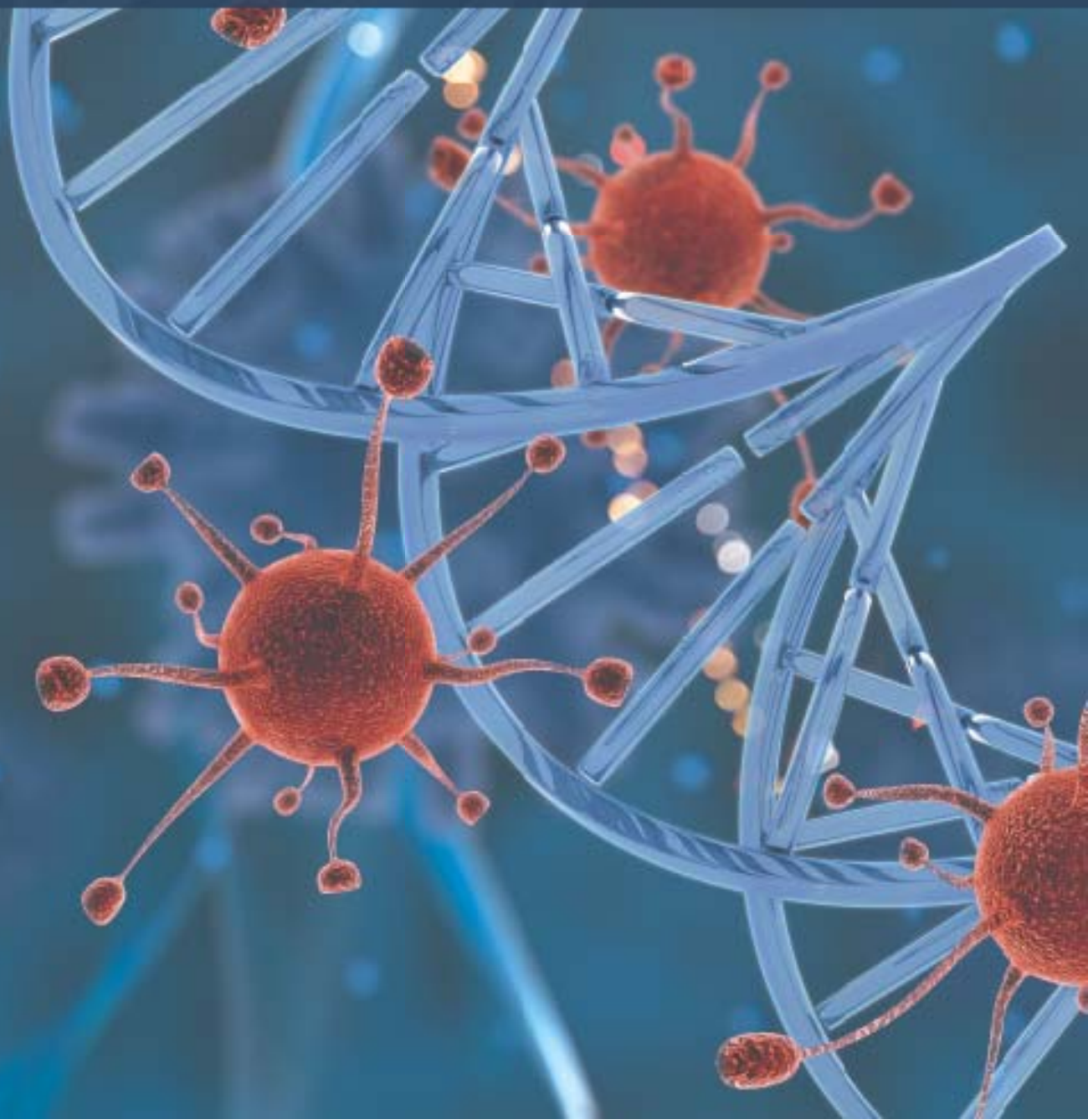




ANNUAL REPORT 2021

VARDHMAN MAHAVIR MEDICAL COLLEGE
& SAFDARJANG HOSPITAL





**VMMC and Safdarjung Hospital, Ministry of Health & Family Welfare,
Government of India Publication, 2022**

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डॉ. मनसुख मांडविया
DR. MANSUKH MANDAVIYA



स्वास्थ्य एवं परिवार कल्याण
व रसायन एवं उर्वरक मंत्री
भारत सरकार

**Minister for Health & Family Welfare
and Chemicals & Fertilizers
Government of India**



MESSAGE

It gives me immense pleasure to note that Vardhman Mahavir Medical College and Safdarjung Hospital is bringing out its Annual Report for the year 2021.

In recent years, Vardhman Mahavir Medical College has rapidly risen in the national rankings and is now one of the most preferred destinations for Undergraduate as well as Post graduate students. A combination of experienced faculty members, ample clinical resources and modern infrastructure has helped to provide quality medical education to budding Medicos and Parmedical students. A proposal to expand the infrastructural facilities like skill laboratories, is also under process which is likely to further strengthen the academic capabilities of the institution.

Safdarjung Hospital is one of the largest Government hospitals and provides accessible, affordable and equitable healthcare needs to all sections of society. The recent expansion of super specialty and emergency services has greatly enhanced the provision of state-of-the-art emergency facilities and specialized care in the super-specialty disciplines. Vardhman Mahavir Medical College and Safdarjung Hospital was designated as a dedicated COVID Hospital and this daunting task was managed successfully with the faculty, students and staff, rising fearlessly to the occasion.

I would like to place on record my appreciation and best wishes to the dedicated faculty members, young residents and the diligent staff who have performed well in the face of adversity. I wish this Institution all the very best and hope to see it emerge even more successful in the coming years

(Dr. Mansukh Mandaviya)



डॉ. भारती प्रविण पवार
Dr. Bharati Pravin Pawar



स्वास्थ्य एवं परिवार कल्याण राज्य मंत्री
भारत सरकार
**MINISTER OF STATE FOR
HEALTH & FAMILY WELFARE
GOVERNMENT OF INDIA**



MESSAGE

It gives me immense pleasure to know that Vardhman Mahavir Medical College and Safdarjung Hospital is publishing its Annual Report for the year 2021.

Vardhman Mahavir Medical College has been playing a pivotal role towards the medical education for more than 20 years and is now one of the leading medical colleges and recognized as one of the top most institutions in the country, due to the excellent academic achievements, seasoned faculty members and a rich treasure of clinical material.

Safdarjung Hospital is one of the largest, tertiary-level, multidisciplinary healthcare institutions and has provided economical and quality healthcare needs to all sections of society, over the last 75 years. The addition of Super specialty and Emergency Blocks has significantly improved the quality and quantity of emergency facilities as well as helped to increase patient care in the super-specialty disciplines. The institution has been consistently recognized by the government as a Centre for Excellence in Healthcare.

I am also glad to know that during the COVID pandemic, Safdarjung Hospital has successfully and comprehensively worked in joint collaboration with the brave teachers, residents and staff to serve the country.

The Government of India, under the visionary leadership of Hon'ble Prime Minister Shri Narendra Modi ji, is committed to meet the health needs of the people of India. I extend my congratulations to the passionate faculty members, enthusiastic residents and the hardworking staff who continue to perform to their best capabilities. May this glorious institution attain greater heights in the coming years.

“आरोग्य परमं भग्य स्वास्थ्य सर्वार्थसाधनम्”


(Dr. Bharati Pravin Pawar)

“दो गज की दूरी, मास्क है जरूरी”



राजेश भूषण, आईएएस
सचिव

**RAJESH BHUSHAN, IAS
SECRETARY**



भारत सरकार
स्वास्थ्य एवं परिवार कल्याण विभाग
स्वास्थ्य एवं परिवार कल्याण मंत्रालय
Government of India
Department of Health and Family Welfare
Ministry of Health and Family Welfare



Message

I am immensely pleased to note that Vardhman Mahavir Medical College (VMMC) & Safdarjung Hospital is bringing out its Annual Report 2021-2022.

As one of the largest and busiest hospitals in the country, catering to the healthcare needs of a significant number of deprived and marginalized people, poorest of the poor, VMMC & Safdarjung Hospital is known for its exemplary services. Be it the management of high patient load, provision of state-of-art healthcare facilities, specialized care in the super-specialty disciplines or provision of excellent medical education to budding medical professionals, the institution has always distinguished itself whenever called upon.

During the Covid-19 pandemic, the institution rose to the fore in taking tangible initiatives in handling the crisis situations of the pandemic, by providing treatment and care to those affected. The testing facilities were also stepped up and every department geared itself to handle the load and influx of patients of Covid-19. The VMMC students played a proactive role in pandemic management.

I wish this institution of critical importance all the very best and hope to see it emerge even more successful in its quest for serving the marginalized population and training medical professionals across every speciality and stage in their career path.

Jai Hind!

Date : 18.11.22

Place : New Delhi

(RAJESH BHUSHAN)



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Prof. (Dr.) Mahesh Verma

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MDS, MBA, PhD, FDSRCS (Eng),
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Dr. B.C. Roy Awardee

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Vice Chancellor



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Message

GGSIU/VCO / 2022 /

22nd November, 2022

I am delighted that Vardhman Mahavir Medical College and Safdarjung Hospital is bringing out its Annual Report for the year 2021 highlighting all significant achievements in the last academic year.

The occasion is a proud one. A memorable moment of celebration.
My best wishes on the release of the Annual Report.

Vardhman Mahavir Medical College has continued to set high standards in medical education and is one of the top-ranking college, affiliated to GGSIP University. Safdarjung Hospital is the largest hospital under the Ministry of Health and Family Welfare, The hospital provides medical care to millions of citizens not only of Delhi and the neighbouring states but also to people of neighbouring countries.

With quality teaching and training, the college. has always ensured that the medical professionals passing out from here are committed to exemplary patient care, without any discrimination.

It is heartening to know that the faculty at the institute is one amongst the best, dedicated to the cause of building world class medical professionals.

The college graduates continue to bring laurels in their respective fields, nationally and internationally, further cementing the enviable reputation of the institution.

It is important that thought is given not only to making available world class infrastructure, keeping abreast with technological innovations and techniques in medicine, but continuing to instill the spirit of service before self in the students., I do hope the institute will continue to set high standards in medical education that it is known for.

Congratulations yet again on the release of the Annual Report.

My best wishes for a bright and successful future for Vardhman Mahavir Medical College and Safdarjung Hospital.

Prof. (Dr.) Mahesh Verma



प्रो. (डॉ.) अतुल गोयल

Prof. (Dr.) ATUL GOEL
MD (Med.)

स्वास्थ्य सेवा महानिदेशक

DIRECTOR GENERAL OF HEALTH SERVICES



भारत सरकार
स्वास्थ्य एवं परिवार कल्याण मंत्रालय
स्वास्थ्य सेवा महानिदेशालय
Government of India
Ministry of Health and Family Welfare
Directorate General of Health Services



Message

I am happy to note that Vardhman Mahavir Medical College and Safdarjung Hospital is bringing out its Annual Report for the year 2021. This is certainly a moment of great pride for all faculty members, students and staff. Often annual reports talk of everything as an upward graph leaving out deficiencies and future possibilities with timelines.

Vardhman Mahavir Medical College has steadily evolved into one of the most sought after medical college due to the varied and rich clinical experience it offers. The college alumni have consistently performed well across all disciplines and continue to set new benchmarks of excellence.

The associated Safdarjung Hospital is one of the largest, multidisciplinary healthcare centre and provides state of the art facilities in all specialties including super-specialty departments. However, the basic pillars of a medical institution are the basic Department of Medicine and Surgery that have been laggards. The pivotal role of the institution during the COVID pandemic was greatly appreciated by the Government and public alike.

It is my immense pleasure to convey my best wishes to the dedicated faculty members, residents and students who continue to bring laurels to the institution. I am confident that this remarkable institution will witness more success and milestones, in the coming years.

My attachment to the institution stems from the fact that Safdarjung Hospital was cradle for my basic learning from 1980 to 1986. That strong base has sustained me through my journey right up to this day.

(Atul Goel)



एस. गोपालकृष्णन
विशेष सचिव
S. Gopalakrishnan
Special Secretary



भारत सरकार
स्वास्थ्य एवं परिवार कल्याण विभाग
स्वास्थ्य एवं परिवार कल्याण मंत्रालय

Government of India
Department of Health and Family Welfare
Ministry of Health and Family Welfare



Message

It gives me immense pleasure to pen this message for the Annual Report 2021 of Vardhman Mahavir Medical College and Safdarjung Hospital.

I am happy to note that Vardhman Mahavir College is amongst the emerging medical college in the country that in a short span of time has firmly established itself.

Safdarjung Hospital is one of the largest hospitals under the Ministry of Health and Family Welfare and is well known for the quality health care it provides to all strata of society since pre-independence days.

This glorious institution has speciality and super speciality departments like Dept. of Cardiac Surgery, Neurology, Urology, Pulmonary Medicine, Burn & Plastics etc. which provided modern facilities like robotic surgeries, lithotripsy, sleep laboratory, renal transplant etc at a very nominal cost. The New Emergency Building provides specialised triage and ICU facilities whereas the Sports Injury Centre, provides state of the art orthopaedic care, to patients referred from all over the country. NOTTO, the apex centre of coordination & networking for procurement, distribution & registry of organs & tissues donation & transplantation in the country is also based in its premises.

I am pleased to learn that the institution plans to create new, contemporary departments and enhance its infrastructural facilities, with the current rate of progress. I am confident that Vardhman Mahavir Medical College and Safdarjung Hospital will emerge as one of the top-ranking medical centres in the country.

I wish to compliment all the members of the faculty, residents, students and officials on this occasion.

(S. Gopalakrishnan)

The Year In Reminiscence : 2021

डॉ. एस. वी. आर्य, एम. एस. (सर्जरी)

DR. S.V. ARYA, M.S. (Surg.)

परामर्शदाता एवं आचार्य

Consultant & Professor

चिकित्सा अधीक्षक

Medical superintendent

वर्धमान महावीर मेडिकल कॉलेज एवं सफदरजुंग अस्पताल

VMMC & SAFDARJUNG HOSPITAL

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Message

Wherever the art of Medicine is loved, there is also a love of Humanity

Hippocrates

It gives me great pleasure and honour to extend my best wishes to all the members of Vardhman Mahavir Medical College and Safdarjung Hospital, extending its services with the motto **"In the service of Humanity"**.

The zeal with which the immensely dedicated faculty of this institute has been continuously working has brought laurels both in the areas of quality patient care, teaching and research. Today our college is one of the most preferred destination for both MBBS as well as MD/MS and DM/MCh courses.

Vardhman Mahavir Medical College and Safdarjung Hospital was ranked at 1st position in Kayakalp Scheme (A Government of India initiative) for the year 2020-21 in group-A Hospitals and has also been accorded the prestigious NABH (Entry level) certification.

I congratulate all the faculty members and staff of this great institution and extend my good wishes for more accolades and laurels for glorious years ahead.

DR. (PROF.) S.V. ARYA

MEDICAL SUPERINTENDENT

VMMC & SAFDARJUNG HOSPITAL

NEW DELHI.

Medical Superintendent's Message

Dr. B. L. Sherwal, Medical Superintendent, VMMC & Safdarjung Hospital



It gives me immense pleasure to share my thoughts for the annual report. From the inception of VMMC & Safdarjung Hospital, both have come a long way in the field of patient care education. The institute has almost all the specialties and super specialties and is able to provide quality care to patients from all over India.

With the pious aim of providing every possible care to the needful, the faculty and staff of Safdarjung Hospital are working day

and night relentlessly. Similarly, teaching faculty members are working day and night to make this college amongst the top 10 colleges in the country.

I would like to congratulate all the medical fraternity, other staff members and students for their achievement in various fields and wish them the best of everything to pursue their dreams. Let us keep this institute shining forever!

Principal's Overview

Dr. Geetika Khanna, Principal, VMMC & Safdarjung Hospital



The pandemic hit us in more ways than one, and we missed out on our milestones and celebrations for almost three years. It gives me great pleasure to finally extend a warm welcome to this august gathering, on the Annual Day of VMMC & Safdarjung Hospital.

In 2021, Vardhman Mahavir Medical College, firmly established itself as an Institution of Excellence in the field of Medicine. VMMC showed remarkable progress in the key areas of providing quality education, overcoming the challenges of online teaching; opening prestigious opportunities for

impactful research; and enhancing the standards of patient care. These landmark milestones were made possible by the persistent efforts of the inspired students, extremely motivated faculty as well as building up of critical support infrastructure and facilities, which would not have been possible without the support of the Ministry of Health.

VMMC continued to do well in the National Institutional Ranking Framework Survey 2021 which is an objective framework devised by the MHRD using the broad parameters of 'Teaching, Learning, Resources, Research, Professional Practices and

Outcomes". VMMC continued to be in the top twenty colleges, being ranked 18th overall in the national rankings and was ranked 8th in the India Today Survey, which also mandated the Institute as "The Best Emerging Medical College" in India.

VMMC & Safdarjung Hospital was one of the most preferred destinations in the country for admission through NEET examination into MBBS and a very popular choice for most of the postgraduate courses. This year saw the successful increase in postgraduate seats in Pediatrics, Urology, Cardiology and Neurosurgery. As a result, VMMC & Safdarjung Hospital can now boast of having one of the largest shares of affiliated seats in postgraduate courses with a total of 325 MD/MS seats; 43 seats in superspecialty fields, 7 seats of Diplomate of National Board of Examinations along with 170 MBBS, and 16 seats of Bachelor of Prosthetics and Orthotics. In addition, the faculty contributed to teaching programmes of BSc Nursing (50 seats), BSc Medical Laboratory Technology (25 Seats), BSc Medical Imaging Technology (12 Seats), and Pre-Trauma Technician course.

One of the key contributors in the success of Vardhman Mahavir Medical College and Safdarjung Hospital are the faculty members whose consistent hard work and forbearance have improved patient care, and enhanced the quality output in teaching and research. Apart from the contribution to teaching and research, academic events of international, national, and state levels were also organized by the institution including 60 workshops, seminars, and conferences. Other key events held in the year in review include "Induction Programmes for Undergraduates", "Postgraduates" and "Interns" which included workshops on communication skills, basic life support and BMW management. Besides these the Institutional Medical Education Unit conducted three Revised Basic Workshops, Curriculum Implementation and Support Programme II, Protocol Writing Workshops, Basic Research Workshop for Post Graduates, and a Question Paper Making Workshops (based on CBME).

Our faculty members were appointed as examiners for Fellowships, DNB, PhD, MD/MS and MBBS

examinations of various prestigious universities and were invited as experts in UPSC, MOHFW, and AIIMS for faculty interviews as well as Project Reviewers and Assessment Board Members for ICMR. They also served as content reviewers for several prestigious publications.

The long pending additional infrastructure project (Lecture theatres, Auditorium & Hostel complex) was kindly approved and sanctioned by the MOHFW.

The last year has witnessed accreditation of all institutional laboratories for all major investigations by NABL.

VMMC & Safdarjung Hospital became a member of the National Cancer Grid.

Monthly Multidisciplinary Case Discussions and Invited Guest Lectures were initiated. Clinical Observership was started for final and pre final year undergraduate students to orient them to the emergency clinical practices and procedures, as well as develop soft skills for effective patient care.

Mentorship programme for all new MBBS admissions is running successfully and was very helpful in identifying students with mental health issues and providing them timely help. The Counselling & Wellness Centre is now being manned 24x7 by the Psychiatry Faculty and the department of Psychiatry has initiated a monthly public lecture series and workshops on topics related to mental wellbeing and suicide prevention.

A total of 50 students availed of various scholarship schemes including the Top-Class Fellowship for Higher Education of ST Students, National Scholarship for Higher Education of ST Students, Post Matriculation Scheme for Minorities, National Talent Search Examination, various other departmental scholarships, EWS scholarship offered by Govt of NCR through GGSIP University.

The MBBS students performed well in the university examinations with a pass percentage of 92% in 1st Professional, 92.2% in 2nd Professional, 84.4% in 3rd Professional Part I and 88% in the 3rd Professional Part II Examination.

The performance of the postgraduate students was also good with a pass percentage of 97.3 in the annual university examination. Students of super specialty courses excelled with a pass percentage of 100%.

VMMC Students did well in the various postgraduate entrance examinations leading to admission into institutes of repute like AIIMS Delhi, PGI Chandigarh, RML and ESI hospitals, besides VMMC.

VMMC alumni also made their presence felt in international training programs. Several students were selected for prestigious fellowships and faculty positions in premier medical universities.

MEDSICON, a students' led conference with guest lectures, skill development workshops and practical demonstrations was successfully organized and saw enthusiastic participation by students from across the country.

VMMC submitted draft proposals for establishment of Skills Laboratory, Departments of Emergency Medicine and Hospital Administration, MD Hospital Administration, and DM Neonatology.

A proposal was also submitted to ICMR for establishment of a Multidisciplinary Research Unit and is under process.

Permission was obtained from MOHFW and interviews

held for 208 contractual posts of Assistant Professors in different departments to augment manpower.

VISION 2022

This year the main effort will be on the new competency based MBBS & Postgraduate Curriculum Planning and its implementation. The entire faculty will be trained in a phased manner in the New Curriculum development and implementation.

Efforts are on to have in place a 24 hours cafeteria for resident doctors and students in the campus along with a WIFI facility for all students and faculty. While a gym facility has started for Resident doctors, the same is being planned for undergraduate students as well.

We will also focus this year to enhance the quality of education in all the other courses that we are running and improve their standards. Also, effort will be made to have an environment which is more research oriented.

"Those who suffer need you to be something more than a doctor; they need you to be a healer. And, to become a healer, you must do something even more difficult than putting your white coat on. You must take your white coat off. You must recover, embrace, and treasure the memory of your shared, frail humanity— of the dignity in each and every soul."

***Donald M. Berwick, MD, MPP
Yale University, 2010***

EDITOR'S MUSINGS



The year 2021 will not be forgotten in a hurry. It began on an optimistic note, after a disastrous 2020, when Covid-19 pandemic wreaked havoc in every country across the globe. But the optimism of a new year was short lived. All too soon our country was in the grip of a second wave that will be remembered as one of the deadliest periods in history. Lives were lost in plenty, the medical fraternity grappled with crisis such as acute shortage of beds and even the elixir of life-oxygen! Hopes ran dry, and everybody knew somebody who had succumbed to the deadly pandemic.

Yet, in the midst of all this chaos and hopelessness, there was a silver lining. And that was the healthcare worker community-The Corona Warriors, who shone through, like the sun emerging from behind dark clouds. Our own institutional healthcare fraternity was no different. It made its own noteworthy contributions in saving lives and battling the pandemic in many ways. Also, new infrastructure and facilities were established, and offered for patient care even at a time like this. Every

department chalked out its own plans to tackle the pandemic and dived into the fray. Looking back on the year that was, we can only pat our backs and revel in the joy of a humongous task well accomplished.

What one will see in the pages that follow, is a description of the contributions of each and every department of VMMC & Safdarjung Hospital, in 2021, the pandemic notwithstanding, as they converted their tribulations into triumphs, their hopelessness to hope and their despair into dreams for the future!

In all of this, a special salute to the heads of the inseparable twin institutions- the Principal of VMMC and the Medical Superintendent of Safdarjung Hospital, who shouldered the calamities with elan and grace. A personal note of gratitude to the Principal, for placing the faith in me to deliver this onerous task of compiling the Annual Report of an institution of such mammoth proportions. A thankful shoutout to my illustrious team members, who worked tirelessly behind the scenes, and gave this report its shape, size, colour and content!

Ārogyaṁ Paramaṁ Bhāgyaṁ Svāsthyaṁ Sarvārthasādhanaṁ.

(Being healthy is the ultimate destiny and with health all other works are accomplished)

Congratulations and Welcome to VMMC & Safdarjung Hospital Family!

Dr. Abhidha, Assistant Professor,
Dept. of Radiation Oncology

Dr Ankita Aggarwal, Assistant Professor,
Dept. of Radiodiagnosis

Dr. Niharika, Assistant Professor,
Dept. of Ophthalmology

Mrs. Urmila, PHN, College of Nursing

Dr. Sana Ahuja, Assistant Professor (On Contract),
Dept. of Pathology

Dr. Pooja Anand, Assistant Professor (On Contract),
Dept. of Pharmacology

Dr. Sahil Arora, Assistant Professor (On Contract),
Dept. of Nephrology and Renal Transplant

Dr. Abhishek Bhadani, Assistant Professor,
Dept. of Medicine

Dr. Sushma Bharti, Assistant Professor (On
Contract), Dept. of Pathology

Dr Renju Binoy, Assistant Professor (On Contract),
Dept. of Nephrology and Renal Transplant

Dr. Renu Chauhan, Assistant Professor (On
Contract), Dept. of Anesthesiology

Dr. Ankur Chikara, Assistant Professor (On
Contract), Dept. of Medicine

Dr. Anju GS, Assistant Professor (On Contract),
Dept. of Pathology

Dr. Divyani Garg, Assistant Professor,
Dept. of Neurology

Dr Kirti Gehlot, Assistant Professor, Dept. of
Radiodiagnosis

Dr. Anuja Gupta, Assistant Professor (On Contract),
Dept. of Microbiology

Dr Puneet Gupta, Assistant Professor,
Dept. of Cardiology

Dr. Ratika Gupta, Assistant professor, Dept. of
Radiation Oncology

Dr. Sumedha Gupta, Asst. Prof. (On Contract),
Dept. of Obst & Gynae

Dr Chirag Jain, Assistant Professor,
Dept. of Radiology

Dr Megha Jain, Assistant Professor,
Dept. of Radiology

Dr K Kotti, Assistant Professor, Dept. of Cardiology

Dr. Ashwani Kumar, C.M.O, Dept. of Medicine

Dr Deepa Kumar, Assistant Professor,
Dept. of Nuclear Medicine

Dr. Madhur Kumar, Assistant Professor,
Dept. of CTVS

Dr. Jhanvie Manhas, Assistant Professor,
Dept. of Biochemistry

Dr Nishtha Passey, Assistant Professor,
Dept. of Physiology

Dr. Pallavi Prasad, Assistant Professor,
Dept. of Nephrology and Renal Transplant

Dr. Monisha Pradhan Prashanth, Professor,
Dept. of Forensic Medicine & Toxicology

Dr. Y M Prashanth, Assistant Professor,
Dept. of Urology & Renal Transplant

Dr. Santhosh Rajan, Assistant Professor (On
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Dr. P K Sen, Principal Advisor,
Dept. of Community Medicine

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Dept. of Anesthesiology

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(On Contract), Dept. of Pathology

Dr. Shivani Sharma, Assistant Professor,
Dept. of Medicine

Dr. Sourabh Sharma, Assistant Professor,
Dept. of Nephrology and Renal Transplant

Dr. Mayank Yadav, Assistant Professor,
Dept. of CTVS

Dr. B L Sherwal, Director Professor,
Dept. of Microbiology

Dr. Amit Kumar Singh, Assistant Professor,
Dept. of Nuclear Medicine

Dr. Priyanka Singh, Assistant Professor (On
Contract), Dept. of Pathology

Dr. Vijay Singh, Assistant Professor,
Dept. of Urology & Renal Transplant

Dr. Harlin Uppal, Assistant Professor,
Sports Injury Centre

AU REVOIR! WE WISH THEM WELL!

Dr. Arun Anand, Assistant Professor, Dept. of General Surgery
Dr. Biju M Azariah, Assistant Professor, Dept. of Radiation Oncology
Dr. Deepak Bagga, Consultant, Dept. of Pediatric Surgery
Dr. Jaspreet Singh Bajwa, Assistant Professor, Dept. of General Surgery
Dr. Sanjeev Bhalla, HAG Officer, Dept. of Medicine
Dr. Meenakshi Bhatt, Associate Professor, Dept. of Pediatrics
Dr. Manasi Bhattacharjee, Professor, Dept. of Physiology
Dr. K T Bhowmik, Principal Consultant, Dept. of Radiation Oncology (Radiotherapy)
Dr. Nikhilesh Chandra, CMO (SAG), Dept. of Anesthesiology
Dr. Ranjan Chandra, Professor, Dept. of Radiology
Dr. Leelavathi Dawson, Associate Professor & Consultant, Dept. of Pathology
Dr. Indrani Dhawan, Professor, Dept. of Pathology
Dr. Nikhil Era, Assistant Professor, Dept. of Pharmacology
Dr. Anoop Raj Gogia, Consultant & Professor, Dept of Anesthesiology
Dr. Arun Gogna, Consultant, Dept. of Medicine
Dr. Sameer Gulati, Professor, Dept. of Medicine
Dr. Sumedha Gupta, Asst. Prof. (Contractual), Dept. of Obst & Gynae
Dr. Neelima Jain, Consultant Superannuated, Dept. of Medicine
Dr. Dimple Kasana, Consultant, Dept. of Microbiology
Dr. Navnita Kisku, Assistant Professor, Dept. of CTVS
Dr. Rishikesh Kumar, Assistant Professor, Dept. of General Surgery
Dr. Sudesh Kumar, Assistant Professor, Dept. of CTVS
Dr. Arun Makkar, Assistant Professor, Dept. of Urology & Renal Transplant
Dr. Shantanu Mandal, Professor, Dept. of Otorhinolaryngology
Dr. Col. B K Nayak, Specialist, Sports Injury Centre
Dr. N. S. Negi, Consultant, Superannuated, Dept. of Medicine
Dr. Geeta Pardeshi, Professor, Dept. of Community Medicine
Dr. Pooja Prasad, Assistant Professor, Dept. of Haematology
Dr. Saumya Prasad, Assistant Professor, Dept. of Obst & Gynae
Dr. Wajid Ali Shah, Assistant Professor & Consultant, Dept. of Pathology
Dr. Charanjit Singh, Consultant, Dept. of Medicine
Dr. Sitalaksmi, CMO (SAG), Dept of Anesthesiology
Dr. B Srinivas, Professor, Dept. of Physiology
Dr. B K Tripathi, Consultant, Dept. of Medicine
Dr. Rakesh Verma, Professor and Consultant, Dept. of Cardiology

GENERAL ADMINISTRATION

The Administration of an institution of such a large stature, such as VMMC & Safdarjung Hospital, is no easy task. It is managed by highly efficient, skilled, and experienced senior medical professionals, who carry out these responsible duties, in addition to performing their routine work in their specialised spheres of medical expertise. The meticulous processes of

administration are diverse and pertain to wide ranging activities such as patient care activities, purchase/ procurement of equipment, kits, items of stationery and furniture, permissions for various departmental activities and academic and non-academic welfare activities. The following are the faculty members with administrative responsibilities (2021).



