orchid, Jaipur on 20th-21st April 2019 and moderated the operative session.

xi. Dr PS Bhandari attended ‘Regional Scar Forum 2019’ at Hotel Lalit, New Delhi on 26th May, 2019 and chaired a session.

xii. Dr PS Bhandari delivered a Guest lecture on ‘Osteotomy in Rhinoplasty’ and ‘Open Rhinoplasty’ in “Rhinoplasty video workshop” held at SDM Hospital Jaipur, Rajasthan, on 9th June 2019.

xiii. Dr PS Bhandari delivered a Guest lecture on “Three decades of ear reconstruction” at ‘APSI –Delhi Chapter Meet’ on 10th August 2019.

xiv. Dr PS Bhandari delivered a Guest lecture on ‘Osteotomy in Rhinoplasty’ in video workshop at Medanta Hospital Gurugram held from 8th-9th Sept.2019.

xv. Dr PS Bhandari delivered Guest lectures on ‘Different techniques of ear reconstruction- Nagata vs Brent vs Me’, ‘Prominent ear’, ‘My tryst with otoplasty so far’ and ‘Video on cartilage carving’. He was Trainer and moderator for hands on carving work shop held on 20th October 2019 in Ramada Hotel, Jaipur.

xvi. Dr PS Bhandari delivered a Guest lecture on “Head and neck reconstruction” in 8th ENT update” held at Maulana Azad Medical College, New Delhi from 5th-7th Dec 2019.

xvii. Dr PS Bhandari delivered a Guest lecture on “Ear reconstruction” and chaired a session on ‘C.R.Sundarajan Video Workshop’ in 54th Annual conference of Association of Plastic Surgeons of India held at Shiksha O Anusandhan, University of Bhuvaneshwar, Odissa on 11th Dec, 2019.

xviii. Dr PS Bhandari was a Guest Faculty and also moderated a session at International Conference on Oral Cancer and Reconstruction held on 14th Dec 2019 at University of Chicago Centre, New Delhi organised by University College of Medical Sciences and GTB Hospital, Delhi.

Dr. Arun Goel:

i. Dr Arun Goel was invited speaker at Workshop on “Knowledge and Skill Update in Nursing Practice” organized by Delhi Nursing Council and delivered a Guest lecture on “Management of Burn Wound and Post Burn Sequelae” at College of Nursing, Lok Nayak Hospital, New Delhi on 14th January, 2019

ii. Dr Arun Goel attended “A Live Operative Workshop” organized by Rajiv Gandhi Cancer Institute at Hotel Crowne Plaza, Rohini, New Delhi on 17th March, 2019.

iii. Dr Arun Goel attended DMA Annual Conference, “Nacon” 2019, organized by Delhi Medical Association at Hotel Le Meridien, New Delhi on 24th March, 2019.

iv. Dr Arun Goel attended ‘Regional Scar Forum 2019’ at Hotel Lalit, New Delhi on 26th May, 2019 and chaired a session

Dr Varsha Gupta:

i. Dr. Varsha Gupta attended “Aesurg 2019” organized at Fariyas Resort, Lonavala, from 14th-17th March, 2019. She also attended the ‘Fat Grafting Course’ and ‘Rhinoplasty Course’ during this conference.

ii. Dr Varsha Gupta attended 7th CME Workshop on Pharmacovigilance for Patient Safety organized by Department of Pharmacology, Maulana Azad Medical College, New Delhi on 27th March, 2019

DNB (Plastic Surgery) Residents:

1. ‘APSI –Delhi Chapter Meet’ was attended by all the 12 DNB residents on 12th Jan 2019. Dr Aakanksha Goel
presented a free paper on ‘Basal Cell Carcinoma of Face-Our Experience’.

2 Dr Anil Kumar Kaler, Dr Bhupendra Gaidhane, Dr Sahil Singla and Dr Vishal Patel attended ‘The First Russian-Indian Aesthetic Forum–Two Wings’, organized by ‘The Russian Society of Plastic, Reconstructive and Aesthetic Plastic Surgeons’, held at New Delhi from 16th-17th February, 2019.

3 Dr Aakanksha Goel, Dr Amit Verma, Dr Vishal Patel, Dr Takshak Deshmukh, Dr Parth Pratim, Dr Sahil Singla and Dr Anil Kaler attended “A Live Operative Workshop” organized by Rajiv Gandhi Cancer Institute at Hotel Crowne Plaza, Rohini, New Delhi on 17th March, 2019.

4 Dr Sahil Singla, Dr Pragya Priya, Dr Vishwadeep and Dr Vishal Patel attended ‘Regional Scar Forum 2019’ at Hotel Lalit, New Delhi on 26th May 2019.

5 ‘APSI –Delhi Chapter Meet’ was attended by all the 12 DNB residents on 10th August 2019. Dr Aakanksha Goel presented a free paper on “Outcomes of Bipolar Sternomastoid Tenotomy for Congenital Muscular Torticollis in ‘Latecomers’”.

6 ‘Plastic Surgery The Meeting 2019’(‘88th Annual Conference of American Society of Plastic Surgeons’) was attended by Dr Aakanksha Goel. She also presented a free paper on “Outcomes of Bipolar Sternomastoid Tenotomy for Congenital Muscular Torticollis in ‘Latecomers’”, at San Diego, California, USA from 19th-23rd September 2019.

7 Dr. Priyadarshini CA attended ‘52nd Mini workshop on Medical Education Technologies’ for senior residents based on ‘MCI Revised Basic Course Workshop Pattern’ from 16th-18th October 2019, organized by Department of Medical Education, National Teachers Training Centre (NTTC), Maulana Azad Medical College, New Delhi.

8 ‘MAMC Post Graduate Surgical Skills Training (PGSST)’ held at Clinical Skills Centre, Maulana Azad Medical College, New Delhi from 30th October-1st November 2019 was attended by Dr. Priyadarshini CA.

9 Dr. Anant Vyas attended ‘53rd Mini workshop on Medical Education Technologies’ for senior residents based on ‘MCI Revised Basic Course Workshop Pattern’ from 30th October-1st November 2019, organized by Department of Medical Education, National Teachers Training Centre (NTTC), Maulana Azad Medical College, New Delhi.

10 ‘MAMC Post Graduate Surgical Skills Training (PGSST)’ held at Clinical Skills Centre, Maulana Azad Medical College, New Delhi from 5th-7th November, 2019 was attended by Dr. Parth Pratim Pasayat and Dr. Anant Vyas.

11 ‘MAMC Post Graduate Surgical Skills Training (PGSST)’ held at Clinical Skills Centre, Maulana Azad Medical College, New Delhi from 13th-15th November, 2019 was attended by Dr. Aakanksha Goel and Dr. Mukul Dhabhai.

12 ‘MAMC Post Graduate Surgical Skills Training (PGSST)’ held at Clinical Skills Centre, Maulana Azad Medical College, New Delhi from 19th-21st November, 2019 was attended by Dr. Neeraj Kumar.

13 Dr. Mukul Dhabhai, Dr. Neeraj Kumar, Dr. Parth Pratim Pasayat and Dr. Aakanksha Goel received certificate of Appreciation (Honours) in recognition of their efforts to provide best patient care during mass casualty on 8th December 2019 from Medical Director, Lok Nayak Hospital, New Delhi.

14 Dr. Aakanksha Goel participated in Clinical Images Competition, Indian Journal of Medical Research 2019 (result pending).


10. Visitors: None

11. Significant Honours to Faculty:
1. Dr. PS Bhandari was honoured for his contributions to medical profession at VIII LOSA Meet organized by
Lansdowne Old Students Association on 15th and 16th June 2019.

2. Dr. Arun Goel received ‘Distinguished Teacher Award’ at the Annual Meeting of Association of National Board Accredited Institutions, ANBAI ((North Zone) on 22nd August 2019.

3. Dr. PS Bhandari was Chief Guest at Veer Chandra Singh Garhwal Medhavi Samman Samaroh at Delhi on 25th August 2019

4. Dr. Prabhat Shrivastava, Dr. PS Bhandari, Dr. Arun Goel and Dr Varsha Gupta received certificate of Appreciation (Honours) in recognition of their efforts to provide best patient care during mass casualty on 8th December 2019 from Medical Director, Lok Nayak Hospital, New Delhi.


12. Fellowship: None

13. Representation on expert committee /bodies: Dr. PS Bhandari, Dr. Arun Goel and Dr. Prabhat Shrivastava are on various expert committees of Ministry of Health and Family Welfare, Nirman Bhawan, Govt. of India, New Delhi
PULMONARY MEDICINE

Name of the Head of Deptt.: Dr. Naresh Kumar, Professor & Head

Dr Naresh Kumar
MD (Medicine)
Professor of Medicine &
Head, Department of Pulmonary Medicine

Faculty

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Name of Faculty</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dr Naresh Kumar</td>
<td>Professor</td>
</tr>
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</table>

Member who have left during the period : None
Additions to the Faculty during the period : Nil

Research Scheme:
(a) Ongoing Project: Development of point of care (POC) diagnostic panel for rapid detection and stratification of bacterial septicemia in critically ill patient. (As Co-Investigator in the DST Project)

(b) Details of thesis completed during current year.
- Prevalence of Metabolic Syndrome in Chronic Obstructive Pulmonary Disease. (As Supervisor)
- Study of Cystatin C and NGAL levels during the progression of early CKD. (As Co-Supervisor)
- CSF Flow analysis in Tubercular Meningitis on 3T MRI. (As Co-Supervisor)

(c) Ongoing Thesis
- Clinical and etiological profile of patients with pericardial effusion.
- Adequacy of blood pressure control in patients with hypertension.
- Study of Thyroid dysfunction and Fibrosis score in Chronic Hepatitis C before and after treatment with Direct acting antiviral agents.
- Assessment of People living with HIV (PLHIV) for advanced HIV disease with special reference to early mortality.
- Occurrence of coronary artery disease in Chronic Kidney Disease patients on regular hemodialysis.
- Cardiovascular manifestations in patients with thyroid dysfunction.

Trainees from other agencies

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Name of Trainees</th>
<th>Sponsoring Agency</th>
<th>Period of Training</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Nursing Students- 38</td>
<td>ABCON</td>
<td>31.07.19 to 16.10.19</td>
</tr>
</tbody>
</table>

Publications during the period:

7. Books/ Chapters/Contributed:
- Lymphatic Filariasis. Emerging and Re-emerging INFECTIOUS DISEASES. A Publication of Association of Physicians of India.
8. Conferences/Workshops/Symposiums attended:
- Attended MEDICINE UPDATE 2019 as Faculty on 9th-10th March 2019 at MAMC, New Delhi.
- Attended a CME on Thalassemia on occasion of World Thalassemia Day 2019 as Faculty on 4th May 2019 at Lady Harding Medical College, New Delhi.
- Attended API-DSC CME organized by Association of Physicians of India Delhi State Chapter as Faculty on 28th July 2019.
- Chaired a session on “Heart Failure-Recent Emerging Concept” in CLINICAL MEDICINE UPDATE 2019 organized by Max Super Specialty Hospital, Vaishali on 4th August 2019.
- Trained as Master Trainer for training the trainers at COE of HIV, MAMC.
- Attended a CME on Haemophilia in Dept of Medicine, MAMC.

Presentations in Conference
1. Mradul K Daga, Ishan Rastogi, Rashmi Mishra, Jitendra Shukla, Naresh Kumar, Goving Mawari. The Role of Lactate monitoring and qSOFA Score in predicting outcome in patients with Sepsis (Oral presentation at CRITICARE 2019, Mumbai).

Representation on expert Committee/Bodies:
1. Member of multidimensional/ multidisciplinary committee for finalizing a comprehensive and composite proposal for facilitating Training and Exchange Programs on Management Skills and Staff Skills of the in-service Medical Professionals/ Paramedicals/Nursing Staff of the Department of H&FW, Govt. of NCT of Delhi in National and International institutes of repute.
2. Member of Committee of Courses and Studies of Department of Medicine in Delhi University.
3. Master Trainer for trainings in HIV Care at COE of HIV, MAMC.
4. Member of Multidisciplinary Committee for management of skills and staff skills.
5. Counsellor for PGDGM Course under IGNOU at MAMC.
6. Counsellor for PGDHIV course at MAMC.
7. Internal Examiner for PGDGM Course from IGNOU at MAMC.
8. External examiner of Medicine for BDS in Sudha Rustogi Dental College, Fraidabad, Rohtak University.
9. External Examiner of Medicine for MBBS Final Professional in King George’s Medical University.
10. Internal Examiner of Medicine at MAMC, Delhi University
11. Expert for Protocol presentation for MD thesis under Delhi University at MAMC.
12. Attended a meeting of Technical Standing Committee as a medical expert in MOH&FW on 24th July 2019 for full reimbursement under relaxation of rules.
14. Reviewed manuscripts for BMJ Case Reports, JoARM &MICR
15. Teaching Medicine to the students of MAIDS, an autonomous institute under GNCTD.

Lab Data:
A) Name of the Lab: Respiratory Lab
B) Name and no. of tests performed

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<th>Name of Investigations</th>
<th>Total No.</th>
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<tbody>
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<td>Spirometry</td>
<td>3179</td>
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<tr>
<td>Bronchoscopy</td>
<td>80</td>
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<tr>
<td>Biopsy</td>
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<tr>
<td>BAL</td>
<td>64</td>
</tr>
</tbody>
</table>
RADIODIAGNOSIS

Name of the Head of department: Dr. Anju Garg

1. Faculty :

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Name of Faculty</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Dr. Anju Garg</td>
<td>Director Professor &amp; HOD</td>
</tr>
<tr>
<td>2.</td>
<td>Dr. Gaurav S Pradhan</td>
<td>Director Professor</td>
</tr>
<tr>
<td>3.</td>
<td>Dr. Alpana Manchanda</td>
<td>Director Professor</td>
</tr>
<tr>
<td>4.</td>
<td>Dr. Rashmi Dixit</td>
<td>Director Professor</td>
</tr>
<tr>
<td>5.</td>
<td>Dr. Anjali Prakash</td>
<td>Director Professor</td>
</tr>
<tr>
<td>6.</td>
<td>Dr. Sapna Singh</td>
<td>Professor</td>
</tr>
<tr>
<td>7.</td>
<td>Dr. Jyoti Kumar</td>
<td>Professor</td>
</tr>
<tr>
<td>8.</td>
<td>Dr. Swati Gupta</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>9.</td>
<td>Dr. Radhika Batra</td>
<td>Assistant Professor</td>
</tr>
</tbody>
</table>

2. Members who have left during the period : NIL

3. Addition of faculty during the period : NIL

4. Research Schemes:
   (A) Thesis submitted in 2019 : 20
   (B) Ongoing projects:
      (I) Thesis to be submitted in 2020 : 20
      (II) Thesis to be submitted in 2021 : 18

There are more than 50 ongoing projects in various specialities with Radiodiagnosis as the coinvestigative department and the faculty members in the department as cosupervisors for these projects.

4(A) Thesis submitted in 2019

<table>
<thead>
<tr>
<th>Name of the student</th>
<th>Thesis topic</th>
<th>Supervisor</th>
<th>Co-supervisor</th>
</tr>
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<tbody>
<tr>
<td>1-Dr Aanchal Ashta</td>
<td>Cerebrospinal fluid flow analysis in tubercular meningitis on 3T MRI</td>
<td>Dr. Anjali Prakash</td>
<td>Dr. Rashmi Dixit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dr. Naresh Kumar</td>
<td></td>
</tr>
<tr>
<td>2-Dr Anjana Rao</td>
<td>High resolution ultrasonography based thyroid imaging, recording and data system (T.I.R.A.D.S.) in risk stratification of thyroid nodules.</td>
<td>Dr. Alpana Manchanda</td>
<td>Dr. Anju Garg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dr. C.B. Singh</td>
<td>Dr. Shyama Lata Jain</td>
</tr>
<tr>
<td>3-Dr Anurag Mehdiratta</td>
<td>Role of 3T MR and MDCT in the evaluation of temporomandibular joint disorders</td>
<td>Dr. Jyoti Kumar</td>
<td>Dr. Alpana Manchanda</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dr. Ishwar Singh</td>
<td>Dr. Sujata Mohanty</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dr. Ruchi Goel</td>
<td></td>
</tr>
<tr>
<td>4-Dr Apoorva Sehgal</td>
<td>Multiparametric MRI in ocular and orbital space occupying lesions.</td>
<td>Dr. Alpana Manchanda</td>
<td>Dr. Jyoti Kumar</td>
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<tr>
<td></td>
<td></td>
<td>Dr. Ruchi Goel</td>
<td>Dr. Sunita Aggarwal</td>
</tr>
<tr>
<td>5-Dr Ashwini Kumari</td>
<td>High resolution 3T MRI in the evaluation of wrist pain</td>
<td>Dr. Sapna Singh</td>
<td>Dr. Anju Garg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dr. Anjali Prakash</td>
<td>Dr. Sumit Sural</td>
</tr>
<tr>
<td>6-Dr Ayan Saha</td>
<td>Role of high frequency ultrasonography in evaluation of various causes of elbow pain</td>
<td>Dr. Gaurav Pradhan</td>
<td>Dr. Sapna Singh</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dr. Vinod Kumar</td>
<td>Dr. Anjali Prakash</td>
</tr>
<tr>
<td>7-Dr Beenish Khan</td>
<td>MR DTI evaluation of CNS Tuberculosis</td>
<td>Dr. Rashmi Dixit</td>
<td>Dr. Anjali Prakash</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dr. Sunita Aggarwal</td>
<td></td>
</tr>
<tr>
<td>S.No</td>
<td>Name</td>
<td>Title</td>
<td>Supervisor</td>
</tr>
<tr>
<td>------</td>
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<td>-------</td>
<td>------------</td>
</tr>
<tr>
<td>1.</td>
<td>Dr. Abhishek Verma</td>
<td>3T MRI in the evaluation of fistula in ano</td>
<td>Dr. Alpana Manchanda</td>
</tr>
<tr>
<td>2.</td>
<td>Dr. Anand Krishna Dev C</td>
<td>Comparison of CT Chest findings in pulmonary tuberculosis among diabetic and non diabetic patients</td>
<td>Dr. Rashmi Dixit</td>
</tr>
<tr>
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<tr>
<td>3.</td>
<td>Dr. Anjali Sah</td>
<td>Role of placental acoustic radiation force impulse (ARFI) elastography in prediction of pre-eclampsia in high risk cases.</td>
<td>Dr. Anju Garg</td>
</tr>
<tr>
<td>No.</td>
<td>Author(s)</td>
<td>Title</td>
<td>Co-authors</td>
</tr>
<tr>
<td>-----</td>
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<td>----------------------------------------------------------------------</td>
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<tr>
<td>4.</td>
<td>Dr. Aparna Murali</td>
<td>Chest ultrasonodonography in the evaluation of dyspnea</td>
<td>Dr. Anjali Prakash Dr. Rashmi Dixit</td>
</tr>
<tr>
<td></td>
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<td>Dr. Monica Juneja Naresh Kumar</td>
</tr>
<tr>
<td>5.</td>
<td>Dr. Arun Kumar</td>
<td>Comparison of MDCT of the abdomen and pelvis with and without oral contrast in the assessment of acute abdominal pain.</td>
<td>Dr. Anjali Prakash Dr. Gaurav Pradhan</td>
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<tr>
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<td>Alpana Manchanda Dr. Jyoti Kumar</td>
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<tr>
<td>6.</td>
<td>Dr. Ayush Jain</td>
<td>Triple-bolus multi detector computed tomographic urography in the evaluation of hematuria</td>
<td>Dr. Sapna Singh Dr. Anjali Prakash</td>
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<td>Dr. Sushanto Neogi Dr. Sunita Aggarwal</td>
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<td>7.</td>
<td>Dr. Bala Subashree A</td>
<td>3T Magnetic resonance evaluation of liver iron overload in thalassemia patients</td>
<td>Dr. Rashmi Dixit Dr. Anju Garg</td>
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<td>U. Jhamb</td>
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<td>8.</td>
<td>Dr. Damini S</td>
<td>3-Tesla Magnetic resonance imaging in the evaluation of rotator cuff abnormalities</td>
<td>Dr. Gaurav Pradhan Dr. Sapna Singh</td>
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<td>Sumit Sural</td>
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<td>9.</td>
<td>Dr. Himanshu Gupta</td>
<td>High resolution Computed Tomography features of temporal bone in patients with congenital sensorineural hearing loss on a 128 slice scanner.</td>
<td>Dr. Gaurav Pradhan Dr. Jyoti Kumar</td>
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<td>Dr. Ravi Meher</td>
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<td>10.</td>
<td>Dr. Mohammad Shoaib</td>
<td>Evaluation of imaging spectrum of Craniovertebral junction abnormalities on 128-slice Multi-detector Computed Tomography.</td>
<td>Dr. Gaurav Pradhan Dr. Jyoti Kumar</td>
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<td>Dr. Sumit Sural Dr. Seema Kapoor</td>
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<td>11.</td>
<td>Dr. Nishitha SH</td>
<td>Computed Tomography spectrum of thoracic manifestations in HIV seropositive patients.</td>
<td>Dr. Alpana Manchanda Dr. Anjali Prakash</td>
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<td>Dr. S. Anuradha</td>
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<td>12.</td>
<td>Dr. Prerna</td>
<td>Sonoelastographic characteristics of breast cancer and its association with immunohistochemical (IHC) subtypes.</td>
<td>Dr. Alpana Manchanda Dr. Anju Garg</td>
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<td>Dr. Nita Khurana Deepak Ghuliani</td>
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<td>13.</td>
<td>Dr. Radhika Daga</td>
<td>Role of Computed Tomography and multiparametric Magnetic Resonance Imaging in Evaluation of sinonasal masses.</td>
<td>Dr. Jyoti Kumar Dr. Gaurav Pradhan</td>
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<td>Dr. Ravi Meher Vikas Malhotra</td>
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<td>14.</td>
<td>Dr. Santosh Meena</td>
<td>3 Tesla Magnetic Resonance Imaging in the evaluation of Laryngeal tumours.</td>
<td>Dr. Sapna Singh Dr. Gaurav Pradhan</td>
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<td>Dr. Rashmi Dixit Vikas Malhotra</td>
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<td>15.</td>
<td>Dr. Shivali Arya</td>
<td>Splenic stiffness measurement by ultrasound elastography and its association with esophageal varices in Chronic Liver Disease.</td>
<td>Dr. Rashmi Dixit Dr. Anjali Prakash</td>
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<td>Dr. A.S. Puri</td>
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<td>16.</td>
<td>Dr. Shubham Khatod</td>
<td>High Resolution Ultrasoundography in the evaluation of Entrapment neuropathies of the upper extremity.</td>
<td>Dr. Anju Garg Dr. Anjali Prakash</td>
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<td>Dr. V.K. Gautam Debashish Chowdhury</td>
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<td>17.</td>
<td>Dr. Suryavanshi Shubham Bipinchandra</td>
<td>Contrast enhanced Computed Tomography and CT perfusion of cervical lymph nodes in head and neck squamous cell cancers</td>
<td>Dr. Jyoti Kumar Alpana Manchanda</td>
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<td>Dr. Nita Khurana Ishwar Singh</td>
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</tbody>
</table>
18. Dr. Snehal Kose  
Ultrasound and Computed Tomography in the evaluation of mesenteric lesions.  
Dr. Sapna Singh  
Dr. Anju Garg  
Dr. Alpana Manchanda  
Dr. Rajdeep Singh

19. Dr. Stuti Chandola  
Imaging spectrum of pelvic endometriosis on 3-T Magnetic Resonance Imaging.  
Dr. Anju Garg  
Dr. Anjali Tempe  
Dr. Rashmi Dixit  
Dr. Renu Tanwar

20. Dr. Vanita Baberwal  
Evaluation of fetal congenital abnormalities on 3 T MRI and its clinical utility.  
Dr. Anjali Prakash  
Dr. Anju Garg

<table>
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<tr>
<th>S.No</th>
<th>Name of the Student</th>
<th>Title</th>
<th>Name of Supervisors</th>
<th>Name of Co-Supervisors</th>
</tr>
</thead>
</table>
| 1    | Dr. Abhishek Gupta  | Ultrasound and multidetector computed tomography in the evaluation of primary retroperitoneal masses. | Dr. Alpana Manchanda  
Dr. Nita Khurana  
Dr. Sapna Singh  
Dr. Rajdeep Singh |
| 2    | Dr. Aishwarya S. Durgad | Evaluation of cervical and vaginal lesions by gel sonovaginography | Dr. Anju Garg  
Dr. Gauri Gandhi  
Dr. Alpana Manchanda |
| 3    | Dr. Amit Kumar  | Diagnostic accuracy of HRCT compared to surgery in patients with squamous type chronic otitis media | Dr. Jyoti Kumar  
Dr. Anjali Prakash  
Dr. J C Passey  
Dr. Ravi Meher |
| 4    | Dr. Anjuman Agrahari | Role of magnetic resonance enterography and diffusion weighted imaging in the evaluation of inflammatory bowel disease | Dr. Rashmi Dixit  
Dr. Anju Garg  
Dr. A S Puri  
Dr. Sapna Singh |
| 5    | Dr. Anubhav Kumar Singh | Imaging evaluation of non traumatic painful hip joint on 3 tesla magnetic resonance imaging | Dr. Anjali Prakash  
Dr. Sapna Singh  
Dr. Lalit Maini  
Dr. Swati Gupta |
| 6    | Dr. Anupran Ghosh | Computed tomography virtual laryngoscopy in the evaluation of laryngeal and hypopharyngeal cancers | Dr. Jyoti Kumar  
Dr. Vikas Malhotra  
Dr. Shramana Mandal |
| 7    | Dr. Krishna Kumar Chaudhary | Computed tomographic evaluation of neck masses in pediatric population | Dr. Rashmi Dixit  
Dr. Anjali Prakash  
Dr. Monica Juneja  
Dr. Vikas Malhotra |
| 8    | Dr. Mohini Kushwaha | Role of multiparametric magnetic resonance imaging in the evaluation of salivary gland tumors | Dr. Jyoti Kumar  
Dr. Anju Garg  
Dr. Ishwar Singh  
Dr. Nita Khurana |
| 9    | Dr. Priyanka Kanwat | Role of 3 tesla magnetic resonance imaging in the evaluation of non-traumatic elbow disorders | Dr. Sapna Singh  
Dr. Rashmi Dixit  
Dr. Anjali Prakash  
Dr. Sumit Sural |
| 10   | Dr. Punit Kumar Sah | Role of three tesla magnetic resonance imaging in evaluation of vascular malformations of extremities | Dr. G S Pradhan  
Dr. Jyoti Kumar  
Dr. Prabhat Shrivastava  
Dr. Rajdeep Singh |
| 11   | Dr. Ramandeep Singh | Role of lung ultrasound in evaluation of interstitial lung diseases | Dr. G S Pradhan  
Dr. Anju Grag  
Dr. Anjali Prakash  
Dr. Naresh Kumar |
| 12   | Dr. Rashmi Udupi | Multiparametric magnetic resonance imaging in evaluation of urinary bladder cancer | Dr. Alpana Manchanda  
Dr. Rashmi Dixit  
Dr. Anurag Mishra  
Dr. Nita Khurana |
4B(II) Protocol submitted in 2019

6. Training Course/Conferences/Workshops organized:
1. Delhi Imaging Update was organized by IRIA in association with Department of Radiodiagnosis, MAMC on 16th & 17th Feb 2019.
2. 4th AIIMS MAMC PGI Imaging Course Series, 5th Course on Genitourinary Imaging was organized by MAMC and held at MAMC Delhi on 15th & 16th Nov, 2019.

    Organizing Committee
    Organizing Chairperson : Dr. Anju Garg
    Organizing Co-Chairperson : Dr. Gaurav Pradhan
    Organizing Secretary : Dr. Alpana Manchanda
    Organizing Secretary : Dr. Sapna Singh
    Treasurer : Dr. Radhika Batra

7. Publications during the period:

    PUBLICATIONS:

**ORAL PRESENTATIONS**

<table>
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<tr>
<th>Title of Presentation</th>
<th>Name of Author</th>
<th>Conference</th>
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<tbody>
<tr>
<td>1. The tingling hand: MR evaluation of median nerve pathologies (won the Best Paper Presentation Award)</td>
<td>Dr. Ashwini Kumari Dr. Sapna Singh Dr. Anju Garg Dr. Anjali Prakash</td>
<td>Delhi Imaging Update on 16-17th Feb, 2019</td>
</tr>
<tr>
<td>2. Paediatric liver tumours- What young radiologists need to know</td>
<td>Dr. Sneha Harish Dr. Sapna Singh Dr. Rashmi Dixit Dr. Anju Garg</td>
<td>AIIMS Rishikesh, RICON, UK on 30-31st March, 2019</td>
</tr>
<tr>
<td>3. CT Imaging in Laryngeal Cancers (CT Imaging of Laryngeal Cancers won the Best Paper Presentation Award)</td>
<td>Dr. Shruti Badkhane Dr. Sapna Singh Dr. Anjali Prakash Dr. Vikas Malhotra</td>
<td>Delhi State Chapter of IRIA on 27thJuly, 2019</td>
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<tr>
<td>4. High Frequency USG in evaluation of Peripheral nerve injuries</td>
<td>Dr. Ayan Saha Dr. Gaurav Pradhan Dr. Sapna Singh</td>
<td>Delhi State Chapter of IRIA on 27thJuly, 2019</td>
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<tr>
<td>5. DTI based white matter atlas of human brain</td>
<td>Dr. Beenish Khan Dr. Rashmi Dixit Dr. Anjali Prakash</td>
<td>Delhi state chapter of IRIA on 27thJuly, 2019</td>
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<tr>
<td>6. PERFUSION CT: A useful technique in predicting necrosis in early stage of severe acute pancreatitis</td>
<td>Dr. Sayan Bhoumik Dr. Alpana Manchanda Dr. Jyoti Kumar Dr. Pawanindra Lal Dr. Sushant Negi</td>
<td>Delhi State Chapter of IRIA on 27thJuly, 2019</td>
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<tr>
<td>7. A diagnosis not to be missed in patients with para spinal masses: extramedullary hematopoiesis</td>
<td>Dr. Nishitha Dr. Alpana Manchanda Dr. Radhika Batra Dr. Tejpal</td>
<td>Ct Buzz, Mumbai on 21st-22nd June</td>
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<td>8. Role of Dynamic Contrast Enhanced MRI in slow flow Vascular Malformations Of the Orbit</td>
<td>Dr. Apoorva Sehgal Dr. Alpana Manchanda Dr. Jyoti Kumar Dr. Ruchi Goel Dr. Anju Garg Dr. RK Saran</td>
<td>Delhi Imaging Update, Feb 16-17, 2019 at MAMC, New Delhi</td>
</tr>
<tr>
<td>9. Spectrum of disease inpatients presenting with symptoms of Limb ischemia on CT Angiography</td>
<td>Dr. Sanchita Gupta Dr. Rashmi Dixit Dr. Anjali Prakash</td>
<td>Delhi Imaging update Feb16-17,2019 at MAMC, New Delhi</td>
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<tr>
<td>10. Thyroid Incidentalomas: their significance and management guidelines</td>
<td>Dr. Anjana Rao Dr. Alpana Manchanda Dr. Anju Garg Dr. CB Singh Dr. Shyama Lata Jain</td>
<td>Delhi State Chapter of IRIA on 27thJuly, 2019</td>
</tr>
</tbody>
</table>
11. Role of magnetic resonance imaging and diffusion weighted imaging in characterization of jaw lesions
Dr. Rajesh V
Dr. Jyoti Kumar
Dr. Alpana Manchanda
Dr. Sujata Mohanty
Dr. Ravi Meher
72nd Annual Conference Of IRIA at Chandigarh

12. Mandibular Condylar Fractures: A Pictorial Review
Dr. Anurag Mehndiratta
Dr. Jyoti Kumar
Dr. Alpana Manchanda
Dr. Ishwar Singh
Dr. Sujata Mohanty
Delhi Imaging update
Feb 16-17, 2019 at MAMC, New Delhi.

13. Comparison of neutral and positive oral contrast in evaluation of bowel lesions in patients with abdominal TB
Dr. Suparna Sahu
Dr. Anjali Prakash
Dr. Anju Garg
Dr. Rashmi Dixit
Dr. Rajdeep Singh
Delhi State Chapter of IRIA on 27th July, 2019

Dr. Swasti
Dr. Anju Garg
Dr. Jyoti Kumar
Delhi State Chapter of IRIA on 27th July, 2019

15. CSF Flow Analysis in Tuberculous Meningitis: our initial experience
Dr. Aanchal Ashita
Dr. Anjali Prakash
Dr. Rashmi Dixit
Dr. Naresh Kumar
ISNR Nov 2019 (21st Annual Conference of Indian Society Of Neuroradiology)

POSTER PRESENTATIONS

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<tbody>
<tr>
<td>1. Multiparametric 3T MRI of suspected Prostatic malignancy</td>
<td>Dr. Pawan Kumar Dr. Anjali Prakash Dr. Rashmi Dixit Dr. Sapna Singh</td>
<td>72th Annual conference of IRIA, PGI Chandigarh, Jan, 2019</td>
</tr>
<tr>
<td>2. High Resolution 3T MRI in the evaluation of ankle and hind foot pain</td>
<td>Dr. Elvis Raja Dr. Sapna Singh Dr. Gaurav Pradhan Dr. Jyoti Kumar Dr. V K Gautam</td>
<td>72th Annual conference of IRIA, PGI Chandigarh, Jan 2019.</td>
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<tr>
<td>3. Diagnostic value of High Frequency USG in Evaluation of ATFL injury</td>
<td>Dr. Naresh Dr. Anjali Prakash Dr. Gaurav Pradhan Dr. Sapna Singh Dr. Lalith Maini</td>
<td>AIIMS Rishikesh, RICON, UK 30-31st March, 2019</td>
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<td>4. Jaundice in infants and children: An imaging overview</td>
<td>Dr. Sowmyashree Dr. Sapna Singh Dr. Rashmi Dixit Dr. Anju Garg</td>
<td>XVII Annual National Conference, Indian society of Paediatric Radiology 7-8th September, 2019</td>
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<td>5. Retroperitoneal lesions in pediatric population: A Pictorial Review</td>
<td>Dr. Suparna Sahu Dr. Anju Garg Dr. Anjali Prakash Dr. Alpana Manchanda Dr. Swati Gupta Dr. Radhika Batra Dr. M Sarthak Swarup</td>
<td>XVII Annual National Conference, Indian society of Paediatric Radiology 7-8th September, 2019</td>
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<td>6. Complete Androgen Insensitivity syndrome In a Family</td>
<td>Dr. Sheetal Agrawal Dr. Stuti Chandola Dr. Anju Garg Dr. Jyoti Kumar</td>
<td>Ultravision 2019 dec 14-15, Dwarka Delhi</td>
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<tr>
<td>7. Assessment of white matter anatomy and DTI Scalar indices in subcortical and periventricular white matter in healthy volunteers: a study at 3T</td>
<td>Dr. Beenish Khan Dr. Anjali Prakash Dr. Rashmi Dixit</td>
<td>KCR 2019</td>
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</table>
### 8. C-1289 Image Based Comprehensive Review of Teratomas

- Dr. S Swarup
- Dr. Swati Gupta
- Dr. Radhika Batra
- Dr. Rashmi Dixit
- Dr. Anju Garg

**European Congress of Radiology 2019,** held Feb 7- Mar 3, 2019, in Vienna, Austria

### 12. Role of diffusion weighted imaging and dynamic contrast enhanced imaging in chemotherapeutic response evaluation in cervical cancers

- Dr. Raghavendra
- Dr. Alpana Manchanda
- Dr. Anju Garg
- Dr. Kishore Singh
- Dr. Gauri Gandhi

**72nd Annual Conference of IRIA at PGI Chandigarh and was awarded 1st prize in women’s imaging category**

### 13. Atypical Posterior Reversible Encephalopathy

- Dr. Sanchita
- Dr. Rashmi Dixit
- Dr. Alpana Manchanda

**ISNR Nov 2019 (21st Annual Conference of Indian Society Of Neuroradiology)**

### 14. CSF flow analysis in healthy volunteers using phase contrast MRI on 3 Tesla MRI

- Dr. Aanchal Ashta
- Dr. Anjali Prakash
- Dr. Rashmi Dixit
- Dr. Naresh Kumar

**ISNR Nov 2019 (21st Annual Conference of Indian Society Of Neuroradiology)**

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**8.SECTIONS/CHAPTERS/CONTRIBUTED:**

5. Dr. Anju Garg is Editor for the textbook- *Diagnostic Radiology- Advances in Imaging Technology* 3rd Edition Jaypee Brothers Medical Publishers(P) Ltd. Ed-Gupta, Garg, Sandhu, 2019

Following chapters were contributed in the Text book of *Diagnostic Radiology-Advances in Imaging Technology* 3rd Edition Jaypee Brothers Medical Publishers(P) Ltd. Ed-Gupta, Garg, Sandhu, 2019

1. Imaging Optimization in Ultrasound- Rashmi Dixit, Anju Garg, Alpana Manchanda, Anjali Prakash.
3. Imaging Optimization in Magnetic Resonance Imaging- Jyoti Kumar, Gaurav Pradhan, Rashmi Dixit, Anjali Prakash
5. Magnetic Resonance Contrast Media- Anju Garg, Radhika Batra, Alpana Manchanda
6. Iodinated Contrast Media: An Update (To Include Reactions and Management)- GS Pradhan, Swati Gupta, Jyoti Kumar, Anju Garg
7. Radiation Protection- Sapna Singh, Gaurav S Pradhan, Swati Gupta


1. Imaging Techniques and Radiological Anatomy of the Upper Urinary Tract- Sapna Singh, Jyoti Kumar, Anjali Prakash
2. Renal Cystic Diseases- Jyoti Kumar, Anjali Prakash, Sapna Singh
3. Renal Neoplasms- Anjali Prakash, GS Pradhan, Rashmi Dixit
4. Imaging Technique and Radiological Anatomy of lower Urinary Tract- GS Pradhan
5. Imaging Techniques and Radiological Anatomy of Female Genital Tract- Swati Gupta, Sapna Singh, AnjuGarg, Satyam
6. Benign Adnexal Disease- Anju Garg, Alpana Manchanda, Radhika Batra
7. Benign Disease of the Uterus and Vagina- Rashmi Dixit, Anju Garg, Alpana Manchanda
8. Malignant Diseases of Uterus and Vagina: Alpana Manchanda, Anju Garg, G S Pradhan
9. Female Infertility- Radhika Batra, Rashmi Dixit, Swati Gupta
10. Conferences/Workshops/Symposiums attended:

1. Delhi Imaging Update – Annual Conference Of Delhi Chapter of IRIA, 15-16th February 2019.- Dr Anju Garg, Dr. Anjali Prakash, Dr. Sapna Singh, Dr GS Pradhan, Dr Alpana Manchanda, Dr Rashmi Dixit, Dr Jyoti Kumar, Dr. Radhika Batra, Dr. Swati Gupta.

2. 4th AIIMS MAMC PGI Imaging Course Series, 4th Course on Advances in Imaging Technology held at AIIMS New Delhi on 5th & 6th April, 2019-Dr Anju Garg

Dr. Anjali Prakash, Dr. Sapna Singh, Dr GS Pradhan, Dr Alpana Manchanda, Dr Rashmi Dixit, Dr Jyoti Kumar, Dr. Radhika Batra, Dr. Swati Gupta

3. XVII Annual National Conference of Indian Society of Paediatric Radiology (ISPR) 2019 held at AIIMS Delhi on 7th & 8th September, 2019- Dr Anju Garg

Dr. Anjali Prakash, Dr. Sapna Singh, Dr GS Pradhan, Dr Alpana Manchanda, Dr Rashmi Dixit, Dr Jyoti Kumar.

4. 4th AIIMS MAMC PGI Imaging Course Series, 5th Course on Genitourinary Imaging held at MAMC Delhi on 15th & 16th Nov, 2019-Dr Anju Garg, Dr Anjali Prakash, Dr. Sapna Singh, Dr GS Pradhan, Dr Alpana Manchanda, Dr Rashmi Dixit, Dr Jyoti Kumar, Dr. Radhika Batra, Dr. Swati Gupta.

Dr. ANJU GARG

1. National annual conference of IRIA 2019 at PGIMER Chandigarh, 17-20th January
2. SOICON 2019 – First annual conference, on Thoracic Oncology imaging from 8th -10th February in Delhi
3. SCIICON 2019 1st annual conference of SCI conference 2019 held on 12th & 13th April 2019 in CMC Vellore
4. INSUOG 3rd-5th May, in Agra
5. Resident Education programme from 23rd -25th August in Delhi
6. Excellence in Peer Review a training workshop on 9th September in Delhi
7. ISNR 2019 – 21st Annual Conference Of Indian Society Of Neuroradiology 31st October – 3rd November in Delhi
8. Dr Rajendra Rao CME 2019 on 14th & 15th December in Chandigarh

Dr. ALPANA MANCHANDA:

1. 70th Annual Conference IRIA-18-20January2019
2. Somatom India Summit 2019 held on 25th – 26th May 2019 at Aerocity Delhi, organised by Siemens.
3. Meeting of Delhi State Chapter of IRIA on theme of ‘Head & Neck Imaging’ on 27th July 2019 at MAMC.
4. AIIMS Radiology Courses on Imaging of Chest tumors on 30th November, 1st December 2019 at AIIMS, New Delhi

Dr. ANJALI PRAKASH

1. 70th Annual Conference IRIA-18-20January2019
2. RICON UK AIIMS Rishikesh-30-31.03.
3. AIIMS Jodhpur PG Refresher Course-12-15.04.19
4. Breast CME–SGRII Delhi-26.05.19
5. Interventional Radiology- IRIA outreach programme ICRI.Delhi-10.7.7.19 Invited chairperson
7. Anaesthesia update MAMC.28.08-1.9.2019
8. Surgery Update.23.09.19
9. MSK CME–Delhi IRIA 20.10.19
10. Ultravision 2019-Delhi IRIA 7-8-12-19-Invited faculty-Chairperson

Dr. SAPNA SINGH:

1. Delhi State Chapter of IRIA held on 27th July,2019
2. 9th Radiology Residents Hot Seat Review Course-2019 held at Apollo Hospital Delhi from 16th-18th April,2019
3. Delhi Residents Education Program (IREP) Delhi, organized by Delhi State Chapter of IRIA held on 23rd-25th August,2019 at Lady Harding Medical College, Delhi.

Dr. JYOTI KUMAR

1. 72nd annual conference of IRIA on 19th-19th January ’19 held at PGI Chandigarh.
2. Basics of radiology for residents in medicine update on 10th March ’19 held at MAMC.
3. Spinal dysraphism in Pediatric CME of West Bengal Of IRIA on 28th April held at Kolkata.
4. CT buzz, on 22nd-23rd June’ 19 held at Mumbai.
5. Monthly meet, IRIA on 27th July’ 19 held at MAMC, Delhi.
6. IREP Delhi on 23rd-25th August held at LHMC, Delhi.
8. Annual conference of SER on 30th November held at AIIMS, Delhi.
9. Imaging in ENT on 6th December held at MAMC, Delhi.

Dr. SWATI GUPTA
1. Basic Course Workshop by MCI Regional Centre, Maulana Azad Medical college, New Delhi held from 13/2/2019 to 15/2/2019.
2. Sensitization workshop for Attitude, ethics and Communication (AETCOM) module organized by Medical Council of India, Regional Centre, Maulana Azad Medical College, New Delhi on 16/2/2019
3. Monthly meeting of Delhi State Chapter, on ‘Head and Neck Imaging’, held on 27th July 2019 at Maulana Azad Medical College, Delhi.

Dr. RADHIKA BATRA
1. Monthly meeting of Delhi State Chapter, on ‘Head and Neck Imaging’, held on 27th July 2019 at Maulana Azad Medical College, Delhi.
2. Revised Basic Course Workshop in Medical Education Technologies by MCI Regional Centre, Maulana Azad Medical college, New Delhi held from 3/12/2019 to 5/12/2019.

10. Visitors
Dr.Vivek Mishra, Consultant Radiologist from Chicago, U.S. visited the Department and discussed interesting cases in Neuroradiology.

11. Lectures delivered:
Dr. ANJU GARG
1. Acute appendicitis – imaging update at National annual conference of IRIA 2019 at PGIMER Chandigarh, 17-20th January
2. Imaging of the placenta at Delhi Imaging Update 16 & 17th February in Delhi
3. Antenatally diagnosed surgical conditions at 12th Paediatric Surgery Update on 7th March in MAMC, Delhi
4. MRI contrast media at 4th course of AIIMS-MAMC-PGI imaging course series on Advances in Imaging Technology held on 5th & 6th April in Delhi
5. Film Reading Session On Genitourinaray Imaging at the Resident Education programme from 23rd -25th August in Delhi
6. MRI contrast agents in Neuroimaging and their current updates at the ISNR 2019 – 21st Annual Conference Of Indian Society Of Neuroradiology 31st October – 3rd November in Delhi
7. Imaging in benign adnexal lesions at 5th course of AIIMS-MAMC-PGI imaging course series on Genitourinary Imaging held on 15th & 16th November in Delhi
8. Imaging in twin pregnancy at the Dr Rajendra Rao CME 2019 on 14th & 15th December in Chandigarh
9. Imaging the adherent placenta at the Dr Rajendra Rao CME 2019 on 14th & 15th December in Chandigarh

Dr. GS PRADHAN
1. Iodinated Contrast Media: An Update (To Include Reactions and Management) in the AIIMS MAMC PGI Teaching Course Series on Advances in Imaging Technology held on 5th-6th April, 2019 at AIIMS, Delhi
2. Imaging Techniques and Radiological Anatomy of Lower Urinary tract in 4th AIIMS MAMC PGI Imaging Course Series on Genitourinary Imaging held at MAMC Delhi on 15th& 16th Nov, 2019.

Dr. ALPANA MANCHANDA
1. Digital Radiography: An Update in the 4th course of the 4th AIIMS-MAMC-PGI Imaging Course on Advances in Imaging Technology on 5th-6th April 2019 at AIIMS, New Delhi.
2. Malignant Diseases of Uterus in the 5th course of the 4th AIIMS-MAMC-PGI Imaging Course Series on Genitourinary Imaging on 15th-16th Nov 019 at MAMC, New Delhi.
3. Abdominal and Skeletal Condition in Paediatrics in the Paediatrics workshop from 18th-20th Dec 2019 organised by dept of Pediatrics, MAMC.

Dr. RASHMI DIXIT
1. Imaging Optimization in Color Doppler at 72nd annual conference of IRIA on 17th-19th January held at PGI Chandigarh.
2. Imaging of Small bowel tumors at 72nd annual conference of IRIA on 17th-19th January held at PGI Chandigarh.
3. Imaging optimization in ultrasound at AIIMS MAMC PGI Imaging course -5th&6th April 2019
4. Imaging of Benign Uterine lesions at AIIMS MAMC PGI Imaging Course -15th &16th Nov 2019

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Dr. ANJALI PRAKASH
1. Ultrasound Artifacts at 70th Annual Conference IRIA-18-20 January 2019
2. Abdominal Tb at RICON UK AIIMS Rishikesh-30-31.03.19
3. MRI Instrumentation and safety at AIIMS-MAMC-PGI on 5-6.04.19
4. Approach to bone tumours at AIIMS Jodhpur PG Refresher course-12-15.04.19
5. MRI safety at DIU--Annual Conference of Delhi Chapter IRIA 2019
6. Radiological Spectrum of Tb at SKIN CME MAMC-28.07.19
7. Airway Radiology And Chest Xray at Anaesthesia Update MAMC.8.08-1.9.
8. Radiology of Biliary System at Surgery Update.23.09.19
9. Understanding FAI at MSK CME–DELHI IRIA 20.10.19

Dr. SAPNA SINGH
1. Radiation Protection in the AIIMS MAMC PGI Teaching Course Series on Advances in Imaging Technology held on 5th-6th April, 2019 at AIIMS, Delhi
2. Hot Seat Review/ Film Reading Session on Abdominal Radiology at the 9th Radiology Hot Seat Review Course held from 16th-18th August, 2019 at Apollo Hospital, Delhi
3. Sellar and Juxtasellar Lesions in IREP held from 23rd-25th August, 2019 at LHMC, Delhi
4. Radiological Anatomy and Imaging Techniques of the Upper Urinary Tract in 4th AIIMS MAMC PGI Imaging Course Series on Genitourinary Imaging held at MAMC Delhi on 15th & 16th Nov, 2019
5. CT and MRI Interpretation of Brain in the Paediatric imaging workshop from 18th-20th Dec 2019 organised by dept of Pediatrics, MAMC.

Dr. JYOTI KUMAR
1. Laryngeal neoplasms in 72nd annual conference of IRIA on 17th-19th January ’19 held at PGI Chandigarh.
2. Cochlear implant imaging in DIU MAMC on 16th-17th February ’19 held at MAMC.
3. Basics of radiology for residents in medicine update on 10th March ’19 held at MAMC.
5. Spinal dysraphism in Pediatric CME of West Bengal Of IRIA on 28th April held at Kolkata.
6. Spatial approach to neck mass and Panel discussion in CT buzz, on 22nd-23rd June’19 held at Mumbai.
7. Head and neck emergency SER e-lecture on 19th July.
8. Interactive case discussion at monthly meet, IRIA on 27th July’19 held at MAMC, Delhi.
10. Cochlear implant imaging in ISPR on 7th-8th September’19 held at AIIMS, Delhi.
11. Film reading session in IREP Delhi on 23rd-25th August held at LHMC, Delhi
12. Head and neck emergency Annual conference of SER on 30th November held at AIIMS, Delhi.
13. Imaging Temporal bone in Imaging in ENT on 6th December held at MAMC, Delhi.

Dr. SWATI GUPTA
1. Imaging Techniques and Radiological Anatomy Of Female Genital Tract at The Fourth AIIMS-MAMC-PGI imaging course series, 5th course on genitourinary imaging held at Maulana Azad medical college on 15th and 16th November 2019
2. CT Scan of Nose And Paranasal Sinuses at The 1st CME on Imaging in ENT held at Maulana Azad Medical college, New Delhi On 10th August 2019
3. Spotters at Fourth AIIMS-MAMC-PGI imaging course series, 4th course on Advances in Imaging Technology, held at All India Institute of Medical sciences, New Delhi on April 5th and 6th 2019

Dr. RADHIKA BARTA
1. Spotters in Delhi Imaging Update, Delhi State Chapter of IRIA, held at Maulana Azad Medical College on 16th & 17th February, 2019
2. Imaging of neck spaces in monthly meet of Delhi state chapter of IRIA at Maulana Azad Medical College on 27th July, 2019
3. CT of the neck in 1st CME on Imaging in ENT at Maulana Azad Medical College on 10th August, 2019
4. Spotters in Fourth AIIMS-MAMC-PGI Imaging Course Series, 5th course on Genitourinary Imaging, held at Maulana Azad Medical College on 15th & 16th November, 2019
5. Imaging the Pediatric Chest, in Practical Pediatric Capsule Course, Department of Pediatrics, held at Maulana Azad Medical College from 18th to 20th December, 2019
Significant Events (Honors to Faculty)/AWARDS

Dr. RASHMI DIXIT
Awarded Academic Excellence award by Delhi State Chapter IRIA at DIU Feb 2019, N. Delhi.

Dr. JYOTI KUMAR
1. Fellowship Indian College of Radiology, in 72nd annual conference of IRIA on 17th-19th January ’19 held at PGI Chandigarh.
2. Dr. N.G. Gadekar Oration on Imaging in inner ear malformations, in 72nd annual conference of IRIA on 17th-19th January ’19, held at PGI Chandigarh.

12. Fellowship: N/A

13. Representation on expert Committee/Bodies.

Dr. ANJU GARG
1. Member of technical specification and evaluation committee for purchase of Radiology equipments for AIIMS.
2. Member of technical specification and evaluation committee for purchase of radiology equipments – for the Delhi government hospitals (CPA)
3. Member of the technical committee for Essential Drugs and other Consumable and non-consumable items for department of Radiodiagnosis for Delhi Govt hospitals
4. Member of the technical committee for Essential Drugs and other Consumable and non-consumable items for department of Radiodiagnosis for JSSH, Janakpuri.
5. Member of Subject Expert Committee for Radiodiagnosis at the Central Drugs Standard Control Organisation (CDSCO), DGCI, FDA.
6. Member of the state supervisory board under the PC & PNDT Act.
7. Member of the Essential Drugs List committee of govt. of NCT, Delhi for selection of essential medicine
8. Expert reviewer for the MAMC Journal of Medical Sciences and Indian journal of Radiology and Imaging
9. Member of pharmacovigilance committee, MAMC

Dr. G S PRADHAN
1. Subject expert for selection of senior residents in department of radio-diagnosis, Maulana Azad Medical College, New Delhi.
2. Subject expert for selection of senior residents in department of Radio-diagnosis, LN hospital, New Delhi.
4. Technical expert for central procurement agency (CPA), Delhi government for various diagnostic radiology equipments for Delhi government hospitals.

Dr. ALPANA MANCHANDA
1. Chairperson in Ultravision 2019, organised by Delhi state chapter IRIA on 14th Nov 2019
2. Nodal officer of PC and PNDT of Department of Radio-Diagnosis MAMC and LNH.
3. Organizing secretary of 4th AIIMS MAMC PGI Imaging Course Series on Genitourinary Imaging held at MAMC Delhi on 15th & 16th Nov, 2019

Dr. RASHMI DIXIT
1. Subject expert DNB
2. Member Pharmacovigilance Committee.
3. Technical expert for central procurement agency (CPA), Delhi government for various diagnostic radiology equipments for Delhi government hospitals.

Dr. ANJALI PRAKASH
1. National Board Of Examinations
2. Technical specification and evaluation Committee for radiology Equipment GNCT DELHI
3. Technical committee- ILBS, Delhi
4. Member TAC-AIIMS DELHI
5. AIIMS, RISHIKESH
6. Subject Representative National Medical Library
7. Library Advisory Committee–MAMC
8. Vice President-Delhi State Chapter of IRIA
9. Convenor of DIU 2019 and member of Scientific Committee DIU

**Dr. SAPNA SINGH**
1. Subject expert DNB
2. Organizing secretary of 4th AIIMS MAMC PGI Imaging Course Series on Genitourinary Imaging held at MAMC Delhi on 15th & 16th Nov, 2019

**Dr. JYOTI KUMAR**
Subject expert DNB

**Dr. RADHIKA BATRA**
Part of IT Committee MAMC

**Dr. SWATI GUPTA**
Expert Member In “Workshop for developing training modules for management of Extra-pulmonary TB” held at All India Institute of Medical sciences, Delhi from 11th to 13th September 2019 and 21st to 23rd October 2019

10. **Health services to the community:**

11. **Lab data:**

   **STATISTICAL DATA W.E.F 01.01.2019 TO 31.12.2019**

1. Digital + CR Radiography  
   (Emergency, + Main Department + OPD + Ortho)  
   : 340438

2. In Bed (Ortho + Emergency)  
   : 14140

3. M.L.C. (Digital + CT)  
   : 19639
   **Grand Total**  
   : **374217**

4. Ultrasound & Colour Doppler  
   (Main X-ray & Emergency)  
   : 77278

5. Whole Body C.T. Scan  
   (Main Dept. + Emergency)  
   : 43147

6. M.R.I.  
   : 11820

7. Special Investigations  
   : 2711

16. **New Facilities added:** A state of the art, Full Field Digital Mammography with Breast Tomosynthesis equipment was installed in the Department in November 2019.
RADIOTHERAPY

1. NAME OF THE HEAD OF THE DEPARTMENT: Dr. Arun Kumar Rathi

2. MEMBERS WHO HAVE LEFT DURING THE PERIOD:

<table>
<thead>
<tr>
<th>S. No</th>
<th>Name of the Faculty</th>
<th>Designation</th>
<th>Reason for leaving the job</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dr. Surender Saini</td>
<td>Assistant professor</td>
<td>Joined AIIMS, Delhi</td>
</tr>
</tbody>
</table>

3. ADDITION OF THE FACULTY DURING THE PERIOD:

<table>
<thead>
<tr>
<th>S. No</th>
<th>Name of the faculty</th>
<th>designation</th>
<th>Whether newly joined/promoted</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dr. Faiz Akram Ansari</td>
<td>Assistant professor</td>
<td>Newly joined/ Diverted from B.R. Ambedkar Medical College</td>
</tr>
<tr>
<td>2</td>
<td>Dr. Surender Saini</td>
<td>Assistant professor</td>
<td>Newly joined/ Diverted from B.R. Ambedkar Medical College</td>
</tr>
</tbody>
</table>

4. LIST OF FACULTIES:

<table>
<thead>
<tr>
<th>S. No</th>
<th>NAME OF THE FACULTY</th>
<th>DESIGNATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dr. K. Singh</td>
<td>Medical Director(LNH), Director Professor</td>
</tr>
<tr>
<td>2</td>
<td>Dr. A. K. Rathi</td>
<td>HOD and Director Professor</td>
</tr>
<tr>
<td>3</td>
<td>Dr. Anurita Srivastava</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>4</td>
<td>Dr. Savita Arora</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>5</td>
<td>Dr. Archana Aggarwal</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>6</td>
<td>Dr. Mohammad Azam</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>7</td>
<td>Dr. Wineeta Melgandi</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>8</td>
<td>Dr. Faiz Akram Ansari</td>
<td>Assistant Professor</td>
</tr>
</tbody>
</table>

5. RESEARCH SCHEME
a) Ongoing projects:
   i) Dr. Anurita Srivastava
      Longitudinal analysis with SCC antigen to predict treatment response in oesophageal cancer
   ii) On going thesis:
      1. Dr. Deepshika Rai: Comparison of cisplatin with paclitaxel and carboplatin as concurrent chemotherapy regime in treatment of carcinoma cervix
      2. Dr. Himanshi Kaushik: Comparison of biodosimetry in head and neck cancer patients treated with concurrent chemoradiotherapy versus accelerated fractionation radiotherapy by dicentric chromosomal aberration
      3. Dr. Nitish Kumar: Comparison of effect of early versus delayed surgery after neoadjuvant therapy in carcinoma esophagus
      4. Dr. Ankita Katoch: To compare toxicity profile of mFOLFOX-6 with CAPOX, given as adjuvant chemotherapy in carcinoma rectum
      5. Dr. Lakshmi Raj: Prognostic significance of p16 expression in oropharyngeal cancers
      6. Dr. Nayan Agarwal: Biodosimetric comparison of head and neck squamous cell carcinoma patients undergoing concurrent chemoradiation with or without gefitinib by dicentric assay.
      7. Dr. Shashi: Occurrence and prognostic significance of p16 in locally advanced carcinoma cervix patients
      8. Dr. Nity: Systemic inflammatory markers in carcinoma cervix patients treated with chemoradiation
      9. Dr. Tejasi: Systemic inflammatory markers in patients of carcinoma esophagus undergoing neoadjuvant treatment
10. **Dr. Srishti**: Occurrence and Clinico-Pathological correlation of founder mutations 185delag (brca1) and 6174delt (brca2) in patients of locally advanced breast cancer.

(b) **Details of thesis completed during the year**:
1. **Dr. Kavita Sehrawat**: Correlation of Systemic Inflammatory Markers with Response in Patients of Carcinoma Rectum Undergoing Neoadjuvant Chemoradiation
2. **Dr. Kumar Prabhat**: Biodosimetric evaluation in head and neck cancer patients receiving radiotherapy or concurrent chemoradiotherapy by dicentric chromosomal aberration assay
3. **Dr. Subhadra Choubey**: Comparison between the clinical outcomes of two hypo-fractionated palliative radiotherapy schedules in locally advanced inoperable head and neck cancers
4. **Dr. Varshu Goel**: Assessment of response, toxicity and quality of life of carcinoma cervix patients undergoing chemoradiotherapy and adjuvant chemotherapy with gemcitabine and cisplatin.

6. **TRAINEEs FROM OTHER AGENCIES**: Nil.

7. **TRAINING COURSE/CONFERENCES/WORKSHOPS ORGANIZED**:
   - **Conference organized**:
     1. International Symposium on Medical Imaging Physics and Image Guidance in Radiotherapy organized during December 16-19, 2019 at Maulana Azad Medical College New Delhi under the aegis of AMERICAN ASSOCIATION OF MEDICAL PHYSICISTS IN MEDICINE and ASSOCIATION OF MEDICAL PHYSICISTS OF INDIA.

8. **PUBLICATIONS DURING THE PERIOD**:
   g. Printed abstracts to AROICON 2019

9. **BOOKS/CHAPTERS CONTRIBUTED**:
   1. Name of Book: OBGY subspecialties book
      Chapter: Radiotherapy in Gynecologic Cancers
      Authors: Aditi Aggarwal, Arun Kumar Rathi, Savita Arora, Kishore Singh.

10. **WORKSHOPS/CONFERENCES/SYMPOSIUM ATTENDED**:
    1. DR KISHORE SINGH.
CONFERENCE ATTENDED
1. RGCON 2019 ‘Thoracic Oncology’ from 8 - 10 February, 2019 by RGCIRC and International Association for The Study of Lung Cancer.
3. ENDOLAP @ MAMC, LNHI Oration &quot;Sunday, 03 March 2019 at MAMC, New Delhi.
4. 41st AROICON 2019 at Ahmedabad, 28th November to 1st December 2019.

DELIVERED LECTURE AT

CHAIRRED SESSION / PANELIST AT:
1. RGCON 2019 ‘Thoracic Oncology’ from 8 - 10 February, 2019 by RGCIRC and International Association for The Study of Lung Cancer; Chaired the session “Demystifying Management strategies in Early Stage Lung Cancer”.
2. 5th Innovations in Oncology; held on 28th April 2019, New Delhi.
4. 1st Mid Year Uro Oncology Update, New Delhi, 10 to 11 August, 2019 New Delhi.
6. 3rd Precision Oncology and Annual International Breast cancer conference at Pink City, Jaipur from 11th-13th October 2019.
7. Oncology Forum Annual Meeting 2019, held on 7th &amp; 8th Dec 2019 at New Delhi.

A. DR. A.K. RATHI
CONFERENCE ATTENDED & CHAIREd:
1. RGCON 2019 ‘Thoracic Oncology’ from 8 - 10 February, 2019 by RGCIRC and International Association for The Study of Lung Cancer; Chaired the session “Demystifying Management strategies in Early Stage Lung Cancer
2. Sir Ganga Ram Hospital Update in Oncology -X-2019 “Controversies in Gynae Oncology” held on 4th &amp; 5th May 2019
4. 3rd Precision Oncology and Annual International Breast cancer conference at Pink City, Jaipur from 11th-13th October 2019.
5. Judge for best paper presentation at brachytherapy conference organised by Dharamshila hospital.

B. DR. ANURITA SRIVASTAVA
1. 23rd March 2019: Update on Ovarian Tumour, Role ; Chairperson.
3. 17th aug 2019: Max Debates Role: Panelist for "Proton therapy will make other High end photon based RT techniques obsolete.
4. 6th Sept 2019: Delhi head and neck oncology group CME. Role: Panelist: T3 Ca Hypopharynx.
5. Actively participated in 3rd AROI-ESTRO GYN Teaching Course on “3D Radiotherapy with a Special Emphasis on Implementation of MRI / CT Based Brachytherapy in Cervical Cancer”, March 2019.

C. MR. SAURABH ROY
1. Actively participated in 3rd AROI-ESTRO GYN Teaching Course on “3D Radiotherapy with a Special Emphasis on Implementation of MRI / CT Based Brachytherapy in Cervical Cancer”, March 2019

D. DR. NARAYAN ADHIKARI
2. Clinical case capsules in cancer (C4) organised by Max hospital, 1st prize in head and neck segment (Team MAMC led by Dr. Narayan).
3. AROICON 2019, Gujrat
   - poster presentation
   - 1st prize in quiz (Team leader)
4. Pancreas CME organised by Ganga Ram hospital

E. DR. DEEPAK RAJ SONKAR
2. AROICON 2019, Gujrat
   - poster presentation
   - 1st prize in quiz.
3. Medical education CME organised by MAMC.

F. DR. VAIBHAV SHAKYA
1. ICRO proadvance, Pune, April 2019.

G. DR. SHRUTI AGARWAL
2. ICRO proadvance, Chandigarh, September 2019.
3. Medical education CME organised by MAMC.
4. Annual meet of Oncology forum, December 2019

H. DR. CHINMAYEE AGARWAL
1. AROICON 2019, Gujrat -1st prize in quiz.

I. DR. KAVITA SEHRAWAT:
1. Presented an E-poster in AROICON 2019 titled “To determine the predictive significance of pretreatment levels of system inflammatory markers(SIM) for post neoadjuvant treatment(NAT) response in patients of carcinoma rectum”
2. Won 2nd prize in oncology forum quiz conducted by Dharamshila Narayana hospital in December 2019.
3. Attended Short term training in the Department of Radiation Oncology, AIIMS, New Delhi from 14th to 19th October 2019.
4. Presented an E-Poster and Best paper in NZ AROI 2019, Amritsar titled “To determine the predictive significance of pretreatment systemic inflammatory markers (SIM) for neoadjuvant treatment response in patients of carcinoma rectum”
5. Won 1st prize in case capsule on head and neck cancer conducted by MAX hospital in June 2019.
6. Won 1st Prize winner in a quiz competition during Brachytherapy Workshop under the theme “Innovations and Solutions” held on 18th – 19th May 2019 by Dharamshila Narayana Superspeciality Hospital, Kaushambhi, Delhi- NCR

J. DR. KUMAR PRABHAT
1. Won 1st prize in best oral proffered paper category at NZ-AROICON Amritsar 2019
3. Attended Short term training in the Department of Radiation Oncology, AIIMS, New Delhi from 21st to 26th October 2019.
4. Presented an E-Poster and won 1st prize in best oral proffered paper category at NZ-AROICON 2019 at Amritsar

K. DR. SUBHADRA CHOUBEY
1. Presented an E-poster at the 41st Annual Conference of AROI - AROICON 2019 themed “Inception, Evolution, Evidence & Future in Oncology” held from 28th November to 1st December 2019 at Ahmedabad, Gujarat.
2. Attended Short term training in the Department of Radiation Oncology, AIIMS, New Delhi from 21st to 26th October 2019.


4. Attended the Brachytherapy Workshop under the theme “Innovations and Solutions” held on 18th – 19th May 2019 by Dharamshila Narayana Superspeciality Hospital, Kaushambhi, Delhi- NCR.


11. TRAINING COURSE ATTENDED:
1. Radiobiology class by Dr. Manoj Gupta on 13/7/2019 at Amritsar attended by Dr. Nitish Kumar, Dr. Lakshmi Raj ,Dr. Himanshi Kaushik
2. ICRO 33 RD PG Teaching program 12/10/2019 and 13/10 /2019 on Paediatric malignancies at Lucknow attended by Dr Ankita Katoch ,Dr Deepshika Rai.

12. VISITORS: Nil

13. SIGNIFICANT EVENTS (HONORS TO FACULTY):
   Dr. K. Singh and Dr. A.K. Rath welcomed lifetime achievement awards by association of radiation oncologists of India (north zone).

14. FELLOWSHIP:
1. Dr. Savita Arora
   Fellowship in Brachytherapy in gynecologic cancer at Christie hospital, Manchester, United Kingdom by Association of Radiation Oncologist of India. (May/June 2019)
2. Dr. Kumar Prabhat
   Awarded Neil Joseph fellowship 2019 at AROICON Gujarat
3. Dr. Kavita Shehrawat:

15. REPRESENTATION ON EXPERT COMMITTEE/BODIES:
Dr. K. Singh
1. Examiner
   i. S N Medical College, Agra.
   ii. PGIMER, Chandigarh.
   iii. Shri Ram Murti Smarak Medical College, Bareilly.
2. Assisted in the selection of Faculty at:
   a. AIIMS, Vijayawada
   b. ILBS, Delhi
3. Representation on expert committee/ bodies:
   Nominated by:
A. Independent Expert Committee for examination of reports of Serious Adverse Events (SAE’s) of Death occurred during clinical trials at DCG (I), CDSCO (HQ), FDA, Ministry of Health and Family Welfare.

B. Chairman post graduate cell for discussion and approval of thesis protocol of PG students’ batch 2019.

C. Expert member for Delhi Medical Council.

D. Member technical selection committee approval / rejection of globally tendered machinery and equipment at Dr. BRAIRCH, AIIMS, New Delhi.

E. Member selection committee for selection of Faculty at ILBS, Delhi.

F. Member technical selection committee machinery and equipment at ILBS, Delhi.

**Dr. A. K. Rathi**

1. Post graduate examiner at:
   - Bikaner, Rajasthan.
   - PGIMS, Rohtak, Haryana.
   - AIIMS, Delhi.
   - Dehradun, Uttakhand.

2. PhD examiner at Shri Mata Vaishno Devi University, Katra, J &K

3. Examiner at National Board of Examination (NBE).

4. Expert for faculty interview at Lady Hardinge Medical College, New Delhi.

**Dr. Savita Arora:**

Post Graduate Examiner at S N Medical College, Agra.

16. **HEALTH SERVICES TO THE COMMUNITY:** Nil.

17. **LAB DATA:** Nil.

18. **NEW FACILITIES ADDED**

   CT Simulator installed in the department

   Multispecialty tumor board started that includes Department of Pathology, Department of Radiodiagnosis and other clinical Departments concerned.

   Musculoskeletal tumor board started in coordination with Department of Orthopedics.

   Gastrointestinal tumor board in coordination with department of gastroenterology and gastosurgery, GBPH.

19. **ANY OTHER WORTH MENTIONING INFORMATION:**

**Dr. K. Singh**

Appointed Medical Director L N Hospital, Delhi.

Elected as *Editor in Chief* of Journal of Cancer research and Therapeutics, official Journal of Association of Cancer Research and Therapeutics.

State Award for meritorious service by Department of Health and Family Welfare, GNCT.


**Dr. A. K. Rathi**

Nominated as Executive editor of JCRT.