Year 2021

Sitting (Left to Right):

Dr. Prem Kumar
Dr. R K Srivastava
Dr. S V Arya
Dr. Geetika Khanna
Dr. Rajneesh Sahai
Dr. R K Wadhwa

Standing (Left to Right):

Dr R Sharma
Dr Shardendu Sharma
Dr Neeraj Gupta



Current Year

Sitting (Left to Right):

Dr. Neeraj Gupta
Dr. Jayanthi Mani
Dr. P S Bhatia
Dr. Geetika Khanna
Dr. B L Sherwal
Dr. R K Wadhwa
Dr. Vandana Chakravarty

Standing (Left to Right):

Mr Abhey Singh
Mr Atul Singh
Mr Gyan Singh Thakran
Mr Vijay Pal
Mr Sanjay Kathuria



Sitting (L to R): Dr. Mukesh Nagar, Dr. Vinod Gupta, Dr. Ranjan Wadhwa, Dr. Geetika Khanna, Dr. Dharam Singh Meena, Dr. Sachin Kolte, Dr. Renuka Sharma, Dr. Sheetal Arora

Standing 1st Row (L to R): Mrs. Geeta, Mr. Sachin, Mr. Satish, Dr. Mahendra Kathole, Dr. Amit Yadav, Dr. Diganta Borah, Dr. Vikramjeet Dutta, Mrs. Neha Kumari, Mrs. Mamta, Mr. Gopal Dutt, Mr. Navrattan Maurya, Mrs. Chandra Jayprakash.

Standing 2nd Row (L to R): Mr. Mandeep, Mr. Chandan, Mr. Kapil Kumar, Mr. Jatin, Mr. Aarif, Mr. T. Minj, Mr. Rohit, Mr. Vinod Kumar

Standing 3rd Row (L to R) : Mr. Ashish Hooda, Mr. Ankit, Mr. Jitendra, Mr. Pradeep Suri, Mr. Milan Rawat, Mr. Deepak Khatri, Mr. Gyan Singh Thakran, Mr. Rattan, Mr. Rohtashs

INSTITUTIONAL COMMITTEES

Academic Oversight Committee

Convenor: Dr. L.G. Krishna, Director Professor & HOD, Orthopaedics

Co-Convenor: Dr. Richa Kapoor, Director Professor, Community Medicine

Members:

- Dr. Ashish Jaiman, Professor, Orthopaedics
- Dr. Jugal Kishore, Director Professor & HOD, Community Medicine
- Dr. Jvotsna Suri, Consultant & Professor, Obstetrics & Gynaecology
- Dr. Renuka Sharma, Director Professor, Physiology
- Dr. Sameer Gulati, Professor, Medicine
- Dr. Shilpee Kumar, Professor, Microbiology
- Dr. Supriya Gupta, Director Professor, Physiology
- Dr. Sparsh Gupta, Professor, Pharmacology

Annual Report Committee

Convenor: Dr. Sumathi Muralidhar, Consultant & Professor, Dermatology

Co-Convenor: Dr. Vandana Mehta, Director Professor & HOD, Anatomy

Dr. Bindusar Kalita, Professor, Anatomy

Members:

- Dr. Anjali Sharma, Specialist Grade II & Assistant Professor, Pathology
- Dr. Dabet Rynga, Associate Professor, Microbiology
- Dr. Isha Preet Tuli, Professor, ENT
- Dr. Radhika Jindal, Assistant Professor, Endocrinology
- Dr. Shalini Smanla, Associate Professor, Community Medicine

- Dr. Shikha Bansal, Professor, Dermatology
- Dr. Shweta Jain, Associate Professor, PMR
- Dr. Soumen Manna, Associate Professor, Physiology
- Dr. Sparsh Gupta, Professor, Pharmacology
- Dr. Sukanya Gangopadhyay, Associate Professor, Biochemistry
- Dr. Swarna, Associate Professor, Radiology
- Dr. Vipin Gupta, Assistant Professor, Orthopaedics

Anti-Ragging Committee

Convenor: Dr. Jugal Kishore, Director Professor & HOD, Community Medicine

Co-Convenor: Dr. Dharam Singh Meena, Director Professor & Registrar, Anaesthesia

Members:

- Dr. Ashish Jaiman, Professor, Orthopaedics & Warden, Boys' Hostel
- Dr. Charanjeet Kaur, Director Professor & HOD, Biochemistry
- Dr. Diganta Borah, Professor, PMR
- Dr. Himani Ahluwalia, Director Professor & HOD, Physiology
- Dr. Mamta Panwar, Associate Professor & Assistant Warden Girls' Hostel, Anaesthesia
- Dr. Manish Kumath, Professor & Security In Charge, Forensic Medicine
- Dr. Megha Tandon, Associate Professor, Surgery
- Dr. Mohit Gupta, Professor & Assistant Warden Boys' Hostel, Forensic Medicine
- Dr. Rekha Bharti, Professor & Warden Girls'



Academic Oversight Committee

Standing 1st Row (L to R):

Dr Renuka Sharma, Dr Supriya Gupta, Dr L G Krishna, Dr Jugal Kishore, Dr Jyotsna Suri

Standing 2nd Row (L to R):

Dr Richa Kapoor, Dr Shilpee Kumar, Dr Sparsh Gupta, Dr D S Meena



Annual Report Committee

Standing 1st Row (L to R): Dr. Bindusar Kalita, Dr. Radhika Jindal, Dr. Geetika Khanna,
Dr. Sumathi Muralidhar, Dr. Vandana Mehta, Dr. Sparsh Gupta.

Standing 2nd Row (L to R): Dr. Shalini Smania, Dr. Shweta Jain, Dr. Dabet Rynga,
Dr. Sukanya Gangopadhyay, Dr. Anjali Sharma.

Standing 3rd Row (L to R): Dr. Shikha Bansal, Dr. Ishapreet Tuli, Dr. Swarna, Dr. Soumen Manna.

Hostel, Obstetrics & Gynaecology

- Dr. Renuka Sharma, Director Professor, Physiology & UG Committee Convenor,
- Dr. Sachin Kolte, Professor, Pathology & Deputy Registrar,
- Dr. Sandeep Shaina Associate Professor, Orthopaedics & Assistant Warden Boys' Hostel,
- Dr. Sarvesh Tandon Consultant & Professor, Forensic Medicine
- Dr. Surabhi Yadav, Professor, Biochemistry & Assistant Warden, Girls' Hostel,
- Dr. Vandana Mehta Director Professor & HOD, Anatomy
- Representative Member of Civil Administration
- Sr. AO/AO, Administration
- SHO, Safdarjung Enclave, N.D.
- Representative from Local Media
- NGO Representative
- Parent Representative
- Parent Representative
- TRIG Supervisor
- MCS Supervisor
- SWA and Class Representative

Biomedical waste management committee

Chairperson: Dr. B.L. Sherwal, Medical Superintendent

Addnl MS: Dr. Vandana Chakravarti

Member Secretary: Dr. Malini R Capoor, Incharge BMW

Members:

- Dr. Neeraj Gupta, Sr. CMO
- Dr. R. P. Arora, OIC Sanitation & Estate
- Dr. Vinod Chaitanya, OIC Medical Store
- Dr. Sanjay Sood, OIC SSB
- Dr. Geeta Yadav, Nodal Office BMW
- Dr. Upendra Sharma, OIC M & E
- Dr. A. K. Sharma, OIC Gen. Store
- Dr. Pankaj Ranjan, OIC OPD
- Dr. Bhoomika Gupta, Nodal Officer BMW
- Dr. Anjali Sharma, Nodal Officer BMW
- Dr. Shamshuddin Hassan, Nodal Officer BMW
- Dr. Varun Aggarwal, Nodal Officer, BMW
- Mrs Rekha Rani, ONS

- Sh. Rajeshwar Prasad, Exe. Er. CPWD (Civil)
- Sh. R. N. Singh, Exe. Er. CPWD (Elect.)
- Sh. Sachin Bhargav, HSCC

College Infrastructure Development Committee

Convenor: Dr. N. K. Gupta, Sr. CMO (HAG), Professor & HOD, PCCM

Co-Convenor: Dr. Manushree Gupta, Associate Professor, Psychiatry

Members:

- Dr. Amitabh, Associate Professor, Paediatrics
- Dr. Dharmendra Kumar Singh, Associate Professor, Radiology
- Dr. Meghraj Kundan, Associate Professor, Surgery
- Dr. Reeta Kanoujia, Associate Professor, Radiology
- Dr. Sandeep Shaina, Associate Professor, Orthopaedics
- Dr. Vivek Yadav, Associate Professor, Neurosurgery

Curriculum Committee

Member from Para-clinical Specialties:

Dr. Deepthi Nair, Consultant & Professor, Microbiology

Member from Pre-clinical Specialties:

Dr. Himani Ahluwalia, Director Professor & HOD, Physiology

MEU Coordinator: Dr. Jugal Kishore, Director Professor & HOD, Community Medicine

Member from Clinical Surgical Specialties:

Dr. Monika Gupta, Professor, Obstetrics & Gynaecology

Member from Clinical Medical Specialties:

Dr. Rachna Sehgal, Professor, Paediatrics

Hostel Committee

Convenor: Dr. Ashish Jaiman, Professor, Orthopaedics & Warden Boys' Hostel

Co-Convenor: Dr. Rekha Bharti, Professor, Obstetrics & Gynaecology & Warden Girls' Hostel

Members:

- Dr. Dharam Singh Meena, Director Professor, Anaesthesia & Registrar
- Dr. Mamta Panwar, Associate Professor,



Anti-Ragging Committee

Standing 1st Row(L to R): Dr Renuka Sharma, Dr Supriya Gupta, Dr Sarvesh Tandon,
Dr Jugal Kishore, Dr Charanjeet Kaur

Standing 2nd Row (L to R): Ms Bhavya (Student), Mr Kamal, Dr Sachin Kolte, Dr Manish Kumath,
Dr. D S Meena, Dr Mamta Pawar

Standing 3rd Row (L to R): Mr Kumar Utpal (Student), Mr Sourabh Kher, Dr Sandeep Shaina, Dr Meghraj Kundan,
Mr Sanjay Pradhan



Biomedical waste management committee

Standing 1stRow(L to R) Dr. Malini R Capoor (OIC BMW), Dr Neeraj Gupta (AMS, Kayakalp), Dr. Atul Goel (DGHS),
Dr. B.R. Sherwal (Medical Superintendent), Dr. Geetika Khanna (Principal), Dr.Vandana Chakrabarti (AMS, BMW)

Standing 2ndRow(L to R): Er. Sachin Bhargav, ANS Beena Rani, ONS Rekha Rani, Dr. Geeta Yadav, Dr. Bhoomika Gupta,
Dr. Anjali Sharma, Dr. Bhavana Singh

Standing 3rdRow(L to R): JE. Garvit Mishra, Er. B.L. Kachawah, Er. Rajeshwar Prasad, ANS Kallash, SNO Annamma
Paul, SNO Preeti Sushil



College Infrastructure Development Committee
Standing 1st Row (L to R): Dr Neeraj Gupta, Dr Geetika Khanna, Dr Rita Kanaujiya, Dr Manushree Gupta
Standing 2nd Row (L to R): Dr Meghan Kundan, Dr Vivek Yadav, Dr Sandeep Shaina, Dr Amitabh



Curriculum Committee
L to R: Dr. Isha Preet Tuli, Dr. Monika Gupta, Dr. Geetika Khanna,
 Dr. Himani Ahluwalia, Dr. Rachna Sehgal, Dr. Deepthi Nair.

Anaesthesia & Assistant Warden Girls' Hostel,

- Dr. Manish Kumath, Professor, Forensic Medicine & Security I/C
- Dr. Mohit Gupta, Professor Forensic Medicine & Assistant Warden, Boys' Hostel
- Dr. Sachin Kolte, Professor, Pathology & Deputy Registrar
- Dr. Sandeep Shaina, Associate Professor, Orthopaedics & Assistant Warden Boys' Hostel
- Dr. Surabhi Yadav, Professor, Biochemistry & Assistant Warden Girls' Hostel,
- Student Representative Boys' Hostel
- Student Representative Girls' Hostel

Institutional Ethics Committee

Chairperson: Dr. Sunita Saxena, Senior External expert

Member secretary: Dr. Sumathi Muralidhar - Senior

Internal expert Specialities:

a. Clinicians:

- Dr. Chintamani- General Surgery (Internal)
- Dr. Manushree Gupta- Psychiatry (Internal)
- Dr. Ajay Gogia- General Medicine (External)
- Dr. Anupam Prakash – General Medicine (External)
- Dr. Manju Puri-OBG (External)
- Dr. Karoon Agarwal- Plastic Surgery (External)

b. Pharmacologist:

- Dr. Harmeet Singh Rehan- Pharmacology (External)
- Dr. Veena Verma – Pharmacology (Internal)

c. Basic scientist:

Dr. Renuka Sharma- Physiology (Internal)
Dr. Jugal Kishore- Community Medicine (Internal)

d. Legal expert:

Mr. Tilakraj Talar – Legal expert (External)

e. Social scientist:

Ms. Poonam Dhanda- Social Scientist (Internal)

f. Layperson:

Ms. Vaishali Sharma Mahendra – M.Phil (External)

Total Number: 14 + (Office staff- Mr. Vikas, Mr. Ankit, Mr. J.D.Ansari)

External: Internal ratio = 7 external and 7

internal Gender distribution: 6 Females and 8 males.

Internal Complaints Committee

Convenor: Dr.Veena Verma, Director Professor & HOD, Pharmacology

Members:

- Dr. Vandana Mehta, Director Professor, Anatomy
- Dr. Hitendra Loh, Director Professor, Anatomy
- Dr.Anjali Dabral, Consultant, Obstetrics & Gynaecology
- Dr.Monika Matlani, Associate Professor, Microbiology
- Dr. Charanjit Ahluwalia, Consultant & Professor, Pathology
- Dr. Rashmi Arora, Consultant & Professor, Pathology
- Dr. Sanjay Sood, CMO, SSB
- Dr. Jaspreet Kaur, Radiotherapy
- Mrs. Asha Paliyal, DNS
- Mrs.Vaishali Sharma Mahendra, External member

Internship Committee

Convenor: Dr. Anita Khokhar, Director Professor, Community Medicine

Co-Convenor: Dr. Renuka Sharma, Director Professor, Physiology

Members:

- Dr. Davinder Singh, Director Professor, Sports Injury Centre
- Dr. Harsha Gaikwad, Professor, Obstetrics & Gynaecology
- Dr. Jainendra Kumar Arora, Professor, Surgery
- Dr. Pavan Nayar, Consultant & Professor, Anaesthesia
- Dr. Rashmoni Jana, Professor, Anatomy
- Dr. Shivlok Ambedkar, Associate Professor, Medicine

Kayakalp Committee

Chairperson: Dr. B.L. Sherwal, Medical Superintendent,



Institutional Ethics Committee

Standing 1st Row (L to R): Ms. Vaishali Sharma Mahendra, Dr. Veena Verma, Dr. Sumathi Muralidhar, Dr. Sunita Saxena, Dr. Renuka Sharma.

Standing 2nd Row (L to R): Dr Samir Bakshi, Dr Karoon Agarwal, Mr Santosh Srivastava, Dr Harmeet Singh Rehan, Ms Poonam Dandha, Dr Jugal Kishore

Standing 3rd Row (L to R): Mr Vikas, Dr Ajay Gogia, Mr Ankit



Kayakalp Committee

SITTING (L to R): Dr Neeraj Gupta (AMS, Kayakalp), Dr. B.L. Sherwal (Medical Superintendent), Dr. Atul Goel (DGHS), Dr. Geetika Khanna (Principal), Dr. Vandana Chakravarty (AMS, BMW), Dr. Malini R Capoor (OIC, Kayakalp)

Standing 1st Row (L to R): ANS Prem Rose, ANS Sunita Nagpal, ONS Rekha Rani, ANS Beena Rani, ANS Kailash Pal, Dr. R.P. Arora, Dr Rajini Gaiind

Standing 2nd Row (L to R): Er. B.L. Kachawah, Er. Rajeshwar Prasad, Dr. Gaurav Arora, Dr. Pankaj Ranjan, Dr. Mukesh Nagar, Dr. Geeta Yadav, Dr. Shalini Samanta, Dr. Bhavana Singh

Standing 3rd Row (L to R): Dr Sanjay Sood, JE. Garvit Mishra, SNO Annamma Paul, Er. Sachin Bhargava (HSCC), SNO Preeti Buzhi

Addl MS: Dr Neeraj Gupta, Sr CMO

OIC Kayakalp: Dr Malini R Capoor,

Members:

- Dr. R P Arora, OIC Sanitation & Estate
- Dr Malini R Capoor, OIC, BMW
- Dr. Rajni Gaiind, HOD Microbiology
- Dr. Sanjay Sood, OIC SSB & CSSD Laundry
- Dr Geeta Yadav, Community Medicine
- Dr Gaurav Arora, OIC, IT
- Dr. Pankaj Ranjan, OIC OPD
- Dr. Naresh Bhardwaj, OIC NEB
- Dr Shalini Smanla, Community Medicine
- Dr. Naresh Sood, OIC Main Kitchen
- Dr. Ashish Jaiman, OIC Security
- Shri Rajeshwar Prasad, Ex.Er. CPWD Civil
- Shri R.N. Singh, Ex.Er. CPWD Electrical
- ONS Mrs Rekha Rani

Kayakalp assessment group

Doctors: Dr. Sanjay Sood, Dr Geeta Yadav, Dr Pankaj Ranjan, Dr Bindu Garg, Dr Mukesh Nagar, Dr. Yogesh Gautam

Sisters: ANS. Kailash Pal, ANS Beena Rani

Massey, ANS Sunita Nagpal, ANS Prem Rose,
SNO Sunita Dixit, SNO Annama, SNO Preeti,
NO Indira

Kayakalp Supervisor: Shivshankar

Medical Education Unit

Coordinator: Dr. Jugal Kishore, Director Professor & HOD, Community Medicine

Co-Coordination:

- Dr. Amita Yadav, Professor, Biochemistry
- Dr. Vibha Uppal, Associate Professor, Biochemistry

Members:

- Dr. Anita Khokhar, Director Professor, Community Medicine
- Dr. Deepthi Nair, Consultant & Professor, Microbiology
- Dr. Harish Chellani, Consultant & Professor, Paediatrics Dr. Himani Ahluwalia, Director Professor & HOD, Physiology
- Dr. Jasbir Kaur, Professor, Anatomy
- Dr. L G Krishna, Director Professor & HOD, Orthopaedics

- Dr. Monika Gupta, Professor, Obstetrics & Gynaecology
- Dr. Nikki Sabharwal, Consultant & Professor, Anaesthesia
- Dr. Rachna Sehgal, Professor, Paediatrics
- Dr. Renuka Sharma, Director Professor, Physiology
- Dr. Richa Kapoor, Director Professor, Community Medicine
- Dr. Sachin S Kolte, Professor, Pathology
- Dr. Shilpa Suneja, Associate Professor, Biochemistry
- Dr. Supriya Gupta, Director Professor, Physiology
- Dr. Vandana Mehta, Director Professor & HOD, Anatomy

PG Complaints/Grievances Committee

Convenor: Dr. Vandana Mehta, Director Professor & HOD, Anatomy

Co-Convenor: Dr. Manushree Gupta, Associate Professor, Psychiatry

Members:

- Dr. Atri Chatterjee, Associate Professor, Neurology
- Dr. Deepthi Nair, Consultant & Professor, Microbiology
- Dr. Rekha Bharti, Obstetrics & Gynaecology
- Dr. Richa Kapoor, Dir Professor, Community Medicine
- Dr. Shaily Mina, Associate Professor, Psychiatry
- Dr. Supriya Gupta, Director Professor, Physiology
- Dr. Shalini Smanla, Associate Professor, Community Medicine

Post Graduate & DNB Committee

Convenor: Dr. Supriya Gupta, Director Professor, Physiology

Co-Convenors:

- Dr. Deepthi Nair, Consultant & Professor, Microbiology
- Dr. Rekha Bharti, Professor Obstetric & Gynaecology



Medical Education Unit

Sitting (L to R): Dr. Vandana Mehta, Dr. Renuka Sharma, Dr. Richa Kapoor, Dr. Deepthi Nair, Dr. Geetika Khanna, Dr. Jugal Kishore, Dr. Supriya Gupta, Dr. Himani Ahluwalia, Dr. Amita Yadav.

Standing (L to R): Dr. Mohit Gupta, Dr. Sachin S Kolte, Dr. Sarvesh Tandon, Dr. Monika Mattani, Dr. Sukanya Gangopadhyay, Dr Kamlesh Garg, Dr. Jasbir Kaur, Dr. Monika Gupta, Dr. Vibha Uppal, Dr. Rachna Sehgal



PG Complaints/Grievances Committee

Standing 1st Row (L to R): Dr. Shally Mina, Dr. Richa Kapoor, Dr. Geetika Khanna, Dr. Vandana Mehta, Dr. Deepthi Nair

Standing 2nd Row (L to R): Dr. Manushree Gupta, Dr Atri Chatterjee, Dr Shalini Smanla

Members:

- Dr. Chintamani, Consultant & Professor, Surgery
- Dr. Durga Karki, Professor, Burns & Plastic
- Dr. G. Usha, Consultant, Professor & HOD, Anaesthesia
- Dr. Himanshu Kataria, Director Professor, Sports Injury Centre
- Dr. Neera Choudhary, Professor & HOD, Neurology
- Dr. Richa Kapoor, Director Professor, Community Medicine
- Dr. Ritu Nair Mishra, Consultant & Professor, Radiology
- Dr. R. K. Chopra, Director Professor, Orthopaedics
- Dr. Sameer Gulati, Associate Professor, Medicine
- Dr. Sarvesh Tandon, Consultant & Professor, Forensic Medicine

Quality cell**Officer In-Charge- Dr Shilpee Kumar****Members:**

- Dr Vibha Uppal, Associate Professor, Biochemistry
- Dr Monika Matlani, Associate Professor, Microbiology
- Dr Anjali Sharma, Specialist and Assistant Professor, Pathology
- Dr Ritu Aggarwal, CMO, Obstetrics & Gynaecology
- Dr Sapna Bathla, Associate Professor, Anaesthesia
- Ms Shanu, SNO
- Ms Jisha Sree Kumaran, SNO

Research Cell (Short Term Training/ Clinical Research Assistantship/Intramural or extramural projects/PhD)**Convenor:** Dr. Vandana Mehta, Director Professor & HOD, Anatomy**Co-Convenor:** Dr. Sachin S Kolte, Professor, Pathology**Members:**

- Dr. Bindusar Kalita, Professor, Anatomy
- Dr. Charanjeet Ahluwalia, Senior Specialist & Professor, Pathology
- Dr. Dharmendra Kumar Singh, Associate Professor, Radiology
- Dr. Divya Pandey, Associate Professor, Obstetrics & Gynaecology
- Dr. Manpreet Kaur, Associate Professor, Physiology
- Dr. Manushree Gupta, Associate Professor, Psychiatry
- Dr. Megha Tandon, Associate Professor, Surgery
- Dr. Monika Matlani, Associate Professor, Microbiology
- Dr. Namita Shrivastava, Statistician, Community Member
- Dr. Navjot Kaur, Associate Professor, Pharmacology
- Dr. Sarvesh Tandon, Consultant & Professor, Forensic Medicine
- Dr. Shalini Smanla, Associate Professor, Community Medicine
- Dr. Sheetal Arora, Associate Professor, Pathology
- Dr. Shobha Sharma, Professor, Paediatrics
- Dr. Sujata Sarabahi, Consultant & Professor, Burns & Plastic
- Dr. Sumathi Muralidhar, Consultant & Professor, STD
- Dr. Veena Verma, Director Professor & HOD, Pharmacology

Skills Lab committee**Convenor:** Dr. Parul Mullick, Professor, Anaesthesia**Co-Convenor:** Dr. Rachna Sehgal, Professor, Paediatrics**Members:**

- Dr. Anubhav Gupta, Professor & HOD, CTVS
- Dr. Arin, Associate Professor, Anaesthesia
- Dr. Dharmendra Kumar Singh, Associate Professor, Radiology
- Dr. Geeta Yadav, Professor, Community



Post Graduate & DNB Committee
L to R: Dr. Rekha Bharti, Dr. Deepthi Nair, Dr. Geetika Khanna,
Dr. Sarvesh Tandon, Dr. Supriya Gupta, Dr. Richa Kapoor



Quality cell
Standing 1st Row (L to R): Dr Vibha Uppal, Dr Neeraj K Gupta, Dr Geetika Khanna,
Dr Shilpee Kumar, Dr Sapna Bathla
Standing 2nd Row (L to R): Ms Shanu, Dr Anjali Sharma, Dr Monika Matlani



Research Cell (Short Term Training/ Clinical Research Assistantship/Intramural or extramural projects/PhD)

Standing 1st Row (L to R): Dr. Sarvesh Tandon, Dr. Geetika Khanna, Dr. Vandana Mehta, Dr. Sumathi Muralidhar
Standing 2nd Row (L to R): Dr Bindusar Kalita, Dr Sachin Kolte, Dr Charanjit Ahluwalia, Dr Monika Matiani, Dr Manpreet Kaur, Dr Manushree Gupta



Skills Lab committee

Standing 1st Row (L to R): Dr. Sheeba Marwah, Dr Parul Mallick, Dr. Geetika Khanna, Dr. Rachna Sehgal, Dr. Manpreet Kaur
Standing 2nd Row (L to R): Dr Deepak Sharma, Dr Sparsh Gupta, Dr Sachin Kolte

Medicine

- Dr. Ishapreet Tuli, Professor, ENT
- Dr. Jainendra Arora, Professor, Surgery
- Dr. Manpreet Kaur, Professor, Physiology
- Dr. Niharika Chaudhary, Assistant Professor, Ophthalmology
- Dr. Niki Sabharwal, Consultant & Professor, Anaesthesia
- Dr. Paras Kathuria, Associate Professor, Medicine
- Dr. Pawan Vasudev, Professor, Urology
- Dr. Prashant Verma, Assistant Professor, Skin
- Dr. Sheeba Marwah, Associate Professor, Obstetrics & Gynaecology
- Dr. Sparsh Gupta, Professor, Pharmacology

Sports committee

Convenor: Dr. Puja Chauhan, Professor, Anatomy

Co-Convenor: Dr. Rupali Malik, Associate Professor, Medicine

Members:

- Dr. Gaurav Arora, CMO (NFSG), Anaesthesia
- Dr. Pranav Ish, Assistant Professor, Respiratory Medicine
- Dr. Pallav Mishra, Associate Professor, Sports Injury Centre

Student Grievance & Redressal Committee

Convenor: Dr. Abhilasha Yadav, Professor, Psychiatry

Co-Convenor: Dr. G A Sunil Kumar, Dir Professor, Forensic Medicine

Members:

- Dr. Manish Kumath, Professor, Forensic Medicine
- Dr. Manisha Jain, Associate Professor, Microbiology
- Dr. Puja Chauhan, Associate Professor, Anatomy
- Dr. Sheeba Marwah, Assistant Professor, Obstetrics & Gynaecology
- President, Student Welfare Association
- General Secretary, Student Welfare Association

Student Welfare & Counselling Committee

Convenor: Dr. Jatin Talwar, Professor, Orthopaedics

Co-Convenor: Dr. Manushree Gupta, Associate Professor, Psychiatry

Members:

- Dr. Bhawna Sharma, Associate Professor, Microbiology
- Dr. Jasbir Kaur, Professor, Anatomy
- Dr. Nishith Kumar, Associate Professor, Radiology
- Dr. Pankaj Verma, Senior specialist & Professor, Psychiatry
- Dr. Shalini Smanla, Associate Professor, Community Medicine
- Dr. Shailly Mina, Associate Professor, Psychiatry

Undergraduate Committee

Convenor: Dr. Renuka Sharma, Director Professor, Physiology

Co-Convenor:

- Dr. Megha Arora, Associate Professor, Biochemistry
- Dr. Sheetal Arora, Associate Professor, Pathology

Members:

- Dr. Isha Preet Tuli, Professor, ENT
- Dr. Malini Capoor, Sr. Specialist & Professor, Microbiology
- Dr. Megha Tandon, Associate Professor, Surgery
- Dr. Ravi Srinivasan, Associate Professor, Orthopaedics
- Dr. Rupali Malik, Associate Professor, Medicine
- Dr. Shilpee Kumar, Professor, Microbiology



Sports committee

Standing 1st Row (L to R): Dr Varun, Dr Gaurav Arora, Dr GA Sunil Kumar Sharma, Dr Geetika Khanna, Dr Puja Chauhan, Dr Payal

Standing 2nd Row (L to R): Dr Amit, Dr Sandeep Shalna, Dr Pallav Mishra, Dr Rupali Mallik



Student Grievance & Redressal Committee

Standing 1st Row (L to R): Dr Puja Chauhan, Dr Geetika Khanna, Dr Shilpee Kumar, Dr Abhilasha Yadav

Standing 2nd Row (L to R): Dr Sunil Kumar, Dr Manish Kumath



Student Welfare & Counselling Committee
L to R: Dr Jatin Talwar, Dr Bhavana Sharma, Dr Shalini Smania,
 Dr Geetika Khanna, Dr Manushree Gupta, Dr Pankaj Verma



Undergraduate Committee
Sitting (L to R): Dr Nishant Dev, Dr. Sheetal Arora, Dr. Renuka Sharma, Dr. Geetika Khanna,
 Dr. Mallini Capoor, Dr. Megha Arora
Standing (L to R): Dr. Rupali Malik, Dr. Isha Preet Tuli, Dr Sheeba Marwah, Dr Shilpee Kumar

Hospital Infection Control Committee

Chairperson: Dr BL Sherwal, Medical Superintendent

Addl MS: Dr PS Bhatia

Officer Incharge: Dr Rajni Gaiind

Nodal Officer: Dr Rushika Saksena

Members: Dr Geetika Khanna, Principal

Addl MS BMW

Addl MS Quality Cell

All HODs

Incharges Nursery and All ICUs

Officer Incharge Sanitation

Officer Incharge Medical Store

Officer Incharge General Store

Officer Incharge Emergency Services

ONS Rekha Rani

Infection Control Nurses (ANS Prem Rose, ANS Sunita Nagpal)

Executive Engineer CPWD (Civil)

Executive Engineer CPWD (Electrical)

Chief Sanitary Superintendent

Sanitary Superintendent



Hospital Infection Control Core Committee
L to R: ANS Prem Rose, Dr Rushika Saksena, Dr Rajni Gaiind, Dr Geetika Khanna,
Dr B L Sherwal, Dr P S Bhatia, ANS Sunita Nagpal

Surreal Experiences of COVID 19 Pandemic: Safdarjung Hospital's Journey of Grit and Courage!