Chairperson in the International Symposium on Medical Imaging Physics and Image Guidance in Radiotherapy organized during December 16-19, 2019 at Maulana Azad Medical College New Delhi
SURGERY

1. FACULTY

<table>
<thead>
<tr>
<th>S No</th>
<th>Name of the Faculty</th>
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<tbody>
<tr>
<td>1</td>
<td>Dr. Pawanindra Lal</td>
<td>Director Professor &amp; Head</td>
</tr>
<tr>
<td>2</td>
<td>Dr. R K Jindal</td>
<td>Director Professor</td>
</tr>
<tr>
<td>3</td>
<td>Dr. Sudhir Kumar Jain</td>
<td>Director Professor</td>
</tr>
<tr>
<td>4</td>
<td>Dr. C B Singh</td>
<td>Professor</td>
</tr>
<tr>
<td>5</td>
<td>Dr. Pawan Lal</td>
<td>Professor</td>
</tr>
<tr>
<td>6</td>
<td>Dr. Rajdeep Singh</td>
<td>Professor</td>
</tr>
<tr>
<td>7</td>
<td>Dr. Sushanto Neogi</td>
<td>Professor</td>
</tr>
<tr>
<td>8</td>
<td>Dr. Anubhav Vindal</td>
<td>Professor</td>
</tr>
<tr>
<td>9</td>
<td>Dr. Deepak Ghuliani</td>
<td>Professor</td>
</tr>
<tr>
<td>10</td>
<td>Dr. Anurag Mishra</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>11</td>
<td>Dr. Lovekesh Kumar</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>12</td>
<td>Dr. Lovenish Kumar</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>13</td>
<td>Dr. Tirlok Chand</td>
<td>Assistant Professor</td>
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2. MEMBERS WHO HAVE LEFT DURING THE PERIOD:

<table>
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<th>S No</th>
<th>Name of the Faculty</th>
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<tbody>
<tr>
<td>1</td>
<td>Dr. Lovekesh Kumar</td>
<td>Assistant Professor</td>
<td>Promoted to Associate</td>
</tr>
<tr>
<td>2</td>
<td>Dr. Lovenish Kumar</td>
<td>Assistant Professor</td>
<td>Promoted to Associate</td>
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</table>

ADDITIONS TO FACULTY /PROMOTION DURING THE PERIOD:

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<tr>
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<td>Dr. Lovekesh Kumar</td>
<td>Associate Professor</td>
<td>Promoted</td>
</tr>
<tr>
<td>2</td>
<td>Dr. Lovenish Kumar</td>
<td>Associate Professor</td>
<td>Promoted</td>
</tr>
</tbody>
</table>

4. RESEARCH SCHEME

(a) Ongoing Projects:
1. Multicentre observational study: “The Trauma Triage study in India(TTRIS)-A comparison of prediction model for triage in adult trauma patients presenting to hospitals”. [Prof. Rajdeep Singh(PI) & Asst. Prof. Anurag Mishra(CI)]
2. TAFT- Multicentric trial on Audit filters in Trauma” Prof. Rajdeep Singh(PI) & Asst. Prof. Anurag Mishra(CI)
3. Training programme in gas insufflation-less laparoscopic surgery for rural surgeons of North-East India. (2019) TARGET STUDY; In association with Medical College, Kolkata; Karunya University; National Institute of Health Research and University of Leeds. Dr Anurag Mishra, Dr Lovenish Bains
4. Establishing core outcome sets for gastrointestinal recovery in studies of postoperative ileus and small bowel obstruction: Protocol with a nested methodological study: Dr Anurag Mishra
5. A prospective randomised double blind controlled study to evaluate the efficacy and safety of Venusmin 900 mg, a 100% pure and micronized Oral Diosmin in the cessation of bleeding and symptoms associated with haemorrhoids.: Dr Rajdeep Singh, Dr Anurag Mishra

(b) COMPLETED IN 2018
1. Gasless Laparoscopy : RCT - Dr Anurag Mishra (PI), Dr Lovenish Bains (CI)
2. Exploring the need for a structured laparoscopic surgical training programme: The experiences of rural Indian doctors and surgeons. Anurag Mishra, Ellen Wilkinson
4. The usability of a low-cost laparoscopic simulator (LapPack) in training medical students and junior surgical trainees in low- and middle-income countries (LMICs): Riya Sawhney, Anurag Mishra
5. A Prospective, Multi-Centric, Randomized, Double-Blind, Parallel, Phase-III Study to Assess Efficacy of PMZ-2010 as a Resuscitative Agent for Hypovolemic Shock to be Used as an Adjuvant to Standard Shock Treatment. : Dr Anurag Mishra

(c) Thesis completed in 2019

1. Kanhaiya KK. Comparison of effect of standard pressure with low pressure pneumoperitoneum in changes in coagulation profile in patients undergoing laparoscopic cholecystectomy. (Dr RK Jindal)
2. Balaji C. Comparison of interrupted-x technique closure versus conventional continuous closure of rectus sheath - a randomized control study. (Dr SK Tudu)
3. Raghavendra RT. A randomised control study comparison between flap fixation and conventional drain. (Dr SK Tudu)
4. Gautam S. Randomized control study between daycare laparoscopic totally extra peritonal repair under general anaesthesia versus daycare lichtenstein repair under local anaesthesia for inguinal hernia. (Dr Pawanindra Lal)
5. Sundar S. Randomized control study between thick (number 1) versus thin (2-0) suture for abdominal fascia closure in patients with peritonitis. (Dr Pawanindra Lal)
6. Ansari FM. Comparison of outcome of Desarda versus Bassini repair in management of complicated inguinal hernia. (Dr SK Jain)
7. Panda V. Comparative study between trauma revised injury severity scoring and ICD based injury severity scoring in predicting the mortality of patients following blunt trauma abdomin. (Dr CB Singh)
8. Maranna H. Randomized controlled study between vacuum assisted closure therapy versus conventional saline dressings in diabetic foot ulcers. (Dr Pawan Lal)
9. Bhatia R. To evaluate the outcome of ureteroscopic pneumatic lithotripsy in single lower ureteric calculus and its association with CT parameters. (Dr Pawan Lal)
10. Gupta V. Comparison of foam sclerotherapy with and without saphenofemoral junction ligation in primary varicose veins. (Dr Rajdeep Singh)
11. Shashi. Comparison between outcomes of lift assisted laparoscopic cholecystectomy and standard pneumoperitoneum cholecystectomy. (Dr Rajdeep Singh)
12. Udupi VR. Randomised controlled study of ultrasound guided aspiration of gall bladder versus antibiotics in acute calculous cholecystitis. (Dr Sushanto Neogi)
13. Sarda H. Randomised controlled study to compare laparoscopically guided transversus abdominis plane block versus port site infiltration for post operative pain relief after laparoscopic cholecystectomy. (Dr Anubhav Vindal)
14. Kumar S. A Randomized control study between day care and conventional laparoscopic cholecystectomy. (Dr Anubhav Vindal)
15. Rajshekhar P. To evaluate the role of sequential organ failure assessment (SOFA) score in predicting prognosis of necrotising fascitis-a prospective study. (Dr Deepak Ghuliani)
16. Sharma S. A randomised controlled trial to evaluate the effect of fibrin glue sealant on seroma formation post modified radical mastectomy for Ca breast. (Dr Deepak Ghuliani)

5. TRAINEES FROM OTHER AGENCIES - Nil

Dr Lovenish Bains
2. Evidence based principles and practices for preventing surgical site infections. JCI Workshop. Hotel The Royal Plaza, New Delhi. 2nd Feb 2019
3. ICH Good Clinical Practice E6 (R2), e-learning course by Global Health Training Centre. 10th Feb 2019
4. 25th Training of Trainers (ToT) Course on Forensic Examination in Sexual Offence Cases. LNJNI National Institute of Criminology and Forensic Science, Delhi. 8th-9th March 2019
5. Introduction to Informed Consent. e-learning course by Global Health Training Centre. 11th Aug 2019
7. MASHAAL, a leadership program on health system strengthening. Anandwan, Maharasthra. 14th -17th Aug 2019
8. Excellence in Peer Review- Training by Taylor & Francis Group and MAMC. 9th Sept 2019
9. “How to write a Scientific paper” Faculty Development Workshop. MAMC. 14th Nov 2019
10. The Role of Diagnostics in the Antimicrobial Resistance Response. Online course by London School of Hygiene & Tropical Medicine. 20th Dec 2019
11. WHO Open Course- Antimicrobial Stewardship: A competency-based approach. 30th Dec 2019
Dr Anurag Mishra
1. Completed Training on Good Clinical Practices in April 2019
2. Excellence in Peer Review- Training by Taylor & Francis Group and MAMC. 9th Sept 2019
3. “How to write a Scientific paper” Faculty Development Workshop. MAMC. 14th Nov 2019
4. Organised MASHAAL 2.0, workshop for leadership for healthcare professionals at Anandwan, Maharashtra from 14-18th August 2019

6. CONFERENCE ORGANIZED:
ENDOLAP MAMC, 4th International Conference of Delhi State Chapter of SELSI, 1st – 3rd March 2019
Organizing Chairman - Dir. Prof. Pawanindra Lal (HOD, Surgery, MAMC)
Organizing Secretary: Dr Anubhav Vindal, Dr Rajdeep Singh
Surgery Update 2019
Organizing Chairman - Dir. Prof. Pawanindra Lal (HOD, Surgery, MAMC)
Organizing Secretary: Dr Rajdeep Singh
Jt Organising Sec: Dr Anurag Mishra, Dr Lovenish Bains

Dr Anurag Mishra organised MASHAAL 2.0, workshop for leadership for healthcare professionals at Anandwan, Maharashtra from 14-18th August 2019

7. PUBLICATIONS
12. ROLE OF FLAP FI XATION DURING MODIFIED RADICAL MASTECTOMY IN LOCALLY ADVANCED BREAST CARCINOMA PATIENTS- A RANDOMISED CONTROL STUDY R.T. Raghavendra, Neogi S, KanhaiyaK K , Udupi VR , Lohith P. accepted article 2019


25. Dr Deepak Ghuliani: A.Permated isolated jejunal diverticulum: a rare cause of acute abdomen in International Surgery journal


8. PUBLICATIONS OF BOOKS / CHAPTERS IN BOOKS


3. Dr Deepak Ghuliani: Chapter on Metastatic breast cancer in proceedings of Surgery update 2019


5. Dr Lovekesh Kumar Chapter titled “Surgical Instruments” in proceedings of Surgery Update 2019, published by department of surgery, MAMC.

6. Dr Trilok Chand: Chapter titled “Diaphragmatic Hernia” in proceedings of Surgery Update 2019, published by department of surgery, MAMC.

9. CONFERENCES/ WORKSHOPS/ SYMPOSIUMS:

Dr Pawanindra Lal


2. Invited Faculty – AWRCON Thiruvananthapuram. 10-11 May 2019


5. Invited Faculty – Moderator for Live Surgery, Celioscope, Taj Vivanta, Coimbatore, 19-20 July 2019


25. Invited Faculty - Panel Discussion Moderator - Acute Abdomen. Surgicon 22-23 Nov 2019, Manekshaw Auditorium, DDUH.

Dr Pawan Lal
Invited faculty for Surgery Update 2019 held in Maulana Azad medical College, New Delhi from 23rd – 28th September 2019, chaired a session on Urologic procedures, and presented a talk on “Peri-anal Fistulas.” Attended Asicon 2019, from 8th - 21st December 2019, held in Bhubaneshwar, Odisha.

Dr Anubhav Vindal
2. Chaired and Moderated session on Obstructive Jaundice at LHMC Surgery Update 2019, Lady Hardinge Medical College, 1st - 3rd February 2019, New Delhi.
4. Course Coordinator, Hands on Suturing Workshop at ACSICON, 18-21st April, 2019, New Delhi.
5. Guest Lecture on: Retained CBD Calculi at Mid Term CME of Indian chapter of International Hepato Pancreato Biliary Association, May 10th - 11th 2019, AIIMS Rishikesh.
6. Chaired Scientific Session at FIAGES Course, July 12th - 14th 2019 at Sir Gangaram Hospital, New Delhi.
8. Guest Lecture on: Hybrid repair for Incisional Hernia at OSALSICON 2019, 10\textsuperscript{th} - 11\textsuperscript{th} August 2019, TATA Steel Medica Hospital, Kalinganagar, Odisha.


14. Chaired Live Operative Session in BARICON 2019, 13\textsuperscript{th} – 16\textsuperscript{th} November 2019, AIIMS, New Delhi.


\textbf{Dr Deepak Ghuliani}

1. Faculty at Surgilapcon 2019 held at Lucknow

\textbf{Dr Anurag Mishra}

1. TEDx DITE in January 2019
2. Surgery Update 2019
3. ENDOLAP 2019, 4\textsuperscript{th} Biennial International Conference. Maulana Azad Medical College, New Delhi. 1\textsuperscript{st} -3\textsuperscript{rd} March 2019
4. Endoscopic Sleeve Gastroplasty- Live Operative Workshop. Sir Ganga Ram Hospital, New Delhi. 7\textsuperscript{th} August 2019
5. Clinical Robotic Surgery Association- Indian Chapter. Inaugural Meeting, Hotel Le Meridien, New Delhi. 24\textsuperscript{th} -25\textsuperscript{th} Aug 2019
6. SELSICON 2019. 12\textsuperscript{th} National Conference of Society of Endoscopic & Laparoscopic Surgeons of India, Indian Habitat Centre, New Delhi. 13\textsuperscript{th} -15\textsuperscript{th} Sept 2019
7. ARSICON 2019, 8\textsuperscript{th} International Conference of International Federation of Rural Surgery (IFRS) and 27\textsuperscript{th} Annual Conference of Association of Rural Surgeons of India. BVV Sangha’s S. Nijalingappa Medical College and Hanagal Shri Kumareshwar Hospital and Research Centre, Bagalkot, Karnataka. 21\textsuperscript{st} – 24\textsuperscript{th} Nov 2019
8. Annual Meeting of TITCO research consortium at St John’s Medical College, Bengaluru from 16-18\textsuperscript{th} Nov 2019

9. LHMC PG CLINICAL UPDATE 2019 from 31\textsuperscript{ST} JAN- 03 FEB 2019.
10. Scope Course as Faculty 7-10\textsuperscript{th} February and 22-25\textsuperscript{th} August
11. GLLS Training at Medical College, Kolkata from 11-14 March 2019
12. TOT for Lifebox (SAFE OR) at AIIMS Patna 15\textsuperscript{th} March 2019
13. Lifebox (SAFE OR) at AIIMS Patna as Trainer 16-17\textsuperscript{th} March 2019
14. MAMC Dialogues 2019
15. AMASI Skill Course9th September 2019 at Artemis Hospital 2019 as Faculty
16. PMJAY anniversary celebration as invited guest
17. Organising Chairman of EAMSC (East Asian Medical Students Association 2020)
18. GURUKKUL ACSCON 2020 as Faculty

\textbf{Dr Lovenish Bains}

1. Evidence based principles and practices for preventing surgical site infections. JCI Workshop. Hotel The Royal Plaza, New Delhi. 2\textsuperscript{nd} Feb 2019
2. RGCON 2019. Thoracic Oncology. RGIRC, New Delhi. 8\textsuperscript{th} -10\textsuperscript{th} Feb 2019
3. ENDOLAP 2019, 4\textsuperscript{th} Biennial International Conference. Maulana Azad Medical College, New Delhi. 1\textsuperscript{st} -3\textsuperscript{rd} March 2019
4. ENDOSURG 2019, International Minimal Access Surgery Conference, CME cum Live Workshop, AIIMS, New Delhi. 29\textsuperscript{th} -31\textsuperscript{st} March 2019
5. Mid Term CME of Indian Chapter of IHPBA at AIIMS, Rishikesh. 10\textsuperscript{th}-11\textsuperscript{th} May 2019.
6. Endoscopic Sleeve Gastroplasty- Live Operative Workshop. Sir Ganga Ram Hospital, New Delhi. 7\textsuperscript{th} August 2019
11. ARSICON 2019, 8th International Conference of International Federation of Rural Surgery (IFRS) and 27th Annual Conference of Association of Rural Surgeons of India. BVV Sangha’s S. Nijalingappa Medical College and Hanagal Shri Kumareswar Hospital and Research Centre, Bagalkot, Karnataka. 21st – 24th Nov 2019
12. WARNING in Surgery- International Webinar by Global Alliance for Infections in Surgery. 11th Dec 2019
15. Mid Term CME of Indian Chapter of IHPBA at AIIMS, Rishikesh. 10th-11th May 2019.
17. Instructor for “Advance Trauma Management Course” at Regional Hospital, Keylong, Lahaul & Spiti District, Himachal Pradesh. 12th-14th June 2019. (in association with PRAGYA)

Dr Lovekesh Kumar
Attended ASICON 2019 at Visakhapatnam.

10. PRESENTATIONS IN CONFERENCES:

Dr C B Singh
1. Delivered lecture on Thyroid cancerin Surgery Update 2019
2. Delivered lecture on Management of Thyroid Cancer in Deptt. of Surgery ESI-PGIMSR Basaidarapur, NEW DELHIMIDTERM CME ”THYROIDDISEASES: FROM CRUXTO CONSENSUS” on 9th November, 2019

Dr Pawan Lal
Invited faculty for Surgery Update 2019 held in Maulana Azad medical College, New Delhi from 23rd – 28th, September 2019, presented a talk on “Peri-anal Fistulas”

Dr Anubhav Vindal

Dr Deepak Ghuliani
Conducted MAMC SURGIQUIZ a post graduate surgery quiz 2019 at Surgery update 2019

Dr Anurag Mishra
1. Lecture : Haemorrhoids: the choice of treatment at Surgery Update 2019 held in MAMC New Delhi, India


11. SIGNIFICANT EVENTS (HONOURS TO FACULTY):

**Dr Pawanindra Lal**
- Dr A Ranganathan Oration APASI 2019
- Best Performance EC Member ASI 2019
- Delhi State Health Award 2919

**Dr Anubhav Vindal**
- Delivered Dr T P Banerjee Symposium at UPASICON, November 2019, LLR Medical College, Meerut.

**Dr Lovenish Bains**
2. Third prize - Poster presentation at ASICON 2019, Bhubaneswar, Odisha. 18th -21st Dec 2019. (Co-author)
4. Second prize - Poster (Category: Competitive- Session 6) at ASICON 2019, Bhubaneswar, Odisha. 18th -21st Dec 2019. : (Co-author)

12. FELLOWSHIP:
1. **Dr Anubhav Vindal** Awarded FRCS (Glasgow) – Fellowship of the Royal College of Physicians and Surgeons of Glasgow, UK (ad eundum – without examination category).
2. **Dr Anubhav Vindal** Awarded FRCS (Edinburgh) – Fellowship of the Royal College of Surgeons of Edinburgh, UK (ad eundum – without examination category).
3. **Dr Lovenish Bains** awarded Fellow of International College of Surgeons Indian Section (FICS) conferred at Mysuru, Karnataka on 12th Oct 2019

REPRESENTATION ON EXPERT COMMITTEE/BODIES:

**Dr Pawanindra Lal**
1. Chairman Surgical Sectional Committee Bureau of Indian Standards 2019-2021
2. EC Member ASI 2019-2021
3. President Elect ASI Delhi Chapter 2019
4. President Elect Indian Hernia Society 2019
5. National Coordinator ASSIST Courses (ASI) 2019-2020

**Dr C B Singh**
1. Participated on Live program under AYUSHMAN BHAV on Rajya Sabha TV in July 2019 and October 2019
2. On panel as resource person for Delhi Subordinate Services Selection Board
3. On Expert panel for standard development for surgical instruments in Manak Bhawan, New Delhi

**Dr Pawan Lal**
Examiner to 3rd MBBS Surgery in AIIMS Bhubhaneshwar from 3rd to 7th December 2019.

**Dr Sushanto Neogi**
1. Internal examiner for Postgraduate Examination in April 2019 for Delhi University.
2. Internal Examiner for Undergraduate examination in December 2019 for Delhi University
Dr Anubhav Vindal
1. Guided thesis for MS (Surgery) as Supervisor for University of Delhi
2. Guided thesis for MS (Surgery) as Co – Supervisor for University of Delhi
3. Guided thesis for MD (Pathology) as Co – Supervisor for University of Delhi
8. Reviewer for thesis for MS (Surgery) – All India Institute of Medical Sciences, New Delhi
10. Expert in Surgery – All India Institute of Medical Sciences, New Delhi
11. Examiner and tutor for MRCS – The Royal College of Surgeons of Edinburgh, UK

Dr Deepak Ghuliani
External examiner for M.S Surgery exam of Gujarat university at BJ Medical College, Ahmedabad

Dr Anurag Mishra
1. Invited by GHRH, University of Leeds, UK for series of meetings to explore collaborations between MAMC and University of Leeds
2. Received India Volunteer Award for my Voluntary work from IVN on 10th January 2019
3. Member of General Surgery STW expert group under GOI, Ayushman Bharat Scheme
4. Member of Hospital Equipment and Surgical Disposable Products Sectional Committee, MHD 12, Bureau of Standards of India.
5. Executive Member American College of Surgeons, India Chapter
6. Founder GURUKOOL MAMC
7. Trainer for Gasless Laparoscopy Course
8. Instructor for ATLS
9. Examiner for MBBS and BDS in University of Delhi
10. Section Editor (how I do it), Maulana Azad Medical College Journal of Medical Sciences
11. Member of editorial board of New Indian Journal of Surgery (NIJS)
12. Member of editorial board of MD Current India
13. Member editorial board for Journal of Association of Rural Surgeons of India
14. Member of editorial board of International Journal of Sciences and Applied Research
15. Joint Sec, MAMC CHS Teachers Association
16. External examiner for MBBS Surgery exam of SGT University at Gurgaon

Dr Lovenish Bains
1. Convener- Surgical Safety Checklist Committee, Lok Nayak Hospital & MAMC
2. Guest Reviewer:World Journal of Surgical Oncology, Biomed Central
3. Guest Reviewer:Journal of Medical Case Reports, BioMed Central, Part of Springer Nature
4. Guest Reviewer:Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine; Biomed Central (Springer Link)
5. Guest Reviewer:Case Reports in Obstetrics and Gynecology (Hindawi)
6. **Faculty for:** Acute Critical Care Course, MAMC Surgical Skills & Life Support Course, MAMC Post Graduate Cadaver Laparoscopic Training, MAMC Post Graduate Surgical Skills Training

14 HEALTH SERVICES TO THE COMMUNITY:

Dr Anurag Mishra
1. Founder of Gurukool, working towards encouraging humanitarian values amongst students.
2. Participated in health camps in Uttarakhand and Rewari district under DOCS (Doctors on Community Service) program of GURUKOOL
3. Established GURUKOOL in MAMC to encourage humanitarian values in curriculum
4. Surgical Camp at SEARCH, Gadchiroli in Jan 2019

Dr Lovenish Bains
participated in Free Gasless Laparoscopy Surgery Camp at CHC, Medziphema, Nagaland. 20-22 May, 2019

15. CLINICAL WORK:

**Elective general surgery operations performed**

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<thead>
<tr>
<th>Type</th>
<th>Count</th>
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<tbody>
<tr>
<td>Total</td>
<td>3165</td>
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<tr>
<td>Laparoscopic</td>
<td>813</td>
</tr>
<tr>
<td>Major Elective open</td>
<td>2065</td>
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<tr>
<td>Minor Elective</td>
<td>1100</td>
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**Endourological operations**

<table>
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<tr>
<td>Major</td>
<td>220</td>
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<tr>
<td>Minor</td>
<td>1441</td>
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**Uro Lab**

<table>
<thead>
<tr>
<th>Type</th>
<th>Count</th>
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<tbody>
<tr>
<td>ESWL</td>
<td>420</td>
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<tr>
<td>Uroflowmetry</td>
<td>1781</td>
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</tbody>
</table>

**Procedures done in**

<table>
<thead>
<tr>
<th>Type</th>
<th>Count</th>
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<tbody>
<tr>
<td>Minor OT</td>
<td>8464</td>
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<tr>
<td>Emergency OT</td>
<td>1242</td>
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<td>Total Admissions</td>
<td>9489</td>
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**OPD Cases**

<table>
<thead>
<tr>
<th>Type</th>
<th>Count</th>
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<tr>
<td>New</td>
<td>11328</td>
</tr>
<tr>
<td>Follow up</td>
<td>14704</td>
</tr>
<tr>
<td>OPD Minor</td>
<td>13619</td>
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</table>
B. DEPARTMENT OF G.B. PANT INSTITUTE OF POSTGRADUATE MEDICAL EDUCATION AND RESEARCH (GIPMER)

ANAESTHESIOLOGY & INTENSIVE CARE (GIPMER)

1. Research Scheme

(a) Ongoing project

(b) Details of thesis completed during current year

Dr Pragati Ganjoo

2. Publications during the period:

Dr Pragati Ganjoo

3. Books/Chapters/Contributed:

Dr Monica S Tandon

4. Conferences/Workshops/Symposiums attended:

Dr Pragati Ganjoo
2. Chairperson for session on ‘Emerging challenges in Paediatric Anaesthesia’ and Judge for the session on ‘Oral Paper Presentation’ at the 11th Annual Conference of the Indian Association of Paediatric Anaesthesiologists (IAPA 2019), at AIIMS, New Delhi, on 8th- 10th February 2019.
3. Talk on ‘General Principles of Neuroanaesthesia and Updates’ at MAMC Anaesthesia Update 2019, held at MAMC, New Delhi, on 31st August 2019.
4. Judge for e- posters in award category and contributor to the poster presented on ‘Perioperative management of a patient with anticoagulant-induced intracranial haemorrhage’ by Dr Jyotika, at Neuroanaesthesia Neurocritical Care Update October 2019.
5. Faculty for PBLD on ‘Neurocritical care management of a patient with pituitary/ suprasellar SOL’, held at Medanta, the Medicity, Gurugram, on 26 July 2019.

Examinership

Dr Monica S Tandon
1. Invited Talk on “Use of blood and blood products in Neurosurgery” at the 17th Instructional and 11th Foundation Course of Neurological Society of India, held at GIPMER on 28.01.2019
2. Moderator for a Panel discussion on “Congenital Cardiac disease for Neuroanaesthesia” at the 8th AIIMS Neuroanaesthesia Update held at , All India Institute of Medical Sciences, on 18.10.2019
3. Mentor for a PBLD on “ICU management of patients with Spinal Cord Injury” at the 5th Annual
<table>
<thead>
<tr>
<th>Dr Kiran Kiro</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Faculty at ISNACC Annual National Conference at Gurugram Haryana on February 2019. Conducted workshop on Airway.</td>
</tr>
<tr>
<td>2. Faculty at PBLD in Neurocritical Care (26-28) July 2019 organized by Medanta Gurgaon. Conducted a case based discussion on Neurocritical Care management of Sellar/suprasellar Tumors</td>
</tr>
<tr>
<td>3. Faculty at AIIMS Neuroupdate October 2019. Conducted a PBLD session on Anesthesia for neurosurgical intervention in pediatric patient congenital heart lesion.</td>
</tr>
<tr>
<td>4. Faculty at 17th Instructional and 11th foundational Course of NSI organized by GIPMER, New Delhi (28-29 september 2019). Delivered a lecture on Management of Hyponatraemia.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dr Priyanka Khurana</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Faculty at ISNACC Annual National Conference at Gurugram Haryana on February 2019. Conducted workshop on Airway.</td>
</tr>
<tr>
<td>2. Faculty at PBLD in Neurocritical Care (26-28) July 2019 organized by Medanta Gurgaon. Conducted a case based discussion on Neurocritical Care management of Sellar/suprasellar Tumors</td>
</tr>
<tr>
<td>3. Faculty at AIIMS Neuroanaesthesia Update October 2019. Panelist for Management of Stroke Session</td>
</tr>
<tr>
<td>5. Faculty at 17th Instructional and 11th foundational Course of NSI organized by GIPMER, New Delhi (28-29 september 2019). Delivered a lecture on ABG Analysis</td>
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</tbody>
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<table>
<thead>
<tr>
<th>11. Significant Events (Honours to Faculty):</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr Pragati Ganjoo</td>
</tr>
<tr>
<td>Awarded with ‘Gaurav Samman’, for contributing towards welfare of Kashmiri Pandit Community, by the Kashmiri Samiti Delhi, on 25th December 2019.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>13. Representation on expert Committee/Bodies:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr Pragati Ganjoo</td>
</tr>
<tr>
<td>2. Member of Editorial Board: Journal of Neuroanaesthesiology and Critical Care (JNACC), Neurology India (NI), Journal of Anaesthesiology and Clinical Pharmacology (JOACP), Indian Journal of Critical Care Medicine (IJCCM), Indian Journal of Anaesthesiology (IJA).</td>
</tr>
<tr>
<td>3. Member of the Doctoral Committee for Ph D Thesis of Dr.Indu Kapoor, All India Institute of Medical Sciences</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>4. Dr Monica S Tandon</th>
</tr>
</thead>
<tbody>
<tr>
<td>5. Section Editor for Review Articles for Journal of Neuroanesthesia and Critical Care.</td>
</tr>
<tr>
<td>6. Member of the Doctoral Committee for Ph D Thesis of Dr.Indu Kapoor, All India Institute of Medical Sciences</td>
</tr>
<tr>
<td>7. Contributor to SNACC Bibliography section; Topic : Cerebral Hyperperfusion Syndrome</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>14. Health Services to the Community:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr Pragati Ganjoo</td>
</tr>
<tr>
<td>1. Awarded with ‘Gaurav Samman’, for contributing towards welfare of Kashmiri Pandit Community, by the Kashmiri Samiti Delhi, on 25th December 2019.</td>
</tr>
<tr>
<td>2. Member of Executive committee and Medical advisor for students at MUSKAAN ‘Parent Association for the Care and Empowerment of Individuals with Intellectual Disability’, New Delhi.</td>
</tr>
</tbody>
</table>
Name of the Head of Department: **DR. MANJU SUBBERWAL**

<table>
<thead>
<tr>
<th>S.No</th>
<th>Name of Faculty</th>
<th>Designation</th>
</tr>
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<tbody>
<tr>
<td>1.</td>
<td>Dr. Manju Subberwal, M.D.</td>
<td>Professor and Head</td>
</tr>
<tr>
<td>2.</td>
<td>Dr. V.K. Gupta, M.D.</td>
<td>Dir. Professor</td>
</tr>
<tr>
<td>3.</td>
<td>Dr Pradeep Kumar Dabla, M.D</td>
<td>Professor</td>
</tr>
<tr>
<td>4.</td>
<td>Dr. Bhawna Mahajan, M.D.</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>5.</td>
<td>Dr. Ranjna Chawla, Ph.D</td>
<td>Senior Biochemist</td>
</tr>
</tbody>
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Members who have left during the period:

<table>
<thead>
<tr>
<th>S.No</th>
<th>Name of Faculty</th>
<th>Designation</th>
<th>Reason for leaving the job</th>
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<tbody>
<tr>
<td>-</td>
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Additions to the Faculty during the period:

<table>
<thead>
<tr>
<th>S.No</th>
<th>Name of Faculty</th>
<th>Designation</th>
<th>Whether newly joined/promotion</th>
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<tr>
<td>-</td>
<td>Nil</td>
<td>Nil</td>
<td>Nil</td>
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</table>

**Research Scheme**

**On going projects:**

1. To study the prevalence of metabolic syndrome in COPD patients. Dr Manju Subberwal - Co-Guide. Medicine, Deptt. 2018
2. Comparison of serum prolactin levels before and after ECT and correlation of the absolute and relative change with prognosis in patients with mood disorders Dr Manju Subberwal - Co-Guide. Psychiatry, Deptt. 2018
3. Thyroid dysfunction in patients with depression and anxiety and response to therapy. Dr Manju Subberwal - Co-Guide. Psychiatry Deptt. 2018
4. Vitamin B12 levels in Psychiatric in patients Dr Manju Subberwal - Co-Guide. Psychiatry Deptt. 2018
5. Significance of inflammatory markers in patients of oesophageal carcinoma undergoing neoadjuvant chemotherapy versus neoadjuvant chemoradiotherapy. Dr Pradeep Kumar Dabla –Co-Supervisor
6. Significance of inflammatory markers in cancer cervix treated with one drug vs two drug concurrent chemoradiation. Dr Pradeep Kumar Dabla –Co-Supervisor
7. Role of Sodium channel SCN1A gene mutations & GABA receptor gene alterations in drug resistance epilepsy –a study from tertiary care centre - Dr Pradeep Kumar Dabla –Principal Investigator (Project funded by DST, Ministry of Science & Technology)
8. “To evaluate the efficacy of daily VitaminD therapy versus Stoss therapy in nutritional rickets in Indian children”. Dr Pradeep Kumar Dabla –Co Investigator
9. “Evaluation of Electrolytes Derangement in Critically Sick Patients”. Dr Pradeep Kumar Dabla –Principal Investigator
10. Influence of Endothelin-1 gene and Endothelin-1 Receptor A Gene Polymorphisms on Pulmonary Arterial Hypertension Associated with Rheumatic Mitral Valve Disease. (Project funded by DST) Dr Bhawna Mahajan - Co-Investigator
11. Correlation between Clinical Symptoms, MRI Findings, and Synovial Fluid Levels of TNF-α and Matrix Metalloproteinase in Patients with Temporomandibular Joint Internal Derangement.( Project funded by CSIR) Dr Bhawna Mahajan - Co-Investigator
12. Systemic and local tissue expression of sclerostin in calcific rheumatic mitral stenosis : an observational study. Dr Bhawna Mahajan - Co-Guide
13. Efficacy of Naturopathy and Yoga in Controlling Hypothyroidis- 24th March 2017-23rd March 2019(Project funded by AYUSH Ministry of Health and family) Dr Ranjna Chawla - Co-Investigator
Details of thesis completed during current year

1. Evaluation of outcome of end to end tendon repair with or without amniotic membranes. A comparative study with orthopaedics deptt- Dr Manju Subberwal  - Co-Guide. 2017
3. Evaluation of outcome of end to end nerve repair with or without amniotic membranes. A comparative study with orthopaedics patients  deptt- Dr Manju Subberwal  - Co-Guide. 2017
4. To study serum glial fibrillary acidic protein (gfap) as a diagnostic and prognostic marker in patients of glioblastoma multiforme. Dr Manju Subberwal - Co-Investigator. 2017
5. Role of IL-10 & TNF-Alpha in Tendon repair and calcium metabolism. Dr Pradeep Kumar Dabla –Co-Supervisor

5 Trainees from other agencies:

<table>
<thead>
<tr>
<th>S.No</th>
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<th>Duration</th>
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<tr>
<td>1</td>
<td>Sahiba</td>
<td>Jamia Milia New Delhi</td>
<td>6.3.19-13.3.19</td>
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<td>2</td>
<td>Rizwan</td>
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<td>3</td>
<td>Md. Faisal</td>
<td>Jamia Milia New Delhi</td>
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<tr>
<td>15</td>
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Training course/ Conferences/ Workshops organized:

DepttOrganized symposium on ‘Biomarkers for the management of critical illness: An Update’ on 20th December 2019 in Auditorium, GB Pant Institute of Post Graduate Medical Education & Research.Organizing Chairperson: Dr Manju Subberwal, Organizing Secretary:
Dr Bhawna Mahajan, Members Organizing Committee, Dr VK Gupta Dr Pradeep Dabla, Dr Ranjna Chawla

Publications during the period:

Publications
- Ranjna Chawla, Rukamani Nair, V. K. Sood, Somnath Mukherjee, Anshu Arora. Role of naturopathy on physical and biochemical parameters in patients with Type 2 diabetes mellitus Indian J of Traditional Knowledge, july 18(3) 2019 pp430-438

Abstract

Ankush Singhal, Manju Subberwal, Ranjna Chawla. Improving laboratory performance using six sigma- our experience in GIPMER - a tertiary care Hospital . Abstract sent to 8th annual CME of clinical biochemistry hosted by Sir Ganga Ram Hospital on 25th April 2019

b) Invited Talk/Paper Presentation
- Invited Speaker & Chair &Trainer for workshop at APFCB Congress Nov2019; Dr Pradeep Kumar Dabla
- Invited Speaker at 23rd IFCC-EFLM European Congress of Clinical Chemistry and Laboratory Medicine in Barcelona, Spain, 19-23 May 2019.
- Invited Speaker for talk & Trainer for workshop at FOPPCON 2019 Feb- Confluence of Pathologists for Patient Care, Jaipur Rajasthan; Dr Pradeep Kumar Dabla

Books/ Chapters/ Contributed
Conferences/ Workshops/ Symposiums attended:
- Dr Manju Subberwal and Dr Ranjna Chawla attended CME on Six sigma approach in Lab Medicine – organized by Dept of Biochemistry, Medanta Hospital on 9th Feb 2019
- Dr Manju Subberwal and Dr Ranjna Chawla attended 8th annual CME on The laboratory and diabetes Mellitus - new challenges, new concepts, new measures – organized by Sir Ganga Ram Hospital on 25th April 2019
- Dr Manju Subberwal and Dr Ranjna Chawla attended 6th National scientific symposium on ‘QC practices in clinical laboratory’ on 6th June 2019 at le meridian, New Delhi
- Dr Manju Subberwal and Dr Ranjna Chawla attended workshop on Excellence In Peer Review- A Reviewer Training Workshop- organized by Taylor and Francis India in association of Maulana Azad Medical College on 9th sept 2019
- Dr Manju Subberwal Dr Pradeep Kumar Dabla and Dr Bhawna Mahajan attended; Medical Council of India, Curriculum Development & Implementation (CDI) workshop for in-house faculty of MAMC as per CISP for Undergraduate Medical Education, 25-27 Sept, 2019

Visitors: Nil

Significant events: Nil

Fellowship: Nil

Representation on expert Committee/ Bodies:-
Dr Manju Subberwal is nodal officer for digital mission mode project(dmmp) by medical council of India
Dr. V.K. Gupta represented NABL as Lead Assessor & technical assessor.
Dr. V.K. Gupta is a member of editorial board of Indian Journal of ClinicalBiochemistry
Dr. V.K. Gupta is a member of accreditation committee II in NABL
Dr V.K. Gupta is inspector, MCI for starting MD Biochemistry course in NRS Medical College, Kolkata.
Dr Pradeep Kumar Dabla -Executive Editor: World Research Journal of Biochemistry (Worl Res J of Bioc), [p-ISSN:2279-0810, e-ISSN:2279-0829]
Dr Pradeep Kumar Dabla- Editorial Board Member:Advances in Biochemistry (AB), ISSN Print: 2329-0870, ISSN Online: 2329-0862
Dr Pradeep Kumar Dabla; Editorial Board Member;Clinical Chemistry and Laboratory Medicine; OCLC number: 475036853ISSN: 1434-6621 (print); 1437-4331 (web)
Dr Pradeep Kumar Dabla; PGI Rohtak, Deptt of Biochemistry, Haryana; MBBS Ist Prof Annual Exam & Paper Setter, 19-23Aug 2019.
Dr Pradeep Kumar Dabla; PGI Rohtak, Deptt of Biochemistry, Haryana; MBBS Ist Prof Supple Exam, 20 Dec 2019.
Dr Pradeep Kumar Dabla; Chair eGem Committee chemicals; GIPMER
Dr Pradeep Dabla and Dr Bhawna Mahajan represented NABL as technical assessors
Dr. Bhawna Mahajan represented NABL as technical assessor
Dr. Bhawna Mahajan is Incharge BMW of GIPMER
Dr. Bhawna Mahajan is Member Standing Purchase Committee
Dr. Bhawna Mahajan is Assistant Library Officer
Dr Ranjna Chawla is Member, Scientific research committee BNCH&Y
Dr Ranjna Chawla - Technical Advisory Committee Member for purchase of Biochemistry Equipments for B.R. Sur Hospital, N. Delhi
Dr Ranjna Chawla - External expert for The Area Advisory Board meeting for the Program structure/ course review of B.Sc Medical Physiology and M.Sc Medical Physiology programs of Amity Institute of Physiology and Allied Sciences, Amity University Noida

14. Health Services to the Community:
All the resident and technical staff participated in the ongoing pulse Polio Immunization programme of Govt of NCT of Delhi.

15. Lab Data:--
Name of the Lab: Biochemistry Lab, GIPMER, N. Delhi
Name and no of the test perform:
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<td>Electrolytes</td>
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<td>Serum glucose</td>
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<td><strong>Total</strong></td>
<td><strong>2148511</strong></td>
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</table>

c) Percentage of growth compared to last year: 11.9 % increase

16. New Facilities added:-
1. Name of the Head of the Department: Dr. Saibal Mukhopadhyay

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<th>Designation</th>
</tr>
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<tbody>
<tr>
<td>1)</td>
<td>Dr. Sanjay Tyagi</td>
<td>Director-Professor</td>
</tr>
<tr>
<td>2)</td>
<td>Dr. V. K. Trehan</td>
<td>Director-Professor</td>
</tr>
<tr>
<td>3)</td>
<td>Dr. Saibal Mukhopadhyay</td>
<td>Professor &amp; HOD</td>
</tr>
<tr>
<td>4)</td>
<td>Dr. Jamal Yusuf</td>
<td>Professor</td>
</tr>
<tr>
<td>5)</td>
<td>Dr. Vimal Mehta</td>
<td>Professor</td>
</tr>
<tr>
<td>6)</td>
<td>Dr. Sumod Kurien</td>
<td>Professor</td>
</tr>
<tr>
<td>7)</td>
<td>Dr. Girish M.P.</td>
<td>Professor</td>
</tr>
<tr>
<td>8)</td>
<td>Dr. Mohit Dayal Gupta</td>
<td>Professor</td>
</tr>
<tr>
<td>9)</td>
<td>Dr. Arima Nigam</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>10)</td>
<td>Dr. Safal</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>11)</td>
<td>Dr. Ankit Bansal</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>13)</td>
<td>Dr. Sanjeev Kathuria</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>14)</td>
<td>Dr. Subrat Muduli</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>15)</td>
<td>Dr. Vishal Batra</td>
<td>Assistant Professor</td>
</tr>
</tbody>
</table>

2. Members who have left during the period: None

3. Additions to the Faculty during the period: None

4. Research Scheme

a) On-going project
   - Effect of aortic and renal intervention on Left ventricular function in Takayasu Arteritis.
   - To study LA function with speckle tracking echocardiography in patients with isolated severe mitral stenosis.
   - Biventricular function assessment before and after ASD device closure.
   - Assessment of LAA contractile function in patients of severe Rheumatic mitral stenosis in sinus rhythm and its correlation with mitral annular systolic velocity.
   - Correlation of R wave peak time and no reflow in patients undergoing primary PCI.
   - To study the incidence of CIN and to evaluate relation between contrast volume and change in eGFR after coronary angiography/ intervention in CKD patients.
   - To study the novel Lipid biomarkers in acute MI in North Indian population at a tertiary care center.
   - To study association of blood Matrix Metallo Proteinase-3,9 and TIMP and their gene polymorphisms in acute myocardial infarction.
   - To assess global longitudinal strain in symptomatic patients with multivessel CAD, prior to after PCI.
   - To describe anatomical landmark of femoral artery and femoral vein in infants undergoing cardiac catheterization.
   - Effect of Prasugrel versus Ticagrelor on myocardial perfusion in STEMI patients undergoing primary PCI.
   - BMV in low flow low gradient severe mitral stenosis: immediate and short-term outcomes.
   - Lipid profile pattern in angiography proven CAD patients on lipid lowering therapy.

b) Details of research projects completed during current year:
   - Assessment of aortic stiffness in rheumatic mitral stenosis.
   - To study predictors and outcomes of No-Reflow/ Slow Flow in patients undergoing primary percutaneous coronary intervention.
   - Safety and efficacy of very long length Drug Eluting Stent System in patients with coronary artery disease.
Evaluation of ventricular dysfunction in unoperated cases of Tetralogy of Fallot.
Assessment of M30 apoptotic biomarker in patients undergoing primary percutaneous coronary intervention with or without multivessel disease.
Comparison of Doppler echocardiography derived pulmonary artery pressures with invasive pulmonary artery pressures in patients with severe mitral stenosis with pulmonary artery hypertension undergoing percutaneous balloon mitral valvuloplasty.
Evaluation of systemic inflammatory markers and thrombotic markers of CV risk among young Indian oral tobacco users.

c) International Research Projects:
- Principal Investigator in Project entitled “A phase III randomized, double-blind, Parallel Group, Placebo Controlled, Multicentre, Multinational study to evaluate efficacy and safety of TRC150094 as Add On to Standard of Care in Improving Cardiovascular Risk in Subject with Diabetes, Dyslipidemia and Hypertension” started in 2019.- Dr Vimal Mehta
- Principal Investigator in Project entitled “A Real-World, Prospective, Observational study to evaluate the safety and effectiveness of Rivaroxaban (Xarelto®) for prevention of stroke and systemic embolism in Indian patients with Non-Valvular Atrial Fibrillation (NVAF).” - Dr Vimal Mehta
- Principal Investigator in Project entitled “D9480C00001: A phase 3 multicenter, prospective, randomized, double-blind, placebo controlled study to investigate the safety and efficacy of ZS (sodium zirconium cyclosilicate), in patients with hyperkalemia-HARMONIZE Asia.” - Dr Vimal Mehta
- Principal Investigator in Project in starting phase “Duraglutide in Coronary artery disease patients to assess CV outcomes.”- Dr Vimal Mehta

5. Trainees from other agencies: None

6. Training course/Conferences/Workshops organized:
- Dr. Mohit Gupta (Secretary CSI Delhi Branch) organized 33rd Annual Conference of Cardiological society of India- Delhi Branch on 23-24 March 2019.
- 5th MAMC-MFM Update on Pregnancy with heart disease for postgraduate students and practitioners being organized by the Department of Obstetrics and Gynecology, MAMC, New Delhi in collaboration with Deptt. Of Cardiology, G.B. Pant Institute of Postgraduate Medical Education and research on the 21st December 2019 at the G. B. Pant Auditorium, New Delhi.
- Workshop for transcatheter aortic valve implantation was organized in our department. Dr. Marian Branny from Czech Republic delivered a guest lecture on Hemodynamics in TAVR on 01/05/2019.
- Seminar on advanced Hemodynamic Support during Complex PCI was organized on 21/11/2019 by department of cardiology and Pioneer faculty from USA delivered a guest lecture.
- Seminar on His Bundle Pacing and Physiological pacing was organized on 21/12/2019 by department of cardiology and Pioneer faculty Dr. Xingbin Liu from West China Hospital, Sichuan University, China delivered a guest lecture.
- Dr Safal and Dr Ankit Bansal organized the workshop on Intravascular imaging & clinical correlation on 7th November 2019 under aegis of Indian Society for Atherosclerosis Research (ISARCON 2019).

7. Publications during the period:

8. Books/ Chapters /Contributed:

9. Conferences/Workshops/Symposiums attended:
35th Annual Meeting of Maulana Azad Medical College Alumni Association of North America, July 25th to 28th, Chicago, IL, USA
- Dr Sanjay Tyagi delivered a keynote lecture.

Dr. Vimal Mehta delivered oration on “Diabetes in Indian Population” at London on invitation by Royal Free Hospital, London, United Kingdom
CMHC Congress at Chicago, USA in Oct 2019.
- Dr. Vimal Mehta presented abstract on “Correlation of IL-6, IL-10, IL-18 and TNF-α Levels with Severity of Rheumatic Mitral Stenosis and Secondary Pulmonary Hypertension”
- Ms. Pratishtha (Senior Research Associate) presented abstract on “Influence of Endothelin-1 gene polymorphisms on pulmonary arterial hypertension associated with rheumatic mitral valve disease”

TCT 2019, San Francisco, CA September 25 to 29, 2019
- Dr. Vishal Batra presented a poster on 1-Year Clinical Outcomes in Patients Implanted With Biodegradable Polymer Coated Ultrathin Strut Sirolimus-Eluting Coronary Stent System for the Treatment of Very Long (≥40-mm) Lesions

71ST ANNUAL CONFERENCE OF CSI, 05 - 08 DECEMBER 2019, NEW DELHI
- Dr Sanjay Tyagi chaired a conclave on Peripheral Vascular Disease
- Journey of Peripheral Vascular Disease Intervention in India and Current Status (Dr K K Date Oration) - Sanjay Tyagi
- Dr Saibal Mukhopadhyay chaired a session on Congenital Heart Disease
- Dr Jamal Yusuf chaired a session on Current Topics
- Dr Vimal Mehta chaired a session on Basic Sciences
- When to take Ventricular ectopic Seriously – Dr Mohit Gupta
- Susceptibility of CTLA-4 -1661A/G, ACE I/D polymorphisms towards severity to valvular system in Rheumatic Heart Disease - Ankit Bansal

26th Annual Conference of Indian College of Cardiology, 20-22 September 2019, Kochi
- Perfect POT and Perfect KISS- Dr Vijay Trehan

4th CSI CARDIACPREVENT 2019, National Conference on CVD Prevention 18th - 20th October, 2019
- Revascularisation and Prevention of Death - Myth or Reality – Dr Vijay Trehan
- Genetics in CVD prevention - What is new? – Dr. Vimal Mehta
- Yoga - Can it be the One Stop Shop? – Dr. Mohit D Gupta
- Statin for all Diabetics - What is the Evidence? – Dr Girish MP

33rd Annual Conference of Cardiological Society of India, Delhi Branch (March 23th-24th, 2019)
- Endovascular Interventions for Cerebral Ischemia: Hope for hopeless - Dr. Sanjay Tyagi
- PCI: After all quality of life matters - Dr. Vijay Trehan
- PCSK-9 Inhibitor: Are they worth the price - Dr. Vimal Mehta
- My post MI patient comes and asks me, Which oil is good for me?- Dr. Safal
• hsCRP: Current status in practice – Dr Subrat Muduli
• Aspirin for primary prevention: Breathing its last? – Dr Vishal Batra
• Rajan Tandon Memorial Quiz – Dr. Ankit Bansal

TCT India 2019, July 25-27 2019, Hyderabad India
• Tips and Tricks of Retrieval of Embolised Materials from Coronary Arteries. - Dr. Vijay Trehan
• How to manage complications and When to stop? - Dr. Vijay Trehan

Cleveland Clinic Advanced Certificate Course in Cardiology, 2019 2nd – 3rd February 2019, Hyderabad India
• Complex Coronary Case presentation- Dr Sanjeev Kahuria

Bifurcation Club of India 4th Meeting, 6-7th July 2019, Mumbai.
• Complications during bifurcation PCI- Dr Vijay Trehan and Dr Sanjeev Kathuria

5th MAMC-MFM Update on Pregnancy with heart disease, 21st December 2019, New Delhi
• ECG interpretation in Pregnancy and abnormal cardiac rhythm: what an obstetrician should know. – Dr. Ankit Bansal
• Management of Acute cardiac events in pregnancy. – Dr Vishal Batra

Apart from above list, the faculty of department of cardiology was invited to give guest lectures in various National conferences of repute.

10. Visitors: Dr. Ankur, Interventional Cardiologist, from New Jersey visited our institute for learning the technique of trans-septal puncture.

11. Significant Events (Honors to Faculty):
• Dr Sanjay Tyagi was honoured as Distinguished Alumnus by the Union Health Minister during the Platinum Jubilee function of Safdarjung Hospital & VMMC.

12. Fellowship:
• Dr. Sanjay Tyagi was awarded prestigious Fellowship of Royal College of Physicians (FRCP), Edinburg UK.
• Awarded Fellowship of European Society of Cardiology (FESC) in 2019 to Dr. Vimal Mehta
• Awarded membership of American Diabetes Association (ADA) in 2019 Dr. Vimal Mehta
• Awarded Fellowship of American College of Cardiology (FACC) in 2020 Dr. Vimal Mehta
• Dr. Mohit Gupta was awarded prestigious Fellowship of Royal College of Physicians (FRCP), Edinburg UK.
• Ms. Pratishtha (Senior Research Associate) under Dr. Vimal Mehta has been invited for Fellowship by NHS Foundation Trust, London.

Our department has continued Fellowship in Non-Invasive Cardiology and Fellowship in Pediatric Cardiology in year 2019.

13. Representation on expert Committee/Bodies:-
• Dr. Sanjay Tyagi was selected as Secretary General (INDIA) of International College of Angiology (USA).
• Dr. Sanjay Tyagi was invited as Chief Guest for Renal Transplant Update 2019
• Dr. Sanjay Tyagi was invited as Chief Guest for 4th AIIMS, PGI, MAMC Imaging course 2019.
• Dr. Sanjay Tyagi was invited as Chief Guest for 27th IES National Conference 2019.
• Dr. Sanjay Tyagi was invited as expert for faculty interview in AIIMS Bhuvneshwar and AIIMS Bhopal.
• Dr Sanjay Tyagi has been member of expert panel of UPSC, AIIMS, PGI, KGMC, UGC
• Dr Vijay Trehan has been member of expert panel of UPSC, AIIMS, PGI, KGMC.
• Dr Saibal Mukhopadhyay has been a regular member and advisor of DCGI regarding control of Drugs and Devices in India.
• Dr Saibal Mukhopadhyay has been member of expert panel of UPSC, AIIMS, PGI, KGMC, UGC, WBUHS.
• Dr. Vimal Mehta was appointed Vice Chairman of Lipid Association of India for publication of 3rd update of expert consensus statement for Management of Dyslipidemia in Indians.
• Dr. Mohit Gupta got elected as Secretary of Cardiology Society of India- Delhi Branch
• Dr. Vimal Mehta was selected as Executive Editor of Indian Heart Journal- Clinical Dialogues.
• Dr. Mohit Gupta was selected as Executive Editor of Indian Heart Journal- Interventions.

14. **Health Services to the Community:**
Department has particular focus on prevention of heart disease. The faculty of the department is undertaking various public awareness programs on heart disease.

- Talk on Nurses day "Easy Life for Busy People", Secrets of healthy and Happy Life.
- Talk on “Secrets of Stress management, self-transformation, healthy lifestyle and various life style modifications.
- Department organizes and participates in various programme on prevention of heart diseases.
- **Yoga center** of the department helps the cardiac patients in prevention and life style management.

15. Lab Data:-

a) **Name of the Lab- Echo**

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b) **TMT Lab, HUTT & Holter**

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c) **Cath Lab: Cath, Angios and Interventions**

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<td>Other Interventions</td>
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16. New Facilities added:
New State of the art Ambulatory ECG monitoring system with 10 recorders were installed.
In collaboration with Obstetric Department MAMC and LN Hospital, an Out Patient Clinic specifically catering to Pregnant women with heart diseases has been started since December 2019, a first of a kind initiative among Delhi Government Hospitals and Medical Colleges.
CARDIOTHORACIC & VASCULAR SURGERY
GIPMER

Name of the Head of Department: - Dr. Muhammad Abid Geelani

**Faculty:**

<table>
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<th>S.No.</th>
<th>Name of Faculty</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Dr. M.A. Geelani</td>
<td>Director-Professor &amp; HOD</td>
</tr>
<tr>
<td>2.</td>
<td>Dr. Harpreet Singh Minhas</td>
<td>Professor</td>
</tr>
<tr>
<td>3.</td>
<td>Dr. Vithalkumar M. Betigeri</td>
<td>Professor</td>
</tr>
<tr>
<td>4.</td>
<td>Dr. Saket Agrawal</td>
<td>Professor</td>
</tr>
<tr>
<td>5.</td>
<td>Dr. Subodh Satyarthy</td>
<td>Professor</td>
</tr>
<tr>
<td>6.</td>
<td>Dr. Sayyed Ehtesham Hussain Naqvi</td>
<td>Assistant Professor</td>
</tr>
</tbody>
</table>

**Members who have left during the period:** None

**Addition to the Faculty during the period:** None

**Research Scheme:**

**Ongoing project:**
- Long term result with various Prosthetic and Biological heart valve.
- Risk stratification in patient undergoing re-do CABG.
- Anticoagulation during Pregnancy in heart valve replacement patients.
- Outcome of valve replacement in left atrial clot with/without preoperative anticoagulation for six weeks.
- Early and late results of arch surgery.
- Total arterial revascularization in coronary artery diseases.
- Early and long term result of two stage Vs.single stage Fonton surgery in univentricular heart.
- Early and late results of mitral and tricuspid repair in rheumatic pathology.

**Trainees from other agencies:** Post graduate students from MAMC, Delhi DNB
DNB Practical Examination conducted w.e.f.11 & 12/10/2019.

**Perfusion trainees from**
Holy Family Hospital, Okhla Road, New Delhi
Pt. B.D. Sharma Post Graduate Institute of Medical Sciences, Rohtak (Haryana)
Rama University, U.P.
Nims Collage of Paramedical Technology, Nims University, Rajasthan, Jaipur

**Training course/conferences/workshops organized:**

**A lecture for the Public Awareness as a part of World Heart Day** organized on 28/09/2019 at G.B. Pant Auditorium

**Publications during the period:**
- Pre operative oral Amiodarone prophylaxis for the prevention of post operative atrial fibrillation in patients undergoing coronary artery bypass surgery.
- Right ventricular performance after mitral valve replacement in chronic rheumatic mitral regurgitation.- Indian journal of basic and applied medical research (*Dr Preetam Sahani*)
- Sacular aneurysm of ascending aorta with blocked grafts after elective CABG a case report.
- A retrospective study to determine the incidence and risk factors of delirium following open heart surgery.- International journal of surgery and surgical sciences (IJSSS) (Dr Shwetank Vashishtha)
- Coarctation of aorta with valvular heart disease –a hybrid approach. - MAMC journal of medical sciences.
- Effectiveness of standard consent vs pictoral consent in cardiac surgery.-Indian journal of basic and applied medical research (*Dr Ankit Jain*)
- Tetralogy of Fallot with left ventricular clot.-Journal of Cardiac Surgery.
- Surgical retrieval of atrial septal occluder device after late embolisation in Right ventricle.-World journal of cardiovascular surgery (Dr Soumyadip Saha)
- Cardiopulmonary bypass for tracheal resection and repair – a safe alternative.
- Malignant tumors of heart: A Review. - World journal of cardiovascular surgery (Dr Akshaya Chauhan)
- Review of neurological complications and their management after coronary artery bypass grafting surgery.
- Anomalous aortic origin of coronary arteries-A review of management.-Indian journal of basic and applied medical research. (Dr Prerit Agarwal)

Conferences/Workshops/Symposiums attended:
- IACTS CT CME & MID TERM GB 2019 at Bhopal w.e.f.17/8/2019 to 18/8/2019
- Syncardia Lunch Symposium (TAH) in Annual Meeting of Indian Society for Heart & Lung Transplantation at JW Marriott, Aerocity, New Delhi held on 1 to 2 October, 2019.
- Heart & Lung Transplant Immunology Meet-2019 at Ahmadabad 12th & 13th January, 2019
- Critical Care Conference at Mumbai w.e.f. 31/01/2019 to 02/02/2019
- UPDACON – 2019 on 12 & 13th October, 2019 at Agra
- RSSDI-2019 held on 7th to 10th November, 2019 at JECC, Jaipur, Rajasthan

Fellowship: We are planning to following fellowship in Cardiac Surgery (File under process for approval)
- Fellowship in Aortic Surgery – Two (2)
- Fellowship in Pediatric Cardiac Surgery – Two (2)
- Fellowship in Advanced Adult Cardiac Surgery – Two (2)

B.Sc (Perfusion Technology) course. Proposal approved from competent authority i.e. Department of Health & Family Welfare, Govt. of NCT of Delhi and pending with Delhi University for final inspection & approval.

Representation on expert committee/Bodies:
- a) Expert member of DMC/DNB/MCI-PG committee
- b) Technical Advisory Committee for AIIMS, New Delhi, RML, New Delhi and Rajiv Gandhi Super-Specialty hospital, Tahirpur, Delhi.

Health Services to the Community: None

Lab Data:
- Analyzing of Arterial & Venous Blood Gases (Total=41,000 P/A).
- Analysis of Activated Clotting timer of Blood (Total=45,500 P/A).
GASTROENTEROLOGY
GIPMER

Name of the Department: Gastroenterology Department, GB Pant Institute of Post Graduate Medical Education and Research (GIPMER), New Delhi

Head of the Department: Dr. AS Puri.

Faculty Members:
1. Dr. AS Puri (Director-Professor & HOD)
2. Dr. BC Sharma (Professor)
3. Dr. Sanjeev Sachdeva (Professor)
4. Dr. Siddharth Srivastava (Professor).
5. Dr. Ajay Kumar (Associate Professor)
6. Dr. Ashok Dalal (Assistant Professor)
7. Dr. Ujjwal Sonika (Assistant Professor)

Members who have left during the period: Dr. Amol S. Dahale
Additions to the Faculty during this period: None

Research Schemes:

Ongoing projects:
1. Dr. Anurag Mishra (Guide-Dr. AS Puri): Efficacy of hepatitis B vaccination in patients with inflammatory bowel disease: a prospective cohort study
2. Dr. Manish Tomar (Guide-Dr. S. Srivastava): To study the predictors of infection in patients with Asyptomatic Walled off necrosis
3. Dr. Arpan Jain (Guide-Dr. BC Sharma): A Double Blind Randomized Controlled Trial comparing Lactulose plus Rifaximin with Lactulose plus Rifaximin plus L Ornithine L Aspartate in treatment of Overt Hepatic Encephalopathy (Grade III-IV) in patients with Cirrhosis

Thesis completed:
A. Dr. SS Sethi (Guide-Dr. AS Puri): Prevalance of Clostridium difficile infection in acute severe colitis in patients of ulcerative colitis
B. Dr. Vishwanoor Singh (Guide-Dr. S. Sachdeva): Prevalence of SIBO in Elderly patients with functional bowel disease
C. Dr. Gaurav Padia (Guide-Dr. Ajay Kumar): Evaluation of Serum Cystatin C and IL-6 for predicting the development of Renal dysfunction, Acute on chronic liver failure and mortality in patients of cirrhosis with acute decompensation

Trainees from other agencies:

<table>
<thead>
<tr>
<th>SN</th>
<th>Name</th>
<th>Hospital/Centre</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dr. Bhagat Singh</td>
<td>Sher-I-Kashmir Institute of Medical Science, J&amp;K</td>
<td>11.03.2019 to 10.04.2019</td>
</tr>
<tr>
<td>2</td>
<td>Dr. Suresh Gorka</td>
<td>Sher-I-Kashmir Institute of Medical Science, J&amp;K</td>
<td>11.03.2019 to 10.04.2019</td>
</tr>
<tr>
<td>3</td>
<td>Dr. Arun Gnawali, DM (GE)</td>
<td>Tribhuvan University, Institute of Medicine, Maharajgunj, Kathmandu, Nepal</td>
<td>01.04.2019 to 30.06.2019</td>
</tr>
<tr>
<td>4</td>
<td>Dr. Hilal ahmad Dar, DM</td>
<td>Sher-I-Kashmir Institute of Medical Science, J&amp;K</td>
<td>15.04.2019 to 14.05.2019</td>
</tr>
<tr>
<td>5</td>
<td>Dr. Aditi Kumar</td>
<td>Division of Paediatric Gastroenterology, PGIMER, Chandigarh.</td>
<td>01.10.2019 to 31.10.2019</td>
</tr>
<tr>
<td>6</td>
<td>Dr. Suraj Kumar</td>
<td>JMNS, Imphal</td>
<td>w.e.f. 09.10.2019 to 13.10.2019</td>
</tr>
</tbody>
</table>
Training Course/Conferences/Workshops organized:
1. ERCP Spyglass Cholangioscopy & Axios LAMS Live Workshop
2. POEMS For Achalasia Live Workshop
3. Asian-Pacific Consensus on SIBO in GI Disorders

Publications during the period:


- **Conferences/Workshops/Symposiums attended:**
  
  Dr. AS Puri, Dr. BC Sharma, Dr. S. Sachdeva, Dr. U. Sonika attended APDW-2019 conference at Kolkata
  
  Dr. AS Puri, Dr. BC Sharma, Dr. S. Sachdeva, Dr. Ajay Kumar attended DRILLS-2019 organized by ILBS, New Delhi
  
  Dr. AS Puri, Dr. BC Sharma, Dr. S. Sachdeva, Dr. Ajay Kumar attended CPLD-2019 at AIIMS, Delhi
  
  Dr. AS Puri, Dr. BC Sharma, Dr. S. Sachdeva, Dr. S. Srivastava attended Annual SGEI Conference at Delhi
  
  Dr. AS Puri, Dr. BC Sharma, Dr. S. Sachdeva, Dr. S. Srivastava, Dr. Ajay Kumar, Dr. Ashok Dalal, Dr. Amol Dahale, Dr.Ujwal Sonika attended Delhi Chapter ISG meetings held during 2019
  
  Dr. AS Puri, Dr. BC Sharma, Dr. S. Sachdeva, Dr. S. Srivastava, Dr. Ajay Kumar attended Liver Diseases Meeting organized by Sir Ganga Ram Hospital, New Delhi in September 2019
  
  Dr. AS Puri attended TUTH Conference at Kathmandu (Nepal) in February 2019
  
  Dr. AS Puri attended Uttarakhand Diabetes Research Foundation Meeting at Rudrapur in May 2019, ISG-Midcon at Kochi (Kerala), API Punjab Patiala in October 2019
  
  Dr. S. Sachdeva attended UP-ISGCON at Lucknow (UP)
  
  Dr. S. Srivastava attended Kalinga perspective of Liver and digestive diseases held on 9-10 February 2019, Medicine update 2019: Annual CME of MAMC held on 9th March 2019, 10th International workshop on EUS and ESD interface from 17 to 18 August 2019, Workshop on Data science and statistical analysis using R software 25-28 September 2019, organized by Indian spinal injuries center, Current trends in Therapeutics and Diagnostics of NAFLD on 10th December 2019 organized by AIIMS New Delhi, HPB surgery Post Graduate Certificate Course organized by ILBS New Delhi from 2nd to 6th December 2019, “Biomarkers for the management of Critical illness: An update” organized by GIPMER on 20th December 2019
  
  Dr. Ashok Dalal attended Competency based medical education Conference in MAMC, Workshop on how to write a manuscript at MAMC

- **Visitors:** Prof. Raj (from USA) visited As Faculty for Live Workshop on Spyglass Cholangioscopy & Axios LAMS

- **Significant Events (Honors to Faculty):**
  
  **Dr. AS Puri:**
  Chaired sessions/delivered lectures at APDW-2019 (Kolkata), SGEI Conference-2019 (Delhi), DRILLS-2019 (Delhi), SGRH Liver Meeting (Delhi), Delhi-Chapter ISG Meetings, TUTH Conference at Kathmandu (Nepal), Uttarakhand Diabetes Research Foundation Meeting at Rudrapur in May 2019, ISG-Midcon at Kochi (Kerala), API Punjab Patiala in October 2019
  
  **Dr. BC Sharma:**
  Chaired sessions/delivered lectures at APDW-2019 (Kolkata), SGEI Conference-2019 (Delhi), DRILLS-2019 (Delhi), SGRH Liver Meeting (Delhi), APASL-2019 at Manila, International Consensus on Hepatic encephalopathy-2019 in USA
  
  **Dr. Sanjeev Sachdeva:**
  Chaired sessions/delivered lectures at APDW-2019 (Kolkata), DRILLS-2019 (Delhi), SGRH Liver Meeting (Delhi), UP-ISGCON-2019 at Lucknow (UP), CPLD-2019 (AIIMS, Delhi)
  
  **Dr. Siddharth Srivastava:**
  Chaired sessions/delivered lectures at Kalinga perspective of Liver and digestive diseases held on 9-10 February 2019, Medicine update 2019: Annual CME of MAMC held on 9th March 2019, 10th International
workshop on EUS and ESD interface from 17 to 18 August 2019, Workshop on Data science and statistical analysis using R software 25-28 September 2019, organized by Indian spinal injuries center, Current trends in Therapeutics and Diagnostics of NAFLD on 10th December 2019 organized by AIIMS New Delhi, HPB surgery Post Graduate Certificate Course organized by ILBS New Delhi from 2nd to 6th December 2019, “Biomarkers for the management of Critical illness: An update” organized by GIPMER on 20th December 2019

**Dr. Ajay Kumar:**
Chaired session at CPLD-2019 (AIIMS, Delhi)

- **Fellowship:**
- **Dr. AS Puri was awarded Fellowship of** National Academy Of Medical Science (India)

- **Representation on Expert Committee/Bodies:**

**A. Dr. AS Puri:**
MCI Inspector for DM (Gastroenterology Course)
Nominated as Inspector for DNB (Gastroenterology Course)
Examiner for DNB (Gastroenterology) under NBE
Examiner for DM (Gastroenterology) under University of Delhi
Examiner for DM (Gastroenterology) for Institute of Medicine, Tribhuvan University, Kathmandu, Nepal
Member Editorial board: Indian Journal of Gastroenterology
Member ICMR Expert Committee for Extramural Research projects
Member ICMR Research Group for Celiac Disease

**Dr. BC Sharma:**
Member Governing Council—INASL, APASL
Secretary General and Treasurer of APASL
MCI Inspector for DM (Gastroenterology Course)
Examiner for DM (Gastroenterology) under University of Delhi

**Dr. Sanjeev Sachdeva:**
Vice-President—IMFDA (Indian Motility & Functional Diseases Association)
Member---Asian Neurogastroenterology & Motility Association (ANMA)
Member of Ethics Committeeof ILBS, Delhi
Visiting Gastroenterologist to The Supreme Court of India
Selected as Technical Expert in FDC Division of DCGI, Delhi
Examiner for DM (Gastroenterology) under University of Delhi
Member of Steering Committee for Liver Diseases Biobank at ILBS, Delhi

**Dr. Siddharth Srivastava:**
Member—European Society of Gastrointestinal Endoscopy (ESGE)
Reviewer of Journals: Indian Journal of Gastroenterology, Tropical Gastroenterology
Member Subject expert committee (SEC) of Directorate general of health services (DGHS) for approval of new drugs
Member specialty technical committee of GNCTD
Member Subject expert committee (SEC) of Food and Drug authority (FDA)
Founding Member Indian Pancreas Club
Subject expert on Task Force on Rational Use of Medicine by ICMR 2019
Subject expert on Ayushman Bharat Union Government of India 2019

Dr. Ajay Kumar:
Reviewer of Journal: Tropical Gastroenterology

Health Services to the Community: One Day Hepatitis-B Awareness Program for Patients & their attendants & Hospital Staff on occasion of World Hepatitis Day

Laboratory data:
Total Endoscopic procedures: 13359 (UGIE-10408, LGIE-2951), POEM-3
Total EUS procedures: 1011
Total ERCP procedures: 2845
Oesophageal stricture dilatations: 644
Oesophageal SEMS/Achalasia dilatation: 177
GI High resolution manometry/oesophageal pH-metry: 204
Hydrogen-Methane Breath test analysis: 192
Hepatitis Serology: 95393
Celiac disease serology: 886