Since the first COVID-19 case reported in China in November 2019, the whole world went through tremendous jeopardy. We have seen great upheaval in medical knowledge, health standards, and technology as well as in human behaviour and relations. This period has seen contrarily many losses and many achievements.

Our hospital; being a premier central government tertiary care centre in the national capital; has tackled the COVID 19 wave from the frontline.

When the first case came positive in Kerala and a few weeks later, the first one was confirmed in Delhi NCR, our hospital geared up for the pandemic.

The Super speciality building (SSB) was vacated and revamped as COVID care wards and isolation units. Slowly, all clinical departments were given areas in these newly formed COVID blocks for wholesome/ holistic treatment to COVID affected patients. Emergency surgeries were being conducted; deliveries and C sections were being offered to COVID+ patients. COVID + neonates and children were treated; ICUs were run very efficiently by our team of anaesthesiologists. New treatment regimens were formulated and patient care was uplifted by constant multidisciplinary team effort.

March 2020 onwards, many circulars were issued by the Medical Superintendent in preparation of the pandemic. All seminars, workshops, physical meetings were cancelled, elective surgeries were cancelled, OPD timings got reduced, geriatric OPD was closed, leaves of all staff were cancelled and Resident doctors were posted in COVID ward in rotational manner.

All patients who were from Delhi or nearby areas were discharged. Those from outside Delhi from distant states were only retained with only one caregiver allowed per patient.

Social distancing, use of mask and hand sanitization techniques were taught daily in OPD as well as in ward rounds to staff and patients alike. Exposure was further reduced with strategically minimizing persons in rounds/OPDs and promoting virtual discussions with other team members.

Guidelines for protection & safety during COVID-19 were issued from MoHFW during this period. Hydroxychloroquine prophylaxis was proposed to

health care workers.

Infection prevention and control program was initiated in the Hospital with regular trainings on PPE donning-doffing, mask usage, hand washing and Biomedical Waste management.

Fever screening clinic was setup in the old emergency building and suspected COVID patients were sent to COVID sampling unit in the same building for rtPCR based test following the ICMR guidelines. Rapid antigen test was also introduced in the premises later on.

As per data received from MRD section; there were 3558 COVID - 19 admissions and 915 deaths in 2020 and 1519 COVID - 19 admissions and 393 deaths in 2021.

COVID vaccination centre was established in the premises in Jan 2021 for employees as well as general public on appointment basis through COWIN app.

Medical Teaching saw a giant leap in this period. Lectures, postings, group discussions, practicals and even examinations were shifted to online mode. Medical facilitators had to learn and adapt themselves to the new tools of online teaching. Microsoft teams' platform was introduced in our medical college. Special workshops were conducted in collaboration with NITTR, Chennai to train the teachers in online teaching methodologies and soft wares. Time to time guidelines was followed from National Board of Examinations, GGSIP University for student related matters in this pandemic situation.

In spite of all the problems faced by our students, teachers, clinicians and staff pertaining to local accommodation, closure of mess, restriction of public transport, overwork and occupational hazards; our hospital put up a great show by individual multitasking, selflessness, multidisciplinary cooperation and overall ready acceptance to changes and upgradation by all members of our premier institution.

We have lost many precious lives and endured much suffering during all this turmoil yet together, as a team, we have managed to successfully survive this madness and keep the baton shining high for treatment and teaching alike.

Department of Accident & Emergency Services

PRELUDE

The Accident and Emergency Services Department receives patients from the city of Delhi and the surrounding states. More than 1200 patients visit the department daily ranging from common illness to Medical and Surgical Emergencies, polytrauma, Assault, RTA, Animal bite & Dog bite and other Emergency conditions like suspected Covid and monkeypox.

The multi disciplinary Emergency providing Medical care includes different investigations (Lab's & Radiological) modalities under one roof. The New Emergency block has state of the art facility to provide multi-disciplinary care to patients suffering from all medical and surgical emergencies, provided by Specialist doctors/SRS /JRS of various disciplines, Nurses, para-medical and support staff. The facility has been providing Emergency services 24 X 7 round the clock. The Emergency block has state of the art ICUs, OTs, Emergency receiving rooms and wards, equipped with latest technology. The Department has 60 Disaster beds with surge capacity upto 150.

The Emergency Department is functioning round the clock with doctors & staff working in shift duties.

FACULTY

- Dr. Krishan Kumar, Officer In-charge, NEB.
- Dr. Surinder Kumar Goyal, Nodal Officer & CMO I/C Casualty, NEB

NEW COURSES/SUBJECTS INTRODUCED DURING THE YEAR

- NELS training proposal sent & under process and Training Programs will start in near future.

ACHIEVEMENTS IN NEB TO IMPROVE SERVICES.

Following changes have taken place in services of new Emergency Block to improve patient services.

- "May I help you" counter established to provide assisted trolley & wheelchair to all needy patients of red and yellow category.
- Triage Desk established and is manned by one Doctor, Two Trauma Nurse coordinators and Two Social Workers.

- 4 Green Desks established for walk-in Green Patients under supervision of medical officer
- Examination Halls ER1-4 put under command of Respective specialties.
 - Hall1 (ER1)- Anaesthesia and critical care
 - Hall2 (ER2)- Paediatrics Medicine
 - Hall3 (ER3)- Surgery and Orthopedics
 - Hall4 (ER4)- Medicine
- Physical presence of faculty ensured in all Ers.
- Regular Rounds of faculty in all ERs in morning, afternoon night. Intra hospital transfers and referrals have been streamlined.
- Steps have been taken to decongest all Emergency Areas including Minor OT and Radiology and waiting period has been minimized.
- Appointment system and queue management system has been implemented.
- Safe intrahospital transfer of all patients on life support has been ensured and critical patients are being accompanied by Doctor/Paramedic.
- OSD is taking regular round and is accompanied by CMO, ANS and Supervisor of all outsourced agencies i.e., Security, Sanitation, Maintenance. Daily rounds are being taken in all Emergency Areas of NEB to monitor progress and to resolve issues to streamline and provide appropriate patient care.



L to R: Dr S K Goyal, Dr P S Bhatia, Dr Naresh Bhardwaj

Basic Sciences

- ANATOMY • BIOCHEMISTRY • COMMUNITY MEDICINE
- FORENSIC MEDICINE & TOXICOLOGY • MICROBIOLOGY
- PATHOLOGY • PHARMACOLOGY • PHYSIOLOGY

Department of Anatomy

PRELUDE

The Department of Anatomy was established in 2001 along with the inception of the College and since then has played a pivotal role in imparting anatomical knowledge and skills through Didactic Lectures and dissection sessions to both undergraduate and postgraduate students. Anatomy Department also conducts theory and practical classes for various paramedical courses like BSc Nursing, Bachelor of Prosthetics and Orthoptics (BPO), BSc in Medical Laboratory Technology course and Pre Hospital Trauma Technician course.

The Department has well equipped and functional dissection hall and histology lab with state-of-the-art facilities, museum and research immuno histochemistry lab. The Department is also engaged in imparting training for students pursuing Postgraduation (MD Anatomy). Interactive sessions and Guest lectures are organized on a regular basis. The Anatomy Department organizes several cadaveric workshops on regular basis in collaboration with clinical departments.

FACULTY

- Dr. Puja Chauhan, Professor
- Dr. Prabhat Goel, Professor
- Dr. Rashmoni Jana, Associate Professor
- Dr. Renu Baliyan Jeph, Professor
- Dr. Bindusar Kalita, Professor
- Dr. Mahendra Kathole, Professor
- Dr. Jasbir Kaur, Professor
- Dr. Mangala Kohli, Director. Professor
- Dr. Hiltendra Loh, Director. Professor
- Dr. Vandana Mehta, Director. Professor & Head
- Dr. Smita Tapas, Professor

APPOINTMENT OF FACULTY TO HIGHER POSTS

- /ASSIGNMENTS OUT SIDE PROMOTIONS
- Dr. Hiltendra Loh
- Director, National Medical Library

ASSIGNMENT IN ACADEMIC ASSOCIATIONS:

- Dr. Renu Baliyan Jeph
- Expert (UG), National Medical Commission, August – October 2021
- Dr. Mahendra Kathole

- Nodal Officer for DNB/FNB courses running under NBEMS. Centre Appraiser for FMGE & NEET PG under NBEMS January – December 2021
- **Dr. Hitendra Loh**
Centre Appraiser for FMGE & NEET PG under NBEMS, January – December 2021
- **Dr. Vandana Mehta**
Subject Expert, National Board of Examinations
Centre Appraiser for FMGE & NEET PG under NBEMSPG
- Assessor, National Medical Commission, January – December 2021

SEMINARS / CONFERENCES / WORKSHOPS

/CMEs HELD IN THE DEPARTMENT

- 2nd National Arthroscopy Knee and hip replacement workshop in collaboration with Sports Injury Centre October, 2021

SEMINARS / CONFERENCES / WORKSHOPS/

CMEs ATTENDED BY THE FACULTY

- **Dr. Vandana Mehta**
Guest speaker at "CHANCE 2021" on Changing ends in Anatomy education in Covid era" Chennai) on 18 August 2021
- Chairperson of Guest lecture at AVEOCON (Moradabad medical college), 9th & 10th July 2021
- Panelist and Chairperson of International conference of Anatomy on "Evolving trends in Anatomy", 22nd & 23rd October 2021
- IESRF Reviewer Workshop – participated as delegate, 22-24 October 2021
- Item writing workshop conducted by National Board of Examinations, 5th October 2021
- Lecture taken in Workshop on MCQ's – Framing at Revised Basic Workshop conducted by medical education unit, VMMC, August 2021.

Dr. Hitendra Loh

- Organized Webinar 'Digital Lecture Theatre for Medical Education, February 2021
- Chief Guest & Speaker for BiGinfo webinars-XIII entitled- 'Evidence Based Research in Clinical Practice: Concepts and Implementation', Aug 2021
- Nominated as Panelist at International Workshop

of Anatomy-IWA 21 (Online), Oct 2021

- Nominated as Judge at Attended International Workshop of Anatomy-IWA21 (Online), Oct 2021
- As a Judge, invited for a Dissection Competition participated by the 1st year MBBS Students at Subharti Medical College, Meerut, Oct 2021.
- **Dr. Jasbir Kaur**
Participated in international workshop of Anatomy IWA - 2021 Research Centre under the aegis of ASI from Theme being; Evolving trends in Anatomy: A global perspective. 22-23 October 2021.
- Coordinated guest lectures for various departments including as a member of medical education unit, VMMC from 3rd to 5th August 2021.
- Conducted Workshop on specific learning objectives from competencies and specify the domain and the skill level in Revised Basic Workshop conducted by Medical Education Unit, VMMC from 24-26th August, 2021

Dr. Rashmoni Jana

- Participated Indian Academy of Neurosciences workshop on "Brain imaging and mapping protocol for humans", July 2021
- Attended Medical education conference (MEDUCON-2021), 2-3rd September 2021
- Participated pre conference workshop of medical education conference (MEDUCON-2021) on "Soft Skill for Medicos", 2nd September 2021
- Participated pre conference workshop of medical education conference (MEDUCON-2021) on "Pedagogical approaches and best practices in SBME", 2nd September 2021
- Participated international workshop of Anatomy IWA-2021 on "Evolving Trends in Anatomy: A global perspective" from 22-23 October 2021

Dr Bindusar Kalita

- Attended Revised Basic Workshop conducted by medical education unit, VMMC. 24-26th August 2021

Dr Puja Chauhan

- Delivered a guest lecture on "Pros and Cons of Online Anatomy Teaching" at National Anatomy

Conference organized by Maharshi
Markandeshwar University, Mullana, Ambala

Dr Mahendra Kathole

- Attended Revised Basic Workshop conducted by medical education unit, VMMC. 24-26th August 2021

Dr Prabhat Goel

- Attended Revised Basic Workshop conducted by medical education unit, VMMC. 3rd -5th August 2021

RESEARCH: THESIS (ONGOING)

- Dr. Jivak Bansal- Histomorphological variations in dentate gyrus in post-mortem autopsy specimens in Indian population, (Guide- Dr. Puja Chauhan)
- Dr. Kancharla Emmanuel- Morphological and morphometric evaluation of semimembranosus muscle and oblique popliteal ligament, (Guide- Dr. Renu Baliyan Jeph)
- Dr. Mayank Arya- Morphology and morphometric analysis of coronary arteries and aortic valve complex in cadavers and computerized tomography angiograms, (Guide- Dr. Rashmoni Jana)
- Dr. Alok Ranjan- Anatomico-radiological study of coronary arteries and their branches with special reference to Kugel's artery, (Guide- Dr. Vandana Mehta)
- Dr. Sonam Paryani- Morphologic and morphometric analysis of dry adult human suprascapular notch in Indian population, (Guide- Dr. Mangala Kohli)
- Dr. Vikram Kumar- Morphometric study of proximal end of tibia in the Indian population, (Guide- Dr. Mangala Kohli).

RESEARCH: THESIS (COMPLETED)

- Dr. Balamurali- Morphometric analysis of lumbar intervertebral foramina using three dimensional imaging in adult north Indian population June 2019 -June 2022, (Guide- Dr. Mahendra Kathole).
- Dr. Yamini Markam- Study of suprarenal glands morphometry and its vasculature, May 2019 - April 2022, (Guide: Dr. Hitendra Loh).

GUEST LECTURES DELIVERED BY THE FACULTY.

• Dr. Vandana Mehta

- Guest speaker at "CHANCE 2021" on "Changing ends in Anatomy education in Covid era" (Chennai)
- Guest speaker at CME on "Clinical Anatomy" organized by Subharti Medical College, Meerut

Dr Hitendra Loh

- Delivered a Guest lecture on "Digital Lecture Theatre for Medical Education" at National Webinar by AD Instruments

GUEST LECTURES ORGANIZED BY THE DEPARTMENT.

Dr Rima Dada- Complex lifestyle – the role of yoga in health promotion and disease prevention held in February 2021

EXTERNAL ASSIGNMENTS OF SIGNIFICANCE

Dr Vandana Mehta- External Expert at NII (National Institute of Immunology)

BRIEF WRITE UP ON DISTINCTIONS ATTAINED IN SPORTS AND EXTRA CURRICULAR ACTIVITIES.

Dr Puja Chauhan- Professor represented Ministry of Health and Family Welfare and won the Silver Medal in Mixed Doubles and Bronze Medal in Women's Doubles in Badminton during the Interministry Badminton Tournament in 2021

Dr Puja Chauhan- Awarded the "Superaction Player Award" by Civil Services Sports Board in 2021

DISTINCTIONS ATTAINED BY STUDENTS/ RESIDENTS

Dr Deepika Poonia- Post Graduate Student, received Gold Medal in DNB (Anatomy) in 2021.

SIGNIFICANT ACHIEVEMENTS DURING THE YEAR

Dr Vandana Mehta- Contributed four chapters on Anatomy of Pelvis in book on "Labour Management" published by Francis and Taylor.

Dr Vandana Mehta - Technical expert Group (TEG) for dealing with appeals relating to the central government under NMC Act 2019 in November 2021 with approval of Honourable Minister of Health & Family welfare.



Standing 1st Row (L to R): Dr Smita Tapas, Dr Rashmoni Jana,
Dr Vandana Mehta, Dr Puja Chauhan, Dr Renu Baliyan Jeph

Standing 2nd Row (L to R): Dr Mahendra Kathole, Dr Bindusar Kalita,
Dr Hitendra Loh, Dr Prabhat Goel

Department of Biochemistry

PRELUDE

The department of Biochemistry was set up in December 2001 at the inception of the Vardhman Mahavir Medical College. The department of Biochemistry is engaged in both academics and providing laboratory services.

The department of Biochemistry is involved in running following academic courses: MBBS, affiliated to Guru Gobind Singh Indraprastha University, Delhi, recognized by NMC. M.D. (Biochemistry) affiliated to Guru Gobind Singh Indraprastha University, Delhi, recognized by NMC. BSc. (Hons.) Nursing affiliated to Guru Gobind Singh Indraprastha University, Delhi and recognized by Indian Nursing Council & Delhi Nursing Council. BSc. MLT affiliated to Guru Gobind Singh Indraprastha University, Delhi.

The department of Biochemistry has a Clinical Biochemistry Unit which is now NABL accredited & Dr. Anita Rani, Director Professor is the Unit Head. It caters to the biochemical investigations 24hrs. x 7 for in-patients as well as out-patients of the entire hospital.

There are two big laboratories running under Clinical

- Biochemistry Unit:
- Routine Biochemistry Lab – operational from 8:30 am – 4 pm (Monday-Friday); from 8:30 am – 1:00 pm (Saturday).
- 24 hrs. Emergency Biochemistry Lab – 24hrs.x 7 days operational.

The department is actively involved in quality education, medical research, training and patient care:

- ACADEMIC SERVICES: The Department of Biochemistry is consistently involved in imparting quality education to the student's taking admission under various courses like M.D. (Biochemistry), MBBS, B.Sc. Nursing and DMLT, including training programs of MRT/MRO, IGNOU students (Nursing), short-term training to the Biotechnology students.
- The faculty is also involved in thesis work of various M.D, M.S, DM, MCh and DNB students of the hospital. Mostly the work is focused on molecular and genetic research for which a

well-equipped molecular biology lab has been established in the department.

- **ROUTINE LAB SERVICES:** The total numbers of Investigations done in the Routine Biochemistry lab from (January 2021 to December 2021) were 879138. There has been a significant increase in the total numbers of Investigations done.
- **EMERGENCY LAB SERVICES:** An independent Emergency Biochemistry Lab was set up in New Emergency Block of VMMC & Safdarjung Hospital, providing services to hospital round the clock. The lab is equipped with two fully automated analyzers with throughput of 1200 tests/hr & turnaround time of less than 2.5 hrs. The lab performed 1758990 tests in the year 2021.
- **QUALITY CONTROL ASSURANCE PROGRAMME:** The Department is actively involved in quality control programme and participating in EQAS programme conducted by CMC Vellore. Internal quality is also well maintained for all instruments being used.
- The department is also involved in conducting medical examination of the candidates of civil services during their selection by conducting their lab tests.
- The department is also actively involved in conducting screening programme for the welfare of technical staff of various departments of the hospital.
- **PATIENT STATISTICS** Routine Biochemistry lab
- Total number of tests done: 879138 Emergency Biochemistry lab
- Total number of tests done: 1758990

FACULTY

- **Dr. Megha Arora**, Professor
- **Dr. Rajni Dawar**, Professor
- **Dr. Sukanya Gangopadhyay**, Associate Professor
- **Dr. Deepa Halder**, Associate Professor
- **Dr. Charanjeet Kaur**, Director Professor & H.O.D.
- **Dr. Nalini Kaushik**, SMO
- **Dr. Khageshwar Mahato**, Associate Professor

- **Dr. Anita Rani**, Director Professor
- **Dr. Vandana Saini**, Professor
- **Dr. Shilpa Suneja**, Professor
- **Dr. Vibha Uppal**, Associate Professor
- **Dr. Amita Yadav**, Professor
- **Dr. Surabhi Yadav**, Professor

NEW ADDITION TO THE FACULTY

- **Dr. Jhanvle Manhas**, Assistant Professor

APPOINTMENT OF FACULTY TO HIGHER POSTS / ASSIGNMENT OUT SIDE PROMOTIONS

- **Dr. Rajni Dawar** w.e.f. 31.10.2020, Professor
- **Dr. Megha Arora** w.e.f. 14.01.2021, Professor
- **Dr. Surabhi Yadav** w.e.f. 29.11.2020, Professor
- **Dr. Vandana Saini** w.e.f. 17.11.2020, Professor
- **Dr. Shilpa Suneja** w.e.f. 09.06.2021, Professor

DISTINCTIONS ACHIEVED BY THE MEMBERS OF THE FACULTY

- **AWARDS**
- **Dr. Charanjeet Kaur** –Outstanding contribution in Kayakalp Scheme 2020-21
- **Dr. Anita Rani** –awarded for contribution to entry level NABH certification Standards implementation in VMMC & Safdarjung Hospital
- **Dr. Anita Rani** – Award in paper presentation on “Role of serum ferritin as Prognostic marker in Breast Cancer patient” in 47th National Conference of Association of Clinical Biochemists of India on 12th to 15th, December 2021

SEMINARS / CONFERENCES / WORKSHOPS/ CMEs ATTENDED BY THE FACULTY

- **Dr. Anita Rani**
- Revised Basic Course Workshop (rBCW) I
- Medical Education Technologies conducted by Medical Education Unit, Vardhman Mahavir Medical College & Safdarjung hospital, New Delhi
- Webinar on “NABL- Medical (Entry Level)
- Testing Laboratories Recognition Program” held in October 2021.

Dr. Amita Yadav

- 28th National conference of association of Medical Biochemists of India held from

Corresponding member of Committee of Reference Intervals and Decision Limits of IFCC on 2nd -5th Dec'2021 in AIIMS, Raipur

Dr. Rajni Dawar

- 10th Annual CME of Clinical Biochemistry-2021 "Therapeutic Drug Monitoring-the right test at the right time" organized by Department of Biochemistry, Sir Ganga Ram Hospital, New Delhi & Association of Clinical Biochemists of India-Delhi Chapter on 16th November, 2021
- CME B-Kon 2021 "Diagnostic dilemmas in platelet and coagulation disorders" organized by Department of pathology, Govt. Medical College, Kottayam, Kerala held on 10th April 2021

Dr. Megha Arora

- 28th National conference of Association of Medical Biochemists of India held from 2nd -5th Dec'2021 in AIIMS, Raipur.

Dr. Surabhi Yadav

- 28th National conference of Association of Medical Biochemists of India held from 2nd -5th Dec'2021 in AIIMS, Raipur.
- **Dr. Vandana Saini**
- 28th National Conference of Association of Medical Biochemists of India "Molecular Ingress in the realm of Modern Diagnostics" organized by AIIMS Raipur from 2-5th December,2021. (Attended as Chairperson for oral paper session)
- 10th Annual CME of Clinical Biochemistry-2021 "Therapeutic Drug Monitoring-the right test at the right time" organized by Department of Biochemistry, Sir Ganga Ram Hospital, New Delhi & Association of Clinical Biochemists of India-Delhi Chapter on 16th November, 2021.
- CME B-Kon 2021 "Diagnostic dilemmas in platelet and coagulation disorders" organized by Department of pathology, Govt. Medical College, Kottayam, Kerala held on 10th April 2021. Virtual National CME on "Assault on health care workers:ways to overcome" organized by AIIMS,Telangana on 1st July 2021.

Dr. Shilpa Suneja

- Successfully completed the first contact session of CMC-FAIMER Fellowship 2021 Course from 19th to 25th May 2021(online mode).
- Resource Faculty for rBCW held on 3-5 Aug 2021 and 24-26 Aug 2021.

Dr. Sukanya Gangopadhyay

- Pre conference workshop on 'Digital Tools to improve learners' engagement' at National Conference of Health Professions education held on 28 October 2021 organized by Sri Guru Ram Das University of Health Sciences, Sri Amritsar.
- Pre conference workshop on 'Self Directed Learning' at National Conference of Health Professions education held on 27 October 2021 organized by Sri Guru Ram Das University of Health Sciences, Sri Amritsar.
- 2th National Conference of Health Professions education held in hybrid mode from 26-30 October 2021 organized by Sri Guru Ram Das University of Health Sciences, Sri Amritsar virtually.
- Lead Con 2021 "Lead, Environment & Health" held in virtual mode from 29-31 October 2021 organized by All India Institute of Medical Sciences, Jodhpur.
- 47th Annual Conference of the Association of Clinical Biochemists of India, Hybrid mode, 12-15 December, 2021, WBUHS, Kalyani, West Bengal, India.

Dr. Khageshwar Mahato

- 47th National Conference of Association of Clinical Biochemists of India from 12-15 December, 2021
- Participated in a workshop, the "Revised Basic Course Workshop in Medical Education Technologies" conducted by Medical Education unit, VMMC & Safdarjung Hospital, New Delhi on 12th to 15th December 2021

RESEARCH: THESIS (ONGOING)

- Dr. Sibasish Patro- Study of fibroblast growth factor receptor 1 and fibroblast growth factor receptor 2 gene polymorphism in carcinoma breast and its association with other biomarkers

from 2021-24 (Guide- Dr. Deepa Haldar)

- Dr. Karan Gupta- IL-18 Gene polymorphism in newly diagnosed pulmonary and extra pulmonary tuberculosis from 2021-24 (Guide: Dr. Vibha Uppal)
- Dr. Ashish Tripathi- Fok 1 Gene polymorphism and IPTH level in CKD patients from 2021-24 (Guide: Dr. Shilpa Suneja)
- Dr. Swati- Transforming growth factor beta 1 Gene polymorphism in patients of chronic kidney disease from 2021-24 (Guide: Dr. Surabhi Yadav)

RESEARCH: THESIS (COMPLETED)

- Dr. Shubham Singh- Paraoxonase 1 Q192R polymorphism in patients of chronic kidney disease from 2020-2023 (Guide: Dr. Vandana Saini)
- Dr. Prashant Tripathi- "Association of sperm DNA fragmentation index with semen parameters in infertile couples presenting in tertiary care hospital in Delhi "from 2020-2023 (Guide: Dr. Rajni Dawar)
- Dr. Md. Muntakhab- Transcription factor 712 Single Nucleotide gene Polymorphism in Patients with Type 2 Diabetes Mellitus from 2020-2023 (Guide: Dr. Sukanya Gangopadhyay)
- Dr. Madhuti Chakraborty- Vitamin D receptor gene polymorphism in female breast cancer patients from 2020-2023 (Guide: Dr. Megha Arora)

FUNDED SPECIAL GRANTS/PROJECTS DURING THE YEAR

Dr. Anita Rani Director Professor

Extramural Projects

- Evaluation of maternal and fetal outcomes in women diagnosed with GDM or normoglycemia using IADPSG criteria, among women diagnosed with normoglycemia by DISPSI criteria: Prospective multicentre observational cohort study.
- Assessment of Epidemiological & Biochemical profile of COVID-19 patients admitted in tertiary care hospital / Institute for treatment and management at Delhi.
- Generic protocol for Establishment of National

Hospital based Registry on Venous Thromboembolism at Vardhman Mahavir Medical College & Safdarjung Hospital, (ICMR National Registry on Venous Thromboembolic diseases-i-REGVED)

PUBLICATIONS OF FACULTY/ RESIDENTS

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- Tyagi N, Raj A, Sangma NA, Rani A, Kaur C. Paradoxical influence of hygiene over COVID-19 death date. *Int J Res Review.*2021;8(2):546-9.
- Rani A, Bagra P, Suri J, Dawar R. Prevalence of metabolic syndrome and insulin resistance among PCOS women attending tertiary care hospital in north Indian population. *Int JSci.Res.*2021;10(3):35-7.
- Tyagi N, Saxena A, Pandey PK, Rani A, Kaur C. Demythifying the concept of viral fever in context of COVID-19 vaccine. *Intl J Sci Hlthcr Res.*2021;6(1):188-9.
- Saini V, Dawar R, Suneja S, Gangopadhyay S, Kaur C. Can microRNA become next-generation tools in molecular diagnostics and therapeutics? A systematic review. *Egypt J Med Hum Gen.*2021Jan;22;4
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- Dawar R, Choudhary O, Saini V, Gangopadhyay S, Suneja S, Kaushik N, Kaur C. Use of Technology in Phlebotomy: how successful we are? *IJR SR* 2021;12(6):42060-61.
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- Saxena A, Suneja S, Gangopadhyay S, COVID-19: Immunopathogenesis and symptomatology in elderly. *Journal of Geriatric Care and Research.* 2021;8(1):11-6.
- Goswami R, Gangopadhyay S, Kabi BC. Oestrogen Receptor Alpha, Beta Genes and CYP17A Gene Polymorphism Analysis in Women with Uterine Leiomyoma. *Jour Clin Diag Res.* 2021Mar;15(3): GC01-GC04.
- Tyagi N, Gangopadhyay S, Kaur C. Vaccine Passport: A Futuristic Approach to Combat the Global Spread of COVID-19 Pandemic. *Front Health Inform.* 2021Apr;10:72.
- Suneja S, Gangopadhyay S, Saini V, Dawar R, Kaur C. Emerging Diabetic Novel Biomarkers of the 21st Century. *Ann Natl Acad Med Sci (India)* 2021May;00:1-13.
- Choudhary O, Dawar R, Devi A, Lal S, Gangopadhyay S, Kaushik N, Kaur C, Saliva: A potential specimen for COVID-19 testing. *Int J Clin Biochem Res.* 2021 July;8(2):79-82.
- Saxena A, Gangopadhyay S, Suneja S. SARS COV-2: exploring the virus of the century. *Int J Res Rev.* 2021;8(8):459-67.