New Facilities added: POEM procedure started for treatment of Achalasia cardia, Therapeutic Drug Monitoring (TDM) for patients with IBD on Biological Drugs

Any other worth mentioning information:
Dr. AS Puri & Dr. S. Sachdeva selected as Experts for Asian-Pacific Consensus on Small Intestinal Bacterial Overgrowth (SIBO) in GI Disorders
The Senior Residents (DM) of the Department of Gastroenterology won following prestigious International/National level awards/honors during the year 2019:
Dr. Mayank Aggarwal got Travel Grant Award for APDW-2019 (Kolkata)
Dr. SS Sethi delivered a speech on C. Difficile in IBD at BIT's 4th Annual World Congress of Digestive Disease-2019 (WCDD-2019) held in Kunming (China)
Dr. Gaurav Padia, Dr. SS Sethi & Dr. Vishwanoor Singh Presented Original Research papers as Oral/Poster session at APDW-2019 International Conference at Kolkata
Dr. Gaurav Padia presented Original Research paper at International Digestive Disease Forum-2019 at Hong Kong (Received Travel Grant)
Dr. Gaurav Padia presented Original Research paper at World Congress of Gastroenterology-2019 at Istanbul (Turkey)
1. Head of department: Dr Anil Agarwal (Director Professor)

Faculty
Dr. Anil Agarwal (Director Professor)
Dr HH Nag (Professor)
Dr SS Saluja (Professor)
Dr Amit Javed (Assistant Professor)

2. Members who left during the period - None

3. Additions to the faculty during the period - None

4. Research scheme
   Ongoing projects:
   Proteomic analysis of plasma exosome to identify circulatory biomarker for gall bladder carcinoma. Investigators: Dr Poonam Gautum, Dr P sakhuja, Dr A K Agarwal, Dr U Agarwal
   Comparison of Blood Loss in Laparoscopic vs Open Pancreaticoduodenectomy in Patients With Periampullary Carcinoma - A Randomized Clinical Trial. Investigators: Dr H H Nag, Dr Aditya Sharma, Dr P Sakhuja, Dr S Sachdeva, Dr S Chandra

5. Trainees from other agencies:
   1. Dr. Anush Mohan 13.12.18- 12.01.19
      KIMS, Trivandrum
   2. Dr. Lokesh Yadav 02.1.19 - 01.2.19
      KIMS, Trivandrum
   3. Dr. Gasnafar Hussaince 13.01.19 – 12.2.19
      KIMS, Trivandrum
   4. Dr. Prakashan OK 16.04.19 – 30.04.19
      Madras Medical College, Chennai
   5. Dr. Pranav HS 16.04.19 – 30.04.19
      Madras Medical College, Chennai
   6. Dr. N Venkateshwar Mahadevan 16.05.19 – 31.05.19
      Madras Medical College, Chennai
   7. Dr. M Karthik 16.05.19 – 31.05.19
      Madras Medical College, Chennai
   8. Dr. Chandrabose Ambedkar MJ 17.06.19 – 30.06.19
      Madras Medical College, Chennai
   9. Dr. Prasanna G 17.06.19 – 30.06.19
      Madras Medical College, Chennai
   10. Dr Sahil Sandal 01.10.19-30-11-19
      SKIMS, Kashmir
   11. Dr Jyotirmay Jena 23.12.19-04.01.2020
      Banagalore Medical College
   12. Dr Mannem Manoj Kumar 23.12.19-04.01.2020
      Banagalore Medical College

6. Training courses/conferences/workshops organized:

7. Departmental Publications during the period:
   1. Laparoscopic Surgery for Gallbladder Cancer: An Expert Consensus Statement
      Ho-Seong Han, Yoo-Seok Yoon, Anil K. Agarwal, Giulio Belli, Osamu Itano, Andrew A. Gumbs, Dong Sup Yoon, Chang Moo Kang, Seung Eun Lee, Toshifumi Wakai, Roberto I. Troisi. Dig Surg. 2019
2. Survey Results of the Expert Meeting on Laparoscopic Surgery for Gallbladder Cancer and a Review of Relevant Literature
Ho-Seong Han, Yoo-Seok Yoon, Anil K. Agarwal, Giulio Belli, Osamu Itano, Andrew A. Gumbs, Dong Sup Yoon, Chang Moo Kang, Seung Eun Lee, Toshifumi Wakai, Roberto I. Troisi. Dig Surg. 2019


Virinder Kumar Bansal1 & Mahesh C. Misra1 & Anil K Agarwal & JB Agrawal et al

08. Books/Chapters/Contributed:

09. Visitors to the department:
   Dr Yamamoto, Japan
   Dr Krish Menon, UK
   Dr Kevin Billingsley, USA
   Dr Darius Mirza: UK
   Dr Eduardo Fernandes, Brazil

10. Conferences/Symposium attended:

11. Significant Events(Honors to Faculty):

   Dr Anil Agarwal
   Invited as guest faculty for various conferences in India and abroad.
   MCh and DNB examiner for exams in India and Nepal
   Live Demonstration surgery – Radical Cholecystectomy on a soft human cadaver at Bangalore.
   Invited to be a guest editor for one volume of Oxford book on GI Surgery
   Invited to contribute a chapter on Gallbladder cancer for the Oxford book on GI Surgery

   Dr HH Nag
   1. Special mention poster-IASGCON, AIIMS, DELHI: Bi-Segmentectomy Versus Wedge Hepatic Resection In Patients With Resectable Gallbladder Cancer: A Retrospective Study
   2. Panel discussion, IHPBA, JAIPUR: Controversies in carcinoma gall bladder
   3. E-Poster, IHPBA, JAIPUR: Bi-Segmentectomy Versus Wedge Hepatic Resection In Patients With Resectable Gallbladder Cancer: A Retrospective Study
   4. Invited as Guest Faculty in FALS Colorectal 2019, Ahmedabad
   5. Invited as Guest Faculty in ASICON, BBSR

   Dr SS Saluja
   1. IHPBA, Jaipur: CBDdilatation in Elderly
   2. 35th Annual conference Northern State chapter ASI ASICON, PGIMER Chandigarh: Grading of surgical publications
   3. 35th Annual conference Northern State chapter ASI ASICON, PGIMER Chandigarh: Management of post esophagectomy chyle leak
   4. CME on World Cancer Day, Delhi state cancer Institute, Delhi: Approach to Liver SOL: Surgeons Perspective
   5. Oral presentation, IASGCON, AIIMS, Delhi: Prospective Randomized controlled trial comparing Adjuvant chemotherapy vs No chemotherapy for patients with carcinoma of gall bladder undergoing curative resection
   6. Panel Discussion, IASGCON, AIIMS, Delhi: Chronic pancreatitis
   7. MAMC Surgery UPDATE: Approach to a patient of jaundice

External Examiner:
1. AIIMS, Delhi[JUNE, DEC]
2. JIPMER, PUDUCHERRY[JUNE]
3. PGIMER, CHANDIGARH[OCT]
4. IPGMER, KOLKATA

Dr Amit Javed
Awards:
1. Best Poster award-IASGCON2019, Delhi: Laparoscopic management of benign biliary stricture
2. Award paper and Travel Grant: A-PHPBA 2019, KOREA
Lectures
1. CME on HPB Surgery: Current Trends, Army Hospital research and Referral-CDC: Laparoscopic Excision and
   RYHJ
2. 35th Annual conference Northern State chapter ASI ASICON, PGIMER Chandigarh: Recognition and
   management of esophageal conduit leaks
3. SURGICON AIIMS, DELHI: Lap Low Anterior Resection
4. SURGICON, DDU Hospital: Bilio-enteric anastomosis
5. CME, GTB Hospital: Laparoscopic suturing principles and techniques

Posters
1. IASGCON, AIIMS, DELHI: Lap management of BBS
2. IASGCON, AIIMS, DELHI: Laparoscopic redo RYHJ
3. IASGCON, AIIMS, DELHI, Lap CDC EXCISION, Hepaticoduodenostomy vs Hepaticojejunostomy
4. IASGCON, AIIMS, DELHI: Laparoscopic radical cholecystectomy with adjacent visceral resection
5. IASGCON, AIIMS, DELHI: Outcomes of laparoscopic surgery for corrosive stricture of the esophagus
6. IASGCON, AIIMS, DELHI: Laparoscopic management of chronic pancreatitis
7. IASGCON, AIIMS, DELHI: Hydatid cyst of pancreas; A diagnostic dilemma
8. IASGCON, AIIMS, DELHI: Pancreatic reconstruction using a “Double U stich pancreaticogastrostomy”
   following
   Laparoscopic Whipple’s Pancreaticoduodenectomy

12. Fellowship:
13. Health services to the community:

Health center activities/camps/drives/national programmes

14. Lab data: a) Name of lab:
b) Name and no of test performed:
   a) Total No of OT cases performed: 1485
   b) Total Routine cases: 1314
   c) Total emergency cases: 171
c) percentage of growth compared to last year:

15. New facilities added:

16: Any worth mentioning information:
**MICROBIOLOGY**  
GIPMER

Name of the Department: Microbiology Department

1. **Faculty:**
   1. Director Professor and Head: Dr Archana Thakur, MD
   2. Director Professor: Dr Poonam Sood Loomba, MD
   3. Assistant Professor: Dr Abha Sharma, MD

2. **Members who left during the period:** Dr Bibhabati Mishra, Director Professor; reason for leaving- retired in September 2019

3. **Addition to the faculty during the period:** Nil

4. **Research scheme:**
   Ongoing projects-One MD (Microbiology) thesis. **Dr Archana Thakur, Dr Poonam Sood.**
   Details of thesis completed during current year: - One PhD Thesis from SGT University, Gurugram. **Dr Bibhabati Mishra.**

5. **Trainees from other agencies:** Practical training of medical lab technology in microbiology to trainees from Meerabai institute of technology, maharani bagh New Delhi- 15 trainees for three weeks in April-May and October - November 2019.

6. **Training course/conference/workshop organized:** Two MD Microbiology seats sanctioned by MCI to the department. One PG student joined for MD Microbiology training.

7. **Publications during the period:**

8. **Books/chapters contributed:**
   **Dr Poonam Loomba:** published jeevanu times, official newsletter of IAMM Delhi Chapter.

9. **Conferences/workshops/symposiums attended:**
   - Workshop in Medical education technologies, MAMC 13th-15th March 2019-attended by **Dr Ashna Bhasin**
   - IAMM Delhi Chapter at MAX Saket on 6.4.19- attended by **Dr Abha Sharma, Dr Poonam Loomba, Dr Bibhabati Mishra, Dr Madhusmita Das, Dr Ashna Bhasin.**
• National workshop on hospital waste management, environment and occupational safety at IIC, Max Mueller marg on 25th-26th April 2019- attended by Dr Abha Sharma.
• IAMM Delhi chapter at Ganga Ram Hospital on 20th July 2019- attended by Dr B mishra, Dr Poonam Loomba, Dr Ashish, Dr Ashna and Dr Prachla.
• 11TH Annual conference of IAMM-Delhi chapter at IHC, New Delhi on 2.11.19 – attended by Dr Poonam sood, D Abha Sharma, Dr Prachla, Dr Ashna, Dr Ashish and Dr Madhusmita, Dr Vikas.
• National workshop on viral hepatitis testing- discovering the challenges on 5.11.19- attended by Dr Abha Sharma and Dr Ashna Bhasin.
• Stateholders workshop to develop strategic action plan to combat antimicrobial resistance in delhi on 24-25 august 2019-attended by Dr Poonam Loomba.
• Poster presented on ‘Candida biofilm production’ on 6/4/19 at IAMM Delhi Chapter, Max saket.
• Madhusmita Das, Abha Sharma, B Mishra, A Thakur, Poonam Loomba, A bajaj, Ashna Bhasin.
• Poster presented on ‘MRSA as uropathogen: IPD Vs OPD’ st IAMM Delhi chapter on 6/4/19- Ashna Bhasin, Abha Sharma, B Mishra, A Thakur, Poonam Loomba, A bajaj and Madhusmita Das.
• Poster presented on ‘Tigecycline susceptibility of respiratory tract isolates in tertiary care center’- A bajaj, B Mishra, A Thakur, Poonam Loomba, Abha Sharma, Madhusmita Das and Ashna Bhasin.
• Poster on ‘keratomycosis caused by scedosporium’ at IAMM Delhi chapter 20/7/19 - A bajaj, B Mishra, Ploomba, A Sharma.
• Poster presented on ‘demonstration of amoebic trophozoites in colonic biopsy:a diagnostic stewardship initiative for amoebiasis’ on 2/11/19 – A bajaj, Abha Sharma, B Mishra, A thakur, Poonam Loomba, Prachla, Madhusmita das.
• RBCW in medical education 13-16 feb 2019. -Dr Poonam Loomba.
• Contact program for PGDM-executive hospital management conducted by NIHFW ON 25-29 Nov 2019.- attended by Dr Prachla Rathod, SR.

10. Visitors : Nil
11. Significant events (honor to faculty):

1. Dr Archana Thakur-
   NABH assessor
   NABL Technical assessor, Lead assessor and expert member
   MCI Inspector
   Technical Expert for Procurement of Microbiology kits for NACO, at Rites
   Expert for Hospital Biomedical waste management and infection control Sectional Committee MHD21 of Bureau of Indian Standards.

2. Dr Bibhabati Mishra-
   Evaluation of microbiology MD thesis of AIIMS New Dehi
   Evaluation of microbiology MD thesis of AIIMS Rishikesh.
   MD thesis evaluator at Sri guru govind singh university
   PhD thesis evaluator in microbiology at Jaipur National University.
   External examiner for II MBBS at Dr BSA Medical college, New Delhi on 2/1/19.
   Question paper setter for DNB(entry level and exit level) microbiology at National board of examiners.
   Question paper setter II MBBS (suppl) at AIIMS New Delhi.
   External examiner for II MBBS (suppl) at Dr BSA Medical College NEW DELHI on 26/3/19.
   Selection committee expert for assistant professor in VMMC and safdarjung hospital on 29/3/19.

3. Dr Poonam Sood Loomba-
   Awarded FAIMER fellowship in medical education
Resource person for ‘hands on training workshop on WHONET in Krishna Institute of medical sciences, Karad.

External examiner for II MBBS (suppl) at Faridkot on 29/5/19.

Faculty speaker in CME cum workshop on ‘CBME: Concepts and application’ on 29-30th April 2019.

Resource person and speaker at 51st mini workshop for SR at MAMC on medical education technologies.

MCI observer for CISP workshop at Kalpana Chawla Medical College 9-11th May 2019.

MCI observer for RBCW at Santosh Medical College 22-26th July 2019.

External examiner for II MBBS (SUPPL) at VMMC on 26/3/19.

PG Practical examiner at SIMS Hapur on 11-12 dec 2019.

Panelist ‘BMW RULES: challenges in implementation’ at 43rd MICROCON, Mumbai.

Poster judge at MICROCON, Mumbai.

4. Lectures taken –

Speaker ‘breaking the chain of transmission’ at certificate course in infection prevention and control for nurses at MAMC on 8/7/19. Dr Poonam Loomba

Speaker in RBCW at MAMC for RML faculty on 27-31 july 2019. Dr Poonam Loomba

Speaker at all CISP workshops at MAMC. Dr Poonam Loomba

‘Ethics in Research’ in orientation program on law, technology and development at Delhi Judicial Academy on 6/9/19. Dr Poonam Loomba.

‘Infection control’ at training on infection control under national quality assurance program at DHS on 11/9/19. Dr Poonam Loomba.

Speaker ‘Induction program for PGs’ at GIPMER on 18/8/19. Dr Poonam Loomba

Lecture on ‘communication skills and ethics’ at white coat ceremony dental college Jamia Milia Islamia on 16th October 2019. Dr Poonam Loomba

Speaker ‘Post exposure prophylaxis of HBV/HCV’ at national workshop on viral hepatitis testing at ILBS on 5/11/19. Dr Poonam Loomba

Speaker at BCW, MAMC on 3-6th Dec 2019. Dr Poonam Loomba

Lecture on ‘Biomedical waste management rules 2018’ for neurosurgery nurses at IHC, Delhi in DNACON 2019 on 2/2/19 by Dr Abha Sharma

12. Fellowship: Completed FAIMER fellowship at CMC Ludhiana : Dr. Poonam S. Loomba

13. Representation on expert committees/bodies-

Dr Archana Thakur-

Technical Expert for Procurement of Microbiology kits for NACO, at Rites

Expert for Hospital Biomedical waste management and infection control Sectional Committee MHD21 of Bureau of Indian Standards.

Dr Poonam Sood Loomba-

Executive member IAMM

Resource person for four MCI Revised basic course workshops in Department of Medical Education, MAMC every quarter

Resource person for three capsule courses for Senior Residents in Department of Medical Education in MAMC.

Resource person for NTTC workshop in MAMC

Faculty, Medical Education Department, MAMC.

Member hospital equipment maintenance committee.

Chairperson, Kitchen and cafeteria committee

External expert for SR Interview at BSAMCH, Delhi

MCI Observer for Medical Education/CISP program in various medical colleges

Member physical verification committee of GIPMER

External expert for procurement of instruments for sport center VMMC.

Member technical committee for state action plan on AMC.

Member technical evaluation committee for lab services of mohalla clinics.

Expert technical committee for PCR at Janakpuri superspeciality hospital.
Expert in the selection committee of Janak puri super speciality hospital for the post of Assist prof and specialist Microbiology in December 2019.
Member advisory committee NML at Nirman bhavan.

Dr Bibhabati Mishra-
Technical expert in Microbiology in core accreditation committee of NABL

D Abha Sharma-
Member Hospital GEM committee (chemical store)
Member HICC (Hospital infection control Incharge)

Health services to the community –
Health centre activities/camps/drives/national programme etc
   Hepatitis B vaccination of all health care workers of the Hospital

Lab Data-
Name of the lab: Microbiology
Name and No. of tests performed: given below

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<thead>
<tr>
<th>Total number of tests performed in the year 2019 = 504485</th>
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<tbody>
<tr>
<td>Total samples received</td>
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<tr>
<td>Biochemical tests</td>
</tr>
<tr>
<td>Culture plates</td>
</tr>
<tr>
<td>Swabs</td>
</tr>
<tr>
<td>Tubes prepared</td>
</tr>
<tr>
<td>Gram stain and direct microscopy</td>
</tr>
<tr>
<td>Antimicrobial assay</td>
</tr>
<tr>
<td>Automated identification by VITEK for GPC and GNR</td>
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<tr>
<td>Automated sensitivity by VITEK for GPC and GNR</td>
</tr>
<tr>
<td>Media prepared</td>
</tr>
<tr>
<td>AFB Smear</td>
</tr>
<tr>
<td>Total</td>
</tr>
<tr>
<td>Research work</td>
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<table>
<thead>
<tr>
<th>MYCOLOGY</th>
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<tr>
<td>Total sample received</td>
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<tr>
<td>Direct microscopy</td>
</tr>
<tr>
<td>Gram staining</td>
</tr>
<tr>
<td>Culture</td>
</tr>
<tr>
<td>Biochemical tests</td>
</tr>
<tr>
<td>Lacto phenol cotton blue staining</td>
</tr>
<tr>
<td>India ink preparation</td>
</tr>
<tr>
<td>KOH preparation</td>
</tr>
<tr>
<td>Total</td>
</tr>
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<table>
<thead>
<tr>
<th>SEROLOGY</th>
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<tbody>
<tr>
<td>ASO</td>
</tr>
<tr>
<td>CRP</td>
</tr>
<tr>
<td>WIDAL</td>
</tr>
<tr>
<td>RF</td>
</tr>
<tr>
<td>VDRL</td>
</tr>
<tr>
<td>MP</td>
</tr>
<tr>
<td>AMOEBC SEROLOGY</td>
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<tr>
<td>HYDATID SEROLOGY</td>
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<tr>
<td>ANA-ELISA</td>
</tr>
<tr>
<td><strong>ANA-LIA</strong></td>
</tr>
<tr>
<td><strong>LATEX FOR CRYPTOCCAL ANTIGEN</strong></td>
</tr>
<tr>
<td><strong>DENGUE-IgM</strong></td>
</tr>
<tr>
<td><strong>DENGUE NS1 antigen</strong></td>
</tr>
<tr>
<td><strong>HIV I &amp; II</strong></td>
</tr>
<tr>
<td><strong>TYPHIDOT</strong></td>
</tr>
<tr>
<td><strong>CHIKUNGUNYA</strong></td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
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### HOSPITAL INFECTION

<table>
<thead>
<tr>
<th>Service Description</th>
<th>Cost</th>
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<tr>
<td>Sterility testing of blood bank samples</td>
<td>600</td>
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<tr>
<td>Sterility testing of IV fluids, syringes, needles, sheets, drapes, gowns, gloves etc.</td>
<td>142</td>
</tr>
<tr>
<td>Biochemicals</td>
<td>3600</td>
</tr>
<tr>
<td>Water bacteriology</td>
<td>2400</td>
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<td>Biological indicator testing</td>
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<tr>
<td>Settle plates</td>
<td>142</td>
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<tr>
<td>Environmental swabs</td>
<td>392</td>
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<tr>
<td><strong>Total</strong></td>
<td>7276</td>
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Samples collected and processed in emergency laboratory

<table>
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<tr>
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<th>Count</th>
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<tbody>
<tr>
<td>HIV rapid test</td>
<td>25909</td>
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<tr>
<td>HBsAg</td>
<td>25909</td>
</tr>
<tr>
<td>HCV</td>
<td>25909</td>
</tr>
<tr>
<td>CRP</td>
<td>Nil</td>
</tr>
<tr>
<td>ASO</td>
<td>Nil</td>
</tr>
<tr>
<td>Culture</td>
<td>510</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>78237</td>
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</table>

New facilities added:

- Lyophilisation of bacterial strains – 300

Internal quality control –

4. Gram stain-3400
5. Culture of standard strains-5600
6. Biochemicals-8000
7. Antimicrobial sensitivity-2200
8. TB culture MGIT- 85
9. Total: 19585
**NEUROLOGY**
**GIPMER**

**NAME OF HEAD OF DEPARTMENT:** Dr. Debashish Chowdhury

**Faculty**

<table>
<thead>
<tr>
<th>S. No</th>
<th>Name of the faculty</th>
<th>Designation</th>
</tr>
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<tbody>
<tr>
<td>•</td>
<td>Dr Debashish Chowdhury</td>
<td>Director-Professor and Head</td>
</tr>
<tr>
<td>•</td>
<td>Dr Geeta A. Khwaja</td>
<td>Director-Professor</td>
</tr>
<tr>
<td>•</td>
<td>Dr Sanjay Pandey</td>
<td>Professor</td>
</tr>
<tr>
<td>•</td>
<td>Dr Ashish Duggal</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>•</td>
<td>Dr Arun Koul</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>•</td>
<td>Dr Sujata Roshan</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>•</td>
<td>Dr Swapan Gupta</td>
<td>Assistant Professor</td>
</tr>
</tbody>
</table>

**MEMBERS WHO HAVE LEFT** during the period:

<table>
<thead>
<tr>
<th>S. No</th>
<th>Name of the faculty</th>
<th>Designation</th>
<th>Reason for leaving the job</th>
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<tbody>
<tr>
<td>1</td>
<td>Dr Anu Gupta</td>
<td>Assistant Professor</td>
<td>Transferred to Safdarjung Hospital, New Delhi</td>
</tr>
</tbody>
</table>

**ADDITIONS TO THE FACULTY** during the period: None

**RESEARCH SCHEME**

**ONGOING PROJECTS**

**Dr Debashish Chowdhury**
Principal investigator in “A 12-week double-blind, randomized, multi-center study comparing the efficacy and safety of once monthly subcutaneous AMG 334 against placebo in adult episodic migraine patients (EMPOwER)”
Principal investigator in “The burden attributable to headache disorders in the general population: A community-based survey in National Capital Region”.
PI in Protocol H8H – MC – LAIJ(a) Randomized Controlled Trial of Lasmiditan over four migraine attacks).
PI in Hospital based stroke registryunder ICMR.

**Dr Sanjay Pandey**
The Indian Movement Disorder Registry and Biobank: Clinical and genetic evaluation of movement disorders in Indian patients (DBT Funded)
Indian Collaborative Research Network on Wilson's Disease (iCROWD): Integrative Analysis of Wilson's Disease, understanding molecular genetics towards better diagnosis and therapy (Funded by CSIR)

**Dr. Ashish Kumar Duggal**
1. Co – investigator in Clinical trial titled “A 12-week double-blind, randomized, multi-center study comparing the efficacy and safety of once monthly subcutaneous AMG 334 against placebo in adult episodic migraine patients (EMPOwER).
2. Co – investigator in “The burden attributable to headache disorders in the general population: A community-based survey in National Capital Region”.
5. Co – investigator in Hospital based stroke registry being conducted by ICMR.
DETAILS OF THESIS COMPLETED DURING CURRENT YEAR

Dr Debashish Chowdhury
As Supervisor:
A Study of Preventive Efficacy of Greater Occipital Nerve Block in Chronic Migraine:
Assessment of Attention, Vigilance And Executive Functions In Migraine

Dr Geeta Khwaja:
As Supervisor:
A study of Quality of life and Psychiatric comorbidities in patients with Juvenile Myoclonic epilepsy

Dr. Sanjay Pandey
Supervisor:
Drug induced Movement Disorder.
A comparative study of cognitive profile of early and late onset Parkinson disease patients

TRAINEES FROM OTHER AGENCIES: None

<table>
<thead>
<tr>
<th>S. No</th>
<th>Name of the trainees</th>
<th>Sponsoring agencies</th>
<th>Period of training</th>
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<tbody>
<tr>
<td>---</td>
<td>---</td>
<td>---</td>
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</tbody>
</table>

TRAINING COURSE/CONFERENCES/WORKSHOP ORGANIZED

Dr Debashish Chowdhury
EEG Workshop (½day symposium) by US faculty at GIPMER on 31.5.19
MS Day Symposium (½ day symposium) by National faculty on 31.5.19
Migraine day celebration as a part of World Brain day on 22nd July, 2019
Course director of EPIQUEST (an international speaker program on Epilepsy) on 9.2.19
Course director of a “Headache symposium” in Jalandhar organized by IMA Jalandhar on 31st March, 2019
Course director of National Headache symposium organized by Asian Society of Continuing medical education and Headache Subsection of Indian Academy of Neurology, on 6th and 7th April, Kolkata

PUBLICATIONS DURING THE PERIOD:

Articles Published


**BOOKS/CHAPTERS CONTRIBUTED:**

**Editorial:**

**Dr Debashish Chowdhury**
- Editor for Position Paper on Propranolol in Migraine Prevention. Published by Theime (in association with Indian Academy of Neurology), Delhi 2019.
- Section Editor of “Headache” in “A Clinician’s Approach to Neurological Disorders – Indian Experience. Editor-in-chief: Ashok Panagariya; Published by Springer healthcare, New Delhi, 2019

**CONFERENCES/ WORKSHOPS / SYMPOSIA ATTENDED:**

**Dr Debashish Chowdhury** attended the following conferences/workshops/symposium:
- Delivered a lecture during Annual Conference of DNA on “Chronic Migraine: An Update” and chaired a session on 2nd February, 2019.
- Delivered a talk “Epilepsy and Marriage” at Indian Spinal Injury Centre on 11th February, 2019.
- Delivered a talk “Debate on: Do you have a first among the equals in the preventive treatment of Migraine? For the motion” during Controversies in Neurology at Goa on 16th February, 2019.
- Chaired a session during Annual meeting of Movement Disorder Society of India, New Delhi on 22nd February, 2019.
- Delivered a talk during Epiquest, New Delhi on “Dostoevsky’s epilepsy” on 9th March, 2019.
- Delivered a talk “CPC” during Medicine Update, MAMC on 10th March, 2019.
- Delivered a talk “Trigeminal Autonomic Cephalalgia” during a symposium on Headache organized by Amrita Institute of Medical sciences on 15th March, 2019 at New Delhi.
- Delivered a talk “Trigeminal Autonomic Cephalalgia part II” during a symposium on Headache organized by Amrita Institute of Medical sciences on 16th March, 2019 at Kochi.
Delivered a talk “Mini CPC” during National Headache symposium organized by Asian Society of Continuing medical education and Headache Subsection of Indian Academy of Neurology on 6th April, 2019

Delivered a talk “Newer advances in Headache” at AIIMS PGI meet at PGI Chandigarh, on 12th April, 2019


Delivered a talk on “Interesting cases of Movement Disorders” during Neuroscience Conference at Fortis Hospital, NOIDA on 26th April, 2019.

Delivered a talk on “Trigeminal Autonomic Cephalalgia” in the Annual Conference of IMA, Calicut on 28th April, 2019

Delivered a talk on “Trigeminal Autonomic Cephalalgia” during Neuroconnect, Guwahati on 19th May, 2019

Delivered a talk on “Challenges in the diagnosis of Optic Neuropathy” during MS Day Symposium, GIPMER on 31.5.19

Delivered a public lecture on “Pathophysiology of Migraine during Migraine Day Celebrations at Indian Spinal Injury Centre on 22nd July, 2019

Moderated and participated in Public Awareness Program on Migraine on 22nd July, 2019 at GIPMER.

Delivered a talk on “Approach to Optic Neuritis” during ICTRIMS, Kolkata on 16th August, 2019

Delivered a talk on “More than Just Headache: learning from Complex cases” during World Neurosciences Summit organized by Medanta in Delhi on 24th August, 2019

Delivered a talk on “Recent Advances in Migraine” during World Brain day celebrations at RML Institute, Lucknow on 21st September, 2019

Delivered a talk (webinar) on “Dual anti-platelets and Statins in Ischemic stroke” during World Heart Day on 29th September, 2019

Delivered a talk during Annual Conference of API (West Bengal Chapter) and 3rd Conference of Global Cardio Diabetes Conclave (GCDC) on “‘Not just headache : understanding and treating migraine in 2020’” on 19th October, 2019

Delivered a talk on “Difficult cases of Headache “ during the Annual Conference of Association of Eastern India Neuroscientists” on 9th November, 2019 at Jamshedpur

Delivered a talk on “Pediatric Migraine” on 23rd November, organized by Department of Pediatrics, MAMC.

Dr Sanjay Pandey attended the following conferences/workshops/symposium:

- Nice, France, September 2019 Post stroke dystonia and dystonic tremor: Clinical features and neuroimaging findings: S Pandey, P Tater. Mov Dis J 2019
- Hannover, Germany, May 2019 Botulinum toxin therapy in India
- Movement disorder society of India (MDSICON 2019) annual conference,
- Indian academy of Neurology conference 2019
- Neurological society of India conference 2019

Dr Ashish Duggal attended the following conferences/workshops/symposium:

- Organized Quiz in DNACON 2019
- Presented a lecture ion Greater Occipital Nerve Block in Headache Disorders. “National Headache Symposium 2019” Kolkata
- Presented a lecture on Parkinson Disease: Diagnosis and Management at GMC Kannauj in Neurology – How I learned on 4th May 2019
- Presented a lecture on Ethics in Headache Medicine at Neuroconnect” at Guwahati, Assam, India on 19th May 2019.
- Presented a lecture on Higher Mental Function assessment at NSI workshop at GIPMER, New Delhi on 28th September 2019.
- Presented a lecture on Approach to Headache at Medicine Update organized by Max Hospital, Vaishali in October 2019.
Dr Swapan Gupta attended the following conferences/workshops/symposium:

- Participated as Faculty and delivered lecture at 27th Annual conference of Indian Academy of Neurology, Hyderabad
- Participated as Faculty and delivered lecture at 21st Annual conference of Delhi neurological association, Delhi
- Participated as Faculty and delivered lecture at KIMS-EEG workshop, Hyderabad
- Participated as Faculty and delivered lecture at Paediatric epilepsy workshop 2019, Hyderabad
- Participated as Faculty and delivered lecture at Annual meeting of 5th National epilepsy surgery support activity network (NESSAN), Delhi

Dr Sujata Roshan attended the following conferences/workshops/symposium:

- Dystonia Skills workshop: Presented a case
- Presented a lecture on Higher Mental Function assessment at NSI workshop at GIPMER, New Delhi on 28th September 201
- MAMC Paediatric practical capsule course Dec 2019 (Delhi): Participated as faculty and delivered a lecture
- Indian Neurorehabilitation Conference in Occupational Therapy: Participated as faculty and delivered a lecture

Dr Arun Koul attended the following conferences/workshops/symposium:

- DNACON February 2019 (Delhi): Participated as faculty and delivered a lecture
- AIOTA March 2019 (Delhi): Participated as faculty and delivered a lecture
- National Headache Symposium April 2019 (Kolkata): Participated as quiz master
- National Conference on Neurology, How I learned: May 2019 (Kannauj): Participated as faculty and delivered a lecture
- CME on Infection and Epilepsy Nov 2019 (Delhi): Participated as faculty and presented a case
- MAMC Paediatric practical capsule course Dec 2019 (Delhi): Participated as faculty and delivered a lecture

VISITORS:

- Prof Tim Steiner from UK visited the department and analyzed the results of Headache Burden study
- Prof Simon Hawke from Australia visited the department and gave a lecture on Treatment of MS
- Dr Madhav Suri from US conducted a mini EEG workshop on 31.5.19
- Dr Rebecca Clark from US conducted a mini EEG workshop on 31.5.19

SIGNIFICANT EVENTS (HONORS TO FACULTY):

Dr Debashish Chowdhury

- Awarded “State Award” given by the Government of NCT of Delhi for the meritorious services in the field of health care (Neurology), 18th February, 2019
- External examiner-ship for DM (Neurology) at Mumbai, Kolkata, Srinagar
- Expert member on stroke at ICMR-NCDIR
- PhD thesis evaluator at PGI Chandigarh

Dr Sanjay Pandey

- Received travel grant to attend MDS International conference at Nice.

Dr Swapan Gupta

- Awarded bursary and training in 17th International Course on Epilepsy: Brain Exploration and epilepsy surgery-4: Epilepsy surgery at Paediatric age at San Servolo, Venice, Italy
- Awarded Indian Academy of Neurology (IAN) Travel Fellowship 2019

FELLOWSHIP: None

REPRESENTATION ON EXPERT COMMITTEE / BODIES
Dr Debashish Chowdhury
- General Secretary of Delhi Neurological Association
- Member of EC of Indian Academy of Neurology
- Convener, Headache Subsection, Indian Academy of Neurology
- Expert member on Stroke, ICMR
- Expert member of SEC (Neurology and Psychiatry) at DCGI
- Expert member of Delhi Medical Council
- Inspector of MCI
- External expert in UPSC
- Theory paper evaluator and Moderator for question setting at AIIMS, JIPMER and DNB
- Only Indian member of the prestigious “CGRP Forum on Education and Research”, UK.

Dr Sanjay Pandey
- Selected as “Dystonia task force” member of International Parkinson and movement disorder society
- Selected as “Stiff person task force” member of International Parkinson and movement disorder society

HEALTH SERVICES TO THE COMMUNITY:

Dr Debashish Chowdhury
- Talk in DD on “Heart and Brain Attack” on 9th April, 2019
- Talk in DD (Good Evening India) on “Migraine” on 23rd July, 2019
- Talk in DD Kisan on “Mental Illness” on 3rd August, 2019
- Talk in DD News (Total Health) on 22nd September on Alzheimer’s Disease, 2019
- All India Radio Interview on Facial Palsy on 28th November, 2019
- Talk on DD National (Arogya Bharat) on Neurological diseases in Elderly on 9th December, 2019

Dr Swapan Gupta
- 2-day comprehensive training in epilepsy of around 500 staff members including Medical officers, nurses, caretakers at Asha Kiran complex, home for mentally challenged persons, Rohini, Delhi under the Department of Social welfare, Govt. of NCT of Delhi.

LAB DATA: Neuroelectrophysiology lab data

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<thead>
<tr>
<th>Month</th>
<th>Routine Lab</th>
<th>ICU-6</th>
<th>EMU</th>
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<tbody>
<tr>
<td></td>
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<td>EMG</td>
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<td>December</td>
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<td>39</td>
<td>26</td>
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<tr>
<td>Total</td>
<td>2274</td>
<td>341</td>
<td>375</td>
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- NEW FACILITIES ADDED: Neurophysiology lab has been upgraded and relocated
- ANY OTHER INFORMATION WORTH MENTIONING: None
Head of Department: Dr. Daljit Singh

1. FACULTY
Dr. Daljit Singh  Director- Professor and Head
Dr. Arvind K Srivastava  Director- Professor
Dr. Anita Jagetia  Professor
Dr. Hukum Singh  Professor
Dr Wajid Nazir  Associate Professor
Dr Ghan Shyam Das Singhal  Associate Professor
Dr Shaam Bodeliwala  Assistant Professor

2. PROMOTIONS :-  Dr Wajid Nazir and  Dr Ghan Shyam Das Singhal promoted to Associate Professor

3. RESEARCH SCHEME
Thesis completed:
- Assesment of surgical outcome in suboccipital approach for patients with tumors in pineal region.
- Assesment of surgical outcome of clipping of intracranial aneurysms.
- Study of factors predicting outcome in IDEM spinal cord tumors.
- Morphometric study of bony and vascular structures in CVJ anomaly.
- To study serum GFAP as a diagnostic and prognostic marker in patients of glioma.

On going projects
Thesis projects:
- Factors affecting surgical outcome in trigeminal neuralgia following MVD
- Assessment of neurocognitive functions in gliomas
- Role of electrophysiological monitoring in brain tumours
- Functional and surgical outcome study in cerebral aneurysms
- Factors affecting outcome in NPH treated with programmable shunt
- Study of validation of ACS-NCQIP score in geriatric patients undergoing neurosurgery
- Role of PDGF receptors in different grades of glioma with department of Biochemistry, MRU, MAMC, Delhi

Other projects:
1 Inter-departmental meetings with various departments of Maulana Azad, GNEC, GIPMER.
2 Alumni Interactive educational activity : Dr RC Mishr and Dr RLS Sengar

4. TRAINING FROM OTHER AGENCIES
- Dr Shaam Bodeliwala visited Yonsei University Health system in Seoul, South Korea for Neurointervention December 2019

5. CONFERENCE ORGANISED
- Annual DNA Conference in Februrary 2019
- 17th NSI Teaching course in October 2019
- Workshop on
- Various drills and drilling techniques in cranial and spinal surgeries by Medtronic.
- Microvascular anastomosis hands on workshop by johnsons & johnsons.

6. AWARDS
- 1st Prize Neuroquiz DNA con (2019) Dr Prashank, Dr Vikrant
• First prize in Quiz in skull base CME under aegis of SBSSI (Skull base surgery society of India) in August 2019 at AIIMS Rishikesh Dr Ritu.
• 2nd Prize in Award paper DNA con (2019) “Role of retinal nerve fiber layer thickness in assessing post operative recovery of visual function in patients of pituitary adenoma” Dr Prashank.
• 2nd Prize in poster presentation DNA con (2019) “Intraprocedural rupture of cerebral aneurysm : effect of location on outcome” Dr Prashank.
• 2nd Prize Quiz in DNAcon Feb. 2019 Dr Nidhi.
• 3rd prize in poster presentation at SKULL BASECON 2019 “Morphometric analysis of C1 lateral mass in CVJ anomalies in relation to placement of lateral mass screws” Dr Ritu.
• 3rd prize in award paper presentation at SKULL BASECON 2019 “Post auricular presigmoid approach transpetrous approach for CP angle tumour” Dr Shaam

7. PAPER PUBLISHED / UNDER REVIEW
• Dr Shaam Bodeliwala - Pattern of pulmonary dysfuctions in craniovertebral junction anomaly & its persistence after rigid occipito cervical fixations. (IJNS under review).
• Evaluation of ischemia following clipping of anterior circulation aneurysms in respect to temporary clipping using diffusion weighted magnetic resonance imaging. A prospective study. (Indian journal of Neurosurgery)
• Dr Vikrant – Changes in Cerebral hemodynamics and clinical outcome in patients of de-compressive craniectomy undergoing cranioplasty ( Neurology india – under review 2019)
• Dr Amit Sharma - Dual Micro catheter technique in regular wide neck aneurysm (Neurology India – under review)
• Rare case of peri-ventricular germinoma with sub-ependymal dissemination (journal of clinical Neuroscience – under review)
• Kissing Aneurysm of ICA (journal of clinical Neuroscience – under review)
• Dr prashank - A rare Radiological Picture of multicompartamental craniopharyngioma (Egyptian Journal of Neurology, psychiatry & Neurosurgery under review)
• Unusual Radiological Appearance of congenital scalp Dermoid cyst with intracranial extension (Indian journal of Neurology under review)

8. BOOKS CHAPTER CONTRIBUTED
1. Head Injury
2. Arreasted Hydrocephalus
3. Hydrocephalus
4. organ donation – ethics in India (Oxford publications)
5. Postmyelotomy closure of the cord
6. Embolization of the skullbase tumors
7. Supratentorial tumors

9. CONFERENCE/ PAPER PRESENTED
Papers were presented by Dr D Singh, Dr A K Srivastava, Dr Anita Jagetia, Dr Hukum Singh, Dr Wajid Nazir, Dr Shaam Bodeiwala, Dr Ghanshayam Das singhal in various conferences.
Conferences attended by Faculty include NSI, NSSI, Indian society of cerebrovascular surgery, Skull Base society, DNA etc.

10. DISTINGUISHED VISITOR
• Dr. Krishna Kumar G, M.Ch (Neurosurgery), SGPGIMS, Lucknow
• Dr. Raghavendra M, M.Ch (Neurosurgery), SGPGIMS, Lucknow
• Dr. Gajbhiye Sanjog Shankar, M.Ch (Neurosurgery), SGPGIMS, Lucknow
• Dr. Abhijit Nanda Parab, M.Ch (Neurosurgery), SGPGIMS, Lucknow
• Dr. Dipanshu Narula, M.Ch (Neurosurgery), AIIMS, New Delhi
• Dr. Saurabh Sharma, Attending Consultant, DMC, Ludhiana
• Dr. Dhivya Palanishmy, Consultant Neurosurgery, Apollo KH Hospital, Vellore, Tamilnadu
• Dr Ketan Hedau, Assistant Professor, Department Of Neurosurgery, NSCB Medical College, Jabalpur
11. HONOUR TO FACULTY
1 Dr Daljit Singh : Vishisth Chikitsa Ratan Award 2018, Treasurer NSI
2 Dr Hukum Singh 1 Bharat Jyoti Award 2018 for Meritorious services, outstanding performance and remarkable role in the field of Neurosurgery.

- Country Pride National Award 2018 for excellence work in the field of Neurosurgery.
- Dr Anita Jagetia :Coordinator Woman section NSI

12. FELLOWSHIP
- The association for overseas technical cooperation and sustainable partnership, Japan :Training programme on Japan Indian neurosurgical collaboration project was awarded to Dr Wajid Nazir, in February 2019
- Dr Shaam Bodeliwala completed Yonsei University Health system in Seoul, South Korea for Neurointervention December 2019

13. REPRESENTATION IN EXPERT COMMITTEE
Dr D Singh, Dr A K Srivastava, Dr Anita Jagetia, Dr Hukum Singh as member in expert committee of MCI, UGC, DNB,UPSC, DMC, etc

14. Publications during period

Accepted, not yet published:
- Chiari type I malformation with syringomyelia presenting with isolated hemi-anhidrosis: report of a rare case. Neurology India.
- An institutional experience of fenestrated T bar clip use in management of intracranial aneurysms: Accepted in Neurology India
- Effect of temporary clipping in aneurysm clipping : Indian journal of neurosurgery (IJNS)
PATHOLOGY
GIPMER

Name of the Head of Department – Dr Puja Sakhuja

1. Faculty:

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name of Faculty</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Dr Puja Sakhuja</td>
<td>Director Professor &amp; HOD</td>
</tr>
<tr>
<td>2.</td>
<td>Dr Ravindra K Saran</td>
<td>Director Professor</td>
</tr>
<tr>
<td>3.</td>
<td>Dr Vineeta V Batra</td>
<td>Director Professor</td>
</tr>
<tr>
<td>4.</td>
<td>Dr Kaushik Majumdar</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>5.</td>
<td>Dr Surbhi Goyal</td>
<td>Assistant Professor</td>
</tr>
</tbody>
</table>

2. Members who have left during the period: Dr Kaushik Majumdar – on 27/09/2019

3. Additions to the faculty during the period: One post of Assistant Professor pathology created

4. Research Schemes:

Dr Puja Sakhuja
- Association of Microsatellite instability with gastric cancer - completed
- Proteomic Analysis of Plasma Exosomes to Identify Circulatory Biomarkers for Gallbladder Carcinoma – ICMR - ongoing

Dr VV Batra
- Infrastructure development project by DBT for development of EM facility for Delhi Government hospitals

(b) Details of thesis completed during current year
Co-supervisors for thesis in MAMC, DM, MCh thesis at GIPMER and thesis at MAIDS

5. Trainees from other agencies:

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name of the trainees</th>
<th>Sponsoring agency</th>
<th>Period of Training</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technician</td>
<td>1</td>
<td>CNBC</td>
<td>One month</td>
</tr>
<tr>
<td>MD Pathology students</td>
<td>MAMC, LHMC</td>
<td></td>
<td>2 weeks</td>
</tr>
<tr>
<td>MLT trainees</td>
<td></td>
<td></td>
<td>1 month</td>
</tr>
</tbody>
</table>

6. Conferences organized:
"Prostate Cancer in the 21st Century" – talk by Dr Aiman Haider
Single day conference on digitization in Pathology – talk by Dr Juan Rotamero May – 2019.
Annual meeting of Delhi chapter of IAPM – DAPCON – with MAMC – March 2019

7. Publications during the period:


8. Conferences/Workshops/Symposiums attended:
- DNACON 2nd Feb 2019
- Case presentation NPASICON 2019 Feb 15, PGI, Chandigarh
- Frozen Section Dilemma, APCON 2019, Dec 6, PGI Chandigarh
- Conferences of Delhi Chapter of IAPM

Dr Puja Sakhuja:
Dr V. Ramalingaswamy Oration” and Hepatopathology Meeting, August 7-8th 2019

10. Visitors:
Dr Aiman Haider - Clinical Fellow Uropathology and gynaecological pathology,
Institution: Department of cellular pathology, UCLH, London
Dr Juan Rotamero - practicing pathologist at Granada University Hospitals, Spain,

11. Significant Events (Honours to Faculty):

Invited Lectures:
Dr Puja Sakhuja
- Presented a talk on Fatty liver diseases at the Liver pathology International Update 2019, in Mumbai 3-5th October 2019
- Presented a talk on Metabolic liver disease: a pathologist’s perspective on November 23rd 2019 at the CME – Advances in Child Health at MAMC New Delhi
- Moderated a panel discussion on Fibrosis Regression at the 8th Ramalingaswami Oration” and Hepatopathology Meeting at ILBS on 7th August 2019.

Dr RK Saran
Upper GI and Lower GI endoscopic Biopsies interpretation- at Chattisgarh Annual conference of IAPM-Chhattisgarh Chapter, 17 Nov 2019, Bhilai

Dr Vineeta V Batra
- Pathology of Lupus nephritis at National Lupus Meet, Kolkata, 26th January 2019.
- Role if IIF in the interpretation of various patterns in ANA and ANCA. Rheumatology Update 2019 under the aegis of Delhi Rheumatology Association, 2nd February, 2019.
- Pathology of meningiomas under the aegis of Delhi Association of Neurological Sciences, 3rd February, 2019.

13. Representation on expert Committee/Bodies:
Dr Puja Sakhuja
- Member of the Asian Pacific Association for the Study of the Liver (APASL) working party for consensus recommendations on ACLF
- ICMR expert group on NAFLD
• Member Scientific Advisory Committee, National Institute of Pathology, Delhi.
• On editorial board of various journals including Hepatology International, Human Pathology Case reports, Indian Journal of Pathology and Microbiology.

Dr Ravindra K Saran:

15. Lab Data:

<table>
<thead>
<tr>
<th>Name of Test</th>
<th>Year 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total No. of Biopsies</td>
<td>13567</td>
</tr>
<tr>
<td>Immunohistochemistry</td>
<td>15744</td>
</tr>
<tr>
<td>Frozen sections</td>
<td>996</td>
</tr>
<tr>
<td>Enzyme histochemistry</td>
<td>2135</td>
</tr>
<tr>
<td>Immunofluorescence</td>
<td>5723</td>
</tr>
<tr>
<td>Total Hematology(complete Hemogram)</td>
<td>734985</td>
</tr>
<tr>
<td>Cytology</td>
<td>1597</td>
</tr>
<tr>
<td>Autoimmune markers</td>
<td>2526</td>
</tr>
<tr>
<td>Urine routine and special</td>
<td>20410</td>
</tr>
</tbody>
</table>

16. New Facilities added:
• Electron Microscope: received through DBT infrastructure development project in December installed and functional
• Three Post Graduate seats in Pathology created with approval of MCI

17. Any other worth mentioning
PSYCHIATRY
GIPMER

Name of the Head of the Department: Dr P S Biswas

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name of the faculty</th>
<th>Designation</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>Dr P S Biswas</td>
<td>Associate Professor &amp; HOD</td>
</tr>
<tr>
<td>2</td>
<td>Dr Arun Lata Agarwal</td>
<td>Director Professor</td>
</tr>
<tr>
<td>3</td>
<td>Dr S Jena</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>4</td>
<td>Dr Anurag Jhanjee</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>5</td>
<td>Dr Mahima Kapoor</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>6</td>
<td>Dr Aman Deep Goyal</td>
<td>Associate Professor</td>
</tr>
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</table>

2. Members who have left during the period: Nil

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name of the faculty</th>
<th>Reason for leaving the job</th>
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</thead>
<tbody>
<tr>
<td></td>
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</table>

3. Additions to the faculty during the period:

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name of the faculty</th>
<th>Whether newly joined / promotion</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>nil</td>
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</tbody>
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4. Research Scheme
(a) On going project:
“The study of Effect of modified electro-convulsive (MECT) treatment on the clinical profile of mentally ill persons in a tertiary care general hospital psychiatry unit (GHPU)”

(b) Details of thesis completed during the current year:

5. Trainees from other agencies:

<table>
<thead>
<tr>
<th>s. no.</th>
<th>Name of the trainees</th>
<th>sponsoring agency</th>
<th>Period of training</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Nursing, PG- DGM</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

6. Training course/conference/workshop organized: n.a.
A symposium on _____________ was held on ____ with Dr _________ in the chair / or ad convener.

7. Publications during the period:

a) Choudhuri AH, Ahuja B, Biswas PS, Uppal R. “Epidemiology of Multidrug Resistant Infections after Inter ICU Transfer in India”. Indian Journal of Critical Care Medicine, January 2019:23(1),1-6

(a) Dr _____ has contributed a chapter in the text book on _ edited by Dr. _ of publisher. Ed __ (year of publication)
(b) A text book of __ (for under-graduates) has been written by Dr. _ and published.

9. conference / workshops/symposiums attended:
A) By Dr. Mahima Malhotra, Assoc. Prof. to IHBAS symposium on certification for mental disability in December, 2018.

10. Visitors: NIL
a) Dr. ___ of ____ (country) visited the Deptt. and delivered a talk on ______ date

11. Significant events (Honours to faculty): NIL
All honors (at National/International level) received by faculty members to be mentioned at one place.
Dr. _____ has received award/ given oration chaired session/delivered guest lecture etc at ____ the month ______
12. **Fellowship:** NIL
   Fellowship was awarded by _____ and availed by __ of __ for __ month of __

13. **Representation of expert committee/ Bodies:** nil
   Dr.____ was nominated by the ___- (agency) as expert / advisor to __________

14. **Health Services to the community:** NIL.
   Health centre activities / camps / drives/ national programme etc.

15. **Lab data:** nil
   a) Name of the lab
   b) Name of the tested perform
   c) Percentage of growth compared to last year.

16. **New Facilities added:** child & adolescent psychiatry and Juvenile de-addiction special clinic- once a week each.

17. Any other worth mentioning information:
RADIODIAGNOSIS
GIPMER

FACULTY
Dr Sunil Kumar Puri         Dir-Professor and Head
Dr Satbir Singh              Dir-Professor
Dr Ashok Sharma              Dir-Professor
Dr Poonam Narang             Dir-Professor
Dr Kalpana Bansal           Assistant Professor

MEMBERS WHO HAVE LEFT DURING THE PERIOD
Dr Satbir Singh              Dir-Professor- Superannuated on 30.11.19

ADDITION TO THE FACULTY DURING THE PERIOD: Nil

PROMOTIONS: Nil

TRAINEES FROM OTHER AGENCIES
Six month internship training in various imaging modalities for four students from National Industrial Centre, GNCTD.

THESIS COMPLETED/ONGOING DURING THE YEAR:
- Role of Diffusion tensor imaging in pre-operative assessment of white matter tracts involvement by Brain tumors
  Dinesh Meher, Sunil Kumar Puri, Daljit Singh and Kalpana Bansal
- Imaging spectrum of Intestinal tuberculosis on 3T MR enterography
  Saumya Pandey, Sunil Kumar Puri, AS Puri and Kalpana Bansal
- Imaging spectrum of Congenital heart disease on 3Tesla Magnetic Resonance Imaging in pediatric patients.
  Priyanka Garg, Ashok Sharma, Saket Aggarwal and
- Comparison of Multidetector Computed Tomography, Magnetic Resonance Imaging and Echocardiography in patients with Mitral valvular heart disease
  Vidushi Gupta, Poonam Narang and Mohit Gupta
- Comparison of Diffusion tensor Imaging with clinical outcome in patients undergoing surgery for brain tumors
  Sumit, Daljit Singh, Sunil Kumar Puri and Hukum Singh
- Role of renal resistive index and biomarkers in evaluation of acute kidney injury in patients of cirrhosis
  Roshan George, Ajay Kumar, Ujjwal Sonika, Sunil Kumar Puri and Bhavana Mahajan
- Computed tomographic evaluation of Cholangiocarcinoma and its correlation with Endoscopic retrograde cholangiopancreatography
  Shalini Goel, Satbir Singh, Ashok Sharma and AS Puri
- Morphometric analysis of bony and vascular structures in CVJ anomaly
  Ritu Gaur, AK Srivastava, Anita Jaetia and Sunil K Puri
- A comparative study of the effects of a set of selected yoga postures and standard exercises on sagittal spinopelvic balance in patients of non-specific chronic low back pain
  Kailash Chand Meena, Manoj Kumar, Sunil K Puri and S Lakshmi Kandhan
- A comparative study of the effects of quadriceps muscle strengthening on the progression of disease in medial compartment osteoarthritis in knees with or without varus malalignment.
  Rahul Garg, Manoj Kumar, Sunil K Puri and Sumit Arora
- Assessment by Video Indocyanine Green Angiography during temporary clip placement in aneurysm surgery.
  Gautam Dutta, Anita Jaetia, AK Srivastava, Sunil Kumar Puri and Rajiv Chawla
- Estimation of age of a person from progression of sagittal suture ossification on assessment by CT scan.
  Rohit Goyal, Satbir Singh and Anil Agarwal
- Study of symphysis pubis distance in relation with age of an adult
  Manjunath, SK Khanna, Anil Agarwal and Satbir Singh
- Clinicopathological and Radiological analysis of posterior fossa tumors and treatment outcome.
  Vikrant Setia, AK Srivastava, Ashok K Sharma
• Intra-operative microsurgical anatomy of anterior cerebral, anterior communicating artery complex and recurrent artery of Heubner in anterior cerebral territory aneurysm.
  Atul Aggarwal, Sanjiv Sinha, Ashok K Sharma

• To correlate the improvement in Mitral regurgitation on stress echo in coronary artery disease patients with left ventricular dysfunction with residual mitral regurgitation after revascularization.
  Sandeep K Golcha, V Trehan, V Mehta, Sunil K Puri and Harpreet

PUBLICATION OF RESEARCH PAPERS IN INDEXED JOURNALS
• JC Virus-Related Progressive Multifocal Leuкоencephalopathy After Living Donor Liver Transplant: A Rare Case.

• Groove pancreatitis in a patient with agenesis of dorsal pancreas: A one of a kind association.
  Sonali Sehi, Sunil Kumar Puri
  Tropical Gastroenterology, Vol 40, No. 1, Jan-March 2019

CONFERENCE/WORKSHOP/SYMPOSIUM attended/Paper presentation
(National/International)
• Dr Sunil Kumar Puri attended Annual Conference of Indian Radiological and Imaging Association (IRIA) at Chandigarh, Jan 16-19, 2019
• Dr Ashok Sharma attended Annual Conference of Indian Radiological and Imaging Association (IRIA) at Chandigarh, Jan 16-19, 2019
  Dr Kalpana Bansal and Dr Sunil Kumar Puri attended Annual Conference of Delhi State Chapter of IRIA, Delhi Imaging Update held on 16-17th Feb 2019 at Maulana Azad Medical College, New Delhi.
• Dr Sunil Kumar Puri attended Annual Conference of Utrakhand chapter of IRIA at AIIMS, Rishikesh, 31 March 2019
• Dr Sunil Kumar Puri and Dr Kalpana Bansal attended 4th AIIMS-MAMC-PGI Imaging Series course on Advances in Imaging Technology held on the 5-6th April 2019, AIIMS, New Delhi.
• Dr Sunil Kumar Puri and Dr Kalpana Bansal attended Imaging Today: Update on Cardiac Imaging (CT & MRI) organized by Sir Ganga Ram Hospital on 31st August-1st September held at FICCI auditorium, New Delhi
• Dr Sunil Kumar Puri and Dr Kalpana Bansal attended 4th AIIMS - MAMC-PGI courseseries on Genito-urinary Imaging on 15 and 16th Nov 2019 at MAMC, New Delhi.
• Dr Kalpana Bansal attended Sono-summit conference at Chennai Trade Centre, Tamil Nadu in June 2019.
• Dr Kalpana Bansal attended, Ultrasound Vision, Conference on Recent advances in Ultrasound Imaging, at Radisson Blue Hotel, New Delhi in Dec 2019.

SCIENTIFIC PAPER PRESENTATIONS:
• Case series of portal vein aneurysm-rare incidental encounter
  Abhinav Singh and Sunil Kumar Puri
  Korean Conference of Radiology, June 2019, Seoul, South Korea

LECTURES TAKEN BY DR SUNIL K PURI
• Lecture on “PAIR in Hepatic Hydatid cysts” – Annual Conference of IRIA, Chandigarh, 19 Jan 2019
• Lecture on “Liver hydatid cysts – Drain or resect”, Annual Conference of Utrakhand chapter of IRIA, AIIMS, Rishikesh, 31st March 2019
• Lecture on “Chest radiograph in Congenital Heart Disease”, Cystic pancreatic masses” IRIA Resident Education Programme, LHMC, 24 August, 2019
• Lecture on “Percutaneous Alcohol ablation of Liver hydatid cysts – Truce with surgeons”, Annual Conference of Delhi State Chapter of IRIA, Delhi Imaging Update held on 16-17th Feb 2019 at Maulana Azad Medical College, New Delhi.

SESSIONS CHAIRMED BY DR SUNIL K PURI:
• Chaired a session on Head and Neck imaging in Annual Conference of Pediatric Radiology at AIIMS, NewDelhi, Sept 7, 2019
• Chaired a session as Judge for scientific presentations in Annual Conference of Pediatric Radiology at AIIMS, NewDelhi, Sept 7, 2019
• Chaired a session on Mediastinal Imaging and Interventions in a Symposium on Chest Surgery, AIIMS, New Delhi, September 27, 2019
• Chaired a session on “Role of Nuclear Imaging and Interventions in Genito-urinary system” in AIIMS-MAMC-PGI Imaging course series, 5th Course on Genitourinary Imaging, 15-16 Nov. MAM College, New Delhi
• Chaired a session on “Basic MRI sequences for Cardiac Imaging in a Symposium on Cardiac MRI at AIIMS, New Delhi, Oct 2019
• Judge for Scientific presentations in monthly meeting of IRIA, Delhi branch, MAM College, July 2019
• Chaired a session on Radiation Protection in 4th AIIMS-MAMC-PGI Imaging Series course on Advances in Imaging Technology held on the 5-6th April 2019 , AIIMS, New Delhi

LECTURES TAKEN BY DR KALPANA BANSAL:
• Lecture as faculty on “Ultrasound and color doppler in chronic liver diseases” in ultrasound workshop (CLUE) at Institute of liver and biliary sciences, Delhi in April 2019.
• Panelist in a session on ARDS in CCILBS conference held at ILBS, New Delhi in April 2019
• Lecture as faculty on “Barium Swallow” in one day CME organized by ENT Department at MAMC, New Delhi in June 2019.
• Lecture as Invited faculty on “Right lower quadrant imaging” in Sono-summit conference at Chennai Trade Centre, Tamil Nadu in June 2019.
• Invited as faculty to conduct a spotter session on neuroimaging and member of organizing team in IRIA Resident Education programme held at LHMC, New Delhi in Aug 2019.
• Lecture on “Reading of MRI brain with special sequences” in CME organized by Neurosurgery Department at GIPMER, NewDelhi, in Nov 2019.
• Lecture on “Cranial ultrasound in neonates” and conducted inaugural ceremony in Ultravision at Radisson Blue Hotel, New Delhi in Dec 2019.

REPRESENTATION ON EXPERT COMMITTEES/BODIES:
Dr Sunil Kumar Puri
• Member of Executive Committee, Society for Emergency Radiology
• Treasurer for Society of Image Guided Therapies (a forum for South Asian and Emerging third world countries)
• Specialty expert for Cardiac imaging for Indian Radiological and Imaging Association
• Member of Board of Studies for Pt BD Sharma University of Health Sciences, Rohtak
• Member of Board of Studies for SGPGI, Lucknow
• Examiner for practical examination of Radiodiagnosis , National Board of Examinations.
• Examiner for MD Radiodiagnosis , Postdoctoral Doctoral Diploma,/Fellowshipsand PhD for various universities.
• Reviewer for Journal –
  - Journal of Cardiovascular and Interventional Radiology (CVIR), Official
  - Journal of European Society of Cardiovascular and Interventional Radiology
  - European Radiology, Journal of European Society of Radiology
  - Indian Journal of Radiology and Imaging
  - Journal of Clinical and Diagnostic Research
• MCI inspector for assessing physical facilities for starting /increasing MD seats in Radiodiagnosis.
• Designated as Inspector by National Board of Examinations for accreditation of institutes to start DNB course in Radiodiagnosis
• Member of Maulana Azad Medical College Society for Promotion of Medical Research
• Member of expert committee for selection of Professors/Assistant Professors in Radiology for : PGIMER, Chandigarh, AIIMS, Bhatinda, Institute of Liver and Biliary Sciences, New Delhi, Pt BD SharmaUniversity of Health Sciences, Rohtak, All India Institute of Medical Sciences New Delhi, KGMC and RML Hospital, Lucknow, , SGPGI Lucknow, RGSSH, New Delhi
• Technical expert for purchase of equipment and other material for:Institute of Liver and Biliary Sciences (ILBS),Rajiv Gandhi Superspeciality Hospital, Tahirpur, All India Institute of Medical Sciences, AIIMS and AIIMS Trauma Centre,DGHS Ministry of Health and Family Welfare,Gov. of India, SGPGI Lucknow and Banaras Hindu University, Varanasi, CPA, GNCTD
• Member of Election Committee of IRIA, Delhi branch
• Technical expert for Delhi Medical Council (DMC)
• Chairman of Hospital Computerization Committee
Dr Satbir Singh
- Member of State advisory board for the Pre-conception and Pre-natal technique act 1994 constituted by the Lt Governor
- MCI inspector for assessing physical facilities for starting MBBS course, starting/increasing seats in MD Radiodiagnosis and assessing standard of MD examinations
- Examiner for MD Radiodiagnosis/ DMRD at various universities.

Dr Ashok Sharma
- Expert for MCI, DNB and UGC
- Chairman, Academic Council, GIPMER
- Chairman, Purchase Committee, GIPMER
- Chairman Telemedicine, GIPMER
- Examiner for MD Radiodiagnosis/ DMRD at various universities

Dr Poonam Narang
- Member of Committee on Clinical Establishment Act, MOHFW
- Nodal Officer for PCNDT act, GIPMER
- Chairman, PWD committee, GIPMER
- Library Incharge, GIPMER

Dr Kalpana Bansal
- Executive member of IRIA, Delhi branch
- Member organizing committee, ULTRAVISION 2019 in Dec 2019 at Radisson Blue hotel New Delhi
- Member organizing committee, IRIA Resident education programme in Aug 2019 at LHMC, New Delhi
- Radiation Safety In charge for the department

HEALTH SERVICE TO THE COMMUNITY
Staff members of the department regularly take part in Pulse Polio Program.

LAB DATA

<table>
<thead>
<tr>
<th>Investigation/Procedure</th>
<th>2018</th>
<th>2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total routine x-rays and in bed cases</td>
<td>61481</td>
<td>69651</td>
</tr>
<tr>
<td>Special x-ray investigations</td>
<td>2196</td>
<td>1869</td>
</tr>
<tr>
<td>Routine US cases</td>
<td>21474</td>
<td>20190</td>
</tr>
<tr>
<td>Color-Doppler cases</td>
<td>7970</td>
<td>7966</td>
</tr>
<tr>
<td>CT scan</td>
<td>34490</td>
<td>33404</td>
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<tr>
<td>MRI</td>
<td>-</td>
<td>692</td>
</tr>
<tr>
<td>US/CT guided FNAC’s /drainage</td>
<td>405</td>
<td>691</td>
</tr>
<tr>
<td>US/CT guided catheter drainage procedures</td>
<td>263</td>
<td>265</td>
</tr>
<tr>
<td>Percutaneous biliary drainage /stents</td>
<td>149</td>
<td>79</td>
</tr>
<tr>
<td>Hydatid cyst PAIR</td>
<td>02</td>
<td>01</td>
</tr>
<tr>
<td>Radio frequency ablation</td>
<td>01</td>
<td>-</td>
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</tbody>
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NEW FACILITY ADDED

A latest state of the art 3T MRI machine was installed in the department in November 2019

ANY OTHER INFORMATION

MD (Radiodiagnosis) course was started in the department from the academic session 2019-20 with MCI sanction of an annual intake of 04 students.
C. MAULANA AZAD INSTITUTE OF DENTAL SCIENCES
NEW DELHI

Name of the Department: Maulana Azad Institute of Dental Sciences, New Delhi

- Name of the Head of the Department: Director - Prof. Mahesh Verma

<table>
<thead>
<tr>
<th>Sl No.</th>
<th>Name of the faculty</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Dr. Mahesh Verma</td>
<td>Director – Principal</td>
</tr>
<tr>
<td>2.</td>
<td>Dr. Sangeeta Talwar</td>
<td>Professor &amp; Head</td>
</tr>
<tr>
<td>3.</td>
<td>Dr. Tulika Tripathi</td>
<td>Professor &amp; Head</td>
</tr>
<tr>
<td>4.</td>
<td>Dr. Arundeep Kaur</td>
<td>Professor &amp; Head</td>
</tr>
<tr>
<td>5.</td>
<td>Dr. Sunita Gupta</td>
<td>Professor &amp; Head</td>
</tr>
<tr>
<td>6.</td>
<td>Dr. Seema Yadav</td>
<td>Professor &amp; Head</td>
</tr>
<tr>
<td>7.</td>
<td>Dr. Sujata Mohanty</td>
<td>Professor &amp; Head</td>
</tr>
<tr>
<td>8.</td>
<td>Dr. Priyank Rai</td>
<td>Professor &amp; Head</td>
</tr>
<tr>
<td>9.</td>
<td>Dr. Aadithya B Urs</td>
<td>Professor &amp; Head</td>
</tr>
<tr>
<td>10.</td>
<td>Dr. Mridula Goswami</td>
<td>Professor &amp; Head</td>
</tr>
<tr>
<td>11.</td>
<td>Dr. Vikrant Ranjan Mohanty</td>
<td>Associate Professor &amp; Head</td>
</tr>
<tr>
<td>12.</td>
<td>Dr. Sadhna Mate</td>
<td>Demonstrator</td>
</tr>
<tr>
<td>13.</td>
<td>Dr. Anuradha Bali</td>
<td>Demonstrator</td>
</tr>
<tr>
<td>14.</td>
<td>Dr. Meera Chaudhary</td>
<td>Demonstrator</td>
</tr>
<tr>
<td>15.</td>
<td>Dr. Anup B. Kanse</td>
<td>Professor</td>
</tr>
<tr>
<td>16.</td>
<td>Dr. Priyank Rai</td>
<td>Professor</td>
</tr>
<tr>
<td>17.</td>
<td>Dr. Gita Mehrotra</td>
<td>Consultant</td>
</tr>
<tr>
<td>18.</td>
<td>Dr. Gyanendra Kumar</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>19.</td>
<td>Dr. Rekha Gupta</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>20.</td>
<td>Dr. Farukh Faraz</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>21.</td>
<td>Dr. Shubhra Gill</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>22.</td>
<td>Dr. Sarika Chaudhary</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>23.</td>
<td>Dr. Zainab Chaudhary</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>24.</td>
<td>Dr. Shruti Tandon</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>25.</td>
<td>Dr. Pankaj Sharma</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>26.</td>
<td>Dr. Sujoy Ghosh</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>27.</td>
<td>Dr. Priya Kumar</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>28.</td>
<td>Dr. J. Augustine</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>29.</td>
<td>Dr. Ruchika Roongta Nawal</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>30.</td>
<td>Dr. Aswini Y Balappanavar</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>31.</td>
<td>Dr. Jatinder Kaur</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>32.</td>
<td>Dr. Rohit Chopra</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>33.</td>
<td>Dr. Monica Kelkar</td>
<td>Civil Assistant Surgeon</td>
</tr>
<tr>
<td>34.</td>
<td>Dr. Deepmala Maurya</td>
<td>Demonstrator</td>
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<tr>
<td>35.</td>
<td>Dr. Anshum Gupta</td>
<td>Demonstrator</td>
</tr>
<tr>
<td>36.</td>
<td>Dr. Nidhi Saini</td>
<td>Demonstrator</td>
</tr>
<tr>
<td>37.</td>
<td>Dr. Upma Narang</td>
<td>Civil Assistant Surgeon</td>
</tr>
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Members who have left during the period:

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Name of the Faculty</th>
<th>Designation</th>
<th>Reason for leaving the job</th>
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</thead>
<tbody>
<tr>
<td>1.</td>
<td>Dr. Mahesh Verma</td>
<td>Director - Principal</td>
<td>Appointed as Vice chancellor of Guru Gobind Singh Indraprastha University</td>
</tr>
<tr>
<td>2.</td>
<td>Dr. Jatinder Kaur</td>
<td>Associate Professor</td>
<td>Residency in Pediatric Dentistry</td>
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Additions to the Faculty during the period: None

<table>
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<tr>
<th>S.No.</th>
<th>Name of the Faculty</th>
<th>Designation</th>
<th>Whether newly joined /promotion</th>
</tr>
</thead>
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Research Scheme

On going project

- New Millennium Indian Technology Leadership Initiative (NMITLI) Dental Implant Project. **Investigators:** Dr. Mahesh Verma, Dr. Naresh Bhatnagar, Dr. Farrukh Farraz, Dr. Abhinav Sood, Dr. Smiti Bharadwaj.
- Design And Development Of Indigenous Instrument Retrieval Equipment For Removal Of Broken/ Separated Files During Endodontic Therapy. **Investigators:** Dr Sangeeta Talwar, Dr Ruchika Roongta Nawal, Dr. Mahesh Verma, Prof.(Dr.) Rajiv Kapoor (Principal, Dept Of Electronics And Communication Engineering, AIACTR, Dr. Amit Malhotra)
- Assessment of Bio-chemical markers and their comparative evaluation with skeletal growth maturity indicators. **Investigators:** Dr. Tulika Tripathi, Dr. Priyank Rai, Dr. Mahesh Verma, Dr. Vinod Kumar Gupta
- DHR Project on Evaluation Of Dimensional Changes In The Alveolar Ridge Following Tooth Extraction With Or Without Using Indigenously Prepared Calcified Freeze Dried Bone Allograft – A Clinical Study. **Investigator:** Dr. Farrukh Faraz
- The impact of endodontic microscope on the outcome of root canal treatment of deciduous molar. **Investigator:** Dr. Gyanendra Kumar.
- Pit and Fissure sealant Project under National Oral Health Program. **Investigators:** Dr. Mahesh Verma, Dr. Vikrant Mohanta, Dr. Aswini Y B
- A Comparative Evaluation of Occlusal Splint, Transcutaneous Electric Nerve Stimulation (TENS) and Low Level Laser Therapy (LLLT) in Myofacial Pain Dysfunction Syndrome (MPDS) Patients Using Electromyography (EMG), Visual Analogue Scale (VAS) And Behavioral Rating Scale. **Investigators:** Dr. Mahesh Verma, Dr. Harsimran
- Comparative evaluation of effectiveness of ultrasonics vs instrument retrieval kit in removal of broken endodontic instruments and fracture resistance of these teeth after rehabilitation using two different techniques. **Investigators:** Prof. (Dr) Sangeeta Talwar, Prof. (Dr) Mahesh Verma, Dr. Preeti Jain
- Design and Development of novel instrument retrieval equipment for removal of separated instruments during endodontic therapy. **Investigators:** Dr. Sangeeta Talwar, Dr. Ruchika Roongta Nawal, Dr. Mahesh Verma, Dr. Amit Malhotra
- Evaluation of Interleukin – 8 And TNF - Alpha In Healthy And Inflamed Human Dental Pulp Tissue. **Investigators:** Dr Sangeeta Talwar, Dr B. C. Koner, Dr Ruchika Roongta Nawal, Dr. Mahesh Verma, Dr. Aishvarya Kaushik
- Evaluation Of Botanical Stem Cell Extract As A Prospective Facilitator In Regenerative Endodontics Via Amplification/Up Regulation Of Dp scs And Scap. **Investigators:** Dr Sangeeta Talwar, Dr Ruchika Roongta Nawal, Dr. Mahesh Verma, Dr. Amit Malhotra
- Evaluation of closure of Large alveolar defects by vector controlled transport distractor in Cleft Lip and Palate patients. **Investigators:** Dr. Tulika Tripathi, Dr. Mahesh Verma, Dr. Navneet Singh
- Evaluation of psychosocial, morphological and functional benefits of nasoalveolar molding in infants born with cleft lip and palate. **Investigators:** Dr. Tulika Tripathi, Dr. Mahesh Verma, Dr. Neha
- Association of serum vitamin D levels and vitamin D receptor gene polymorphism with external apical root resorption in orthodontic patients. **Investigators:** Dr. Tulika Tripathi, Dr. Mahesh Verma, Dr. Shilpa Kalra
- PRF combined with 1.2% Atorvastatin for the treatment of Infrabony defects in Chronic Periodontitis: A Clinical Study. **Investigators:** Dr. Mahesh Verma, Dr. Arundeep Kaur, Dr. Kamal Aggarwal
- A prospective case control study to evaluate post extraction bleeding risk in patients on single anticoagulant or antiplatelet therapy and patients on combination (anticoagulant & antiplatelet) therapy. **Investigators:** Dr. Anshul, Dr. Sujata Mohanty, Dr. Mahesh Verma
- Assessment of Effect of Low-intensity pulsed ultrasound in case of bilateral mandibular fracture a prospective clinical study. **Investigators:** Dr. Sujata Mohanty, Dr. Mahesh Verma, Dr. Chandravir Singh
• Correlation between Clinical Symptoms, MRI Findings, and Synovial Fluid Levels of TNF-α and Matrix Metalloproteinase in Patients with Temporomandibular Joint Internal Derangement. Investigators: Prof. (Dr.) Mahesh Verma, Prof. (Dr.) Sunita Gupta, Prof. (Dr.) Sujata Mohanty, Dr. Bhawna Mahajan, Dr. Khushboo Singh.

• To study the role of systemic and topical oil and water based antioxidants in the management of Oral Submucous Fibrosis. Investigators: Prof. (Dr.) Mahesh Verma, Prof. (Dr.) Sunita Gupta, Dr. Shriya Khera.

• Comparative evaluation of efficacy of topical clobetasol propionate 0.05 %, nano-bio fusion gel and curcumin in the management of oral lichen planus. Investigators: Prof. (Dr.) Mahesh Verma, Prof. (Dr.) Sunita Gupta, Dr. Priyanka Verma.

• Clinical evaluation of the efficiency of low-level laser therapy for oral lichen planus. Investigators: Prof. (Dr.) Mahesh Verma, Prof. (Dr.) Sunita Gupta, Dr. Prerna Piyush.

• Evaluation of sleep disturbances anxiety and depression in patients with oral lichen planus: a case control study. Investigators: (Dr.) Mahesh Verma, Prof. (Dr.) Sunita Gupta, Dr. Anshul Mahajan.

• Changes in the Position of Hyoid Bone following Mandibular Distraction Osteogenesis. Investigators: Dr. Sujata Mohanty, Dr. Mahesh Verma, Dr. Zainab Chaudhary, Dr. Pankaj Sharma, Dr. Sanchaita Kohli.

• Clinical, CBCT Based Radiographic assessment and Biomechanical analysis Of Immature Permanent Teeth Treated with Different Regenerative Protocols: A multi arm Randomized Controlled Trial. Investigators: Dr. Sangeeta Talwar, Dr. Ruchika Roongta Nawal, Dr. Sudha Yadav.

• Assessment of salivary Insulin like growth factor-1 and Bone alkaline phosphatase levels with twin block therapy: an observational study. Investigators: Dr. Tulika Tripathi, Dr. Navneet Singh

Details of Thesis completed in current year

<table>
<thead>
<tr>
<th>Sl no.</th>
<th>Name</th>
<th>Year</th>
<th>Topic</th>
<th>Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dr. Girish Bhatt</td>
<td>2017-2020</td>
<td>Correlation of clinical stage &amp; expression of ALDH1, ALK1 &amp; CALR with response to treatment in OSMF &amp; OLP.</td>
<td>Oral Medicine and Radiology</td>
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<tr>
<td>2</td>
<td>Dr. Vijender Kumar</td>
<td>2017-2020</td>
<td>To evaluate diagnostic value of attenuation coefficient in contrast Vs Non contrast CT and expression of Fra-1,c-Fos and TRAF-6 in odontogenic tumors and cysts.</td>
<td>Oral Medicine and Radiology</td>
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<td>4</td>
<td>Bagisha Kathuria</td>
<td>2017-2020</td>
<td>Comparison of the diagnostic accuracy of clinical examination, ultrasound and contrast enhanced CT with reference to histopathology of resected tissues for the detection of cervical lymph node metastasis in patients with oral squamous cell carcinoma</td>
<td>Oral and Maxillofacial Surgery</td>
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<td>5</td>
<td>Dr. Mamta Kumari</td>
<td>2017-2020</td>
<td>Comparative study of fit and patient’s satisfaction with cast partial denture fabricated with conventional casting and selective laser sintering method- An in vivo study.</td>
<td>Prosthodontics</td>
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<tr>
<td>6</td>
<td>Dr. Amala Nancy</td>
<td>2017-2020</td>
<td>Comparative evaluation of ISQ values and peri-implant radiographic bone changes between standard vs short implants in a split mouth study design.</td>
<td>Prosthodontics</td>
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<tr>
<td>7</td>
<td>Dr. Sumit Dinker</td>
<td>2017-2020</td>
<td>Comparison Of Post-Operative Pain And Healing After Endodontic Therapy Using Xp Endo Finisher And Endoactivator Irrigant Activation Systems – An In Vivo Exploratory Study</td>
<td>Conservative Dentistry &amp; Endodontics</td>
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<td>8</td>
<td>Dr. Rega K</td>
<td>2017-2020</td>
<td>Synthesis And Evaluation Of Properties Of Restorative Dental Composites Reinforced With</td>
<td>Conservative Dentistry &amp;</td>
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Nanosphere And Nanotube Hydroxyapatite –An In Vitro Study

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<th>No.</th>
<th>Name of Trainees</th>
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<th>Period of Training</th>
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<tr>
<td>9</td>
<td>Dr Nida Nayyer</td>
<td>Endodontics</td>
<td>2017-2020</td>
</tr>
<tr>
<td></td>
<td>Effect of low level laser therapy on external root resorption during orthodontic tooth movement – A randomized control trial</td>
<td>Orthodontics &amp; Dentofacial Orthopaedics</td>
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<td>10</td>
<td>Dr Nikshi Kamble</td>
<td>Endodontics</td>
<td>2017-2020</td>
</tr>
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<td></td>
<td>Evaluation of long term changes following twin block treatment in Class II Div 1 Malocclusion patients- A cephalometric study</td>
<td>Orthodontics &amp; Dentofacial Orthopaedics</td>
<td></td>
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<tr>
<td>11</td>
<td>Dr. Sadhna Sharma</td>
<td>Pedodontics</td>
<td>2017-2020</td>
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<tr>
<td></td>
<td>Assessment of Oral Health Status of Children with Leukemia</td>
<td>Pedodontics</td>
<td></td>
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<td>12</td>
<td>Dr. Ramanand Vignesh</td>
<td>Pedodontics</td>
<td>2017-2020</td>
</tr>
<tr>
<td></td>
<td>Clinical and radiographic evaluation of pulpotomy using MTA, Biodentine and Er.Cr:YSGG laser in primary teeth – a clinical study</td>
<td>Pedodontics</td>
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<td>13</td>
<td>Mahima</td>
<td>Periodontics</td>
<td>2017-2020</td>
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<td></td>
<td>Comparison of coronally advanced flap with and without air dried amniotic membrane in the treatment of localized gingival recession</td>
<td>Periodontics</td>
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<td>14</td>
<td>Dalima</td>
<td>Periodontics</td>
<td>2017-2020</td>
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<td></td>
<td>Clinical evaluation of indigenously prepared DFDBA in the surgical management of periodontal osseous defect</td>
<td>Periodontics</td>
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<tr>
<td>15</td>
<td>Dr. Anshul Bharti</td>
<td>Oral Pathology</td>
<td>2017-2020</td>
</tr>
<tr>
<td></td>
<td>Assessment Of HIF-1α and LOXL-2 Expression in Oral Squamous Cell Carcinoma- An Immunohistochemical Study.</td>
<td>Oral Pathology</td>
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<tr>
<td>16</td>
<td>Dr. Azhar Ahmed Khan</td>
<td>Oral Pathology</td>
<td>2017-2020</td>
</tr>
<tr>
<td></td>
<td>Comparative Evaluation Of DNA Isolation From Extracted Teeth Under Different Environmental Conditions By Two Methods For Forensic Analysis</td>
<td>Oral Pathology</td>
<td></td>
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<tr>
<td>17</td>
<td>Dr. Vedha V.P.K</td>
<td>Public Health Dentistry</td>
<td>2017-2020</td>
</tr>
<tr>
<td></td>
<td>Effectiveness of different parenting interventions on oral hygiene of cerebral palsy children: A randomized controlled trial</td>
<td>Public Health Dentistry</td>
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Trainees from other agencies:

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<tr>
<th>S.No.</th>
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<th>Sponsoring agency</th>
<th>Period of Training</th>
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<tbody>
<tr>
<td>1</td>
<td>School Health Scheme Officials</td>
<td>DGHS &amp; MAIDS</td>
<td>1 day (11th October 2019)</td>
</tr>
<tr>
<td>2</td>
<td>Dentists from IAFO</td>
<td>IAFO</td>
<td>3 days (1-3rd April 2019)</td>
</tr>
</tbody>
</table>

Training course/Conferences/Workshops organized:

- A lecture on “Diagnosis of Bone Lesions using CBCT” was held on 25th January 2019.
- An International conference of 5th GLOBAL AAID (American Academy of Implant Dentistry)
- CONFERENCE 2019 & 1st Hard & Soft Tissue Symposium was held on 1-3rd March 2019, Delhi.
- A workshop on “School Oral Health treating Healthy smiles for future” was held on 11th October 2019.
- A Continuing Dental Education on “Artificial Intelligence enter into future” was held on 24th October 2019.
- A workshop on “Live Operative Workshop on Orthognathic Surgery” was held on 5th November 2019.
- A workshop on “Ethics in Biomedical Research and Good Clinical Practise” was held on 6th November 2019.
- A national conference of “17th National Conference of Indian Association of Forensic Odontology” was held on 20-22nd September 2019.
- A national conference of “27th IES National Conference” was held on 21-23rd December 2019.
- A lecture on “IDA & Oral B “Modern Day approaches to Oral Hygiene” by Dr. Aswini was held on 3rd September 2019.
- A guest lecture on “Portable Dentistry Lasers in endodontics” by Dr. Adam Stabholz” was held on 28th February 2019.
- A guest lecture and hands on “Layering Technique (3M Company)” by Dr Nidhi Suri kohli was held on 06th May 2019.
- A national specialty post graduate convention of “13th IAPHD National PG Convention (Indian Association of PHD)” was held on 13 – 14th June, 2019.
- A Continuing Dental Education on “Endodontics or Implants ; A decision Guide” by Dr. Prashant Verma was held on 30th November 2019.
• A preconference course on “Click like Kadel” ; attended course on dental photography” by Dr. Kadel was held on 20th December, 2019.
• A Pre conference course “Skeletal Anchorage devices – Taming the Technique” at 23rd IOS PG Convention was held on 21st – 24th February, 2019.
• A Pre Conference Course “Myofunctional Appliances: Enhancing the skills at North Zonal PG Convention was held on 27th September, 2019.
• A guest lecture on IDA & Oral B “Modern Day approaches to Oral Hygiene” at MAIDS was held on 3rd September 2019.
• Pre convention workshop on “ Operational Research” by UNION at MAIDS was held on 13th June 2019.
• Preconvention workshop on “ Hands on Tobacco Cessation ” by NDDTC at MAIDS was held on on 13th June 2019.
• Preconvention workshop on “ Program Planning and Health Systems Evaluation” by PHFI at MAIDS was held on 13th June 2019.
• Workshop on Aanitragging by Dr. S K Kataria, Executive member, Dental Council of India was held on 26th September 2019.
• Workshop on “BLS training” was held on 3rd May 2019.

Publications during the period:


• Kapoor S, Mohanty V, BalapanavarAY. Tobacco use: Exploring the beliefs of Street Food Vendors in Delhi, India. J Indian Assoc Public Health Dent 2019;17:14-18.
• Garima Rawat, Aadithya B Urs, Priya Kumar, Anita Chakravarti. DNA damage in buccal cells in oral PMDs and malignant disorders by comet assay: a comparison with blood leukocytes. Brazilian Journal of Oral Science Volume 18 2019 e191430
• Garima Rawat, Aadithya B Urs, Priya Kumar, Anita Chakravarti. DNA damage in buccal cells in oral PMDs and malignant disorders by comet assay: a comparison with blood leukocytes. Brazilian Journal of Oral Science Volume 18 2019 e191430

Books/ Chapters /Contributed:
Conferences/Workshops/Symposiums attended:

- National BDS Students Convention in Oral Medicine & Radiology at KD Dental College and Hospital, Mathura on 9th February, 2019 was attended by Dr. Sunita Gupta.
- Workshop on Haemophilia Management: Setting a Direction at India International Centre, Max Mueller Marg, Delhi on 23rd Feb 2019 was attended by Dr. Sunita Gupta.
- Global American Academy of Implant Dentistry and 1st Asian Hard and Soft tissue Symposium
- Leela Ambience Convention Hotel, Delhi on 1st-3rd March 2019 was attended by all faculty.
- Guest Lecture on Diagnosis of Bone Lesions using CBCT at MAIDS on 25th January 2019 was attended by all faculty.
- International conference on International Oral Pre-Cancer & Cancer Congress: Biomarkers and Technologies in treatment at KGMU, Lucknow on 4-6th April 2019 was attended by Dr. Sunita Gupta & Dr. Zainab Chaudhary.
- International conference on IADR/CADR/AADR General Session 2019 at Vancouver, Canada on 18th-22nd June 2019 was attended by Dr. Sunita Gupta.
- Workshop on School Oral Health treating Healthy smiles for future at MAIDS on 25th January 2019 was attended by all faculty.
- CDE on Artificial Intelligence enter into future at MAIDS on 24th October 2019 was attended by all faculty.
- Workshop on Live Operative Workshop on Orthognathic Surgery at MAIDS on 5th November 2019 was attended by all faculty.
- Workshop on Ethics in Biomedical Research and Good Clinical Practise at MAIDS on 6th November 2019 was attended by all faculty.
- XXXI National IAOMR Conference at IAOMR/Amritsar on 15-17th November 2019 was attended by Dr. Sunita Gupta, Dr. Sujoy, Dr. Meera, Dr. Priyanka, & Dr. Shriya.
- 27th IES National Conference at Hotel Lalit, New Delhi on 21st December 2019 was attended by all faculty.
- 17th National triple O Symposium at Nair Hospital Dental College, Mumbai on 15th-17th March 2019 was attended by Dr. Sujoy Ghosh.
- 17th National Conference of Indian Association of Forensic Odontology at MAIDS on 20-22nd September 2019 was attended by all faculty.
- Conference on Addressing Challenges and solution towards Sustainable Human Health at Royal Plaza, Delhi on 13th February, 2019 was attended by Dr. Meera Choudhary & Dr. Monika Kelkar.
- Workshop on Healthcare Waste Management, Environment and Occupational Safety at Indian Habitat Centre on 25-26th April 2019 was attended by Dr. Meera Choudhary & Dr. Monika Kelkar.
- Conference on New India: Aspiring 5$ Trillion Economy at Vigyan Bhawan, Delhi on 28th December 2019 was attended by Dr. Meera Choudhary & Dr. Monika Kelkar.
- Conference on Advances in Orthognathic Surgery at AIIMS, New Delhi on 19-20th July, 2019 was attended by Dr. Sujata Mohanty & Dr. Pankaj Sharma.
- Conference on Advances in Management of Facial Trauma at AIIMS, New Delhi on 23-24th August, 2019 was attended by Dr. Sujata Mohanty & Dr. Itrat Hussain.
- 44th Annual Conference of Association of Oral and Maxillofacial Surgeons of India (AOMSI) at Bengaluru, Karnataka on 16-19th November, 2019 was attended by Dr. Sujata Mohanty & Dr. Zainab Chaudhary.
- CDE Program on Viral Hepatitis in Dentistry at ILBS, Vasant Kunj, Delhi on 21st November 2019 was attended by Dr. Pankaj Sharma, Dr. Shruti Tandon, Dr. Archita.
- Workshop on Newer Trends in Oral Health Rehabilitation. Zygomatic Implants: From Concept to Surgery at Safdarjung Hospital, New Delhi on 5th January 2019 was attended by Dr. Sanchaita Kohli.
- Conference on Zygomatic Implant “All on Four” at Subharti Dental College, Meerut on 18-19th September, 2019 was attended by Dr. Itrat Hussain.
- 3rd International Conference of Cortical Implantology at KGMC, Lucknow on 22nd-24th July, 2018 was attended by Dr. Vaibhav Anand.
- DEN ASIA Conference at Jaipur on 11th January 2019 was attended by Dr. Mahesh Verma.
- Indian Dental Association Conference at Indore on 19th January 2019 was attended by Dr. Mahesh Verma.
- Panel Discussion on “Harm Reduction” at India Habitat Centre, New Delhi by Heart Care Foundation of India was attended by Dr. Mahesh Verma.
• 21st Indian Prosthodontic Society (IPS) National PG Convention organized by Indian Prosthodontic Society (IPS) at Narshinhbhai Patel Dental College & Hospital, Visnagar, Gujarat, India on 5 -7th, April 2019 was attended by D. Mahesh Verma, Dr.Rekha Gupta, Dr.Shubhra Gill & Dr. ModhupaGhosh.
• NABH Assessors workshop on Dental Health Care Service Providers Accreditation Standards was attended by Dr.Sadhana Mate.
• PG Certificate course in Quality Management and Accreditation of Health Care Organization was attended by Dr.Sadhana Mate.
• Workshop on “Newer trends in oral health rehabilitation: Zygomatic Implants- from concept to surgery” at Safdarjung Hospital on January 2019 was attended by Dr.Rekha Gupta, Dr.Shubhra Gill & Dr. ModhupaGhosh.
• 47th IPS National Conference at Raipur on 28th Nov to 1st Dec 2019 was attended by Dr.Rekha Gupta & Dr.Shubhra Gill.
• Lecture on Lasers in endodontics by Dr. Adam Stabholz at MAIDS New Delhi on 28th February 2019 was attended by all faculty.
• Workshop on Dental Fluorosis – Cosmetic Problems And Remedial Measures at Directorate Of Health Services, New Delhi on 7th March 2019 was attended by Dr. Ruchika Roongta Nawal.
• 20th IACDE-IES PG Convention 2019 at Panchkula, Chandigarh on 8 – 9th March 2019 was attended by Dr. Sangeeta Talwar & Dr. Ruchika Roongta Nawal.
• Hands on Workshop on Possibilities and Limitations Of the Modern Endodontics” by Dr. Filippo Santarcangelo at Hotel The Lalit, New Delhi on 13th April 2019 was attended by Dr. Sangeeta Talwar & Dr. Ruchika Roongta Nawal.
• 20th Scientific Congress of Asian Pacific Endodontic Confederation & 14th International Congress of Turkish Endodontic Society at Istanbul, Turkey on 24th – 27th April 2019 was attended by Dr. Sangeeta Talwar.
• Hands on Workshop on “A Master Class on Modern Aesthetic Dentistry” by Dr. Mario Besek at Hotel The Lalit, New Delhi on 25th April 2019 was attended by Dr. Ruchika Roongta Nawal.
• Hands on and Lecture on Layering Technique (3M Company) by Dr. Nidhi Suri Kohli at MAIDS on 6th May 2019 was attended by all faculty.
• 13th IAPHD National PG Convention (Indian Association of PHD) at MAIDS, New Delhi on 13th – 14th June, 2019 was attended by all faculty.
• IACDE 2nd North Zone Conference, 2019 at KGMU, LUCKNOW on 26-27th August, 2019 was attended by Dr. Sangeeta Talwar.
• Workshop of MCQ Question Bank in Dental Science at NBE Office, Dwarka, New Delhi on 22nd July 2019 was attended by Dr. Sangeeta Talwar & Dr. Ruchika Roongta Nawal.
• Workshop on Basic Life Support/ Advanced Cardiac Life Support Course at Swarn Jayanti Auditorium, Lady Harding Medical College, New Delhi on 12th-14th October, 2019 was attended by Dr. Pankaj Prasad & Dr. Mohit Galani.
• 32nd ISDR National Conference at Narayani Heights, Ahmedabad on15-17th Nov 2019 was attended by Dr. Seema Yadav & Dr. Mridula Goswam.
• A Lecture Series on Dentistry: The Destination Ahead at Dr. M.A. Ansari Auditorium, Jamia Milia Islamia, New Delhi on 25th November 2019 was attended by Dr. Sangeeta Talwar & Dr. Ruchika Roongta Nawal.
• 34th IACDE National Conference at CIDCO Exhibition center Mumbai on 29 Nov - 01 Dec 2019 was attended by Dr. Seema Yadav.
• Preconference course on Click like Kadel” ; attended course on dental photography at MAIDS, New Delhi on 20 December, 2019 was attended by Dr. Sangeeta Talwar, Dr. Ruchika Roongta Nawal & Dr. Vikrant Mohanty.
• 2nd IACDE Central zonal conference at Raipur, M.P. on 4th August 2019 was attended by Dr. Ruchika Roongta Nawal.
• Training workshop on IACDE Faculty development program at Vishakhapatnam on 7th July 2019 was attended by Dr. Ruchika Roongta Nawal.
• 23rd IOS PG Convention at ITS, Greater Noida on 21st – 24th Feb, 2019 was attended by Dr. Tulika Tripathi, Dr. Priyank Rai, Dr Anup Kanase, Dr Neha, Dr Navneet Singh, Dr Shilpa Kalra, Dr Ram Gopal & Dr Gayatri Ganesh.
• North Zonal PG Convention at Jamia Milia Islamia, New Delhi on 27th - 29th September, 2019 was attended by Dr Tulika Tripathi, Dr Priyank Rai, Dr Anup Kanase, Dr Shilpa Kalra, Dr Ram Gopal & Dr Gayatri Ganesh.
• National Training Program in Cleft and Craniofacial Orthodontics at AIIMS, New Delhi on 19th-21st August, 2019 was attended by Dr. Neha.
• 54th Indian Orthodontic Conference at SOA Auditorium, Bhubaneshwar on 22nd -24th November,2019 was attended by Dr Tulika Tripathi, Dr Priyank Rai, Dr Anup Kanase, Dr Neha & Dr Gayatri Ganesh.

• CDE programme on Research Methodology symposium cum Workshop at MAMC, New Delhi on 14th Dec,2019 was attended by Dr Tulika Tripathi, Dr Priyank Rai, Dr Neha &Dr Navneet Singh.

• 2nd Biennial Conference of “South Asian Association of Pediatric Dentistry at Kathmandu, Nepal on April 2019 was attended by Dr.Mridula Goswami, Dr. Gyanendra Kumar & Dr. Jatinder Kaur.

• Workshop on Indian Society of Pedodontics and Preventive (ISPPD) at AIIMS, New Delhi on May, 2019 was attended by Dr.Mridula Goswami.

• Workshop on PG Orientation Program at I.T.S Centre for Dental Studies and Research at Murad Nagar, Ghaziabad on May 2019 was attended by Dr.Mridula Goswami.

• 27th Congress of the International Association of Paediatric Dentistry(IAPD) at Cancun, Mexico on July, 2019 was attended by Dr.Mridula Goswami.

• 41st ISPPD National Conference at Greater Noida on Nov, 2019 was attended by Dr.Mridula Goswami & Dr. Gyanendra Kumar.

• National convention on 1st 3M scientific convention for academic excellence at New Delhi on Nov, 2019 was attended by Dr.Mridula Goswami.

• 14th PG Convention of ISPPD at Meerut on Feb,2019 was attended by Dr. Gyanendra Kumar.

• Annual Congress of TAPD at Taichung, Taiwa on June, 2019 was attended by Dr. Gyanendra Kumar.

• CDE Programme on Current concepts in management of pediatric dental trauma at Sudha Rustagi college of dental sciences and research, Faridabad on Dec, 2019 was attended by Dr.Monika Grewal.

• Symposium on Periodontal & Peri – implant Plastic surgery Symposium & Microsurgical Cadaveric Workshop at AIIMS, Delhi on 3-4th Oct 2019 was attended by Dr. Arundeeep Kaur Lamba & Dr. Archita.

• 44th National Conference of Indian Society of Periodontology at The Grand Castle, Bengaluru on 8-10 nov 2019 was attended by Dr. Arundeeep Kaur Lamba, Dr. Farrukh Faraz & Dr. Shruti Tandon.

• Workshop on Improving Availibility & Rational Use of Medicine In Public Health Facilities at MAMC, Deptt of Pharmacology on 19 – 22nd February 2019 was attended by Dr. Deepmala.

• Conference on Integrate 2019 “Newer Perspectives In Lasers & Periodontology” at Radisson Blu Hotel, New Delhi on 3-4th Aug 2019 was attended by Dr. Deepmala & Dr. Archita.

• Pre conference course on Immediate implant placement & provisionalization with CT graft by Dr. Joseph Kan at The leela, New Delhi on 28th Feb 2019 was attended by Dr. Archita.

• Delhi Dental Show, Indian Dental Association at Delhi on 3rd-14th July,2019 was attended by All faculty.

• 24th National Conference of the Indian Association of Public Health Dentistry on “Public Health Dentistry Beyond Preventive Dentistry at Ramoji Film City, Hyderabad on 15th-17th November,2019 was attended by Dr. Vikrant Mohanty & Dr. Aswini Y B.

• Workshop on Evidence 2 Policy at The Park Hotel, Connaught Place on 20th December, 2019 was attended by Dr. Aswini Y B.

• ECHO India Orientation program at The Suryaa Hotel, New Delhi on 2nd May 2019 was attended by Dr. Aswini Y B.

• National Institutional Ranking Framework (NIRF) 2019 release ceremony by the President of India at Delhi on April 9, 2019 was attended by Dr. Aswini Y B.

• CDE programme on Salivary gland symposium at ESIC Dental College, Rohini on 15th March 2019 was attended by Dr. Dr Aadithya B. Urs, Dr. Priya Kumar & Dr. J. Augustine.

• Workshop on Subject expert & invited faculty for PG course curriculum at IAOMP at Bhubaneshwar on 13th July 2019 was attended by Dr. Dr Aadithya B. Urs.

• National Consultation on Tobacco and Oral Health by Ministry of HFW and WHO Workshop at Hotel Lalit on 6th November 2019 was attended by Dr. Priya Kumar.

• TOT courses on Forensic examination in Sexual offence case at LNJN National Institute of Criminology & Forensic Science on 13th -14th June 2019 was attended by Dr. J. Augustine & Dr. Thamarai Selvan.

• 2 Day National Workshop on “Stengthening of forensic capabilities in India” at LNJN National Institute of Criminology & Forensic Science on 15th to 16th October 2019 was attended by Dr. J. Augustine.

• International Summit on Humanitarian Forensics on “Transversality of humanitarian Forensics in meeting family and community needs across relevant contexts globally” at International Centre for Humanitarian Forensics, Gandhinagar, Gujarat on 5th to 7th September 2019 was attended by Dr. J. Augustine.
• XXVIII IAOMP National Conference at Thiruvananthapuram on 1st to 3rd November 2019 was attended by Dr. J. Augustine.
• Workshop on WE CAN INDIA CAN-An initiative of Indian association of oral& maxillofacial pathology at ESIC Dental college and hospital, New Delhi on 19-10-19 was attended by Dr. Bhanu Priya.
• 6th INPAFO world conference at Chandigarh on February 15 to 17, 2019 was attended by Dr. Thamarai Selvan.

Visitors
• Ms. Christine DiGiovani, Director of Education American Academy of Implant Dentistry visited the institute on 6th March 2019.
• Mr. Gilbert Archermann, Chairman of the Board, Straumann group visited the institute on 16th April 2019.
• Shri. Anil Baijal, Hon’ble Lieutenant Governor, Delhi joined us for the celebrations of World Oral Health Day on 20th March 2018.
• Dr. Kishor Gulabivala, Head of Unit of Endodontology at UCL Eastman Dental Institute and Head of Department of Restorative Dentistry at UCL Eastman Dental Institute on 23 December, 2019.
• Dr. Mahima Tilakchand, Professor, Dept of Conservative Dentistry & Endodontics at SDM Dental College, Dharwad on 23 December, 2019.
• Dr. Mohammad NeekooFar, Director of International Relations, Tehran University of Medical Sciences on 24 December, 2019.
• Shri D.S Negi, Chief Executive Officer, Rajiv Gandhi Cancer Institute & Research Centre, Delhi visited the institute on 12th September 2019.
• Prof (Dr.) Peter Mossy, and his team from School of Dentistry, University of Dundee visited the institute on 2019.
• Dr. Nilav Bhagabati, Professor
Department of Prosthodontics
PDPM-IIT Design and Manufacturingvisited the institute on 4th October 2019
• Pro (Dr) Patrick Thevissen, Programme director and head
Master of Forensic Odontology (Msc) at Katholieke Universiteit Leuven, Faculty of Medicine
Department of Oral Health Sciences
Forensic Dentistry
Kapucijnenvoer, Leuven Belgium visited the institute on 20th September 2019.
• Prof(Dr) Roberto Cameriero, Anthropologist, University of Macerata, Italy visited the institute on 20th September 2019.
• Dr Hemlata Pandey, Forensic Odontologist, Seth GS Medical College and KEM Hospital, Mumbai, Chief Faculty, Indian Board of Forensic Odontology visited the institute on April 2019.
• Dr Dimitris Emmanouil, DDS,MS,Phd, Professor at Faculty of Dentistry, National and Kapodistrian University of Athens, Greece visited the institute on 2019.
• SHINGO KURIYAMA , Director, Mani Medical India Pvt Ltd visited the institute on 26th July 2019.
• TERUO TAKAHASHI, Executive officer and division head, Mani Medical India Pvt Ltd visited the institute on 26th July 2019.
• Amitabh Kant , CEO of NITI Aayog visited the institute on
• Nitin Gadkari Minister for Road Transport & Highways of India and Shipping Ministry of Micro, Small and Medium Enterprises visited the institute on
• Joao Paul Beldi, President of Newton Paiva from Newton Paiva University in Minas Gerais, Brazil visited the institute on 9th May 2019.
• Tereza Cristina Cunha from Newton Paiva University in Minas Gerais, Brazil visited the institute on 9th May 2019.
• Evandro deOliveira Montes from Newton Paiva University in Minas Gerais, Brazil visited the institute on 9th May 2019.
• Mr Achermann Gilbert, Chairman of the Board, at Straumann group, Swtizerland visited the institute on 16th April 2019.
• Dr. Maher Almasri, Director of BPP University Faculty of Dentistry, London, England visited the institute on 13th February 2019.
• Ms. Kavita Sud, visited the institute on 5th February 2019.
• Dr. Mark E. Nehring, professor and chair, Department of Public Health and community service at Tufts University, School of Dental Medicine, Boston visited the institute on 6th November 2019.
• Lieutenant Governor of Delhi, Anil Baijal visited the institute on 17 May 2019.
• Dr. John Morgan, Professor and Director of Special Projects and Global Service Learning in the Department of Public Health and Community Service at Tufts University School of Dental Medicine, Boston visited the institute on 6th November 2019.