DISTINCTIONS ATTAINED BY STUDENTS/RESIDENTS

- Dr. Snehal S. Sawant (PG) Awarded paper Role of serum ferritin as Prognostic marker in Breast

Cancer patient in 47th National Conference of Association of Clinical Biochemists of India.

SIGNIFICANT ACHIEVEMENTS DURING THE YEAR

- **Academic Services:** The Department of Biochemistry is consistently involved in imparting quality education to the student's taking admission under various courses like M.D. (Biochemistry), MBBS, B.Sc. Nursing and DMLT, including training programs of MRT/MRO, IGNOU students (Nursing), short-term training to the Biotechnology students.
- **Research Work:** The Faculty is also involved in thesis work of various M.D, M.S, DM, M.Ch. and DNB students of the hospital. Mostly the work is focused on molecular and genetic research for which a well-equipped molecular biology lab has been established in the department.

ACHIEVEMENTS OF CLINICAL BIOCHEMISTRY UNIT IN 2021

- **NABL Accreditation of Clinical Biochemistry Unit-** The Clinical Biochemistry Unit ventured towards NABL accreditation of the laboratories as per ISO 15189:2012, so as to get its quality work certified and to ensure trust and rapport with its consumers (patients and clinicians) and providing confidence in diagnosis and treatment. For this mammoth task of accreditation in the category of 'very large laboratory' in a government setup catering to more than 1600 patients per day and more than 4.5 lakh investigations per month; preparations were being done more than one year before submitting the application to NABL. NABL audit of Clinical Biochemistry Unit for all the labs was conducted on 14th & 15th July 2021. The audit was very successful and the department received much accolade. The NABL certificate (MC-4647) was awarded on 27.08.2021. Ours is the first central government biochemistry lab to be NABL accredited in Delhi.
- **Role of Clinical Biochemistry Unit in COVID 19 Pandemic**

There were several new measures taken with respect to the current COVID-19 pandemic in the Clinical Biochemistry Unit. Biochemical tests of COVID-19 samples from suspected and confirmed cases are processed in the Biochemistry Lab, New

Emergency Block. Apart from the routine tests done in emergency lab, several new tests were started for COVID-19 patients namely, Calcium, Phosphorous, Magnesium, LDH, procalcitonin, hsCRP, Lipid Profile so as to facilitate diagnosis and management of COVID-19 patients.

To streamline the working process, additional SOPs were made to handle COVID-19 samples:

- SOP for safety precautions for patients, attendants and visitors to follow during COVID-19 pandemic and processing of COVID-19 samples.
- SOP for disposal of COVID-19 waste as per updated BMW guidelines of Safdarjung Hospital.
- SOP for proper usage and disposal of N95 mask & PPE kits.
- Training for all technical and non-technical staff was conducted.

Role of Clinical Biochemistry Unit in NABH

Accreditation of Hospital

The Department has also participated actively in implementing the required documentation and procedures for successful NABH pre-entry level accreditation of the hospital.

Initiation of new Biochemical Parameters

To cope up with advances in patient care,

additional new biochemical tests were started routine biochemistry lab, Clinical Biochemistry Unit like Serum Magnesium, Procalcitonin, hsCRP and various Urinary Parameters like 24 hr Urine Sodium, Potassium, Chloride, Urea, Uric Acid etc.

Expansion of scope of Quality Assurance Programme

The Clinical Biochemistry Laboratory is actively involved in quality control and is participating in EQAS programme conducted by CMC Vellore.

Internal Quality control is also well maintained for all test parameters. New parameters like S Magnesium, S Chloride and S. Amylase were added in the quality assurance programme during this period to expand our horizons in quality care.

Role of Clinical Biochemistry Unit in helping Poisoning Management Unit

The Clinical Biochemistry Unit has started processing samples received from poisoning management unit for ethyl alcohol and cholinesterase measurement since Sept 2021.

Release of 100% printed Reports

In our recent achievement, we are the first lab in the hospital to release 100% printed reports, thus moving steadily towards achieving our quality goal.



Sitting (L to R): Dr. Rajni Dewar, Dr. Amita Yadav, Dr. Charanjeet Kaur, Dr. Anita Rani, Dr. Sukanya Gangopadhyay, Dr. Khageshwar Mahato.

Standing (L to R): Dr. Vandana Saini, Dr. Shilpa Suneja, Dr. Megha Arora, Dr. Surabhi Yadav, Dr. Deepa Halder, Dr. Vibha Uppal, Dr. Nalini Kaushik

Department of Community Medicine

PRELUDE

The Department of Community Medicine at VMMC and Safdarjung Hospital is committed to providing quality education to its undergraduate and post-graduate students and quality care to the community. The Department is catering to the rural populations of Najafgarh and Fatehpur Beri, along with the urban slum residents of Aliganj, KotlaMubarakpur via its three health centers. Along with providing basic health services, research is conducted, not only to facilitate excellence in academics, but also to provide the necessary interventions for the benefit of the community.

Services offered by Department:

Teaching/Training

- Teaching & Training of undergraduate medical students.
- Teaching & Training of Postgraduate Students
- Teaching & Training of nursing students (of Raj Kumari Amrit Kaur, Nursing College, Delhi), MLT students & PGDMCH (Post graduate Diploma in maternal & child Health) students from IGNOU.
- Training of Interns & Externs vTraining of Paramedical staff
- The Department of Community Medicine is a nodal centre for Integrated Disease Surveillance Project (IDSP).
- Coordination of Medical Examination of students at the time of admission.

Services to the Community:

A. PRIMARY HEALTH CENTRE, FATEHPUR BERI
PHC, Fatehpur Beri is located at 20 km from VMMC. It caters to a population of 73,000.

Services provided:

- General OPD Services
- Maternal & Child Health Services
- Age Friendly Clinic
- Non-Communicable Disease (NCD) Clinic
- Eye OPD
- Well Baby Clinics held two days in a week for Nutritional status and growth assessment of under-5 children, counseling of mothers regarding feeding and child care, follow-up of malnourished children.

- **ANIMAL BITE CLINIC** - Providing assessment of animal bites, provision of first aid, anti-rabies vaccination and TT vaccination to the patients.
- **DOTS CENTER** -The DOTS centre in the UPHC provides the services of sputum microscopy, distribution of ATT and maintenance of records.
- **Dental OPD** - Dental OPD is held six days a week.

OUT REACH ACTIVITIES

- Medical camps
- Multiple health camps conducted in collaboration with MCW Centre at Kharak, Chandan Hola, Bhati.

Field visits

- House to house visits in Kharak and Chandan Hola villages for counselling and motivating families showing resistance to immunization of children.
- Population surveys of the villages attached to the PHC.

B. RURAL HEALTH TRAINING CENTRE, NAJAFGARH

Rural Health Training Centre (RHTC), Najafgarh is located at a distance of 35 km. from VMMC and it caters to a population of 1, 60,000.

Services provided:

- Training of Interns & Externs
- OPD services:
- Maternal and child health clinic
- Growth monitoring of under-five children
- Immunization clinic.
- Ante-natal clinic
- Health education and counseling
- School health.
- DOTS Centre: The DOTS centre in the RHTC provides the services of sputum microscopy, distribution of ATT and maintenance of records.

Weekly Yoga sessions:

With help of a local yoga teacher, we started weekly yoga sessions at RHTC, Najafgarh for patients visiting OPDs, keeping in view the idea of holistic health

C. URBAN HEALTH CENTRE, ALIGANJ

The UHTC at Aliganj is operational since February 2012, and is situated 2 kilometres away from Safdarjung Hospital. It caters to a population of

approximately 6500, comprising mainly of migrants.

Services offered:

- General OPD
- Non-Communicable Diseases (NCDs) screening OPD
- NCD clinic
- Family planning services
- Health education and counseling
- Record keeping
- Referral services
- Surveys
- Lab investigations.
- Outreach services for community mobilization during immunization services conducted by Anganwadi workers.

Preventive Health and Screening OPD

The preventive health and screening OPD was commemorated on 2nd September, 2021. It is situated in the first floor of the new OPD block (Room No. 104, 105, 106 & 107). It is operational from 9AM to 4PM on weekdays (Mon – Fri) and till 1PM on Saturdays.

Services Offered:

- Growth Monitoring & Nutrition Clinic
- NCD Screening Clinic
- Maternal Health Clinic
- Relationship & Marriage counselling Clinic
- Occupational & Environmental Health Clinic
- Faculty details- 12 faculty plus one statistician cum lecturer

FACULTY

- **Dr. V.P. Gautam**, Professor
- **Dr. Pratima Gedam**, Assistant Professor
- **Dr. Anita Khokhar**, Director Professor
- **Dr. Jugal Kishore**, Director Prof. & Head
- **Dr. Shveta Lukhmana**, Assistant Professor
- **Dr. Shalini Smanla**, Professor
- **Dr. Richa Talwar**, Director Professor
- **Dr. Poornima Tiwari**, Director Professor
- **Dr. Anita Verma**, Director Professor
- **Dr. Geeta Yadav**, Professor

NEW ADDITION TO THE FACULTY

- **Dr. P.K. Sen**, Principal Advisor

FACULTY MEMBERS WHO LEFT THE DEPARTMENT

- **Dr. Geeta Pardeshi** Professor

DISTINCTIONS ACHIEVED BY THE MEMBERS OF THE FACULTY

AWARDS

Dr. Jugal Kishore

- Most Prestigious Hakeem Ajmal Khan International Award 2021* for the promotion of Unani Medicine is bestowed by All India Unani Tibbi Congress on World Unani Medicine Day 12th Feb 2021.

SEMINARS / CONFERENCES / WORKSHOPS

/CMEs HELD IN THE DEPARTMENT

- Communication Skill & Stress Management Workshop 01.01.2021
- Organized Public Health Lecture in view of Swachhta Pakhwada (being observed from 01.04.21 to 15.04.21) in Safdarjung Hospital.12.04.21
- Communication Skill & Stress Management Workshop for Interns 22.07.21
- Communication Skill & Stress Management Workshop for Interns 01.09.21
- Organized Seminar on "Independent India @ 75: Self Reliance with Integrity" during Vigilance Awareness Week 2021 29.10.21
- Communication Skill & Stress Management Workshop for Interns 01.11.21

SEMINARS / CONFERENCES / WORKSHOPS/ CMEs ATTENDED BY THE FACULTY

Dr. Jugal Kishore

- Seminar on Independent India @ 75: Self Reliance with Integrity during the Vigilance Week celebration in VMMC & SJH. 29.10.21
- 11th National Conference on One Health Initiative on Prevention of Emerging and Re-emerging Zoonotic Diseases to be held on Zoom organized by Millennium India Education Foundation and Department of Community medicine, VMMC & SJH and Community Medicine, Seth G.S. Medical College & KEM Hospital Mumbai and Heart Care Foundation of India. 06.07.21
- Revised Basic Course Workshop (rBCW) in Medical Education Technologies for faculty of VMMC & SJH 3-5 August 2021
- First Health Professionals for executive

program in Public Health Policy, Leadership and Management offered by School of Public Health at AIIMS, Jodhpur 07.08.21 to 11.08.21

- Revised Basic Course Workshop (rBCW) in Medical Education Technologies for faculty of VMMC & SJH. 24-26 August 2021
- Three days Online Training Program on "Covid -Biodisaster: Preparedness, Response & Resilience of Occupational Settings" organized by Association of Occupational & Environmental health in collaboration with CDC India and NIDM. 27-29 May 2021.

Dr. Anita Khokhar

- MOHFW, ECHO conference, Speaker Overview of cancers in India, 2021
- Attended Training workshop on early detection of breast cancer for school teachers of MCD primary school, Aliganj, Delhi
- Attended Training workshop on early detection of breast cancer for school teachers of RBSSKY, INA, Delhi
- Attended Training workshop on early detection of breast cancer for school teachers of NAVODAY SCHOOL, Delhi
- Attended Training workshop on early detection of breast cancer for school teachers of KV, INA,

Dr. Richa Kapoor

- Revised Basic Course Workshop (rBCW) in Medical Education Technologies for faculty of VMMC & SJH, 3-5 August 2021
- Revised Basic Course Workshop (rBCW) in Medical Education Technologies for faculty of VMMC & SJH. 24-26 August 2021
- Workshop on Electives in Medical Education Technologies for faculty of VMMC & SJH Dec 2021

Dr. Geeta Yadav

- Attended first Health Professionals for executive program in Public Health Policy, Leadership and Management offered by School of Public Health (SPH) at AIIMS, Jodhpur 07.08.21 to 11.08.21

RESEARCH: THESIS (ONGOING)

- Dr. Neha Yadav, A Study On Prevalence of Occupational Stress And Coping Strategies Among Police Personnel In Delhi (Guide-Dr. Geeta Yadav)

- Dr. Chirag Sandoja, A Cross Sectional Study on The Prevalence Of Insomnia And Associated Factors In The Elderly Population Of Delhi (Guide- Dr. Jugal Kishore)
- Dr. Vignitha B, A Community Based Study Reproductive Empowerment Of Women Aged 15-49 Years In A Rural Area Of Delhi (Guide- Dr. Shalini Smanla)
- Dr. Mohd Alam, A Community Based Study Of Treatment Compliance And Health Seeking Behaviour Among Diabetes Mellitus Type 2 Patients In A Rural Area Of Delhi (Guide-Dr. Richa Kapoor)
- Dr. Sunom M. Lepcha, Prevalence of Risk Factors For Breast Cancer Among Women Aged More Than 30 Years In Rural Delhi (Guide- Dr. Anita Khokhar)
- Dr. Ravindra Nath, A Cross Sectional Study To Assess The Satisfaction Among Tuberculosis Patients Undergoing Treatment At Dots Centres Of A Selected Tuberculosis Unit (Tbu) In South Delhi (Guide- Dr. Poornima Tiwari)
- Dr. Siddharth Sekhri, Study Of Prevalence Of Depression Among Patients Attending Non-Communicable Diseases Clinic In A Rural Area Of Delhi (Guide-Dr. Anita Verma)

RESEARCH: THESIS (COMPLETED)

- Dr. Suraj P. Singh (MD)- Out-of-pocket Expenditure on Healthcare and the Protective Mechanisms against it amongst Households in an Urban Village in Delhi, (Guide- Dr. Anita Khokhar)
- Dr. Aritrik Das (MD)-A Cross-Sectional Study Of Noise And Its Non-Auditory Effects Among Staff At A Tertiary Care Hospital In New Delhi, (Guide- Dr. Jugal Kishore).
- Dr. Yukti Bhandari (MD)-A Cross-Sectional Study On Prevalence And Patterns Of Tobacco Use And Knowledge Of Its Harmful Effects In An Urbanised Village, Delhi, , (Guide- Dr. Jugal Kishore).
- Dr. Mohit Goyal (MD)- Prevalence of health risk behaviors and associated factors amongst undergraduate college students of Delhi, (Guide -Dr. Anita Verma)
- Dr. Thilagar M (MD)- Burden of Overweight And Obesity Among Secondary And Senior

Secondary Students Of New Delhi Municipal Council Schools, (Guide- Dr. Poornima Tiwari).

- Dr. Deepak Yadav (MD)- Knowledge And Practice Of Private Practitioners Regarding Diagnosis And Treatment Of Pulmonary Tuberculosis In An Urban Area Of Delhi: A Cross Sectional Study, (Guide- Dr. Geeta Yadav)
- Dr. Prateek Goyal (MD)- A cross sectional study of Internet Addiction and its association with Quality of Life among College students of South Delhi, (Guide- Dr. Richa Kapoor)

FUNDED SPECIAL GRANTS/PROJECTS DURING THE YEAR ONGOING

Jugal Kishore

- Task force study for evaluation of community level acceptability, scalability and linkage within health system of ICMR pre-validated Labike technologies for screening & diagnosis in vulnerable remote, rural & urban population- "An implementation research" Chikitsa- Chikitsak Appke Dwar- funded by ICMR (3 crores) for 2 years.
- Application of Geotagging in identification of Hotspots and real time monitoring of Non-communicable Diseases (NCDs) under Ayushman Bharat" ICMR Sanctioned project 2021 for 49 lakhs
- PEP++ Stop Leprosy Transmission. Multicentric study of NLR, Netherland 2017-2022. NLR India
- Health & Nutrition status of migrant Tribal in Delhi. ICMR Project 2019-2021 funded by ICMR for 40 lakhs
- ICMR National Taskforce on Operation Research on COVID - Mental Health and Social Stigma among Healthcare Personnel involved in the management of Covid-19 Patients in India funded by ICMR for 5 lakhs

Dr Geeta Yadav

- Capacity Building for undertaking the " Phase III, randomized, double-blind placebo controlled trial to evaluate the efficacy and safety of VPM1002 and Mw (MIP) vaccines in preventing TB in healthy household contacts of new pulmonary TB patients ICMR funded for One year (20 lakhs)

PUBLICATIONS OF FACULTY/ RESIDENTS

- Kumari A, Malik S, Kishore J. Assessment of physical and sexual quality of life in women undergoing planned hysterectomy in tertiary care hospital. *Intl J Reprod Contr Obs Gyne*. 2021;10(6):2448-52.
- Nazli T, Kishore J, Raheem A, Ansari IA, Ghai AS, Heena. Clinico-epidemiological Profile and Social Stigma in Hospitalised RT-PCR Confirmed COVID-19 Cases with and without comorbidity. *Epidem Int*. 2021;6(1):1-8
- Aravind Gandhi P, Venkatesh U, Tiwari P, Kishore J. An initiative to improve nutritional education among medical students. *Med J Armed Forces India*. 2021 Feb;77(Suppl 1):S190-S194.
- Bharti A, Kapoor R, Maheshwari S, Rath Y, Sharma V, Mogan K, et al. Sleep pattern and perceived stress among Undergraduate students of a medical college in Delhi. *IAR J Med Sci*. 2021 Mar;2(2):28-33.
- Aravind Gandhi P, Venkatesh U, Tiwari P, Kishore J. An initiative to improve nutritional education among medical students. *Med J Armed Forces India*. 2021 Feb;77(Suppl1): S190-S194.
- Doley P, Yadav G, Gupta M, Muralidhar S. Knowledge, health seeking behavior and barriers for treatment of reproductive tract infections among married women of reproductive age in Delhi . *Int J Comm Med Pub Health*. 2021;2:591-6.
- Malhotra A, Siwach I, Yadav G. Knowledge and attitude for information gathering practices related to COVID-19: a cross sectional study amongst healthcare workers in New Delhi. *Int J Comm Med Pub Health*. 2021;2: 4392-4401
- Ghai G, Gedam P, Kishore J. COVID-19, Equity and Fair Priority Vaccination, *Int. J. Preven. Curat. Comm. Med.* 2021;7(1);1-3.
- TMGH-Global COVID-19 Collaborative. Psychological Impacts and Post-Traumatic Stress Disorder among People under COVID-19 Quarantine and Isolation: A Global Survey. *Int. J. Environ. Res. Pub Health* 2021;18:5719.
- Huy NT, Nguyen Tran MD, Mohammed Alhady

- ST, Luu MN, Hassan AK, Giang TV, et al. Perceived stress of quarantine and isolation during COVID-19 pandemic: A Global Survey Running head: COVID-19 perceived stress of quarantine and isolation. *Frontiers in Psychiatry*. 2021;12:651.
- Sharma A, Venkatesh U, Dong V, Raut A, Tawfik GM, Ng SJ, et al. Universal checklist for COVID -19 control measures: consensus via a Delphi method. *Clin Med (Lond)*. 2021;21(2);25-6.
- Kishore J, Venkatesh U, Ghai G, Heena, Kumar P. Perception and attitude towards COVID-19 Vaccination: a preliminary online survey from India. *J Family Med Prim Care*. 2021 Aug; 10(8): 3116–21.
- Aravind Gandhi P, Venkatesh U, Tiwari P, Kishore J. An initiative to improve nutritional education among medical students. *Med J Armed Forces India*. 2021 Feb;77(Suppl 1):S190-S194.

BOOK CHAPTERS

Dr. Jugal Kishore

- RC Jiloha, Kishore J. COVID -19: epidemiological and Mental Health Challenges. New Delhi. Century Publications. 2021
- J Kishore, Gedam P. Question Bank Community Medicine. 2nd Ed. New Delhi. Century Publications 2021.
- **ANY SIGNIFICANT FACILITY CREATED IN THE CURRENT YEAR**

The preventive health and screening OPD was commemorated on 2nd September, 2021. It is situated in the first floor of the new OPD block (Room No. 104, 105, 106 & 107). It is operational from 9AM to 4PM on weekdays (Mon – Fri) and till 1PM on Saturdays.

SOCIAL/PUBLIC SERVICE DONE BY THE DEPARTMENT

Training programme on sexual harassment was conducted by Department of Community Medicine on 22.03.21 at 2:30 PM in LT-3, VMMC building.

Three Health Centres and One OPD are attached with Department of Community Medicine:



***Sitting (L to R): Dr. V.P. Gautam, Dr. Richa Kapoor, Dr. Jugal Kishore, Dr. Anita Khokhar,
Dr. Poonima Tiwari, Dr. Anita Verma
Standing (L to R): Dr. Pratima Gedam, Dr. Namita Shrivastava, Dr. Shalini Smnala,
Dr. Geeta Yadav, Dr. Shweta Lukhmana***

Department of Forensic Medicine & Toxicology

PRELUDE

The Department of Forensic Medicine & Toxicology, VMMC & Safdarjung Hospital is having mortuary facilities with cold storage to preserve 100 dead bodies.

Medico-legal postmortem:

The Department is responsible for conducting postmortem examination of all medico-legal cases who expire within the Police jurisdiction of South-West district. In addition to this Postmortem are also conducting of all the admitted Medico-legal cases from other districts and Medico-legal cases coming from outside Delhi.

New Services:

- **GYNAE FORENSIC UNIT-**
Started Gynae Forensic Unit with Gynae department for antemortem medico-legal work.
- **FORENSIC RADIOLOGY-**
Started posting of residents in Casualty and Radiology to develop the sub-specialty of Forensic Radiology.

FACULTY

- **Dr. Mohit Gupta**, Professor
- **Dr. G. V. Jain**, Professor
- **Dr. G. V. Jain**, Professor
- **Dr. Sanjay Kumar**, Professor
- **Dr. Manish Kumath**, Professor
- **Dr. Anil Kumar Mittal**, Director Professor
- **Dr. Monisha Pradhan**, Professor
- **Dr. G. A. Sunil Kumar Sharma**, Director Professor
- **Dr. S. K. Tandon**, Consultant, Professor & Head
- **Dr. M. K. Wahi**, Director Professor

NEW ADDITION TO THE FACULTY

- **Dr. Monisha Pradhan**, Professor

ASSIGNMENT IN ACADEMIC ASSOCIATIONS:

- **Dr. Manish Kumath**, Indian Academy of Forensic Medicine Joint Secretary (Central Zone) 2019-2022

DISTINCTIONS ACHIEVED BY THE MEMBERS OF THE FACULTY

AWARDS

- **Dr. Sanjay Kumar-** Certificate of Recommendation of distinguished services as Jury for scientific sessions in the 17th Annual International Conference of South India Medico-legal Association (SIMLA 2021) organized by AIIMS, Bibinagar, along with the memento. 05/10/21-06/10/21
- **Dr. Manish Kumath-** Awarded for outstanding contribution to Kayakalp Scheme in 2017-2018 & 2018-2019 by the MS & OIC Kayakalp scheme 02/11/2021 Awarded an appreciation for outstanding services to the hospital. 15/08/2021
- **Dr. G.A. Sunil Kumar Sharma-** Awarded an appreciation for outstanding services to the hospital. 15/08/2021

SEMINARS / CONFERENCES / WORKSHOPS /CMEs HELD IN THE DEPARTMENT.

National Level virtual Panel Discussion on "Examination of Sexual Assault Survivor- Role of Forensic Medicine" 29th October 2021

SEMINARS / CONFERENCES / WORKSHOPS/ CMEs ATTENDED BY THE FACULTY

Dr. Mohit Gupta

- 15th Annual National Conference of Indian Society of Toxicology TOXOCON-15. Madurai, Tamil Nadu 10/12/2021 TO 12/12/2021
- CME- Assault on Healthcare Workers: Ways to Overcome. Organized by Department of Forensic Medicine & Toxicology, AIIMS, Bibinagar, Hyderabad 01/07/2021
- CME (Online)- "Pathogenesis in COVID — 19 fatalities: under the lens of Forensic Medicine organized by Pondicherry Institute of Medical Sciences 03/09/2021
- CME- Toxicology and Radiology: An update in Current Medical Education organized by Kasturba Medical College, Manipal 15/09/2021

Dr. Sanjay Kumar

- Attended National Virtual CME on DNA Fingerprinting: Past, Present & Future, organized

by the Department of Forensic Medicine & Toxicology, AIIMS, Bhatinda, Punjab 12/06/2021

- FORENSIC COVIDCON 2021, 18th Conference of Indian Congress of Forensic Medicine & Toxicology (I.C.F.M.T) & 5th Conference of Society for Prevention of Injuries & Corporal Punishment (S.P.I.C.), Organized by Department of Forensic Medicine & Department of General Medicine Pandit Jawahar Lal Nehru Govt. Medical College & Hospital Chamba (H.P), 25/09/2021
- SIMLA 2021, the 17th Annual International virtual Conference of South India Medico-Legal Association (SIMLA 2021), organized by DEPARTMENT OF FORENSIC MEDICINE & TOXICOLOGY. All India Institute of Medical Sciences, Bibinagar, Hyderabad. 05/10/2021 TO 06/10/2021

Dr. Manish Kumath

- FORENSIC MEDICON 2021- IAFM Cuttack. 42nd Annual National Conference of Indian Academy of Forensic Medicine, at SCB Medical College and Hospital, Cuttack, Orissa 23/01/2021 TO 24/01/2021

Dr. Anil Kumar Mittal

- FORENSIC MEDICON 2021- IAFM Cuttack. 42nd Annual National Conference of Indian Academy of Forensic Medicine: Forensic Medicon 2021. Cuttack (Virtual). 23/01/2021 TO 24/01/2021
- Training Programme on Critical Thinking & Problem-Solving Techniques" (online) at ISTM Online 25/10/2021 TO 26/10/2021

Dr. Monisha Pradhan

- 43rd Annual AOGD Conference, Pre-conference workshop to deliver a session on "Medicolegal Concerns in Obstetrics & Gynecology at VMMC & SJH, New Delhi 14/11/2021

Dr. G. A. Sunil K. Sharma

- FORENSIC MEDICON 2021- IAFM Cuttack. 42nd Annual National Conference of Indian Academy of Forensic Medicine: Forensic Medicon 2021. Cuttack (Virtual). 23/01/2021 TO 24/01/2021

Dr. S. K. Tandon

- FORENSIC MEDICON 2021– IAFM Cuttack. 42nd Annual National Conference of Indian Academy of Forensic Medicine: Forensic Medicon 2021. Cuttack (Virtual). 23/01/2021 TO 24/01/2021

RESEARCH: THESIS (ONGOING)

- Dr. Surya Kiran Panga-Autopsy and radiological study on sternum to determine sex stature and age 2019-2022 (Guide-Dr. M. K. Wahi).
- Dr. Dibya Sharma-Autopsy study to determine histopathological changes in heart due to electrical injuries 2019-2022 Guide-Dr. G.A. Sunil Kumar Sharma).
- Dr. Lakhan Navlani Autopsy study to determine histopathological changes in human pituitary gland in cases of traumatic brain injury 2019-2022 (Guide Dr. Mohit Gupta).
- Dr. Abhimanyu Khutell Sex determination and estimation of stature using foot dimensions in north Indian population 2019-2022 (Guide-Dr. Manish Kumath).
- Dr. Munesh Kumar Histopathological changes in medico-legal autopsy cases to determine cause of sudden death in young adults 2020-2023 (Guide- Dr. S. K. Tandon).

PUBLICATIONS OF FACULTY/RESIDENTS

- Kulshrestha V, Kumar M, Sharma GASK, Tandon S, Aggarwal M, Zaheer S. Metastatic squamous cell carcinoma to the heart- a case report. *Int J Cur Adv Res*. 2021 Jun;10(06):24538-40.
- Kulshrestha V, Anand A, Sharma D, Panga SK, Sharma GASK, Tandon S. Study of custodial deaths in Safdarjung hospital, New Delhi - an autopsy based retrospective study. *Int J Cur Adv Res* 2021 May;10(05):24402-05.
- Anand A, Panga SK, Kulshrestha V, Ashraf L, Sharma D, Sharma GASK. Autopsy findings and duration of survival in suicidal hanging deaths in Delhi- a retrospective study. *Int J Cur Adv Res* 2021 Aug;10(08):24996-99.
- Anand A, Gupta M, Kumath M, Kumar S. Spontaneous rupture of splenic artery aneurysm in pregnancy: an autopsy-based case report. *Int J Reprod Contra Obs Gynaec*. 2021 Apr;10(4):1739-41.