Significant Events (Honors to Institute & Faculty):
• The institute has been further NABH accredited for 2018-2021.
• The institute has been judged as the best dental college among all the Dental Institutes in India by the The Outlook Magazine’s survey on Best Dental Colleges 2019.
• The institute has been judged as the best dental college among all the Dental Institutes in India by the The India Today Survey on Best Dental Colleges 2019.
• The Week Magazine has ranked our Institute the no.1 among Dental Colleges in India. The institute has been exalted in the categories of research, patient work and infrastructure.
• The institute was awarded “Dr. Kedar N. Rustagi Award 2018” by the International College of Dentists at ICD Annual Convocation & Award function Hyderabad in the month of 15th December 2018.
• The institute was awarded Rao Memorial Award for Highly commendable outreach program for the year 2018 in the Famdent Excellence Awards 2018 at Mumbai on 9th December 2019.
• Dr Mahesh Verma, Director-Principal of Maulana Azad Institute of Dental Sciences (MAIDS), has been appointed the Vice-Chancellor (VC) of Guru Gobind Singh Indraprastha University in July 2019.
• Dr Tulika Tripathi was awarded the State Award for the year 2014-15 by Dept of Health & Family Welfare, Govt of NCT Delhi at MAMC Auditorium, New Delhi in the month of 18th February 2019.
• Dr Tulika Tripathi was awarded the Dr H.S. Sheikh Memorial Oration on “Class III malocclusion: Challenges and Solutions” by 23rd IOS PG Convention at ITS, Greater Noida in the month of 21st – 24th Feb, 2019.
• Dr. Seema Yadav was awarded the Best Paper Presentation Award by 34th IACDE National Conference at Navi Mumbai in the month of 29 Nov 2019 – 1st December 2019.
• Dr. SUJOY GHOSH was awarded 2nd Place for Scientific Paper Presentation by 17th National Triple O Symposium at Nair Hospital Dental College, Mumbai in the month of 15th -17th March 2019.
• Dr, Aswini Y B was awarded the 2nd best paper award for the session by 24th National Conference of the Indian Association of Public Health Dentistry at Hyderabad in the month of 15th November, 2019.
• Dr. Sunita Gupta delivered a Poster presentation on “Novel Treatment and Prognostic Value of EMT Biomarkers in Oral Submucous Fibrosis” at IADR 2019 Vancouver, Canada in the month of 20th June 2019.
• Dr. Sunita Gupta delivered a Guest lecture in National BDS Students Convention in Oral Medicine & Radiology at KD Dental College and Hospital, Mathura in the month of 9th February 2019.
• Dr. Sunita Gupta delivered a Keynote Speaker at International Oral Pre-cancer and Cancer Congress at KGMU, Lucknow in the month of 4th -6th April 2019.
• Dr. Sunita Gupta delivered a Guest lecture at World Radiology Day 2019 at SGT, Gurgaon in the month of 9th November 2019.
• Dr. Sunita Gupta was a Panelist on Mouth and Body Connection in Health and Disease at IIC, New Delhi in the month of 3rd June 2019.
• Dr. Sujata Mohanty delivered a scientific paper presentation on “Efficacy of cryotherapy in the treatment of oral vascular malformation: A pilot study” at 17th National Triple O Symposium, Nair Hospital Dental College, Mumbai in the month of 15th -17th March 2019.
• Dr. Sujata Mohanty, Dr. Khushboo Singh & Dr. Shikha delivered a scientific poster presentation on “A Study on Diversity in Dental Pattern and role of identification in Indian Population” at 17th National Conference of Indian Association of Forensic Odontology, MAIDS in the month of 21st September 2019.
• Dr. Sujata Mohanty Chaired a session of Scientific paper presentation at 17th National Triple O Symposium at Nair Hospital Dental College, Mumbai in the month of 15th – 17th March 2019.
• Dr. Sujata Mohanty delivered a Scientific paper presentation on “Novel technique of harvesting the Sternoclavicular Graft” at 44th Annual Conference of Association of Oral and Maxillofacial Surgeons of India (AOMSI), AOMSI, Bengaluru, Karnataka in the month of 16-19 November, 2019.
• Dr. Sujata Mohanty delivered a Guest Lecture on “Orthognathic surgery – Mandibular Procedures including genioplasty” at AOMSI Master Class, Sudha Rustagi College of Dental Sciences and Research, Faridabad, Haryana in the month of 28th - 31st March 2019.
• Dr. Sujata Mohanty delivered a Guest lecture on “Surgical approaches to mandible” Advances in Management of Facial Trauma at AOCMF/AIIMS, New Delhi in the month of 23-24th August, 2019.

• Dr. Sujata Mohanty delivered a Guest lecture on “Versatility of Genioplasty -Principles and Video presentation” at AIIMS, New Delhi in the month of 19th - 20th July, 2019.

• Dr. Pankaj Sharma delivered a Guest Lecture on “Fluid and Electrolyte Balance” at AOMSI Master Class, Sudha Rustagi College of Dental Sciences and Research, Faridabad, Haryana in the month of 28th - 31st March 2019.

• Dr. Zainab Chaudhary delivered a Guest Speaker on “Verrucous Carcinoma of Oral Cavity: Absolving the dilemmas and Ascertaining the advancements” at KG Medical University, Lucknow in the month of 4th - 6th April, 2019.

• Dr. Zainab Chaudhary Chaired a Session on “Women in OMFS” at 44th Annual Conference of Association of Oral and Maxillofacial Surgeons of India (AOMSI), Bengaluru, Karnataka in the month of 16-19th November, 2019.

• Dr. Monica Kelkar delivered a scientific poster presentation on “Knowledge and Practice Related to Dental Disability Evaluation” at 17th National Conference of Indian Association of Forensic Odontology, Delhi in the month of 21st - 22nd September, 2019.

• Dr. Ruchika Roongta Nawal delivered a Guest Lecture on “Vertical Control of Vectors in Skeletal Anchorage” at Rendezvous COSG-2019: Expanding the Knowledge, Chandigarh in the month of 8th September 2019.

• Dr. Sangeeta Talwar delivered a Keynote lecture on “Calcium Silicate Based Cements – An Endodontics Panacea” at 20th Scientific Congress of Asian Pacific Endodontic Confederation & 14th International Congress of Turkish Endodontic Society, Istanbul, Turkey in the month of 26th April 2019.

• Dr. Ruchika Roongta Nawal delivered a Keynote lecture and was a Course Mentor on “Vital Pulp Therapy and Bio Active Materials” at IACDE Faculty development Program, Vishakhapatnam, IACDE in the month of 7th July 2019.

• Dr. Sangeeta Talwar delivered a Keynote Lecture on “Instrument Retrieval in Endodontics – Status Quo” at 20th National IACDE PG Convention, Chandigarh in the month of 8th March 2019.

• Dr. Sangeeta Talwar, Dr. Ruchika Roongta Nawal & Dr. Amit Malhotra delivered a Review presentation on DST Project “Design and Development if Indigenous Instrument retrieval equipment for removal of broken/separated files during endodontic therapy” at Sri Chitra Tirunal Institute for Medical Sciences & Technology, Thiruvananthapuram, Kerala in the month of 22nd March 2019.

• Dr. Sangeeta Talwar delivered a Keynote lecture on “Finale Element Analysis : “ An Essential Tool for Biomechanical Ascertaining the advancements” at KG Medical University, Lucknow in the month of 4th - 6th April, 2019.

• Dr. Seema Yadav delivered a scientific paper presentation on “Comparative Evaluation of Effectiveness of Contemporary Instrument Retrieval Systems and its effect on fracture resistance of teeth ” at 19th Biennial meet of European Society of Endodontics, ESE, Vienna; Europe in the month of 11th to 15th September 2019.

• Dr. Seema Yadav delivered a scientific paper presentation on “Composite restorations using magnification” at 32nd ISDR National Conference, Ahmedabad in the month of 16th November, 2019.

• Dr. Sangeeta Talwar delivered a Guest Lecture on “Finite Element Analysis ; ” An Essential Tool for Biomechanical Analysis” at ESIC Dental College & Hospital, New Delhi in the month of 13th December 2019.

• Dr. Seema Yadav delivered a scientific paper presentation on “ Minimal invasive endodontics” at 27th IES National conference. Hotel Lalit, New Delhi in the month of 21st December, 2019.

• Dr. Mohit Galani delivered a scientific paper presentation on “Comparative evaluation of success rate of pulpotomy and root canal treatment in cariously exposed permanent molars– A Randomized Controlled Trial” at 27th Indian Endodontic Society National Conference, MAIDS, New Delhi in the month of 20th - December, 2019.

• Dr Tulika Tripathi delivered a Guest Lecture on “Class III management in Craniofacial Anomalies: Challenges & Solutions” at Rendezvous COSG-2019: Expanding the Knowledge, Chandigarh in the month of 8th September 2019.

• Dr Tulika Tripathi delivered a Guest Lecture on “Smile Dynamics: The Art and Science of Facial Esthetics” at 54th Indian Orthodontic Conference, Bhubaneswar in the month of 22nd-24th November, 2019.

• Dr Priyank Rai delivered a Guest Lecture on “Vector Controlled Intrusion by Skeletal Anchorage” at 23rd IOS PG Convention, ITS, Greater Noida in the month of 21st - 24th Feb, 2019.

• Dr Priyank Rai delivered a Guest Lecture on “Vertical Control of Vectors in Skeletal Anchorage” at Rendezvous COSG-2019: Expanding the Knowledge, Chandigarh in the month of 8th September 2019.
Dr Priyank Rai delivered a Guest Lecture on “Unraveling Class III Malocclusion” at 54th Indian Orthodontic Conference, Bhubaneshwar in the month of 22nd -24th November, 2019.

Dr Anup Kanase delivered a Guest Lecture on “Lasers – the current trend for accelerated Orthodontics” at North Zonal PG Convention, Jamia Milia Islamia, New Delhi in the month of 29th September, 2019.

Dr Neha delivered a Guest Lecture at 54th Indian Orthodontic Conference, Bhubaneshwar in the month of 22nd -24th November, 2019.

Dr Shilpa Kalra was awarded the IOS RF 3M- Unitek Grant for Research at Indian Orthodontic Society in the month of October 2019.

Dr Neha chaired a session for Student Paper Presentation Sessions at 23rd IOS PG student’s convention, ITS Greater Noida in the month of 21-24th Feb, 2019.

Dr Navneet Singh chaired a session for Student Paper Presentation Sessions at 23rd IOS PG student’s convention, ITS Greater Noida in the month of 21-24th Feb, 2019.


Dr Ram Gopal chaired a session for Student Paper Presentation Sessions at 23rd IOS PG student’s convention, ITS Greater Noida in the month of 21-24th Feb, 2019.

Dr Neha delivered a scientific E Poster on “Pre surgical orthopaedics in infants with Cleft Lip and Palate. Is it effective?? Is it stable ??” at National Training Program in Cleft and Craniofacial Orthodontics, AIIMS, New Delhi in the month of 9th - 21st August, 2019.

Dr Gayatri Ganesh delivered a scientific paper Presentation on “Adolescent Class III : Elude the expected” at 54th Indian Orthodontic Conference, Bhubaneshwar in the month of 22nd -24th November, 2019.

Dr. Mridula Goswami & Dr. Gyanendra Kumar delivered a scientific paper Presentation on “Sports Dentistry” at 2nd Biennial Conference of “South Asian Association of Pediatric Dentistry” Kathmandu, Nepal in the month of April 2019.

Dr. Mridula Goswami delivered a scientific paper Presentation on “Orientation Of Post Graduate Students” at PG Orientation Program at I.T.S Centre for Dental Studies & Research, Murad Nagar, Ghaziabad in the month of May 2019.

Dr. Mridula Goswami delivered a scientific paper Presentation on “Sports Dentistry” at 27th Congress of the International Association of Paediatric Dentistry (IAPD), Cancun, Mexico in the month of July 2019.

Dr. Mridula Goswami delivered a scientific paper Presentation on “GO -Sports Dentistry” at ISDR Conference, Ahmedabad in the month of Nov 2019.

Dr. Mridula Goswami delivered a scientific paper Presentation on “Regenerative Endodontics” at 41st ISPPD National Conference, Greater Noida in the month of Nov 2019.


Dr. Gyanendra Kumar delivered a scientific paper Presentation on “ Laser Dentistry” at Annual Congress of TAPD, Taichung, Taiwan in the month of June, 2019.


Dr. Mridula Goswami delivered a Guest Lecture at 2nd Biennial Conference of “South Asian Association of Pediatric Dentistry” at Kathmandu, Nepal in the month of April 2019.

Dr. Mridula Goswami delivered a Guest Lecture at PG Orientation Program at I.T.S Centre for Dental Studies & Research, Murad Nagar, Ghaziabad in the month of May 2019.

Dr. Mridula Goswami delivered a Guest Lecture at 27th Congress of the International Association of Paediatric Dentistry(IAPD) Cancun, Mexico in the month of July, 2019.

Dr. Mridula Goswami delivered a Guest Lecture at 41st ISPPD, Greater Noida in the month of Nov 2019.

Dr. Mridula Goswami delivered a Guest Lecture at Indian Society For Dental Research(ISDR) in the month of Nov 2019.

Dr. Mridula Goswami delivered a Guest Lecture at Indian Society Of Dental Traumatology in the month of Dec, 2019.

Dr. Gyanendra Kumar delivered a Guest Lecture at 2nd Biennial Conference of “South Asian Association of Pediatric Dentistry” at Kathmandu, Nepal in the month of April 2019.

Dr. Gyanendra Kumar delivered a Guest Lecture at Annual Congress of TAPD at Taichung, Taiwan in the month of June 2019.

Dr. Deepmala & Dr. Kamal delivered a scientific poster presentation on “Full mouth Rehabilitation with tilted implants” at 5th GAAID Conference, The Leela, New Delhi in the month of 1-3rd March 2019.


Dr. Shruti delivered a Guest Lecture on “Periodontal diseases & Hepatic disorders- Dentist’s View Point” at Viral Hepatitis in dentistry conference, Institute of Liver and biliary sciences in the month of 21st Nov 2019.


Dr. Vikrant Mohanty delivered a Seminar on “Tobacco Cessation” at Faculty of Dental Sciences, Banaras Hindu University in the month of 24th February, 2019.

Dr. Vikrant Mohanty delivered a Guest Lecture on “Tobacco Cessation” Workshop at Adesh Institute of Dental Sciences and Research, Bhatinda in the month of 7th May, 2019.

Dr. Vikrant Mohanty delivered a Guest Lecture on “Tobacco Control in India” at Faculty of Dental Sciences, SGT University, Gurgaon in the month of 25th May, 2019.

Dr. Vikrant Mohanty delivered a Guest Lecture on “Master Training for Training of Trainers of Madhya Pradesh” at National Institute of Health and Family Welfare, MOHFW under NTCP in the month of 10th July 2019.

Dr. Vikrant Mohanty delivered a Guest Lecture on “Tobacco Cessation- New Vista of Dental Practice for Dental Professionals” at Delhi Dental Show in the month of 14th July, 2019.

Dr. Vikrant Mohanty delivered a Guest Lecture on “Curriculum Reform Workshop” at IAPHD, Dayanand Sagar Dental College and Hospital, Bangalore in the month of 24th August 2019.


Dr. Vikrant Mohanty delivered a Lecture at State Level Training for establishing Tobacco Cessation Clinics in Dental Colleges, Karnataka State Tobacco Control Cell in the month of 30th September 2019.

Dr. Vikrant Mohanty delivered a Guest Lecture on “Viral Hepatitis in Dentistry- Workshop on “Role of Oral Health in General Health” at Institute of Liver and Biliary Sciences, New Delhi in the month of 21st November 2019.

Dr Aswini delivered a Guest Lecture on “Tobacco free School” at Workshop on School Oral Health- creating healthy smiles for future in the month of 11th October 2019.

Dr Aswini delivered a Guest Lecture on “Research Methodology” at Dr. Z. A. Dental College & Hospital, Aligarh in the month of 16th September 2019.

Dr Aswini delivered a Guest Lecture on IDA & Oral B “Modern Day approaches to Oral Hygiene” at MAIDS in the month of 3rd September 2019.

Dr. Aadithya B. Urs delivered a Guest Lecture on “Salivary gland symposium” at CDE programme at ESIC Dental College, Rohini in the month of 15th March 2019.

Dr. Aadithya B. Urs chaired scientific session at 17th IAFO national Conference in the month of 21st to 22nd September 2019.

Dr. Aadithya B. Urs chaired scientific session on “Viral Hepatitis- A Dental Perspective” at Institute of Liver and Biliary Sciences in the month of 21st November 2019.

Dr. Aadithya B. Urs & Dr J. Augustine delivered a scientific poster presentation on “Chorea acanthocytosis: case reports and review of literature” at PG-Convention, Bhubaneswar, Orissa in the month of 12-14th July 2019.

Dr. Aadithya B. Urs & Dr J. Augustine delivered a scientific paper presentation on “Comparative evaluation of DNA isolation from extracted teeth under different environmental conditions by two methods for forensic analysis” at Conference, MAIDS, Delhi in the month of 21st-22nd September 2019.

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- Dr. Aadithya B. Urs & Dr. Priya Kumar delivered a scientific poster presentation on “HIF-1α expression in malignant transformation of Oral Submucous Fibrosis” at conference, Amritsar in the month of 16-18th November 2019.
- Dr. Aadithya B. Urs delivered a scientific poster presentation on “Gliar Choristoma: Review of literature” at PG Convention, Bhubaneswar, Orissa in the month of 12-14th July 2019.
- Dr. Aadithya B. Urs, Dr. Priya Kumar & Dr. J. Augustine delivered a scientific poster presentation on “Schwannomas of the Oral Cavity: A Case Series” at Bhubaneswar, Orissa in the month of 12-14th July 2019.
- Dr. Aadithya B. Urs delivered a scientific paper presentation on “Ghost Cell Characterization in Calculifying Odontogenic Cyst and Ghost Cell Odontogenic Tumor - An Immunohistochemical Study” at Trivandrum, Kerala in the month of 01-03rd November, 2019.
- Dr. Aadithya B. Urs Dr. Priya Kumar & Dr. J. Augustine delivered a scientific poster presentation on “Plasma cell gingivitis- A case series” at PG Convention, Bhubaneswar, Orissa in the month of 12-14th July, 2019.
- Dr. Priya Kumar delivered a Guest Lecture on “Step by step approach in the diagnosis of salivary gland pathology” at ESIC Dental College & Hospital, New Delhi in the month of 15th March 2019.
- Dr. J. Augustine delivered a scientific paper presentation on “Comparative evaluation of DNA isolation from extracted teeth under different environmental conditions by two methods for forensic analysis” at Conference, MAIDS, Delhi in the month of 21—22nd September 2019.
- Dr. J. Augustine delivered a Guest Lecture on “Swelling in the maxilla- our perplexing experience” at ESIC Dental College & Hospital, New Delhi in the month of 15th March 2019.
- Dr. J. Augustine delivered a Guest Lecture on World AIDS Day on “HIV in dental practice” at Faculty of Dental Sciences, SGU University, Gurugram in the month of 2nd December 2019.
- Dr. J. Augustinechaired scientific session at XXXVIII IAOMP National Conference, Thiruvananthapuram in the month of 1st to 3rd November 2019.
- Dr. Rewa Malhotra delivered a scientific poster presentation on “Applications of Oral Pathology in Forensic Odontology” at Conference, IAFO/MAIDS, New Delhi in the month of 21st-22nd September 2019.

Fellowship:
- Infants Oral Health care Programme Fellowship was awarded by School of Dentistry, UCLA and availed by Dr. Gyanendra Kumar in the month of Aug, 2019.
- Diplomate of World Congress of Oral Implantology (WCOI), Japan was awarded by 5th Global American Academy of Implant Dentistry Conference and availed by Dr. Harsimran Kaur in the month of March 2019.
- Diplomate of World Congress of Oral Implantology (WCOI), Japan was awarded by 5th Global American Academy of Implant Dentistry Conference and availed by Dr. Modhupa Ghosh in the month of March 2019.
- Diplomate of World Congress of Oral Implantology (WCOI), Japan was awarded by 5th Global American Academy of Implant Dentistry Conference and availed by Dr. M. Kumar Somanna in the month of March 2019.
- Diplomate of World Congress of Oral Implantology (WCOI), Japan was awarded by 5th Global American Academy of Implant Dentistry Conference and availed by Dr. Madhuri Dua in the month of March 2019.
- Diplomate of World Congress of Oral Implantology (WCOI), Japan was awarded by 5th Global American Academy of Implant Dentistry Conference and availed by Dr. Aditi Nanda in the month of March 2019.

Representation on expert Committee/Bodies:
- Dr. Sunita Gupta was nominated as Thesis Examiner by Kashmir University in the month of March 2019.
- Dr. Sunita Gupta was nominated as Expert in Interview Panel for Appointment of Assistant Professor by PGIDS, Rohtak in the month of 5th September 2019.
- Dr. Sunita Gupta was nominated as Moderator for question paper by National Board Examination in the month of December 2019.
- Dr. Sunita Gupta was nominated as Internal Examiner for MDS Examination by MAIDS, Delhi University in the month of May 2019.
- Dr. Sunita Gupta was nominated as Member of Postgraduate Board of studies for Oral Medicine & Radiology by PGIDS, Rohtak in the month of October 2019.
- Dr. Sunita Gupta was nominated as Question Paper setter for MDS by PGIDS, Rohtak in the month of September-October, 2019.
Dr. Sujoy Ghosh was nominated as Question paper setter by National Board of Examination in the month of September 2019.

Dr. Sujoy Ghosh was nominated as Internal Examiner for MDS Examination by MAIDS, Delhi University in the month of May 2019.

Dr. Sujoy Ghosh was nominated as Internal Examiner for BDS Examination by MAIDS, Delhi University in the month of July and October 2019.

Dr. Sujoy Ghosh was nominated as Internal Examiner for BDS Examination by BFUHS, Punjab in the month of July and December 2019.

Dr. Sujoy Ghosh was nominated as External Examiner for BDS Examination by PGIDS, Rohtak in the month of August 2019.

Dr. Sujoy Ghosh was nominated as Internal Examiner for BDS Examination by Gujarat University, Ahmedabad in the month of September 2019.

Dr. Sujoy Ghosh was nominated as Moderator for question paper by National Board Examination in the month of August 2019.

Dr. Sujata Mohanty was nominated as Examiner of M.D.S Examination by AIIMS, New Delhi in the month of 20-21 May, 2019.

Dr. Sujata Mohanty was nominated as Examiner for Ph.D. Candidates by K.G.M.C., Lucknow in the month of 6th July, 2019.

Dr. Sujata Mohanty was nominated as Examiner of M.D.S Examination by AIIMS, New Delhi in the month of 6-7th December, 2019.

Dr. Pankaj Sharma Examiner was nominated as Examiner of M.D.S Examination by ITS Dental College, Greater Noida in the month of 6-7th May, 2019.

Dr. Pankaj Sharma Examiner was nominated as Examiner of M.D.S Examination by IDST, Modinagar in the month of 17-18th May, 2019.

Dr. Pankaj Sharma Examiner was nominated as Examiner of M.D.S Examination by Shree Bankey Bihari Dental College and Research Centre in the month of 11-12th June, 2019.

Dr. Pankaj Sharma Examiner was nominated as Examiner of M.D.S Examination by Sharda University, Greater Noida in the month of 18-19th July, 2019.

Dr. Zainab Chaudhary was nominated as B.D.S. Examiner by I.T.S. Greater Noida, U.P in the month of 11th-12th December, 2019.

Dr. Rekha Gupta was nominated as MDS examiner at AMCMET dental college, Ahmedabad by Gujarat University in the month of 2019.

Dr. Rekha Gupta was nominated as MDS examiner at Santosh dental college, Ghaziabad, by Santosh University in the month of 2019.

Dr. Rekha Gupta was nominated as MDS examiner at AIIMS (Delhi) by AIIMS in the month of 2019.

Dr. Sangeeta Talwar was nominated as External Examiner of MDS Examination by GDC Rohtak in the month of May 2019.

Dr. Sangeeta Talwar was nominated as External Examiner of MDS Examination at Manav Rachna Dental college, Faridabad by Pt BD Sharma University, Rohtak in the month of June 2019.

Dr. Sangeeta Talwar was nominated as External Examiner of MDS Examination by University of Delhi in the month of June 2019.

Dr. Sangeeta Talwar was nominated as panel member for National Board Of Examination for Foreign Dental Graduate Screening Test and Contribution To Question Bank in the month of 2019.

Dr. Sangeeta Talwar was nominated as panel member for Food And Drug Administration for matters related to approval of New Drugs/Subsequent –New Drug/Clinical Trials in the month of 2019.

Dr. Sangeeta Talwar was nominated as panel member for Bureau Of Indian Standard in the month of 2019.

Dr. Sangeeta Talwar was nominated as Expert Panel For Training Manual On Phasing Down Amalgam, NOHP , Nirman Bhawan, by Ministry Of Health in the month of 2019.

Dr. Ruchika Roongta Nawal was nominated as external examiner, final year BDS by GDC Rohtak in the month of August 23rd 2019.

Dr. Ruchika Roongta Nawal was nominated as external examiner, final year BDS by University of Delhi in the month of 2019.

Dr. Ruchika Roongta Nawal was nominated as External examiner, final year MDS mock examination at Manav Rachna dental college, Faridabad by Pt BD Sharma, Rohtak in the month of 2019.

Dr. Ruchika Roongta Nawal was nominated as DCI Inspector by Institute of Dental Sciences and Technologies, Modinagar, Meerut road in the month of 2019.
• Dr. Ruchika Roongta Nawal was nominated in Hearing committee of BDS Schemes at Nirman Bhawan, New Delhi in the month of 2019.
• Dr. Ruchika Roongta Nawal was nominated as panel member for National Board Of Examination for Foreign Dental Graduate Screening Test and Contribution To Question Bank 2019.
• Dr. Seema Yadav was nominated as Subject Expert For MCQs Validation By National Board Of Examinations, Dwarka, New Delhi in the month of 11th November 2019.
• Dr. Seema Yadav was nominated as Paper Setter For Undergraduate Examination by Gujarat University in the month of 6th September 2019.
• Dr. Seema Yadav was nominated as Examiner For Postgraduate Examination At Subharti Dental College by Swami Vivekanand Subharti University in the month of 4th June 2019.
• Dr. Seema Yadav was nominated as Paper Setter For Undergraduate Examination Delhi University in the month of 6th June 2019.
• Dr. Seema Yadav was nominated as Examiner For Undergraduate Examination, Delhi University in the month of 24th July 2019.
• Dr. Seema Yadav was nominated as Paper Setter For Postgraduate Examination, Gujarat University in the month of 6th June 2019.
• Dr. Seema Yadav was nominated as Paper Setter For Undergraduate Examination Delhi University in the month of 6th June 2019.
• Dr. Seema Yadav was nominated as Elected Executive Council Member, Endodontic Society in the year 2019.
• Dr. Ruchika Roongta Nawal was appointed as Expert Committee Of Attended Regarding Recommendations For BDS Course regulations Curriculum Revision, By DCI at Nirman Bhawan, Dept Of Education in the month of September and October 2019.
• Dr. Ruchika Roongta Nawal was nominated as Expert panel of hearing committee for BDS and MDS Schemes at Nirman Bhawan, Dept Of Education in the month of 11th November 2019.
• Dr Tulika Tripathi was awarded the State Award for the year 2014-15 by Dept of Health & Family Welfare, Govt of NCT Delhi at MAMC Auditorium, New Delhi in the month of 18th February 2019.
• Dr Tulika Tripathi, Dr Priyank Rai, Dr Anup Kanase was nominated as Internal Examiner, Delhi University Exam 2019.
• Dr.Mridula Goswami was nominated as Expert member of Committee Drafting guidelines for use of nitrous oxide inhalation sedation in dental practice under Ministry Of Health And Family Welfare in the month of December 2019.
• Dr.Mridula Goswami was nominated as Examiner MDS Exam PGI, Chandigarh in the month of May,2019.
• Dr.Mridula Goswami was nominated as Examiner MDS Exam AIIMS, New Delhi in the month of December 2019.
• Dr. Vikrant Mohanty was nominated as Subject expert for Oral Pathology for validation of question bank of National Board of Examinations on by NBE, New Delhi in the month of August 2019.
• Dr. Vikrant Mohanty was nominated as Examiner MDS Exam by MAIDS, Delhi University in the month of May,2019.
• Dr. Vikrant Mohanty was nominated as external examiner MDS Exam by PGI Rothak in the month of May,2019.
• Dr. Vikrant Mohanty was nominated as external examiner MDS Exam by Maharishi Markandey University, Mullana, Ambala in the month of May,2019.
• Dr. Vikrant Mohanty was nominated as external examiner BDS Exam by KGMC, Lucknow in the month of June,2019.
• Dr. Aswini YB was nominated as Examiner For Undergraduate Examination, Delhi University in the month of 24th July 2019.
• Dr. Aswini YB was nominated as Examiner MDS Exam by MAIDS, Delhi University in the month of May,2019.
• Dr Aadiithya B. Urs was nominated as external examiner of Oral Pathology FOR 3rd year BDS exam by K D Dental College Mathura in the month of 25-26th June 2019.
• Dr Aadiithya B. Urs was nominated as external examiner of Dental Anatomy and Oral Histology for 1st year BDS exam by Govt. Dental College Raipur in the month of 21st – 23rd August 2019.
• Dr Aadiithya B. Urs was nominated as Internal examiner for MDS examination of Oral Pathology by MAIDS, New Delhi in the month of 16th - 17th May 2019.
• Dr Aadiithya B. Urs was nominated as Subject expert for Oral Pathology for validation of question bank of National Board of Examinations on by NBE, New Delhi in the month of 13th August 2019.
• Dr Aadiithya B. Urs was nominated as Dental Council of India Inspector for 1st year renewal inspection at Faculty of Dental Sciences KG Medical University, Lucknow by DCI in the month of 25th - 26th July 2019.
• Dr Aadiithya B. Urs was nominated as Subject expert for interview panel for fellowship in Surgical Pathology by Dharamshila Narayana Cancer Hospital, New Delhi in the month of 28th August 2019.

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• Dr. Aadithya B. Urs was nominated as Subject expert for Oral Pathology for validation of question bank of National Board of Examinations by NBE New Delhi in the month of 26th - 27th November 2019.

• Dr. Priya Kumar was nominated as MDS examiner, GDC Ahmedabad by Gujarat University in the month of 15th - 16th April 2019.

• Dr. J. Augustine was nominated as Supplementary practical external examiner, BDS 1st year in Dental Anatomy & Oral Histology by Post Graduate Institute of dental sciences, Rohtak, Haryana in the month of 26th March, 2019.

• Dr. J. Augustine was nominated as external examiner for Annual practical examination, BDS 3rd year in Oral Pathology and Microbiology by GRD Instt. Of Dental Sci. & Res., Amritsar in the month of 17th June 2019.

• Dr. J. Augustine was nominated as external examiner for Supplementary practical examination, BDS 3rd year in Oral Pathology and Microbiology by Genesis Institute of Dental Sciences & Research, Ferozepur in the month of 26th December, 2019.

• Dr. J. Augustine was nominated as external examiner for Supplementary practical examination, BDS 1st year in Dental Anatomy and Oral Histology by Genesis Institute of Dental Sciences & Research, Ferozepur in the month of 27th December, 2019.

• Dr. J. Augustine was nominated as Subject expert for Oral Pathology for validation of question bank of National Board of Examinations by NBE, New Delhi in the month of 13th August 2019.

Health Services to the community: -
Health centre activities/camps/drives/national programme etc.

- No.of satellite centers and patients catered: 3 centers and 1482 patients
- No.of school centers and patients catered: 3 schools and 3120 children
- No.of Dental camps: 39 camps, 4776 patients
- No.of national programs: 5 (NHM-MDV, MDCP,NEEV,ASHA,NOHP = pit and fissure sealant project)
- Mobile Dental Clinic Project services: 8 DGD Dispensaries in 3 Districts of GNCT of Delhi, 25,414 patients have been catered. 1,345 ASHA & ANM workers have been trained in 46 trainings for oral health.

Lab Data:-
Name of the Lab : Haemotology & Histopathology Lab

Name and no of the test perform: 9274

- Histopathology with special stains and immunohistochemistry -1116+238+170 =1524
- Cytology – Aspiration, exfoliative and FNAC - 300
- Haematology & Biochemistry – CBC, ESR, BT, CT, - LFT, KFT, Lipid profile, Blood sugar - 7450
- Percentage of growth compared to last year: 10.06%

Addition of facilities:

- Extension of old building – Phase II is having 11 storeys with facilities of excellence in research, forensics, labs, special care dentistry, comprehensive care dentistry, public health dentistry etc.

SAKSHAM - Special Needs Dentistry As a part of the workshop to the Charter of The Alliance for Oral Health Across Borders, under the Bridge to Peace, the working group compiled a formal “Guide for oral health promotion programs and minimally invasive dental care for children with special needs”. There was a need to lead from the front and initiate a plan to identify strategies, next steps, and key partners for improving the oral health of people with disabilities as well as the oral health care delivery system for this population and integrate it with our existing infrastructure. Hence, MAIDS has been running the Clinics for the Disabled People on Tuesdays and Fridays; 2-4 pm in the existing Department of Conservative Dentistry & Endodontics since November 2017. As a step further this year the Educational material has been developed for routine education of special needs patients and their caregivers hygiene measures into daily practice.

- Tissue Bank: The bone and amnion grafts are being harnessed, thus produced, are now being extensively used to replace, repair and improve the quality of diseased and damaged oral tissues thereby, greatly contributing in enhancing oral health. The bone and amnion grafts, thus produced, are now being extensively used to replace, repair and improve the quality of diseased and damaged oral tissues thereby, greatly contributing in enhancing oral health. Freeze drying machine has been procured this year which was previously been shared with G B
Panth Hospital. The tissue bank is in the process of shifting to Phase 2 Building which will have separate Dry and Wet areas for procuring of grafts. A separate clean room for packaging and storage has been planned in addition to a Record keeping and documentation area.

- **Obital implants**: Maxillofacial implant is the leading treatment modality in patients with maxillofacial defects such as loss of eye due to orbital exenteration or loss of ear due to the trauma. Placement of maxillofacial implants requires a multidisciplinary approach for the success of the prosthesis. For the first time in the history of MAIDS, orbital implants are being placed by the department of Prosthodontics in collaboration with the Guru Nank Eye Centre (GNEC).

- **Orbital Prosthesis**: Rehabilitation of orbital defects has been considered as one of the most challenging aspects of facial reconstruction. In cases where surgical restoration is not possible, fabrication of orbital prosthesis becomes a necessary alternative. However, in cases where maxillofacial implants are not possible, retention of the prosthesis can be done. The rehabilitation can be done with a bicomponent hybrid orbital prosthesis wherein the inner conformer is digitally fabricated.

**Any other worth mentioning information:**

- NABH Accreditation renewed till 2018.
- Biomedical waste management and infection control extensive workshop for faculty, students and non teaching faculty.
- Institute is contributing majorly towards “National Oral Health Policy.”
- The Institute has been partaking to the drafting and development of National Oral Health Program in India. The institute is one of the partner in the National Pit and Fissure Sealant pilot project under National Oral Health Program.