- Dash S, Kumar P, Vamseedhara M, Kumath M, Sharma S. Study of clinical pattern of limb loss in electrical burn injuries. *INJURY Intl J care of injured*. 2021 July;52(7):1925-33.
- Abhishek Yadav A, Vignesh Raj K, Singh S, Kumath M. Atypical Firearm Wounds, One Projectile Leading to Multiple Injuries: Correct Interpretation and Correlation. *J Forensic Chemistry Toxicol*. 2021;7(1):29–31.
- Anand A, Kumar M, Navlani L, Gupta M, Sharma GA, Kumath M. Inquest by Sub-Divisional Magistrate- Demographic pattern of deaths of women within seven years of their marriages in Delhi and NCR. *J Punjab Acad Forensic Med Toxicol*. 2021;21(2):7-10
- Monisha Pradhan, B C Koner. Postmortem Serum Levels of Beta Tryptase and Total IgE in Non-Anaphylactic Deaths". *J Forensic Med Toxicol*. 2021;38:45-50.
- Gupta M, Dangra K. Delay in receipt of Forensic Viscera Analysis Report – Scenario and Recommendations. *Intl J forensic toxicol legal med*. 2021;24 (1&2):106-9.
- Kumar S, Anand A, Sharma M, Navlani LL, Sharma D, Sharma GA Sunil K. Homicidal Deaths in South-West Delhi and NCR: A Retrospective Study. *Intl J Med Toxicol Legal Med*. 2021;24(1&2):148-53

GUEST LECTURES DELIVERED BY THE FACULTY.

Dr. Manish Kumath

- Lecture on "Role of Forensics in Custodial Death" (at 10:00 am to 10:55am) at National Human Rights Commission 24/02/2021

Dr. Monisha Pradhan

- Guest Speaker in online Panel Discussion on the topic "PG Connect: Guide to your Future" organized by Gurukool, MAMC, Delhi 10/10/2021-Guest Speaker in 43rd Annual AOGD Conference, pre-conference workshop on "Medicolegal Concerns in Obstetrics & Gynaecology". 14/11/2021

EXTERNAL ASSIGNMENTS OF SIGNIFICANCE

Dr. G.A. Sunil Kumar Sharma, Faculty for National Board of Examination

Dr. Monisha Pradhan, Faculty for National Board of



Sitting (L to R): Dr Gaurav Vinod Jain, Dr Sarvesh Tandon, Dr Anil Kumar Mittal
Standing (L to R): Dr Mohit Gupta, Dr M K Wahi, Dr Manish Kumath, Dr G A Sunil Kumar Sharma,
Dr Monisha Pradhan, Dr Sanjay Kumar

Department of Microbiology

PRELUDE

The Department of Microbiology offers a host of patient care services related to Bacteriology including anaerobic, Mycology, Mycobacteriology, Parasitology, Serology and Virology. The department also runs a 24x7 NEB (new emergency block) laboratory and COVID laboratory. The department is committed to reducing the infection rate by conducting annual point prevalence surveillance, laboratory-based surveillance of pathogens and their antimicrobial resistance patterns, guides clinicians on empirical antibiotic therapy, conducts targeted surveillance for device related infections and carries out testing of water samples, environmental samples and screening of health care workers. The Department is involved in teaching various courses like MBBS, MD Microbiology, PhD, BSc MLT, BSc Nursing and PTT Students. The Department offers an excellent opportunity to conduct research in microbiology, immunology, genetics and molecular biology and consists of a vibrant community of faculty, researchers and students. Committed to minimizing

the nosocomial infection rates, the department lays down safety standards and enunciates the hospital antibiotic use policy

FACULTY

- **Dr. Balvinder Singh Arora**, Director Professor
- **Dr. Sudhir Kumar Bagdi**, SAG Officer
- **Dr. Malini R. Capoor**, Sr. Specialist & Professor
- **Dr. Vikramjeet Dutta**, Associate Professor
- **Dr. Rajni Gaiind**, Consultant, Professor and HOD
- **Dr. Anuja Gupta**, Assistant Professor (Contract)
- **Dr. Shilpee Kumar**, Professor
- **Dr. Subhradeep Majumder**, Assistant Professor (Contract)
- **Dr. Monika Matiani**, Associate Professor
- **Dr. Deepthi Nair**, Consultant & Professor
- **Dr. Santhosh Rajan**, Assistant Professor (Contract)
- **Dr. Dabet Rynga**, Associate Professor
- **Dr. Rushika Saxena**, Specialist Gr.II
- **Dr. Bhawna Sharma**, Associate Professor

- **Dr. B L Sherwal**, Director Professor and Medical Superintendent
- **Dr. Gopi Tamilarasan**, Associate Professor
- **Dr. Shiva Verma**, Assistant Professor (Contract)
- **Dr. Pallavi**, Assistant Professor (Contract)

NEW ADDITION TO THE FACULTY

- **Dr. B L Sherwal**, Director Professor
- **Dr. Anuja Gupta**, Assistant Professor (Contract)
- **Dr. Santhosh Rajan**, Assistant Professor (Contract)

FACULTY MEMBERS WHO LEFT THE DEPARTMENT

- **Dr. Vinita Dogra**, Consultant (contract)
- **Dr. Manisha Jain**, Associate Professor
- **Dr. Dimple Kasana**, Consultant
- **Dr. B L Sherwal**, Director Professor

APPOINTMENT OF FACULTY TO HIGHER POSTS / ASSIGNMENT OUT SIDE PROMOTIONS

- **Dr. B L Sherwal**, Medical Superintendent, Dr RML Hospital
- **Dr. Dimple Kasana**, Director, Centre of Research Institute, Kausauli

ASSIGNMENT IN ACADEMIC ASSOCIATIONS:

- **Dr. Rajni Gaind**, Editor of Journal of Infectious Diseases, Till date
- **Dr. Rajni Gaind**, Selection Committee for effecting regularization and up gradation process of faculty positions in the Department of Microbiology (HIMSAR), 15.12.2021
- **Dr. Rajni Gaind**, Laboratory Expert Group Committee for strengthening of the laboratories under Division of Zoonotic Disease Programme under Ministry of Health and Family Welfare
- **Dr. Rajni Gaind**, Member of patient safety committee under Ministry of Health and Family Welfare

DISTINCTIONS ACHIEVED BY THE MEMBERS OF THE FACULTY AWARDS

- **Dr. Malini R Capoor**, (BMWM): Excellent work during 2021 on BMWM by Med Suptd, VMMC and SJH, 15 Aug 2021 and Kayakalp core committee member (for BMWM) and Kayakalp award to VMMC and SJH under MS 2020-2021
- **Dr. Rajni Gaind**, Officer Incharge Infection control: Award for outstanding contribution to Kayakalp scheme 2020-2021 for Hospital Infection Control and For Outstanding Contribution for Entry level NABH certification of Safdarjung Hospital 2021

SEMINARS / CONFERENCES / WORKSHOPS /CMEs HELD IN THE DEPARTMENT.

- World Antibiotic Awareness Week, 2021 from 18th-24th November 2021

SEMINARS / CONFERENCES / WORKSHOPS/CMEs ATTENDED BY THE FACULTY

Dr. Dabet Rynga

- CIDSCON Webinar on COVID Vaccines, 22nd January 2021
- Virtual MICRO-D-CON 12th Annual Conference of IAMM Delhi Chapter, 28th to 30th January 2021
- Training & Review Workshop of the NAC-NET Sites, September 29-30, 2021
- Revised Basic Course Workshop in Medical Education Technology at VMMC & Safdarjung Hospital, 3rd to 5th August 2021
- Completed Training on Quality Management System and Internal Audit in Medical Labs as per ISO 15189:2012, 1st to 4th July 2021

Dr. Bhawna Sharma

- Cell Culture in Viral Diagnostic (Online), 21st December 2021
- Virtual MICRO-D-CON 12th Annual Conference of IAMM Delhi Chapter, 28th to 30th January 2021
- Revised Basic Course Workshop in Medical Education Technology at VMMC & Safdarjung Hospital, 30th March to 1st April 2021

Dr. Shiva Verma

- CME on "Advances & Automation in Laboratory" organized by Sanjay Gandhi Memorial Hospital, 19th March 2021

Dr. Rajni Gaind and Dr. Rushika Saksena

- Revised Basic Course Workshop in Medical Education Technology at VMMC & Safdarjung Hospital, 30th March to 1st April 2021

Dr. Monika Matlani

- Revised Basic Course Workshop in Medical Education Technology at VMMC & Safdarjung Hospital, 3rd to 5th August 2021

Dr. Vikramjeet Dutta

- Revised Basic Course Workshop in Medical Education Technology at VMMC & Safdarjung Hospital, 24th to 26th August 2021

RESEARCH: THESIS (COMPLETED)

- Dr. Ruma Das (MD)- Phenotypic and Genotypic characteristics among Group B *Streptococcus* causing invasive disease and colonization in neonates and adults in a tertiary care hospital, 2019-2022, (Guide- Dr. Rajni Gaiind)
- Dr. P. Lavanya (MD)- Detection of Rifampicin Resistance in Extrapulmonary Tuberculosis Isolates using Various Microbiological Techniques, 2019-2022, (Guide- Dr. Deepthi Nair)
- Dr. Mohan Vashistha (MD)-Disease Spectrum, Aetiology and Immunology of Fungal Rhinosinusitis in Adult Patients in A Tertiary Care Hospital, 2019-2022, (Guide-Dr. Malini R Capoor)
- Dr. Sheetal Goenka (MD)- Microbiological Profile of Spontaneous Bacterial Peritonitis in Chronic Liver Disease, 2019-2022, (Guide- Dr. Dimple Kasana)
- Dr. MadhviKirti (MD)- Clinico-Syndromic Validation of Aetiological Diagnosis of Genital Discharge Diseases in Patients Attending Sexually Transmitted Infections Clinics, 2019 -2022, (Guide- Dr. Sumathi Muralidhar)
- Shakila Banu Inayath (PhD)- Evaluation of Different Fluoroquinolone Resistance in Salmonella Enteric Serovars Typhi and Paratyphi A., 2014-2021, (Guide- Dr. Rajni Gaiind)

RESEARCH: THESIS (ONGOING)

- Dr. Anusha Bhatnagar (MD)- Evaluation of performance of direct disk diffusion test from positively flagged blood culture bottles for select gram-positive and gram-negative organisms, 2021-2023, (Guide- Dr. Rajni Gaiind)
- Dr. Belinda Jothi (MD)- Seroprevalence, serological and virological profile of Hepatitis B virus infection in pregnant women attending antenatal clinic of a tertiary care hospital, 2021 -2023, (Guide- Dr. Shilpee Kumar)
- Dr. Sutapa Das (MD)- Diagnostic utility of Galactomannan enzyme immunoassay in invasive aspergillosis in paediatric patients with haematological malignancy, 2021-2023, (Guide- Malini R. Capoor)
- Dr. Dipika Tyagi (MD)- Study of antimicrobial

susceptibility pattern of bacterial isolates from pleural fluid samples of adults at a tertiary care teaching hospital, 2021-2023, (Guide- Dr. Monika Matlani)

- Dr. Kamlesh Kirar (MD)-Evaluation of the role of TrueNat assay in the rapid diagnosis of tuberculosis, 2021-2023, (Guide-Dr. Deepthi Nair)
- Amit Sharma (PhD)-Development and Standardization Of Lamp (Loop Mediated Isothermal Amplification) Assay For Early Detection Of *Acinetobacter Baumannii* In Patients With Sepsis, 2016-2022, (Guide- Dr. Rajni Gaiind)
- Kavita Sisodia (PhD)- Molecular Epidemiology of Methicillin Resistant *Staphylococcus aureus* (MRSA) Isolates from Health Care Workers and Patients with Hospital Acquired and Community Acquired Infections, Registered in 2019, (Guide- Dr. Rajni Gaiind)
- Dr. Rajni Gaiind- Vandana Rani (PhD)-To Study the Prevalence, Phylogeny and Virulence of Linezolid Resistant *Enterococcus Faecium* In Hospital Acquired Infections and Environment, Registered in 2018, (Guide- Dr. Rajni Gaiind)

FUNDED SPECIAL GRANTS/PROJECTS DURING THE YEAR ON GOING

- Sepsis related mortality among neonates in India:A multi-disciplinary, multi-institutional research program for context specific solution, 2021-2025 (DBT). Grant approximately 8 lacs. PI- Dr. Rajni Gaiind
- "To study the Prevalence, Phylogeny and Virulence of Linezolid Resistant *Enterococcus faecium* in Hospital acquired infections and Environment", 2021-2024 (ICMR). Grant approximately 53 Lacs. PI- Dr. Rajni Gaiind; Co -PI- Dr. Rushika Saxena.
- National programme on containment of antimicrobial resistance during 12th five year plan (2012 - ongoing) (Funded by MOHFW). Grant approximately 14 lacs. PI- Dr. Rajni Gaiind; Co -PI- Dr Dabet, Dr Rushika Saxena
- "Phase III, Multicentre, Randomized, Double -Blind, Placebo-Controlled study to Evaluate Efficacy of Probiotic Supplementation for

Prevention of Neonatal Sepsis in 0-2 months old Low Birth Weight Infants in India", 2020 -2023(ICMR-URI MRC JGHTP). Grant approximately INR 33.44.853/

COMPLETED

- Functionality of B-cells in Dengue and chikungunya co-infection, 2019-2021 (DST). Grant approximately 18 lakh PI- Dr. Rajni Gaiind

PUBLICATIONS OF FACULTY/ RESIDENTS

- Capoor MR, Parida A. Biomedical waste and solid waste management in the time of COVID-19: A comprehensive review of national and international guidelines. 2021, J Lab Phy, 2021; 13:175-182
- Capoor MR, Parida A. Current perspectives of biomedical waste management in context of COVID -19. Indian J Med Microbiol 2021; 39 (2),171-178
- Gandhi A, Narula A, Chandra S, et al. Battling the Emerging Epidemic of Rhino-Orbital-Cerebral Mucormycosis (ROCM) in COVID-19 Pandemic: A Prospective Interventional Study. Research Square; 2021.
- Azam M, Gaiind R, Yadav G, Sharma A, Upmanyu K, Jain M, Singh R. Colistin Resistance Among Multiple Sequence Types of *Klebsiella pneumoniae* is Associated with Diverse Resistance Mechanisms: A Report from India. Front Microbiol. 2021; 22:12:609840.
- Elliyas S, Gaiind R, Kanwal SK, Singh S, Arya S. Bacterial Colonization of Vagina in Indian Women During Labor and Its Association with Puerperal and Neonatal Sepsis: A Tertiary Hospital Study. Cureus. 2021;13(3): e13943.
- Raju AT, Das R, Rai N, Kumar A, Gaiind R. A Prospective Study on Respiratory Viral Pathogens Causing Acute Lower Respiratory Tract Infections in Children below Five Years of Age at a Tertiary Care Hospital of India. J Clin of Diagn Res. 2021;15(5):DC12-16.
- Sharma A, Gaiind R. Development of Loop-Mediated Isothermal Amplification Assay for Detection of Clinically Significant Members of *Acinetobacter calcoaceticus-baumannii* Complex and Associated Carbapenem Resistance. Front Mol Biosci. 2021;23;8:659256.
- Inayath SB, Broor S, Gupta R, Agarwal P, Majumder S, Anveshi AK, Gaiind R. Validation of Pefloxacin for detection of fluoroquinolone (FQ) resistance among *Salmonella Typhi* with special reference to GyrB mutations. J Med Microbiol. 2021;70(8).
- Sinha AP, Gupta SS, Poluru R, Raut AV, Arora NK, Pandey RM et al. Evaluating the efficacy of a multistrain probiotic supplementation for prevention of neonatal sepsis in 0-2-month-old low birth weight infants in India-the "ProSPoNS" Study protocol for a phase III, multicentric, randomized, double-blind, placebo-controlled trial. Trials. 2021;22(1):242.
- Katoch O, Katyal S, Srivastav S, Rodrigues C, Rupali P, Chakrabarti A et al. Self-reported survey on infection prevention and control structures in healthcare facilities part of a national level healthcare associated infection surveillance network in India, 2019. Am J Infect Control. 2021 Sep 30: S0196-6553(21)00619-2.
- Krishnasamy S, Mantan M, Mishra K, Kapoor K, Brijwal M, Kumar M et al. SARS-CoV-2 infection in children with chronic kidney disease. Pediatr Nephrol. 2021 Sep 14:1-9.
- Mahesh S, Broor S, Gupta R, Agarwal P, Majumder S, Anveshi A, Gaiind R. Validation of Pefloxacin for detection of fluoroquinolone (FQ) resistance among *Salmonella Typhi* with special reference to GyrB mutations. J of Med Microbiol. 2021;70.
- Chaudhry S, Arya A, Matlani M, Singh V, Meena SS. Pancytopenia with hemophagocytic lymphohistiocytosis in *Plasmodium falciparum*: A unusual presentation. Trop Parasitol. 2021; 11:46 -8.
- Matlani M, Kumar P, Meena S S, Vasishta M, Dogra V. Etiological trends and epidemiological profile of tropical fever in children presenting with acute undifferentiated fever at a Tertiary Care Centre in North India J. Nepal Paediatr Soc. 2021; 41(1): 55-61
- Goenka S, Singhal A, Matlani M, Kasana D. Cerebrospinal fluid as an alternative tool to blood

c-reactive protein in laboratory diagnosis of bacterial meningitis in children: a comparative analysis. *International Journal of Contemporary Medical Research* 2021;8(3):C1-C5

- Meena S S, Arya S, Meena D, Matlani M, Salhan M. Neonatal Chikungunya: A case series. *Trop Doct.* 2021 Jan;51(1):103-5.
- Matlani M, Amit Kumar, Singh V. Assessing the in vitro sensitivity with associated drug resistance polymorphisms in *Plasmodium vivax* clinical isolates from Delhi, India. *Experimental Parasitology*. 2021;220:108047, ISSN 0014-4894
- Kashyap S, Pongiyannan L, Kumar S. Enteric Transmitted Hepatitis Viruses in Delhi: Experience from a Tertiary Care Hospital. *MAMC J Med Sci*. 2021;7:39-42.

Poster presentation

- Dr Dabet Rynga and Dr Rajni Gaiind. "Study on the Clinical Spectrum and Antimicrobial Susceptibility Pattern of *Streptococcus agalactiae* from a Tertiary Care Centre in India" at FIS (federation of Infection Societies) 2021 Online
- Rajni Gaiind¹, Rushika Saksena¹, Prem Rose¹, Sunita Nagpal, Santvana on "Quality improvement initiative to improve CLABSI rates: an interim report from a critical care unit of a tertiary care center in a resource limited setting" at FIS (federation of Infection Societies) 2021 Online
- Dr. Rushika and Dr Rajni Gaiind. "Impact of extensive Infection Prevention and Control training during COVID-19 pandemic on hand hygiene compliance: experience from a tertiary care hospital in India" at FIS (federation of Infection Societies) 2021 Online
- Dr Anupam Anveshi. "Virulence and antimicrobial profile of *Staphylococcus aureus* isolates from colonized Health care workers (HCW) in a tertiary care hospital" at FIS (federation of Infection Societies) 2021 Online
- Dr Sanchi Kashyap, Dr Dabet Rynga and Dr Rajni Gaiind "Study of clinical spectrum and antibiogram pattern of *Streptococcus pneumoniae* from a tertiary care hospital of India" at FIS (federation of

Infection Societies) 2021 Online

GUEST LECTURES DELIVERED BY THE FACULTY.

Dr. Rajni Gaiind

- Guest Faculty for Annual IAMM Conference and Preconference CME "Guidelines to practice" (UTI) 26th NOV 2021

Dr. Malini Capoor

- "COVID-19 associated Mucormycosis: Current Scenario & Lab diagnosis and Policy" and "Guidelines for biomedical waste management" June 2021, HISI, Aligarh Chapter
- "BMWM rules 2016, 2018 & 2019: Legal Aspects, Authorization, Annual Report" and "BMWM in COVID 19 Context, covid vaccination waste, Home Care of COVID patients" HISI Workshop, AMU, Aligarh July, 2021
- COVID-19 associated Mucormycosis: Epidemiology and lab diagnosis, 20.05.2021, IMA, Maharashtra, Nagpur
- Mucormycosis and COVID- Lab Waste Disposal HISI, New Delhi, June, Webinar
- BMWM during COVID 19 pandemic: targeting Primary, Secondary and tertiary care hospitals across states in India, 24 June 2021, NHSRC, Webinar
- HCWM Rules and Guidelines: Recent update: National workshop on Hospital Infection Control, JIPMER, 29 Sept- 2 Oct, 2021 Pudducherry
- "Policy and Guidelines for biomedical waste management", "BMWM in COVID 19 Context, Covid vaccination waste, Home Care of COVID patients", "Emergomycosis: Epidemiology, diagnosis and treatment" and "BMWM APP, Immunization waste" IAMM Workshop, BCCI, Gauhati, Dec, 2021
- COVID -19 Vaccination waste: IIHMR webinar training with Ministry of Health, Bhutan: Govt doctors of Bhutan, 16 March 2021
- Emergomycosis: Systemic Mycosis, Longdom Conference, London, 27 April, 2021

EXTERNAL ASSIGNMENTS OF SIGNIFICANCE

Dr. Rajni Gaiind -member of the project review committee ICMR for:

- Annual reports of SRF/RA/Adhoc projects under ICMR extramural scheme.
- Adhoc projects on Other Microbial Infections
- Accelerator Committee of India –ICMR

Dr Malini Capoor- Chairperson DST (Women scientist scheme): Water, Sanitation, Waste Project review committee

ANY SIGNIFICANT FACILITY CREATED IN THE CURRENT YEAR

- Nucleic acid-based testing using TrueNat: 24X7 for COVID
- Qualitative CRP, Procalcitonin using Nephelometer
- Quantitative CMV viral load for organ transplant patients
- Initiated anti-SARS-CoV-2 antibody testing for HCW

SOCIAL/PUBLIC SERVICE DONE BY THE DEPARTMENT

The following activities were conducted by Hospital Infection control team

- Swatchhthapakhwada (1st-16th April 2021). Infection control team conducted training for Nurses, Lab technicians, Sanitation workers, Food Handlers and OT technicians
- World Hepatitis Day (28th July 2021) was celebrated with session on Safe practices to prevent needle stick injury and a role play
- Hand Hygiene Day (18th October 2021) was celebrated with a training session of HCW for Hand Hygiene practices
- Antimicrobial Awareness Week (18th-24th November 2021) was celebrated by creating awareness for public with a street play (Nukkad Natak)

DISTINCTIONS ATTAINED BY STUDENTS/RESIDENTS

- Dr. Ankita Singhal (SR)/MMC young Scientist Award in annual Micro D con (2021) on the topic - Correlation between time to positivity of blood culture and clinical outcomes in Staphylococcus

aureus bacteraemia, 2021

- Dr. Ankita Singhal (SR) Best e poster award in NATCON ISO 2021 on the topic - Prevalence of cancer in diagnosed cases of active tuberculosis – a real-world data, 2021

SIGNIFICANT ACHIEVEMENTS DURING THE YEAR

- The Department was fervently involved in the RT-PCR testing of COVID19 patients during the 2nd wave of COVID with testing available 24x7
- The Antimicrobial Resistance (AMR) data is contributed to Global Antimicrobial Resistance and Use Surveillance System (GLASS)
- Contributes HAI surveillance data to the National Data
- Dr. Shilpee Kumar contributed significantly to the COVID vaccination program
- The Department contributed significantly to achieving the Entry Level NABH Accreditation and Kayakalp Award of the Hospital by implementing Infection Control components.
- The Department participates in National and International projects.
- During this year the Department of Microbiology welcomed the first batch of the MBBS Student who would go through the CBME.
- The World Antimicrobial awareness week 2021 was celebrated from 18th-24th November 2021.
- The Department successfully submitted its application for NABL Accreditation on 13/09/2021.



Left to right

Sitting row: Dr Shilpee Kumar, Dr Balvinder Singh, Dr B L Sherwal, Dr Rajni Gaiind, Dr Deepthi Nair, Dr Malini Capoor

First row: Dr Monika Matlani, Dr RushikaSaksena, Dr DabetRynga, Dr Pallavi Punia, Dr Shiva Verma, Dr Bhavana Sharma, Dr Anuja Gupta

Second row: Dr Gopi Tamilarasan, Dr Vikramjeet Datta, Dr Santosh Ranjan

Department of Pathology

PRELUDE

The Department of Pathology at Vardhman Mahavir Medical College and Safdarjung Hospital caters to all laboratory investigations round the clock to all patients attending the hospital. It has ten satellite labs as mentioned below. The blood bank and transfusion medicine is one of the largest in the country and is also attached with Department of Pathology. These different satellite laboratories are managed by senior faculties. Department of Pathology also runs 24 hours emergency service throughout the year. The different

- satellite laboratories are as follows
- Histopathology
- Cytopathology
- Laboratory medicine
- Special Haematology
- Central Collection Centre
- Gynaecology Laboratory
- 24 hours Emergency Laboratory in New Emergency building (NEB)
- Burns & Plastic Pathology Laboratory
- Molecular lab
- Super speciality block (SSB) Lab

BRIEF OVERVIEW OF THE DEPARTMENT INCLUDING SERVICES PROVIDED & PATIENT STATISTICS (OPD, IPD, ICU, OT etc).

The patient statistics are given below

Name of Unit	Case	Investigations
Center collection center	125227	1083394
Gynaecology Lab.	66242	248290
Main Lab.	92848	119452
Emergency Lab.	378753	2731039
Burns & Plastic	17896	65057
Histopathology	15243	264265
Cytopathology	12671	105897

FACULTY

- **Dr. Meetu Agrawal**, Specialist
- **Dr. Charanjeet Ahluwalia**, Professor & Senior Specialist
- **Dr. Sana Ahuja**, Assistant Professor (On Contract)
- **Dr. Rashmi Arora**, Professor & Ex HOD
- **Dr. Sheetal Arora**, Assistant Professor
- **Dr. Sachin Bajaj**, Assistant Professor & Medical Officer
- **Dr. Sushma Bharti**, Assistant Professor (On Contract)
- **Dr. Anju GS**, Assistant Professor (On Contract)
- **Dr. Kapil Jagga**, Medical Officer
- **Dr. Poonam Khambra**, Associate Professor & Senior Specialist
- **Dr. Sachin Kolte**, Professor
- **Dr. Neha Madan**, Associate Professor
- **Dr. Chintamani Pathak**, Associate Professor
- **Dr. Sunil Ranga**, Professor & Head
- **Dr. Anjali Sharma**, Specialist
- **Dr. Rohit Sharma**, Assistant Professor (On Contract)
- **Dr. Mukul Singh**, Professor & Consultant
- **Dr. Priyanka Singh**, Assistant Professor (On Contract)
- **Dr. Rekha Tirkey**, Chief Medical Officer (NFSG)
- **Dr. Amit Kumar Yadav**, Professor
- **Dr. Sufian Zaheer**, Professor

NEW ADDITION TO THE FACULTY

- **Dr. Sana Ahuja**, Assistant Professor (On Contract)
- **Dr. Sushma Bharti**, Assistant Professor (On Contract)
- **Dr. Anju GS**, Assistant Professor (On Contract)
- **Dr. Rohit Sharma**, Assistant Professor (On Contract)
- **Dr. Priyanka Singh**, Assistant Professor (On Contract)

FACULTY MEMBERS WHO LEFT THE DEPARTMENT

- **Dr. Indrani Dhawan**, Professor & Ex HOD
- **Dr. Leelavathi Dawson**, Associate Professor & Consultant

- **Dr. Wajid Ali Shah**, Assistant Professor & Consultant

DISTINCTIONS ACHIEVED BY THE MEMBERS OF THE FACULTY AWARDS

Dr. Amit Kumar Yadav

- Prize received for the poster titled "A rare multisystem disorder in a young child diagnosed on whole exome sequencing of SLC29A3 gene" (04-12-21)
- Case presentation of H syndrome received prize at PGCON 2021 organized online by IADVL (20-09-21)

SEMINARS / CONFERENCES / WORKSHOPS /CMEs HELD IN THE DEPARTMENT

Dermatopathology Workshop-cum-CME 09-04-22

SEMINARS / CONFERENCES/ WORKSHOPS/ CMEs ATTENDED BY THE FACULTY

Dr. Anjali Sharma

- Revised Basic course workshop (rBCW) in Medical Education Technologies organized by Medical Education Unit, VMMC & Safdarjung Hospital 24-26 August 2021
- Participated as a Speaker in XVII Annual Conference of Hospital Infection Society India, organized by HISI Aligarh chapter, Department of Microbiology, JNCMH, Aligarh 27-31 July, 2021
- Participated as a Speaker/ Faculty in NARCHIDELCON 2021 in the workshop on Haemo-vigilance-Obstetrics perspective organized by NARCHI, Delhi and Department of Obstetrics and Gynaecology, Sir Gangaram Hospital, New Delhi 28 August, 2021
- Participant in Virtual CME on Haemovigilance Programme of India organized by National Institute of Biologicals, Noida in collaboration with CDSCO, East zone office, MOHFW 16 September, 2021

Dr. Amit Kumar Yadav

- Annual Meeting of the Dermatopathology Society of India (14-01-22 to 15-01-22)
- 58th Annual Meeting of American Society of Dermatopathology (20-10-21 to 24-10-21)
- 69th APCON 2021 (03-12-21 to 05-12-21)
- 50th Annual Conference of Indian Academy of

Cytologists (CYTOCON 2021; 19-11-21 to 21-11-21).

RESEARCH: THESIS (ONGOING)

- Dr Rashi Maheshwari – Clinico-morphological correlations and diagnostic utility of synovial scoring in evaluation of synovitis 2021-23 (Guide- Dr Rajni).
- Dr Smriti- Diagnostic accuracy of pleural fluid tumour marker levels in malignant pleural effusion secondary to lung cancer 2021-23 (Guide- Dr Neha Kawatra Madan).
- Dr Vandana Yadav- Evaluation of expression of pdl1 gene in patients of giant cell tumor of bone 2021-23 (Guide- Dr Geetika Khanna).
- Dr NunenoNakhro Mean Platelet Volume and Platelet Distribution Width in patients with Type 2 Diabetes Mellitus 2021-23 (Guide- Dr Poonam Khambra).
- Dr Akshay Kalra-To study the pattern of red cell alloimmunization in multigravida antenatal women 2021-23
- Dr Dipush Swarup- of alloimmunization in transfusion dependent thalassemia patients 2021-23 (Guide- Dr Sunil Ranga).
- Dr Indhumathi R- Detection of Mismatch repair protein deficiency in Gliomas by Immunohistochemistry 2021-23 (Guide- Dr Charanjeet Ahluwalia).
- Dr Rita Rathore-Detection of types of BRAF and NRAS gene mutations in papillary carcinoma thyroid by real time polymerase chain reaction 2021-23 (Guide- Dr Sheetal Arora).
- Dr Kiruthikasri G. Alterations in receptor status and Ki67 index post neoadjuvant chemotherapy in invasive breast cancer 2021-23 (Guide- Dr Sufian Zaheer).
- Dr Pooja Verma- Her2/neu gene overexpression in patients of soft tissue sarcoma using FISH. 2021-23 (Guide- Dr Amit Kumar Yadav).
- Dr Shaikh Sadiya-Antenatal detection of hemoglobinopathies in patients with microcytic hypochromic anemia using high performance liquid chromatography 2021-23 (Guide- Dr Chintamani Pathak).
- Dr Neha Goyal- detection of KRAS and BRAF

mutation in colorectal carcinoma in Indian population. 2021-23 (Guide- Dr. Charanjeet Ahluwalia)

- Dr Shaivy Malik-unohistologicalcharacterisation of number and distribution of Epidermal langerhans cells and dermal dendritic cells in cases of vitiligo.2021-23 (Guide- Dr Amit Kumar Yadav).
- Dr Payal Chawhan - Immunohistochemical expression of mismatch repair proteins (MLH1, MSH2 and PMS2) in ovarian carcinomas in Indian population.2021-23 Guide-Dr Mukul Singh).
- Dr K. Ajay Joseph- Assessment of tumor associated macrophages infiltrating in breast carcinoma and its correlation with TNM and surrogate molecular classification.2021-23 (Guide-Dr Sachin Kolte).
- Dr Rajesh Behera-Detection of types of Epidermal Growth Factor Receptor gene mutation in non-small cell lung carcinoma by Real Time Polymerase Chain Reaction 2021-23 (Guide- Dr Sheetal Arora).
- Dr Annmy Jose-Immunohistochemical expression of MMR proteins in breast carcinoma in Indian population.2021-23 (Guide- Dr Mukul Singh).
- Dr Ankita Ratnakar-Flow cytometric detection of malignant epithelial cells in pleural and ascitic fluids.2021-23 (Guide- Dr Anjali Sharma).

RESEARCH: THESIS (COMPLETED)

- Dr. Carolyn Lallawmzuali- CD58 and CD81 in the assessment of minimal residual disease in paediatric B cell acute lymphoblastic leukaemia. 2020-22 (Guide- Dr. Amit Kumar Yadav)
- Dr. Adil Aziz Khan- Immunohistological study of melanocyte stem cells in vitiligo 2020-22 (Guide- Dr. Amit Kumar Yadav).
- Dr. Shalini Rawat- Association of HLA class I and II in autoimmune vesiculobullous lesions of skin. 2020-22 (Guide- Dr. Amit Kumar Yadav).
- Dr. Sonam Thakran- Expression of BRCA1 gene mutation in breast cancer patients and its association with age.2020-22 (Guide- Dr. Chintamani Pathak)

- Dr. Sherrin Jacob- Immunohistochemical expression of Snail and Twist in gliomas and its correlation with WHO grading.2020-22 (Guide -Dr Charanjeet Ahluwalia).
- Dr.AyushiAgarwal Dr. Charanjeet Ahluwalia Expression of Programmed Death ligand - 1 (PD-L1) in Gliomas and its correlation with tumor grading.2020-22 (Guide- Dr Charanjeet Ahluwalia).
- Dr. Suman- Genotyping of HLA-DRB1 alleles in rheumatoid arthritis and their association with autoantibodies and disease activity 2020-22 (Guide- Dr Charanjeet Ahluwalia).
- Dr. Richa Kareer- Immunohistochemical expression of programmed cell death ligand 1 in primary head and neck squamous cell carcinoma and its comparison with p16 expression.2020-22 (Guide- Dr. Rashmi Arora.)
- Dr. JatinGodara- Evaluation of programmed cell death protein 1 (PD-1) expression by flow cytometry on CD4+ lymphocytes in peripheral blood of patients with head and neck squamous cell carcinoma.2020-22 (Guide- Dr. Rashmi Arora.).
- Dr. Anuradha Saini- Evaluation of neutrophilic CD64 in adult sepsis as a novel diagnostic marker 2020-22 (Guide- Dr Mukul Singh).
- Dr. Subarna Sharma Pinky- Flow cytometric analysis of platelet-leukocyte aggregates in pre and post plateletpheresis donors. 2020-22 (Guide- Dr Mukul Singh).
- Dr. Kavya Varshney-Correlation of inflammatory markers (IL- 6, IFN- γ , TNF- α , ferritin, hs-CRP) with HbA1c in type 2 diabetes mellitus. 2020-22 (Guide- Dr Mukul Singh).
- Dr. Ritu Raghav- Microvessel density in tumoral and peritumoral area of colorectal cancer and its association with TNM staging.2020-22 (Guide- Dr. Sachin Kolte.)
- Dr. Amit Kumar Dinkar-Evaluation of diagnostic utility of p63 marker in Giant cell tumor of bone and its correlation with radiological grading (Campanacci grading).2020-22 (Guide- Dr. Geetika Khanna).
- Dr. Vikas Kumar-Comparing the diagnostic accuracy of combined bio marker assay

consisting of CA-125, Apolipoprotein A1 and Apolipoprotein B over CA-125 alone in epithelial ovarian carcinoma. 2020-22 (Guide- Dr. Sachin Kolte).

- Dr. Madhumitha. -2020-22 (Guide- Dr. Sufian Zaheer).
- Dr. Aarti Kumari-Comparative analysis of cytomorphological findings in tuberculous lymphadenitis: newly diagnosed cases vs Drug defaulters 2020-22 (Guide- Dr. Sunil Ranga).
- Dr. Ankita Jain. -Comparative analysis of treponemal specific chemiluminiscence and rapid card test for syphilis screening in blood bank donors.2020-22 (Guide- Dr. Sunil Ranga).
- Dr. VyomikaTeckchandani Diagnostic accuracy of image guided core needle biopsy for musculoskeletal tumours. 2020-22 (Guide- Dr Rajni)
- Dr. DivvayVishvam-Evaluation of serum vitamin D levels in chronic kidney disease stages 3-5. 2020-22 (Guide- Dr. Poonam Khambra)

PUBLICATIONS OF FACULTY/ RESIDENTS

- Khunger N, Khullar G, Mann KK, Yadav AK. Generalized erythematous and hypopigmented papules and nodules in a young female. *Indian J Dermatol Venereol Leprol.* 2021;23:1-5. doi: 10.25259/IJDVL_557_20. Epub ahead of print.
- Singla T, Pathak C, Singh A, Singla G, Singla S & Kumar NR. Mucinous cystadenoma with fibroma: a rare combination of collision tumour, *J ObstetGynaecol* 2021;42(5):1588-90.
- Kaur N, Zaheer S, Kolte S, Sangwan S, Ranga S. Sternocleidomastoid tumor of infancy—Importance of cytopathological diagnosis and challenges. *Diagn Cytopathol* 2021;49:533-9.
- Kolte, S., Naaz, S. Biomarkers for detection of human papillomavirus (HPV). *Indian J GynecolOncolog* 2021;19, 44.
- Muradia I, Khullar G, Sharma S, Kolte S. Case Report: A Case of Tuberculosis with Psoriasiform Lichen Scrofulosorum Exhibiting Koebner's Phenomenon followed by Scrofuloderma. *Am J Trop Med Hyg.* 2021 Jul 27;105(3):630-2.
- Kaur N, Sharma A, Singh M, Ranga S, Mung C. Morphological analysis of body fluids for

diagnostic significance. *Rec Adv Pathol Lab Med* 2021; Volume 7 (3,4):1-3. Sharma A, Singh M, Kumari M, Parveen H, Chand G, Ranga S, Kishore J. Prognostic significance of hematological parameters and ratios in covid19 -patients. *Int J Med Res Health Sci* 2021;10(7):78-85.

- Sharma A, Kumari M, Parveen H, Singh M, Ranga S, Kishore J. Reliability of Haematological Parameters and Ratios Obtained from Automated Haematology Analysers in Predicting the Clinical Condition of the Patient - A Study from a Tertiary Care Hospital in New Delhi. *J Evid Based Med Healthcare* 2021, 8(25):2168 -72.
- Nagar N, Arora S, Ranga S. Dermatopathic Lymphadenitis: Cytological diagnosis. *Arch Med Health Sci.* 2021;9:117-9.
- Punhani P, Madan NK, Kaur S, Ranga S. Toxoplasma Pericarditis in an immunocompetent Child-A Rare Case Report. *Asian Journal of Res Infect Dis* 2021. 10.9734/AJRID/2021/v7i430220.
- Nagar N, Madan NK, Mittal R, Debata P, Ranga S. Visceral Larva Migrants: A Rare Encounter by a Cytologist. *Asian Journal of Research in Infectious Diseases.* 2021:9-13. 10.9734/ajrid/2021/v8i230231.
- Iyer H, Anand A, Sryma PB, Gupta K, Naranje P, Damle N, Mittal S, Madan NK, Mohan A, Hadda V, Tiwari P, Guleria R, Madan K. Mediastinal lymphadenopathy: a practical approach. *Expert Rev Respir Med.* 2021 Oct;15(10):1317-34.

FULL PAPER PUBLICATIONS IN CONFERENCE PROCEEDINGS

- Godara J, Kaur N, Zaheer S. Role of fibrotic stroma in rectal carcinoma: an immune morphological assessment. *KAPCON 2021* (1-3 October 2021)
- Khan AA, Zaheer S, Ranga S. Granulomatous mastitis: A diagnostic challenge 3 year single institutional experience. *KAPCON 2021* (1-3 October 2021)
- Vishvam D, Singh S, Singh M. Diagnosis and cytomorphological features of cutaneous adnexal neoplasms on fine needle aspiration cytology

followed by their histopathological correlation. *CYTOCON 2021* (19-21 November 2021)

- Dinkar AK, Khanna G, Zaheer S, Kolte S, Ranga S, 2021. Tenosynovial GCT: Clinico-radiological correlation and pathological features. *CYTOCON 2021* (19-21 November 2021)
- Ankita Jain, Sufian Zaheer, Sunil Ranga, 2021. Diagnostic significance of hemosiderin laden macrophages in differentiating non-neoplastic follicular lesions from neoplastic follicular lesions on cytology. *CYTOCON 2021* (19-21 November 2021)
- Sherrin Jacob, Sufian Zaheer, Sunil Ranga, 2021. Tumour necrosis as prognostic marker in oral squamous cell carcinoma. *APCON 2021.* (3 5 December, 2021)
- Vyomika Teckchandani, Swati Girdhar, Sufian Zaheer, 2021. Bilateral mature cystic teratoma with ectopic tubal gestation: A rare occurrence. *KAPCON 2021* (1-3 October 2021)
- Richa Kareer, Naveen Kumar, Charanjeet Ahluwalia, 2021. Post COVID Mucormycosis: A tertiary centre experience. *KAPCON 2021* (1-3 October 2021)
- Sonam Thakran, Naveen Kumar, Charanjeet Ahluwalia, Amit Dagger, K.B. Shanker, 2021. Cerebral fungal abscess masquerading as brain tumors. *KAPCON 2021* (1-3 October 2021)
- Suman, Aman, Sachin Kolte, 2021. Dedifferentiated liposarcoma masquerading as lipoleiomyoma. *KAPCON 2021.* (1-3 October 2021)
- Aarti Kumari, Sheetal Arora, Sunil Ranga, 2021. Giant cell glioblastoma masquerading as meningioma. *KAPCON 2021.* (1-3 October 2021)
- Sherrin Jacob, Geetika Khanna, 2021. Mesenchymal Chondrosarcoma – rare case report. *KAPCON 2021.* (1-3 October 2021)
- Ritu Raghav, Naveen Kumar, Amitabh, Gautam Chakraborty, Amit Jadhav, Meetu Aggarwal, Sunil Ranga, 2021. Castleman disease: A rare diagnosis in childhood. *KAPCON 2021.* (1-3 October 2021)
- Ankita Jain, Sufian Zaheer, Sunil Ranga, 2021. Intrascrotal paratesticular malignant fibrous

histiocytoma: A rare case report. KAPCON 2021. (1-3 October 2021)

- Kavya Varshney, Naveen Kumar, Charanjeet Ahluwalia, K.B Shankar, Sunil Ranga, 2021. Fibrosarcomatous dermatofibrosarcoma protuberans of the scalp, extending to the brain. KAPCON 2021. (1-3 October 2021)
- Ayushi Agarwal, Meetu Agrawal, Sunil Ranga, 2021. Placental lipoma – A case report. KAPCON 2021. (1-3 October 2021)
- Vikas Kumar, Aman, Sachin Kolte, 2021. Leiomyoma of the breast: a rare case report. ASOMACON 2021 (12-14 November 2021)
- Kavya Varshney, Aarti Kumari, Sufian Zaheer, Sunil Ranga, 2021. Cytological findings on FNAC in drug defaulters, in patients with lymph node tuberculosis. CYTOCON 2021 (19-21 November 2021)
- Kavya Varshney, Mukul Singh, Anjali Sharma, Sunil Ranga, 2021. Correlation of neutrophil to lymphocyte ratio and HbA1c in type 2 diabetes mellitus. APCON 2021. (3-5 December, 2021)
- Sonam Thakran, Sufian Zaheer, Sunil Ranga, 2021. Prognostic value of tumor associated neutrophils in breast cancers. APCON 2021. (3-5 December, 2021)
- Madhumitha, SufianZaheer, Chintamani, Sunil Ranga, 2021. Tumor budding and fibrotic cancer stroma in head and neck squamous cell carcinoma and its correlation with prognostic parameters. APCON 2021. (3-5 December,

2021)

- AartiKumari, SufianZaheer, Sunil Ranga, 2021. Cytomorphological findings of drug defaulters of tuberculous lymphadenitis. APCON 2021. (3-5 December, 2021)
- Amit Kumar Dinkar, Geetika Khanna, Sufian Zaheer, Sachin Kolte, Sunil Ranga, 2021. Fetus in fetu versus well differentiated sacrococcygeal teratoma: A pathological dilemma. APCON 2021.(3-5 December, 2021)
- Carolyn Lallawmzuali, Amit Kumar Yadav, Amitabh, NitikHunger, Sunil Ranga, 2021. A rare multisystem disorder in a young child diagnosed on whole exome sequencing of SLC29A3 gene. APCON 2021. (3-5 December, 2021)
- Adil Aziz Khan, Amit Kumar Yadav, Geeti Khullar, Sunil Ranga, 2021. Cutaneous IgA associated lymphocytic vasculopathy: A diagnostic dilemma resolved on immunofluorescence. APCON 2021. (3-5 December, 2021)
- Vikas Kumar, Aman, Sachin Kolte, 2021. A case of didelphys uterus with leiomyoma. APCON 2021. (3-5 December, 2021).

EXTERNAL ASSIGNMENTS OF SIGNIFICANCE

Dr. Amit Kumar Yadav, Professor went as expert at UPSC.

Dr. Amit Kumar Yadav, Professor went as expert at National Medical Library, NML.

DISTINCTION ATTAINED BY STUDENTS

Dr. Saba, PG student topped the MD Pathology Exam.



Left to right

Sitting row: Dr Rekha Tirkey, Dr Mukul Singh, Dr Sunil Ranga, Dr Geetika Khanna, Dr Sachin Kolte, Dr Sufiyan Zaheer

First row: Dr Sheetal Arora, Dr Anju, Dr Priyanka, Dr Sushma Bharti, Dr Neha Kawatra Madan, Dr Anjali Sharma, Dr Meetu Agrawal, Dr Rohit Sharma

Second row: Dr Sangeeta Verma, Dr Kapil Jagga, Dr Sachin Bajaj, Dr Sana Ahuja

Department of Pharmacology

PRELUDE

The department has been offering quality medical education to undergraduate and postgraduate students and conducting research in areas of Pharmacovigilance, Psychopharmacology, Cardiovascular, Rational Use of Medicine, Hospital Antibiotic Policy and Antibiotic use pattern with special focus on population kinetics. The Department of Pharmacology of VMMC and Safdarjung Hospital is significantly contributing to undergraduate (MBBS, Nursing and Medical Record Department, Pre-Trauma Technician courses) and postgraduate teaching and research.

- Undergraduate Teaching & Post Graduate Teaching
- Paramedics Teaching: B.Sc. Nursing (H), Pre-trauma technician, medical record Department, B. Sc prosthetics & Orthotics etc.
- ADR Monitoring centre: Department is recognized as the ADR monitoring centre under Pharmacovigilance programme of India (PvPI), specially indulging in focused ADR monitoring

for recently marketed medicines with an aim to ensure patient safety.

- Assets: Well-equipped UG laboratories including CAL, mannequins, well stocked museum with various dosage forms and pharmaceutical specimens, case scenarios with photographs depicting adverse drug reactions, animal house registered with CPCSEA, post graduate research laboratory is well equipped including HPLC and Spectrophotometer.
- Departmental library is provided with latest books

FACULTY

- Dr. Preeta Kaur Chugh, Professor
- Dr. Kamlesh Garg, Professor
- Dr. Sparsh Gupta, Professor
- Dr. Navjot Kaur, Professor
- Dr. Amit Kumar Sharma, Professor
- Dr. Veena Verma, Director, Professor & Head

NEW ADDITION TO THE FACULTY

- Dr. Pooja Anand, Assistant Professor

(contractual Basis)

FACULTY MEMBERS WHO LEFT THE DEPARTMENT

- Dr. Nikhil Era, Assistant Professor

SEMINARS/CONFERENCE/WORKSHOP/CMEs ATTENDED BY THE FACULTY NATIONAL

Dr. Veena Verma

- Delivered talk on "Pharmacovigilance An over View " in National Webinar on Pharmacovigilance of ASU & H Drugs And safety Management at Safdarjung hospital & New Delhi held on 14/12/2021

Dr. Preeta Kaur Chugh

- "Utilization of Generic Medicines in India: Where do we stand?" organized by Department of Pharmacology. (AIIMS Bibi Nagar, Hyderabad).
- Pharmacovigilance Webinar Adverse Drug Reaction Monitoring Centre (AMC), Department of Pharmacology. (ESIC Medical College & Hospital, Faridabad).
- Pharmacovigilance and Patient Safety, Organized Jointly by: ADR Monitoring Centre (Netaji Subhas Medical College and Hospital, Bihar, Patna, and Inovocare e-Academy, Kolkata)

Dr. Amit Kumar Sharma

- 6th Annual (Virtual) Conference of Indian Society for Atherosclerosis research, Delhi Chapter (Sharda University)

Dr. Navjot Kaur

- Delivered talk on "Serious Adverse events" in online workshop on New Drugs and Clinical Trials Rules, 2019 (Adesh Institute of Medical Sciences, Bathinda.)
- Delivered talk on "GRADE Approach" in online 6th International CME on Public Health Approaches to NCDs (PGIMER, Chandigarh).

RESEARCH: THESIS (ONGOING)

- Dr. Shivani Prescribing Pattern of Antipsychotic Drugs in Psychiatry Outpatient Department 2021-2024 (Guide- Dr. Amit kumar Sharma)
- Dr. Divya Chamaria Prescription Pattern of Anti Epileptic Drug in Pediatric Patients Suffering from Epilepsy 2021-2024 (Guide- Dr. Kamlesh Garg)

- Dr. Manav Raj Singh Gill Qualitative assessment of asthma control post reinforcement of proper inhaler technique 2021-2024 (Guide- Dr. Sparsh Gupta).

RESEARCH: THESIS (COMPLETED)

- Dr. Deepak Pandey Evaluation of Factors Leading to Non-Adherence to Imatinib Treatment in Patients of Chronic Myeloid Leukemia 2020-2023 (Guide- Dr. Preeta Kaur Chugh)
- Dr. Kundan Singh Rathore Prescribing pattern of Antidepressant Drugs in Psychiatry Outpatients Department 2020-2023 (Guide- Dr. Veena Verma)
- Dr. Ravinder Nath Perumal Effect on Amlodipine and Telmisartan on bone metabolism markers in newly diagnosed hypertensive patients 2020-2023 (Guide- Dr. Kamlesh Garg)

FUNDED SPECIAL GRANTS/PROJECTS DURING THE YEAR ONGOING

- Dr. Kamlesh Garg Clinical efficacy of Buprenorphine plus Amitriptyline for treatment of pain with depression in advanced cancer patients. 3 Years ICMR 5,66,318 Rs.

COMPLETED

- Dr. Preeta Kaur Chugh ICMR Task Force proposal "rational use of drugs" Project Completed on 14/07/2022 ICMR 65/11/2018/BMs/ RUD/ VMMC15, 75, 520 Rs.

PUBLICATIONS OF FACULTY/RESIDENTS

- Manda RA, Verma V, Biswas K. An open randomized study to compare effect of metformin versus acarbose monotherapy on glycemic control and lipid profile in newly diagnosed type 2 diabetes mellitus patients. *Int. J Res Med Sci.* 2021 Mar;9(3):755-60.
- Verma V, Banerjee B, Metha AK antidepressant like activity of Buspirone but not of ondansetron when administered in combination with Fluoxetine or desipramine in mice. *Int J basic clin pharmacol.* 2021 Jun;10(6):621-6.
- Salim S, Kumar MN, Tripathi CD, Arya SV, Verma V *et al.* Pharmacological evaluation of prophylactic anti-microbial use in laparoscopic cholecystectomy; an open labelled study

evaluating the concentrations of single dose intravenous ceftriaxone at serum and tissue level. Eur J Clin Pharmacol. 2021;77: 1011–6.

- Sheikh S, Sonone P, Verma V, Tripathi CD, Karim BA, et al. Comparative evaluation of anti depressant effects of Citalopram, Ketamine and their combination in animal models of depression: A potential anti-depressant? Open J Pharmacol Pharmacother. 2021; 6(1): 004-8.
- Nath R, Gupta NK, Jaswal A, Gupta S, Kaur N, Kohli S, Saxena A, Ish P, Kumar R, Tiwari P, Kumar M, Kishore J, Yadav G, Marwein F, Gupta N. Mortality among adult hospitalized patients during the first wave and second wave of COVID 19 pandemic at a tertiary care center in India. Monaldi Arch Chest Dis. 2021 Oct.
- Chugh PK, Dabas A. Price Dispersion of Vitamin D Supplements Over Time: An Initiative for Prescriber Education. Indian J Endocrinol Metab. 2021 ;25(2):142-7.
Badyal D, Chandy S, Chugh PK, Faruqui A, Gupta YK, Hazra A, et al. Hydroxychloroquine for SARS CoV2 Prophylaxis in Healthcare Workers – A Multicentric Cohort Study Assessing Effectiveness and Safety. J Assoc Phy Ind. 2021; 69:17-23.
- Kumar A, Singh A, Sharma SP, Dutta A, Sharma AK. Prophylactic ondansetron eight milligrams versus four milligrams against post spinal anaesthesia shivering. Intl Surg Jour. 2021;8(5):1545-9.
- Kakkar AK, Shafiq Nusrat, Sahni N, Mohindra R, Kaur N, Gamad N, et al. Assessment of Appropriateness of Antimicrobial Therapy in Resources-Constrained settings: Development and Piloting of a Novel Tool-AmRat. Antibiotics. 2021;10(2):200
- Nath R, Gupta NK, Jaswal A, Gupta S, Kaur N, Kohli S, Saxena A, Ish P, Kumar R, Tiwari P, Kumar M, Kishore J, Yadav G, Marwein F, Gupta N. Mortality among adult hospitalized patients during the first wave and second wave of COVID-19 pandemic at a tertiary care center in India. Monaldi Arch Chest Dis. 2021 Oct.
- Kaur N, Pandey A, Shafiq N, Gupta A, Das R,

- Singh H, Ahluwalia J, Malhotra S. Genetic and Nongenetic Determinants of Variable Warfarin Dose Requirements: A Report from North India
- Public Health Genomics. 2021;21:1-9.
- **GUEST LECTURES DELIVERED BY THE FACULTY**
- **Dr. Veena Verma**
- Delivered talk on "Pharmacovigilance An over View " in National Webinar on Pharmacovigilance of ASU & H Drugs And safety Management at Safdarjung hospital & New Delhi held on 14/12/2021
- **Dr. Navjot Kaur**
- Delivered talk on "Serious Adverse events" in online workshop on New Drugs and Clinical Trials Rules, 2019 (Adesh Institute of Medical Sciences, Bathinda.)
- Delivered talk on "GRADE Approach" in online 6th International CME on Public Health Approaches to NCDs (PGIMER, Chandigarh.)

EXTERNAL ASSIGNMENT OF SIGNIFICANCE (Experts in national agencies of repute, eg., ICMR, UGC CSIR etc):

Dr Veena Verma

Member, Subject expert committee (Vaccine),
CDSCO Member, SEC (IND), CDSCO
Member- TUE, NADA

NEW COURSE/ SUBJECTS INTRODUCED DURING THE YEAR:

- MRD, PTT, Nursing & BPO .



Left to right
*Dr Amit Kumar Sharma, Dr Kamlesh Garg, Dr Preeta Kaur Chugh,
Dr Veena Verma (HOD), Dr Sparsh Gupta, Dr Navjot Kaur, Dr Pooja Anand*

Department of Physiology

PRELUDE

The Department of Physiology has well equipped human, hematology and clinical Physiology laboratories for under-graduate and post graduate teaching, research and clinical service. Additionally, it has advanced, state of the art chest examination simulators for cardiac and respiratory system on which the undergraduate and postgraduate students are trained and assessed.

There is a fully equipped AFT (Autonomic Function Test) lab for research activities and clinical testing. Exercise Physiology lab has provision for recording all cardio-respiratory and metabolic responses to exercise. Various research projects and academic activities are carried on in these laboratories. The departmental library has an impressive collection of books, thesis, synopsis and journals available for ready reference of faculty members, undergraduate and postgraduate students. A museum showcasing the history of physiology has been developed as per NMC norms. The department has a well-structured teaching schedule for the MBBS students in the form

of theory lectures, tutorials, practical, student seminars and quizzes. Besides teaching first year MBBS students and students of various paramedical courses, the faculty of this department have been entrusted with key administrative duties. They are actively involved in administrative activities related to postgraduate and undergraduate committees. They are also members of the medical education cell, institutional protocol review and curriculum committee. The faculty have been prime movers in the designing of Competency Based Medical Education Curriculum of the MCI that was implemented from 2019. Recently one PhD fellow has also joined the department to pursue his PhD course. Medical Physiology teaching is being carried out for the following courses

1. MBBS
2. M.D. Physiology
3. BSc. (H) Nursing
4. BPO
5. BSc. MLT

6. PTT

7. MIT

FACULTY

- **Dr. Himani Ahluwalia**, Director Professor & HOD
- **Dr. Supriya Gupta**, Director Professor
- **Dr. Raj Kapoor**, Director Professor
- **Dr. Manpreet Kaur**, Associate Professor
- **Dr. Heena Kauser**, Assistant Professor
- **Dr. Soumen Manna**, Associate Professor
- **Dr. Abha Mishra**, Assistant Professor
- **Dr. Nishtha Passey**, Assistant Professor
- **Dr. Loveleena Salkia**, Assistant Professor
- **Dr. Renuka Sharma**, Director Professor
- **Dr. Shweta**, Associate Professor
- **Dr. Preeti Tyagi**, Associate Professor

NEW ADDITION TO THE FACULTY

- **Dr. Nishtha Passey** (joined in 2021), Assistant Professor

FACULTY MEMBERS WHO LEFT THE DEPARTMENT

- **Dr. Manasi Bhattacharjee**, Professor (Resigned),
- **Dr. B Srinivas**, Professor, (Transferred to MOHFW)

ASSIGNMENT IN ACADEMIC ASSOCIATIONS:

- **Dr. Himani Ahluwalia**, Member Standing Selection Committee of Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER) for interviews for promotion of faculty members, under the Assessment Promotion Scheme, November 22, 2021

DISTINCTIONS ACHIEVED BY THE MEMBERS OF THE FACULTY

AWARDS

Dr Himani Ahluwalia

- Outstanding contribution for Kayakalp Scheme 2020-21
- Received prize in poetry competition held in VMMC & SJH, 6th February, 2021

Dr Manpreet Kaur

- Jury choice award for E-paper titled "Comparison of the postgraduate student's perception on the effectiveness of two formats of journal club" at the

virtual Medical Education Conference (MEDUCON-2021) organized by the Department of Medical Education, JIPMER, Puducherry in association with the Alumni Association of NTTC JIPMER (AANJ) 3rd September 2021

- Best oral presentation in ASSOPICON 2021 for paper titled "Use of flipped classroom module as an active-teaching learning methodology" 9th September 2021.

SEMINARS / CONFERENCES / WORKSHOPS/ CMEs ATTENDED BY THE FACULTY

Dr. Himani Ahluwalia

- Chairperson in Biennial SAAP VII and PSI Conference 2021, HIMSR New Delhi, March 24 -25th, 2021
- Judge for Oral presentation in 7th annual National Conference of Association of Physiologists of India, Parmukhswami Medical College, Bhaikala University, Karamsad, Gujarat, 7th to 9th September 2021
- Chairperson Online CME & Workshop on "Recent Trends in Assessing Lifestyle Stress and The Road to Recovery" Department of Physiology, Maulana Azad Medical College, New Delhi, 14th September 2021.

Dr. Renuka Sharma

- Online Workshop 'Blueprinting for automation in Question paper setting' - "i-MECON", Sri Devaraj Urs Academy of Higher Education and Research, Tamaka, Kolar. March 24, 2021
- Eye-Tracking Workshop conducted by NeuroNet Centre for Mind, Brain & Behavior in association with Asia Pacific Association for Cognitive & Behavioral Neuroscience, 12th & 19th June 2021
- iCON 2021 - National Conference on Innovations in Health Professions' Education, organized by the Medical Education Unit, AVMC, Puducherry, Nov 17 & 18, 2021.

Dr. Supriya Gupta

- Judge for Oral presentation in 7th annual National Conference of Association of Physiologists of India, Parmukhswami Medical College, Bhaikala University, Karamsad, Gujarat, 7th & 9th September 2021
- iCON 2021 - National Conference on Innovations

in Health Professions' Education, organized by the Medical Education Unit, AVMC, Puducherry, 17th to 18th November 2021

Dr. Soumen Manna

- 7th Annual National Conference of Association of Physiologists of India ASSOPICON 2021, 7th to 9th September, 2021.
- Medical Education Conference (MEDUCON 2021) organized by Department of Medical Education, JIPMER, Puducherry, 2th to 3rd September, 2021.

Dr. Manpreet Kaur

- Virtual Medical Education Conference (MEDUCON-2021) organized by the Department of Medical Education, JIPMER, Puducherry in association with the Alumni Association of NTTC JIPMER (AANJ) 2nd and 3rd September 2021.
- ASSOPICON 2021 organized by Department of Physiology, Pramukhswami Medical College, Bhaikaka University, Karamsad, 7th to 9th September 2021.

Dr. Preeti Tyagi

- Online CME & Workshop on "Recent Trends in Assessing Lifestyle Stress and The Road to Recovery" Department of Physiology, Maulana Azad Medical College, New Delhi, 14th of September 2021.

RESEARCH: THESIS (ONGOING)

- Dr. Divyam Dhakad-Ventricular repolarisation parameters and heart rate variability and their correlation with thyroid function in hypothyroid and healthy children, 2020-2023, (Guide- Dr Himani Ahluwalia).
- Dr Farzana- Effect of timing of acute aerobic exercise on Memory in young adults, 2020-2023, (Guide- Dr Himani Ahluwalia).
- Dr. Roma Kumari - Comparison of cardiorespiratory performance during interval & continuous exercise in patients of polycystic ovarian syndrome. 2020-2023, (Guide- Dr Renuka Sharma).
- Dr. Kajol Kumari Tulsyan-Assessment of verbal and visuospatial working memory in different phases of the menstrual cycle and its correlation with the menstrual distress score (MDS) in young

adult females 2020-2023, (Guide- Dr. Soumen Manna).

RESEARCH: THESIS (COMPLETED)

- Dr. Md. Imtiyaz Bharti-A comparative study of autonomic functions in type A and type B personalities in healthy adults 2019-2022, (Guide- Dr Raj Kapoor).
- Dr. Akash Tomar-Assessment of ventricular repolarization Parameters and their correlation with heart rate Variability in overweight and obese young adults 2019-2022, (Guide- Dr Himani Ahluwalia).
- Dr. Karee Angu-Study of cardiorespiratory fitness and androgen levels in polycystic ovary syndrome, 2019-2022, (Guide- Dr Renuka Sharma)
- Dr. Debarshi Nandi-Comparison of Autonomic function tests & Insulin resistance in type 2 Diabetes Mellitus with and without episodes of hypoglycaemic awareness 2019-2022 (Guide- Dr Supriya Gupta).
- Dr Shams Agaz-Comparative study of Autonomic functions and inflammatory markers in patients of chronic migraine and chronic tension type headache 2019-2022 (Guide- Dr. Supriya Gupta).

FUNDED SPECIAL GRANTS/PROJECTS DURING THE YEAR: ONGOING

- Dr. Renuka Sharma-Effect of Acute Exercise on cardiac biomarkers and affective responses in sedentary adults funded by ICMR (20 lakhs) for a duration of 2 years.

PUBLICATIONS OF FACULTY/RESIDENTS

- Bashir M, Ahluwalia H, Khan T and Sayeed SI. Role of NASA 10-minute Lean Test in diagnosing postural orthostatic tachycardia syndrome: a preliminary study in young population. *Ital J Med*. 2021;15:2.
- Chandran DS, Muthukrishnan SP, Barman SM, Peltonen LM, Ghosh S, Sharma R et al. Operations perspective to competency-based medical education: Experiences of IUPS-ICMR. Physiology Education Workshop series (2018 -2019) conducted in India. *Indian J Med Res*. 2021;154:553-557

- Pattnaik S, Gupta S, Saxena U, Matlani M, Kapoor R. Comparison of autonomic function tests and high-sensitivity C-reactivity protein in overweight patients of polycystic ovarian syndrome and overweight controls. *Indian J Physiol Pharmacol.* 2021;64(4):303-8.
- Tamuli D, Kaur M, Boligarla A, Jaryal AK, Srivastava AK, Kumaran SS, Deepak KK. *Structural atrophy* of central autonomic network correlates with the functional attributes of autonomic nervous system in spinocerebellar ataxia patients. *J Clin Neurosci.* 2021;93:274-281.

Abstract publication in conference proceedings

- Manpreet Kaur, Hanjabam B. Sharma, Simran Kaur, Ratna Sharma, Renuka Sharma, Raj Kapoor and Kishore K. Deepak. Comparison of the postgraduate student's perception on the effectiveness of two formats of journal club. MEDUCON 2021.
- Manpreet Kaur, Manasi Bhattacharjee, Soumen Manna, Himani Ahluwalia. Use of flipped classroom module as an active-teaching learning methodology. ASSOPICON 2021: F-42: 45 (Abs).

GUEST LECTURES DELIVERED BY THE FACULTY

Dr. Himani Ahluwalia

- Webinar on 'Digital Lecture Theatre'-organized by National Medical Library-13/2/21

Dr. Renuka Sharma

- "Sleep Pattern of Adolescents: Link to Health and Academic Performance" Webinar organized by Sharp NGO-9th Jan 2021.
- Webinar on 'Digital Lecture Theatre'-organized by National Medical Library-13/2/21
- "Assessment planning" Virtual Biennial South Asian Association of Physiology & Physiological Society of India Conference-17th March 2021.
- "Stress management" -Online CME & Workshop on "Recent Trends in Assessing Lifestyle Stress and The Road to Recovery" -Maulana Azad Medical College, New Delhi. 14th Sep 2021.
- Developing Critical Thinking with Formative Assessment- International Union of Physiological Sciences (IUPS) Workshop on Designing

- Assessment to Evaluate Critical Thinking Skills in Physiology, AIIMS Guwahati, 29th and 30th September 2021.

Dr. Manpreet Kaur

- Invited Resource Faculty and have delivered a talk on Designing Summative Assessment to Evaluate Higher Order Learning in the Online 'IUPS Workshop on Designing Assessment to Evaluate Critical Thinking Skills in Physiology' held on 29th & 30th September, 2021.

EXTERNAL ASSIGNMENTS OF SIGNIFICANCE

Dr. Himani Ahluwalia

- AIIMS-External Expert-MBBS Examination
- DNB- External expert -Paper setting, moderating & evaluation
- Reviewer - Indian Journal of Physiology & Pharmacology, MAMC Journal of Medical Sciences

Dr. Renuka Sharma

- UPSC- External expert, Paper setting & evaluation
- ICMR-Chairperson, Review Committee & Member-Faculty Promotion Board
- GGSIP University -Convenor, Undergraduate Academic Program Committee, Member-Board of Studies
- AIIMS-Member, Faculty Promotion Board, External Expert-MD, PhD Examination
- DNB- External expert -Paper setting & evaluation
- Reviewer - Indian Journal of Physiology & Pharmacology, Journal of Complementary & Integrative Medicine, Journal of Clinical Diagnostics and Research.

Dr Supriya Gupta

- External examiner for MD/Phd - AIIMS Jodhpur, AIIMS New Delhi, KGMC Lucknow
- NMC – External expert committee member for PGMARB, NMC, New Delhi
- GGSIPU- Convener, Post Graduate Academic Programme Committee Expert on Panel for Phd Selection Committee
- Reviewer - Indian Journal of Physiology & Pharmacology, Journal of Clinical Diagnostics and Research.

- Delhi University- Expert for faculty promotion (Assessment Promotion).

SIGNIFICANT ACHIEVEMENTS DURING THE YEAR

Dr. Himani Ahluwalia

- Chairperson in Virtual Biennial SAAP VII and PSI Conference 2021 held between March 24 -25th, 2021 at HIMSR, New Delhi
- Member Standing Selection Committee of Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER) for interviews for promotion of faculty members, under the Assessment Promotion Scheme November 22, 2021
- Judge for Oral presentation in 7th annual National Conference of Association of Physiologists of India, 7th to 9th September 2021
- Organised Cultural programme for Faculty of VMMC & SJH Hospital, February 2021.
- Received First prize in Kavi sammelam organized by Faculty Cultural Club, VMMC & SJH



Left to right: First row: Dr. Shweta, Dr. Soumen Manna, Dr. Raj Kapoor, Dr Himani Ahluwalia, Dr Renuka Sharma, Dr Supriya Gupta. Second Row: Dr Heena Kauser, Dr Loveleena Saikia, Dr Nishtha Passey, Dr Abha Mishra.

Medicine & Allied Departments

• Cardiology • Dermatology & STD • Endocrinology • Haematology
• Medicine • Medical Oncology • Nephrology • Neurology • Paediatrics
• Psychiatry • Pulmonary, Critical Care & Sleep Medicine • Radiation Oncology

Department of Cardiology

FACULTY

- **Dr. Saurabh Agastam**, Assistant Professor
- **Dr. A H Ansari**, Professor
- **Dr. Sandeep Bansal**, Professor and Head of Department
- **Dr. Anunay Gupta**, Associate Professor
- **Dr. Preeti Gupta**, Associate Professor
- **Dr. Puneet Gupta**, Assistant Professor
- **Dr. H S Isser**, Professor and Consultant
- **Dr. Ankit Jain**, Associate Professor
- **Dr. Kotti K.** Assistant Professor
- **Dr. Rakesh Varma**, Professor and Consultant

NEW ADDITION TO THE FACULTY

- **Dr Kotti K**, Assistant Professor
- **Dr Puneet Gupta**, Assistant Professor

FACULTY MEMBERS WHO LEFT THE DEPARTMENT

- **Dr Rakesh Varma**, Professor and Consultant

ASSIGNMENT IN ACADEMIC ASSOCIATIONS:

- **Dr Anunay Gupta**, Visiting Researcher and Clinical Fellow, University of Sydney: April

2022 to Current

SEMINARS/CONFERENCES/WORKSHOPS/CMEs ATTENDED BY THE FACULTY

- **Dr Anunay Gupta**, IHRS 2021, Dec. 2021
- **Dr Anunay Gupta**, DELHI CSI, MARCH 2021
- **Dr Preeti Gupta**, CSI 2021, Dec 2021

FUNDED SPECIAL GRANTS/PROJECTS DURING THE YEAR : ONGOING

Dr Preeti Gupta [PI-Principal Investigator]-

- "Randomized, Double blind, Placebo- Controlled, Phase 3 Study to Evaluate the Long-Term Efficacy and Safety of LIB003 in Heterozygous Familial Hypercholesterolemia Patients on Stable Lipid Lowering Therapy Requiring Additional Low Density Lipoprotein Cholesterol Reduction (LIBerate-HeFH)".
- "Randomized, Double-Blind, Placebo-Controlled, Phase 3 Study to Evaluate the Long-Term Efficacy and Safety of LIB003 in Patients with Cardiovascular Disease on Stable Lipid

Lowering Therapy Requiring Additional Low-Density Lipoprotein Cholesterol Reduction (LIBerate-CVD)".

- "Randomized, Double-Blind, Placebo-Controlled, Phase 3 Study to Evaluate the Long-Term Efficacy and Safety of LIB003 in Patients with Cardiovascular Disease, or at High Risk for Cardiovascular Disease, on Stable Lipid Lowering Therapy Requiring Additional Low Density Lipoprotein Cholesterol Reduction (LIBerate-HR)".
- "Open-Label Extension Phase 3 Study to Evaluate the Long-Term Efficacy and Safety of LIB003 in Patients with Homozygous and Heterozygous Familial Hypercholesterolemia, Cardiovascular Disease, or at High Risk for Cardiovascular Disease, on Stable Lipid-Lowering Therapy Requiring Additional Low-Density Lipoprotein Cholesterol Reduction (LIBerate-OLE)s".
- "A Phase 3 Study to Evaluate the Efficacy and Safety of ARO-APOC3 in Adults with Familial Chylomicronaemia Syndrome". Funded by LIB Therapeutics.

Dr Sandeep Bansal [PI- Principal investigator]-

- 'A Multicenter, Open Label, Single-arm, study to evaluate safety and tolerability of Repatha in patients with Homozygous Familial Hypercholesterolemia' an international trial
- 'A phase IV study to investigate the safety and effectiveness of Rivaroxaban (Xarelto) 2.5mg [BID] + Acetylsalicylic Acid (ASA) 75mg [OD] in Indian patients with coronary and/or symptomatic peripheral artery disease'
- 'A Phase 2 Randomized Study of the Efficacy and Safety of Acalabrutinib with Best Supportive Care Versus Best Supportive Care in Subjects Hospitalized with COVID-19'
- 'Promesa™ DES - 1: A Prospective, Multicenter, Single arm, Open label Study to Evaluate Safety and Performance of Promesa™ DES Sirolimus Eluting Self Expandable Nitinol Peripheral Stent System for Treating Superficial Femoral Artery (SFA) and Iliac Artery Lesions'
- 'Efficacy and Safety of Bolus Injection of a Novel

Thrombolytic Agent (SMRX-11) in Patients with Acute ST-segment Elevation Myocardial Infarction (STEMI): A Phase I/II Open-Label, Dose Escalation, Multicenter, Angiographic Trial'

- 'HEART SMART -To assess the Safety and Performance of Sirolimus eluting coronary stent system in treatment of coronary artery disease conditions with the systematic evaluation in human subjects(PMCF)'
- SELECT - Semaglutide effects on cardiovascular outcomes in people with overweight or obesity Trial Phase: 3b Sponsor: Novo Nordisk India Private Limited, Bangalore
- ZEUS-Effects of zilfivikimab versus placebo on cardiovascular outcomes in participants with established atherosclerotic cardiovascular disease, chronic kidney disease and systemic inflammation.
- FINEARTS - HF -A multicenter, randomized, double blind, parallel-group, placebo-controlled study to evaluate the efficacy and safety of finerenone on morbidity and mortality in participants with heart failure (NYHA II-IV) and left ventricular ejection fraction $\geq 40\%$ (LVEF $\geq 40\%$)
- MAHALE- A Multicentre, Randomised, Double-blind, Parallel-group, Placebo-controlled, 52-Week, Phase III Study with an Open label
- Extension to Evaluate the Efficacy and Safety of Benralizumab in Patients with Non-Cystic Fibrosis Bronchiectasis.
- SER-CAR-A Prospective, Open-Labeled, Multi-Center, Phase-IV Study to Evaluate the Safety and Clinical Acceptability of the Carivalan® the Single Pill Combination (SPC) of Carvedilol / Ivabradine in Indian Patients with Chronic Heart Failure and/or Chronic Coronary Syndrome.
- Co-investigator in "Effect of Semaglutide 2.4 mg once-weekly on function and symptoms in subjects with obesity related heart failure with preserved ejection fraction, and type 2 diabetes".
- Co-investigator in "GENESIS II: A Clinical Evaluation of the HYDRA Self Expanding Transcatheter Aortic Valve".
- Co-investigator in "Effects of semaglutide on

functional capacity in patients with type 2 diabetes and peripheral arterial disease (STRIDE)".

- "A Multicenter, Cross-sectional Study to Characterize the Distribution of Lipoprotein(a) Levels Among Patients with Documented History of Atherosclerotic Cardiovascular Disease (ASCVD) & 20180244: A Double-blind, Randomized, Placebo-controlled, Multicenter Study Assessing the Impact of Olpasiran on Major Cardiovascular Events in Patients with Atherosclerotic Cardiovascular Disease and Elevated Lipoprotein (a)"

PUBLICATIONS OF FACULTY/ RESIDENTS

- Bhasin D, Gupta A, Isser HS, Bansal S. Intramural hematoma burrowing behind a coronary stent: Optical coherence tomography findings. *Cardiovasc Revasc Med.* 2021 Dec 1;S1553-8389(21)00757-0.
- Agarwal R, Gupta A. Echocardiography-Guided Arrhythmic Risk Prediction in the Long QT Syndrome. *J Cardiovasc Echogr.* 2021 Jul-Sep;31(3):187-188.
- Gupta P, Gupta A, Agstam S, Bansal S. Balloon Rupture During Balloon Mitral Valvotomy. *J Invasive Cardiol.* 2021 Nov;33(11):E916.
- Jandial A, Gupta A, Malviya A, Agstam S, Kumar D. Coagulation abnormalities & thromboprophylaxis in COVID-19. *Indian J Med Res.* 2021 May&Jun;153(5&6):606-618.
- Gupta S, Yadav A, Gupta A. A Young Man With Wide Complex Tachycardia-The Devil Is in the Details. *JAMA Intern Med.* 2021 Nov 1;181(11):1511-1513.
- Bansal S, Gupta A. Cardio- oncology: A view from the cardiologist's window. *Int J Cardiol.* 2021 Dec 1;344:225.
- Ramakumar V, Gupta A, Goswami KC, Jagia P, Ramakrishnan S. Mitral valvular nodules of acute rheumatic fever masquerading as intracardiac mass. *Eur Heart J.* 2021 Sep 16;ehab638.
- Bhasin D, Arora GK, Gupta A, Isser HS, Bansal S. L-wave in severe mitral stenosis. *Acta Cardiol.* 2021 Aug;76(6):678-679.
- Kumar R, Bhasin D, Gupta A. Young man with life-threatening palpitations. *Heart.* 2021 Jun;107(11):894-936.
- Bhasin D, Arora GK, Girdhara P, Gupta A, Isser HS, Bansal S. Coronary-Cameral Fistula to Pulmonary Artery: An Innocent Bystander? *J Invasive Cardiol.* 2021 Jan;33(1):E70.
- Gupta A, Hazra KG, Ramakumar V, Bera D. Late detection of a pacemaker malfunction. *Pacing Clin Electrophysiol.* 2021 Oct;44(10):1743-1745.
- Bhasin D, Deshpande AA, Gupta A, Isser HS, Arava S, Sharma S. Fulminant myocarditis mimicking extensive anterior wall myocardial infarction. *Acta Cardiol.* 2021 Nov;76(9):1036-1038.
- Gupta A, Agstam S, Agarwal T, Verma S. An Interesting Case of Acute Asymptomatic Lead Perforation of a Permanent Cardiac Pacemaker. *Cureus.* 2021 Feb 14;13(2):e13334.
- Malviya A, Khan SA, Gupta A, Mishra A. Chronic Marijuana Consumption Leading to High-Grade Atrioventricular Block in a Young Male. *Cureus.* 2021 Jul 6;13(7):e16202.
- Bhasin D, Arora GK, Agstam S, Gupta A, Isser HS, Bansal S. Giant Aortic Root Aneurysm in Marfan's Syndrome. *J Invasive Cardiol.* 2021 Mar;33(3):E231-E232.
- Bhasin D, Arora G, Gupta A, Isser HS, Bansal S. Incessant Focal Atrial Tachycardia Leading to Tachycardiomyopathy. *Cureus.* 2021 Jan 18;13(1):e12770.
- Bhasin D, Kumar R, Gupta A. A Young Woman With Palpitations: A Poison or a Remedy? *Circulation.* 2021 Jun 8;143(23):2312-2315.
- Bhasin D, Isser HS, Gupta A. Chest Pain With ST-Segment Elevation in a Young Woman: A Broken Heart? *Circulation.* 2021 Jan 12;143(2):197-201.
- Bhasin D, Gupta A, Arora GK, Isser HS. Longitudinal Stent Deformation: Insights Provided by Optical Coherence Tomography. *J Invasive Cardiol.* 2021 Aug;33(8):E672-E673.
- Kumar D, Malviya A, Saikia B, Barman B, Gupta A. Abnormally Enlarged Singular Thebesian Vein in Right Atrium. *Cureus.* 2021 Jul 10;13(7):e16300.

- Gupta A, Agstam S, Bhasin D, Rai N, Jain J, Isser HS, Bansal S. Accidental Cannulation of the Cardiac Venous System During Pericardiocentesis. *J Invasive Cardiol*. 2021 Mar;33(3):E225-E226.
- Bhasin D, Arora GK, Gupta A, Isser HS, Bansal S. Perforation of an Aortopulmonary Collateral: A Scary Sight in the Lab! *J Invasive Cardiol*. 2021 Apr;33(4):E312-E313.
- Gupta A, Bhargava K, Bhasin D, Agstam S, Isser HS. Sudden unexpected improvement in the trioventricular conduction. What is the mechanism? *Indian Pacing Electrophysiol J*. 2021 Jul -Aug;21(4):248-250.
- Gupta A, Gupta SK, Ramakrishnan S, Kothari SS. Delivery sheath tip invagination - An unusual cause of failure to retrieve duct occluder. *Ann PediatrCardiol*. 2021 Apr-Jun;14(2):242-243.
- Gupta A, Vinocur JM. An interesting response to adenosine during right ventricular pacing. What is the mechanism? *J Electrocardiol*. 2021 Sep -Oct;68:41-43.
- Agstam S, Agarwal T, Gupta A, Bansal S. Proprotein convertase subtilisin/kexin type 9 (PCSK9) inhibitors in aortic stenosis - Is this the light at the end of the tunnel for patients with aortic stenosis? *Indian Heart J*. 2021 Mar -Apr;73(2):249-252.
- Bhasin D, Kumar R, Gupta A. A Young Man With Generalized Muscle Weakness and a Peculiar Electrocardiogram: Carpe Diem. *JAMA Intern Med*. 2021 Mar 1;181(3):374-376.
- Bhasin D, Kumar R, Gupta P. Man with an ejection systolic murmur *Heart* 2021;107:2006.
- Jain R, Aggarwal P, Jha MJ, Pandit BN, Gupta P, Isser HS. Transesophageal Echocardiographic Assessment of Left Atrial and Left Atrial Appendage Function in Atrial Fibrillation and Rheumatic Heart Disease. *Cureus*. 2021 Oct 11;13(10):e18653.
- Khandelwal R, Gupta P, Gupta A. Assessment of left ventricle systolic and diastolic function in post-covid patients- a prospective, single-center, observational study. *IJSR* 2021. Volume 10, Issue 9, September 2021
- Ali M, Padmanabhan D, Banavalikar B, Raja R P, Gupta A, Kathuria S. End-of-life care in advanced heart failure during cardiology training in India: A survey. *Heart India* 2021;9:118-23
- Kathuria S, Uppal A, Mehta V, Gupta A. Cardiac Diseases and Obesity. *J Postgrad Med Edu Res* 2021; 55 (1):12-20.
- Agstam S, Gupta A, Bansal S. Retinal artery pulsations in aortic regurgitation—the Becker's sign revisited. *DJO*. Volume 27, Number 3, August 21.
- Ghosh S, Yadav A, Francis C, Gupta A, et al. Implications of the use of hydroxychloroquine on cardioactive drugs. *J Pract Cardiovasc Sci* 2021;7:3-7

Case presentation

- LM complication – Delhi CSI 2021 – A case presentation
- Unusually located EAT – IHRS 2021



L to R

Sitting: Dr Sourabh Agastam, Dr Preeti Gupta, Dr HS Isser, Dr Sandeep Bansal, Dr AH Ansari, Dr Kotti K
Standing: Dr Tushar Agrawal, Dr Puneet Gupta, Dr Gaurav Arora, Dr Faraz Ahmed Farooqi

Department of Dermatology & STD

PRELUDE

The department of Dermatology & STD has been functioning as a tertiary care centre and provides comprehensive treatment of dermatological diseases including dermatosurgery, leprosy and sexually transmitted diseases. It also runs special clinics for various chronic skin diseases like psoriasis, autoimmune diseases, nail clinic, hair clinic, vascular anomalies, drug and allergy clinic etc. Initially, there were only a few rooms catering to patients but with the increasing demand and services, the department has been expanding progressively. The dermatology ward for indoor patients has 40 beds and treats a wide spectrum of serious disorders like severe drug reactions, erythroderma, immunobullous disorders etc. The department is an apex centre for the management of Sexually Transmitted Infection and conducts regular teaching, training and research in the field of STD. The department is well-equipped with latest lasers, phototherapy units and radiofrequency machines and is constantly upgrading them. It also

runs the Urban Leprosy Centre under the National Leprosy Elimination Program and provides free MDT treatment. Department also runs a short-term trainee programme for qualified dermatologists.

OUTDOOR SERVICES:

The department offers management for a large number of dermatologic disorders including psoriasis, vitiligo, hair disorders, nail disorders, leprosy and sexually transmitted diseases.

Overview of Skin Department in the year 2021.

Overview of Skin Department in the year 2021.

S.No.	Service Provided	Patient statistics
1.	Out-patient department	1.8 lakh per year
2.	In-patient department	167 per year
3.	OT	
	• Skin Biopsies	2052
	• Electro Surgical Procedures	2640
	• Acne surgery	449
	• Cryo Surgical Procedures	38
	• Chemical Peels	436
	• Skin grafting procedures	28
	• Intralesional injections	2300
	• Keloid treatment	650
	• Nail Surgeries	101
	• Cyst excision	362
	• Derma abrasion	25
	• R/F	2763
	• Derma roller	75
	• Ear lobe repair	09
	• PRP	112
4.	Special clinics	
	• Psoriasis	184
	• Bullous diseases	156
	• Autoimmune connective tissue diseases	56
	• Nail clinic	147
	• Drugs & Allergy clinic	104
	• TB & Granulomatous clinic	12
	• Vascular anomalies clinic	89
	• Phototherapy clinic	12
	• Vitiligo & Pigmentary clinic	121
	• Scar & laser clinic	140
	• Pediatric dermatology clinic	12
	• Hair clinic	244
	• Leprosy clinic	1635

Tests performed in the OPD. (All procedures including surgeries, Phototherapy and lasers are free of charge):

- 1. Woods lamp examination
- 2. Dermoscopy
- 3. KOH examination
- 4. Gram's stain
- 5. Z-N stain for AFB
- 6. Slit skin smear for M. leprae and L. donovani
- 7. Tzanck smear
- 8. Patch test
- 9. Skin & Nail biopsy

Overview of Apex Regional STD Centre

The Apex Regional STD Centre at SJH was established by the Ministry of Health & Family welfare in 1954, under the National STD Control programme, as part of 5 Regional STD Centres (RSC) in the country, for the exclusive diagnosis and management of Sexually transmitted diseases. After the advent of HIV infection and establishment of NACO, the Regional STD Centre began diagnostic tests for HIV in addition to other STDs. The National STD Control Programme later merged with the National AIDS Control Programme (NACP). In 2009, NACO designated this Centre as the Apex Regional STD Centre, with 10 Regional STD Centres and 45 State Reference centres (SRC) across India, to mentor and monitor for STI/RTI diagnosis and quality assurance. The Apex Regional STD Centre is accredited by NABL as per ISO-15189, since 2014, till date.

The activities include-

1. Diagnosis of all STDs.
2. A mobile STD clinic offering services in rural/semi urban parts of Delhi
3. Teaching, Training and Capacity building in STD diagnosis through annual hands-on workshops for all the Regional STD Centres and State Reference Centres, across India.
4. Mentoring and Monitoring of 10 Regional STD Centres across India.
5. Quality Assurance in diagnostics- As quality assurance is a very important aspect of a laboratory, we began participating in Quality assurance programmes with international organizations. For Gonorrhoea, the centre has been participating in EQAS programmes with WHO-CC at Sydney, since 2000. For Syphilis EQAS, the centre has been participating with CDC, Atlanta, USA since 2015. The performance of the centre in these programmes has been highly satisfactory. The Apex laboratory organizes quality assurance testing in all the RSCs by sending annual EQAS panels for Gonorrhoea and Syphilis diagnosis.
6. The Centre offers not only diagnostic facilities but also referral activities for the 10 RSCs in India.

7. In 2018-19, we expanded the scope of our diagnosis of STDs to include Realtime PCR diagnostic tests for several STDs, including Chlamydia, Gonorrhoea, Genital herpes, HPV and Trichomoniasis.
8. The Apex laboratory has been participating in HIV sentinel surveillance (HSS) since 1998.
9. In January 2022, NACO has proposed our Centre to begin the Surveillance activity for STDs too, in the country. This is a very ambitious and prestigious responsibility for our hospital and centre. We look forward to this exciting prospect.

Tests performed at the Apex Regional STD Centre-

Gonorrhoea- *Neisseria gonorrhoeae*-(GC)-

- Gram stain- Gram negative diplococcus.
- Culture and identification- Oxidase, Superoxol tests
- Speciation- RCUT, nitrocefin
- Antimicrobial susceptibility testing (AST)-for 11 drugs by CDS, CLSI and MIC methods.
- EQAS-Quality Assurance with WHO-CC in Sydney.

Syphilis- *Treponema pallidum*-(TP)-

- Dark field microscopy (DFM)
- VDRL- Qualitative and quantitative.
- RPR- Qualitative and quantitative.
- TPHA-
- FTA-Abs-
- Tp-ELISA-IgM and IgG
- Point of care test (POCT)
- Quality Assurance testing from CDC, Atlanta (USA)

Chancroid- *Haemophilus ducreyi*-(HD)-

- Gram stain- to look for Gram negative coccobacilli in 'fish in stream' appearance or clusters.
- Culture on special media for Hd.

Chlamydiasis- *Chlamydia trachomatis* (D to K) (CT)

- Giemsa stain
- ELISA for Ct antigen.
- ELISA for IgM, IgG.
- Direct fluorescent antibody test (DFA)
- PCR for Ct.

Trichomoniasis- *Trichomonas vaginalis* (TV)-

- Wet mount for motile TV.
- Culture on Kupferberg media.
- PCR for TV.

Bacterial Vaginosis (BV)

- Amseil's criteria- pH, discharge consistency, whiff test, Clue cells.
- Nugent's criteria- by Gram's stain scoring.

Vulvo Vaginal Candidiasis- Candida species (VVC)

- KOH mount for fungal elements.
- Gram's stain for budding yeast forms.
- Culture on SDA media.
- Speciation by- Germ tube test, CMA agar, Chrom agar, Sugar tests.
- Antifungal susceptibility testing (AFST)- using Fluconazole, Ketokonazole, Itraconazole, Voriconazole.
- Quality Assurance testing from PGIMER, Chandigarh.

Herpes genitalis-Herpes simplex virus (HSV)

- Tzanck smear for Multinucleated giant cells (MNGC)
- ELISA for IgM and IgG.
- DFA
- PCR

Donovanosis (Granuloma inguinale)-Klebsiella granulomatis -DB

- Giemsa stain using crushed tissue to look for 'safety pin appearance' bacilli.

Lymphogranuloma venereum-Chlamydia trachomatis(L1, L2, L3) (LGV)

- ELISA
- PCR

HPV-PCR Genotyping

Mycoplasma genitalium

Ureaplasma

Total performed in 2021 = 61,378. Number of positive reports in 2021 = 1,866.

FACULTY

- **Dr. R K Anand**, Consultant
- **Dr. T C Arora**, Consultant & Professor
- **Dr. Shikha Bansal**, Associate Professor
- **Dr. Sunil Dayal**, Consultant
- **Dr. Sanchita Karmakar**, Consultant (CGHS) & Assistant Professor
- **Dr. Sushruta Kathuria**, Specialist Gr-I

- **Dr. Geeti Khullar**, Specialist Gr-II (CGHS)
- **Dr. Niti Khunger**, Consultant, Professor & HOD
- **Dr. Sunil Kumar** Consultant (CGHS)&Assistant Professor
- **Dr. Neha Kumar**, Specialist Gr-II (CGHS)
- **Dr. Avneet Monga**, Specialist Gr-II (CGHS)
- **Dr. Poonam Puri**, Professor & Consultant
- **Dr. A K Saxena**, Consultant
- **Dr. Prashant Verma** Associate Professor
- **Dr. Dhaarna Wadhwa** Medical officer
- **Dr. Premlata** CMO HAG & Consultant (CGHS)
- **Dr. Payal** Specialist Gr-II (CGHS)

APEX REGIONAL STD CENTRE

- **Dr. Aradhana Bhargava** Associate Professor & Microbiologist
- **Dr. Sumathi Muralidhar** Professor & Consultant Microbiologist
- **Dr. Charan Singh**, Adviser

NEW ADDITION TO THE FACULTY

- **Dr. Dhaarna Wadhwa**, Medical Officer

FACULTY MEMBERS WHO LEFT THE DEPARTMENT

- **Dr. T C Arora**, Professor & Consultant

PROMOTIONS

- **Dr. Shikha Bansal**, Associate Professor
- **Dr. Prashant Verma**, Associate Professor

ASSIGNMENT IN ACADEMIC ASSOCIATIONS:

- **Dr. Sushruta Kathuria** . Reviewer for Pigment International from 2019-till date
- **Dr. Sushruta Kathuria** . Reviewer for Indian Journal of Dermatology, Venereology and Leprosy from 2019-till date
- **Dr. Geeti Khullar** . Executive Committee Member, Dermatopathology Society of India, from 2021-22
- **Dr. Geeti Khullar**, Member, Special Interest Group, Dermatopathology (IADVL), from 2020 -21
- **Dr. Geeti Khullar**, Member, Special Interest Group, Neglected Tropical Diseases (IADVL) from 2020-21
- **Dr. Geeti Khullar** . Section Editor, IJDVL from 2018- till date
- **Dr. Geeti Khullar** . Assistant Editor, IJDPDD from

2021- till date

- Dr. Sumathi Muralidhar . Member of Executive Committee-IASSTD&AIDS from 2019-2022
- Dr. Sumathi Muralidhar . Lead Assessor- NABL from 2014- till date
- Dr. Sumathi Muralidhar . Technical Assessor -NABL from 2011- till date
- Dr. Sumathi Muralidhar . Designated as Quality Manager for Regional STD Centre & SRL-HIV. from 16.12.2011- till date
- Dr. Sumathi Muralidhar . Ethics Committee of SJH – Designated as Member Secretary of IEC on 26.5.20 by MS. from 26.05.2020- till date
- Dr. Sumathi Muralidhar . Member of Technical Advisory Group (TAG) –NACO from 2017- till date.
- Dr. Sumathi Muralidhar . Member of Technical Resource Group-NACO from 2016- till date.
- Dr. Sumathi Muralidhar . Member of Technical Specifications Committee and Bid Evaluation Report meetings at NACO. from 2016- till date.
- Dr. Sumathi Muralidhar . Member of Technical Working Group (TWG)-NACO from 2016- till date.
- Dr. Sumathi Muralidhar . External member for Equipment Technical Specifications Committee at AIIMS, New Delhi. from 2016- till date.
- Dr. Sumathi Muralidhar . Coordinator for NABL Accreditation activities of all laboratories in VMMC & SJH. from 2018- till date
- Dr. Sumathi Muralidhar . Nodal Officer for ICTC -HIV Lab, SRL-HIV Lab and STI Lab at this Centre. from 2010 till date
- Dr. Sumathi Muralidhar . Nodal Officer for PGcounseling and UG counseling- from 2018- till date
- Dr. Sumathi Muralidhar . Member of Grievance redressal cell- at Moolchand hospital for DNB candidates, as external member from Govt. institution. from 25.10.2021- till date.
- Dr. Sumathi Muralidhar . Nominated as member of the Student Research Committee (SRC), by Dean of GGSIP University. from 13.10.2021- till date.

DISTINCTIONS ACHIEVED BY THE MEMBERS OF THE FACULTY

AWARDS:

- Dr. Sushruta Kathuria. Gold medal in Interministry weightlifting championship organized by central civil service cultural & sports board in 2021.
- Dr. Niti Khunger. Received the prestigious Dr TC Saikia memorial oration by the college Faculty: North East IADVL branch in 2021.
- Dr. Niti Khunger. Selected as Coordinator, IADVL Acne task force for the year 2021-2022 and conducted 10 CME on various aspects of Acne & Acne scars in 2021-22
- Dr. Niti Khunger Member of Executive Committee ACSI in 2019-22
- Dr. Niti Khunger. Reviewer for International & National Journals: Dermatology Therapy, IJDVL, IJD, IDOJ in 2021
- Dr. Sumathi Muralidhar. Recognition as PhD Supervisor by GGSIP University in 25th March 2021.
- Dr. Sumathi Muralidhar . Awarded a Certificate of Appreciation and a plaque by Medical Superintendent, VMMC & Safdarjung Hospital, New Delhi for outstanding contribution to "Entry Level NABH certification of Safdarjung Hospital" on 2.11.21
- Dr. Prashant Verma. Interministry powerlifting championship organized by central civil service cultural & sports board in 2020-21, Gold medal in bench press in 2020-21, Bronze medal in powerlifting in 2020-21 and Delhi state powerlifting championship 2021 gold medal in 2020-21

OTHER DISTINCTIONS

Dr. Sushruta Kathuria

Best letter to the editor award by IADVL 2021

Dr. Sumathi Muralidhar

- 2021- Reviewer for Journals of repute- IJMR; IJDVL; IJSTDAIDS
- 22nd – 24th January 2021- Attended the Online PIO Training - Internal Assessor course for NABH Accreditation.
- 6th March & 9th March 2021- Delivered lectures at the Online Blended Clinical Training Programme

for TOs and LTs, organized by NACO.

- 15th – 16th March 2021-Resource person in onsite Training workshop for SRL-TOs and Lts organized by NACO at Hotel Rockland

SEMINARS / CONFERENCES / WORKSHOPS / CMEs HELD IN THE DEPARTMENT.

- Organized the one day Online SRLEQAS Workshop for Training the LTs of 23 linked ICTCs in Delhi on 19th January 2021.
- Organized the Review meeting of Steering Committee for NABL Accreditation of Laboratories of VMMC & SJH, chaired by Medical Superintendent on 23rd February 2021.
- Three day Online STI workshop for linked Regional STD Centres and State Reference centres in India on 7th – 9th April 2021.
- Training of LTs of linked ICTCs to initiate the uploading of HIVEQAS data in NACO Prayogshala portal on 27th July 2021.
- Organized the Review meeting of Steering Committee for NABL Accreditation of Laboratories of VMMC & SJH, chaired by Medical Superintendent on 8th September 2021.
- Organized the Review meeting of Steering Committee for NABL Accreditation of Laboratories of VMMC & SJH, chaired by Medical Superintendent on 3rd December 2021.

SEMINARS / CONFERENCES / WORKSHOPS / CMEs ATTENDED BY THE FACULTY:

Dr. Shikha Bansal

- E Dermacon –Invited faculty –Whats new in nail. Feb 2021.
- STI skill building workshop-panel discussion -case based scenario.
- Annual Cuticon IADVL Delhi State Branch -Invited faculty for panel discussion- Practice gaps in Dermatology – Pertaining to Immunosuppressives.
- Helped in Organizing DSACS sponsored three -day online Capacity Building Training in management of STIs/ RTIs, a national level workshop with more than 300 participants, for medical colleges, clinicians, technicians and counsellors from 7th to 9th April 2021.
- Attended Revised Basic Course Workshop -

30/31 march, 1st April 2021.

Dr. Aradhana Bhargava

- Organized training program on implementation (POI) of NABH 5th edition standards in collaboration of NABH for faculty and staff as a part of core committee of Quality Cell (NABH), VMMC & Safdarjung Hospital from 22nd to 24th January 2021.
- Organized training on "Fire and Life Safety in Hospital" from 12th -13th March 2021 by Centre for Disaster Management studies (CDMS), Guru Gobind Singh Indraprastha University for members of Disaster Management Team (Fire) on 12th and 13th March 2021.
- Organized DSACS sponsored three-day online Capacity Building Training in management of STIs/ RTIs, a national level workshop with more than 300 participants, for medical colleges, clinicians, technicians and counsellors from 7th to 9th April 2021.

Dr. Sushruta Kathuria

attended STI Workshop(Online) from 7th to 9th April 2021

Dr. Geeti Khullar attended

- E-DERMACON 2021 (Online) from 5th to 7th February 2021
- STI Workshop (Online) from 7th to 9th April 2021
- SIG Dermatopathology CME by Gujarat State Branch (Online) on 2nd May 2021
- SIG Neglected Tropical Diseases CME by Gujarat State Branch (Online) on 23rd May 2021
- MID-CUTICON Delhi State Branch 2021 (Online) on 11th July 2021
- IADVL PG Class on MSM (Online) on 11th July 2021
- MID-DERMACON, Mangalore on 14th August 2021
- IADVL PG Class on Dermatopathology (Online) from 28th-30th October 2021
- IADVL PG Class on Dermoscopic -Histopathologic correlation (Online) on 23rd October 2021
- SIG Neglected Tropical Diseases CME by West

Bengal Branch (Online) on 12th December 2021.

- CUTICON, Delhi State Branch on 19th December 2021.

Dr. Sumathi Muralidhar

- Attended the International Conference of IUSTI held at Amsterdam as delegate (virtual). Was granted a Scholarship for this conference for my paper which was presented at the conference. 14th – 18th July 2021
- Invited panelist at 3day meeting organized by NACO to discuss NACP- phase –V-STI Surveillance and Epidemiology, at Shangri-La Hotel. 27th – 29th August 2021
- Invited speaker at eASTICON- National Conference of IASSTD & AIDS organized by Hyderabad zone-Topic- Extra-genital STI diagnosis. 12th September 2021
- Invited speaker in webinar organized by Wolters -Klower. Topic- Bacterial physiology. 14th September 2021
- Attended a webinar on HIV and STIs. 16th September 2021
- Invited expert speaker at Webinar organized by DSC- Topic- STDs and HIV/AIDS. 18th September 2021
- Resource person at Post HIV-HSS Meeting – Hotel Lemon Tree, Gurgaon. 4th – 5th October 2021
- Invited speaker at World AIDS Day symposium organized by Department of Medicine-SJH. 1st December 2021

RESEARCH: THESIS (ONGOING)

- Dr. Prakhar Srivastava. Nailfold Capillaroscopy as a Rapid Non- invasive Tool for Assessment of Microvascular Complications in Diabetes Mellitus. 2020- 23. (Guide- Dr. Niti Khunger & Dr. RK Duvesh).
- Dr. Prabin P. Dev. Evaluation of serum cytokine levels in dermatophytosis. 2020-23. (Guide- Dr. Shikha Bansal & Dr. Aradhana Bhargava).
- Dr. Sonal Nagia. Clinico-etiological study of urethral discharge syndrome in patients attending sexually transmitted infections. 2020-23. (Guide- Dr. Prashant Verma & Dr. Aradhana Bhargava).

- Dr. Neha Yadav. Evaluation of dermoscopic features of entire spectrum of leprosy. 2020-23. (Guide-Dr.NitiKhunger& Dr.AmitYadav).
- Dr. Kanupriya Kapil. Evaluation of clinical profile in severe cutaneous adverse drugs reactions. 2020 -23. (Guide- Dr. Poonam Puri).
- Dr. Madhavi Kirti. Clinico-syndromic validation of aetiological diagnosis of genital discharge diseases in patients attending sexually transmitted infections clinics. MD Microbiology. 2019-2022. (Guide-Dr. Sumathi Muralidhar)

RESEARCH: THESIS (COMPLETED)

- Dr. Rinku Gujar. Dermatological adverse reaction to chemotherapeutic agents. 2019-22. (Guide-Dr. Poonam Puri).
- Dr. Chetan Kumar. To study the role of real time polymerase chain reaction in diagnosis of herpes genitalis. 2019-22. (Guide- Dr. Poonam Puri & Dr. Sumathi Muralidhar).
- Dr. Ankur Lal. Cutaneous and systemic bacterial infections and their antimicrobial. 2019-22. (Guide-Dr.Niti Khunger).
- Dr. Neha Chauhan. Human papilloma genotypes in virus clinical forms of external anogenital warts : A study of clinical and dermoscopic features with HPV genotyping in external anogenital warts. 2019-22. (Guide-NitiKhunger & Dr. Sumathi Muralidhar)
- Dr. Divyashree. Serum cytokines level in patients of hyperkeratotic hand eczema & chronic plaque psoriasis with hand involvement. 2019-22. (Guide- Dr. T C Arora)
- Dr. Raksha (OBG). Effect of various contraceptive methods on Vaginal microbiota. 2019-22. (Guide-Dr.SumathiMuralidhar).

FUNDED SPECIAL GRANTS/PROJECTS DURING THE YEAR (ONGOING):

- Dr. Sumathi Muralidhar. GSK Gepotidacin GC in vitro Global Surveillance study. Ongoing. Will be completed in December 2022. 2018-2022. Granted by IHMA. \$ 8000/-

PUBLICATIONS OF FACULTY/ RESIDENTS

- Khunger N, Pant H. Cosmetic Procedures in Adolescents: What's Safe and What Can Wait. -

- Indian Journal of Paediatric Dermatology. 2021;22(1):12-20.
- Sharma A, Shamsunder S, Khunger N, Khanna G, Zutshi V. Chronic vulval symptoms: comparison of various diagnostic methods. *Int. J. Adv. Res.* 2021. 9(02), 310-314.
 - Bhandari M, Kathuria S, Khunger N, Sharma B. Mycetoma due to *Nocardia Africana*/Nova treated successfully with cotrimoxazole and moxifloxacin. *Indian Dermatol Online J* 2021;12:298-301.
 - Mehrotra K, Khunger N, Sharma S, Muradia I, Chakravarty P, Kathuria S. Tufted angioma with coagulopathy: a dermoscopic evaluation and successful treatment. *Int J Dermatol.* 2021 Sep;60(9):e379-e381.
 - Khunger N, Khullar G, Mann KK, Yadav AK. Generalized erythematous and hypopigmented papules and nodules in a young female. *Indian J Dermatol Venereol Leprol.* 2021 Apr 23:1-5.
 - Agarwal M, Khunger N, Sharma S. A dermoscopic study of cutaneous warts and its utility in monitoring real-time wart destruction by radiofrequency ablation. *J Cutan Aesthet Surg* 2021;14:166-71.
 - Doley P, Yadav G, Gupta M, Muralidhar S. Knowledge, health seeking behavior and barriers for treatment of reproductive tract infections among married women of reproductive age in Delhi. *International Journal of Reproduction, Contraception, Obstetrics and Gynecology.* 2021;10 (2):591-596.
 - National CD4 testing guidelines revision Committee-(NACO)- 3rd August 2021- Member of the Revision committee. Contributed Chapters 1,2 and 5 to the National guidelines published by NACO.
 - Bansal S, Verma P. Study of pigmentary disorders of skin associated with underlying chronic liver disease. *Int J Dermatol Venereology Leprosy Sci* 2021;4(2):09-12.
 - Verma P, Bansal S, Kishore S, Saxena A, Bhargava A, Khunger N. Trends of sexually transmitted infections in a tertiary care center: A 5 year's analysis. *Int J Dermatol Venereology Leprosy Sci* 2021;4(2):13-17.
 - Grover C, Bansal S. Nail changes associated with pigmentary disorders. *Pigment Int* 2021;8:76-85
 - Nanda S, Bansal S, Lakhani R. Use of Hyaluronic acid fillers in treatment of peri ocular melanosis induced by shadow effect of tear trough deformity: Anatomical considerations, patient satisfaction and management of complications. *J Cosmet Dermatol.* 2021 May 24.
 - Nanda S, Bansal S, Lakhani R. "Safety and efficacy of photofacial in Indian skin-A study on 82 patients". *J Cosmet Dermatol.* 2021 Jun 6.
 - Grover C, Nanda S, Bansal S. Efficacy of fractional CO2 laser in onychomycosis: A clinical evaluation. *Indian Dermatol Online J* [Epub ahead of print] [cited 2021 Aug 30]
 - Lakhani R, Khullar G, Sharma S, Saxena AK, Bhargava A. Verrucous Bowen's disease on the hand successfully treated with prolonged course of topical 5% 5fluorouracil. *Dermatologic Therapy.* 2021;34:e14614.
 - Chhabra G, Verma P, Khunger N. Refractory Pemphigus Herpetiformis in a Child Responsive to Intravenous Cyclophosphamide Pulse. *Skinmed.* 2021;19:226-227
 - Chhabra G, Verma P. Autologous Platelet-Rich Plasma Therapy in the Treatment of Nonhealing Hypertrophic Lesions of Pemphigus. *Skinmed.* 2021;19:77-78.
 - Chhabra G, Verma P. Angiokeratoma Circumscriptum Naeviforme on Trunk. *J Cutan Med Surg.* 2021 May 12:12034754211016289.
 - Mehrotra K, Bhandari M, Khullar G, Sharma S. Large Superficial Angiomyxoma of the Vulva -report of Two Cases with Varied Clinical Presentation. *Indian Dermatol Online J.* 2021;12:605-607.
 - Chhabra G, Verma P, Khullar G, Sharma S. Acroangiokeratosis, Mali and Stewart-Bluefarb type: two additional cases in adolescents. *Australas J Dermatol.* 2021;62:e156-e157
 - Khullar G, Chandra M, Bhargava A. Verrucous

epidermoid cyst on the back containing high risk human papillomaviruses- 16 and 59. *Australas J Dermatol.* 2021;62:e133-e134.

- Chanana C, Khullar G. Visual Dermatology: Annular scaly plaques localized to acral sites. *J Cutan Med Surg.* 2021;25:643.
- Talwar A, Khullar G, Talwar K, Agarwal D, Chandra M. Violaceous annular plaques on the abdomen in a middle-aged woman. *Int J Dermatol.* 2021;60:e211-e213.
- Chhabra G, Khullar G, Ramesh V, Sharma S. Linear figurate plaques with hemorrhagic bullae and ulceration on the leg. *Int J Dermatol.* 2021;60:e132-e-134.
- Khullar G. Comment on "Sirolimus as combination rescue therapy with tumor necrosis alpha inhibitors for severe, refractory hidradenitis suppurativa". *J Am Acad Dermatol.* 2021;84:e265-e266
- Kanoje PK, Khullar G, Yadav AK, Saxena AK, Gupta DK. Generalized leukemia cutis as the initial manifestation of precursor-B-cell acute lymphoblastic leukemia in a young male. *Dermatol Ther.* 2021;34:e14594.
- Muradia I, Khullar G, Sharma S, Kolte S. Case Report: A Case of Tuberculosis with Psoriasiform Lichen Scrofulosorum Exhibiting Koebner's Phenomenon followed by Scrofuloderma. *Am J Trop Med Hyg.* 2021;105:630-632..
- Khullar G, Das A. Eponymous dermatological contributions linked to Josef Jadassohn. *Indian J Dermatol VenereolLeprol.* 2021;87:881-882.
- Khullar G, Ramesh V. Visual Dermatology: Adult Onset Orbital Xanthogranuloma. *J Cutan Med Surg.* 2021;25:207.
- Mittal S, Khullar G, Sharma S. Erythematous to Bluish Nodule on the Face in a Young Male. *Indian Dermatol Online J.* 2021;12:652-654.
- Lakhani R, Khullar G, Sharma S. An unusual case of co-localization of proliferating trichilemmal tumor and seborrheic keratosis. *Indian J Dermatol VenereolLeprol.* 2021;87:551-554.

- Co-editor of Newsletter of SIG Dermatopathology- June 2021
- Mehrotra K, Khunger N, Sharma S, Muradia I, Chakravarty P, Kathuria S. Tufted angioma with coagulopathy: a dermoscopic evaluation and successful treatment. *Int J Dermatol.* 2021;60:e379-e381.
- Bhandari M, Kathuria S, Khunger N, Sharma B. Mycetoma due to *Nocardia Africana/Nova* Treated Successfully with Cotrimoxazole and Moxifloxacin. *Indian Dermatol Online J.* 2021;12:298-301.
- Bhandari M, Kathuria S, Khunger N. Etiology of contact dermatitis on face in Indian patients. *Global J Res Anal* 2021; 10: 1-2

BOOK CHAPTERS

- Khunger N, Gupta J, Chanana C. Basics of peeling and glycolic acid peel in 3rd edition of the ACSI textbook of Dermatosurgery and Aesthetic Dermatology. Chapter 83. Eds Chatterjee M. In Press.
- Khunger N, Lakhani R, Panesar G. Chemosurgery. 3rd edition of the ACSI textbook of Dermatosurgery and Aesthetic Dermatology. Chapter 69. Eds Chatterjee M. In Press.
- Khunger N, Goel A. Complications of Vitiligo Surgery. Chapter 43 in 3rd edition of the ACSI textbook of Dermatosurgery and Aesthetic Dermatology. Eds Chatterjee M. In Press.
- Khunger N, Chanana C. Chemical peels in Essentials for Aesthetic Dermatology in Ethnic Skin: Practice and Procedure "Eds Sachdev M, Khunger N. Taylor & Francis. In press.
- Niti Khunger, Anuradha Bishnoi, Anuradha Jindal, AswathRajan. Hyperpigmented dermatosis. In IADVL Atlas of Dermoscopy.
- Khunger N, Kumar A. Chemical peels. In post graduate textbook in dermatology.
- Paliwal P, Khullar G, Sinha S. Dermatopathology. In: Compendium of Dermatology for Examinations (Kabir Sardana, Surbhi Sinha, Seema Rani, eds), 2nd edn. CBS Publishers, 2021: 874-888
- Dhatarwal N, Khullar G. Therapy for Psoriasis in

Pregnancy. In: Handbook of Psoriasis (Manjunath Shenoy, Anupam Das, eds), 1st edn. Knowledge Bridge Pvt. Ltd.

- Kathuria S, Anand P. Neonate born to mother with pemphigus vulgaris. In: Deorari A, Parekh BJ. Editors, Textbook of Clinical Neonatology. 1st Edition. Jaypee Brother Medical Publishers, Delhi. 2021. P416-19.

GUEST LECTURES DELIVERED BY THE FACULTY.

Dr. Niti Khunger

- Targeted approach to Acne Scars in E DERMACON organized by IADVL on 31.1.2021.
- Workshop on procedural treatments in acne scars in E DERMACON organized by IADVL on 31.1.2021.
- Subcision in acne scars in E DERMACON organized by IADVL on 31.1.2021.
- Acne in adults, webinar organized by IADVL Acne task Force, on 12.2.2021.
- Dermoscopic assessment of therapy in dermatology in IADVL Dermoscopy workshop organized by IADVL on 21.2.2021.
- Approach to a patient with anogenital warts. Workshop on STI, 7-9 April 2021.
- Skin and Soft tissue infection, 26.5.2021.
- Periocular and perioral melanosis, Derma Medecon, 4.6.2021.
- Procedures in active acne, Derma Medecon, 4.6.2021.
- Vascular lesions in children, IADVL Kerala, 13.6.2021.
- Complications of Vitiligo Surgery. IADVL Odisha Branch, 18.6.2021.
- Chemical peels in acne. Webinar organized by the International Peeling Society, 29.6.2021.
- Relevance of HPV typing. 17th World Congress, organized by International Federation of Cervical Pathology and Colposcopy, 5.7.2021.
- Biofiller for acne scars. webinar organized by DASIL, 10.7.2021.
- Sclerotherapy-An underutilized modality, in MIDCUTICON Delhi, 11.7.2021.
- Injectable technique for post burn contracture, webinar organized by DASIL, 11.7.2021.
- Chemical peels in active acne, webinar organized by IADVL Acne task Force, on 25.7.2021.
- Management of acne scars- Assessment & Combination techniques in P Procedural Training program, organized by IADVL 29.8.2021.
- Gems in Acne scar surgery, ACSICON, organized by Association of Cutaneous Surgeons of India, 3-4 September 2021.
- Fat grafting for atrophic scars, ACSICON, organized by Association of Cutaneous Surgeons of India, 3-4 September 2021.
- Pediatric acne. Organized by IADVL Acne task force, 19.9.2021.
- Subcision for acne scars, organized by IADVL Acne Task Force, 3.10.2021.
- Chemical peels-How I do it, Video paper organized by 20.10.2021.
- Scar Revision-What's new, MID_DERMACON organized by IADVL, Mangalore, 28.10.2021.
- Procedures in severe active acne, MID_DERMACON organized by IADVL, Mangalore, 28.10.2021.
- Targeted approach to acne scars, MID_DERMACON organized by IADVL, Mangalore, 28.10.2021.
- Workshop on chemical peels, organized by Bangladesh Academy of Dermatology, BADCON, at Dhaka, Bangladesh, 15 November 2021.
- Advances in the management of hemangiomas&vascular malformations organized by Bangladesh Academy of Dermatology, BADCON at Dhaka, Bangladesh, 14-15 November 2021.
- Vulval Dermatoses, webinar organized by Association of Gynecologic Oncologists of India, 18.11.2021.
- Treating the Untreatable- How I managed my challenging patients and The lessons I learnt. Delivered the prestigious TC Saikia Oration by Northeast CUTICON, 27.11.2021.
- Fat transfer for acne scars, Webinar organized by IADVL Acne task force, 28.11.2021.
- Virtual PG exams in Medical Education, Gujarat CUTICON, 12.12.2021.
- Unboxing the metabolic syndrome in Rajasthan

CUTICON, 18-19 December, 2021.

Dr. Aradhana Bhargava

- Invited as a panelist in 17th World Congress for Cervical Pathology & Colposcopy IFCPC India 2021 Virtual World Congress from 1st to 5th July 2021.
- Invited as a panelist at Mid Cuticon E conference 2021 by Indian Association of Dermatologists, Venereologists and Leprologists (Delhi State Branch) in the Panel Discussion on Challenging Scenarios in STI on 11th July 2021.
- Invited as a faculty by HISICON 2021, XVII Annual Conference of Hospital Infection Society- India, for a pre-conference workshop "Biosafety In Public Health Laboratories/ Health Care setting" on the theme-Healthcare Associated Infections Addressing Challenges and unfolding of solutions held on 28th July 2021.
- Invited National Health Systems Resource Centre, Technical Support Institution with National Health Mission, Ministry of Health & Family Welfare, Government of India, to give a talk on "FireSafety" during National Webinar for "Patient safety week" on 16th September 2021.
- Invited to chair the session on "Screening Procedures for Cervical Cancer- HPV Testing" at Pre-Conference Workshop for Protocols & Procedures for Cervical Cancer Prevention (Video Workshop), 43rd Annual AOGD Conference of The Association of Obstetricians and Gynaecologists of Delhi, on 18th November 2021.

Dr. Geeti Khullar

- Speaker on "Interesting clinicopathological case" in e-DERMACON 2021
- Moderator for panel discussion on "Extragenital discharges: An unexplored territory" in STI e-Workshop 2021 by VMMC and Safdarjung Hospital, Delhi
- Quiz Master for IGNQPP 2021, UP and UK state branch
- Speaker on "Non-infectious granulomas" in SIG Dermatopathology CME by Gujarat State Branch (Online)
- Speaker on "Challenges in management of

cutaneous leishmaniasis" in SIG Neglected Tropical Diseases CME by Gujarat State Branch (Online)

- Panelist in "STD case discussion" in MID-CUTICON Delhi State Branch 2021 (Online)
- Moderator in panel discussion in IADVL PG Class on MSM (Online)
- Speaker on "Not so innocuous cutaneous nodules" in MID-DERMACON, Mangalore
- Speaker on "Special stains" in IADVL PG Class on Dermatopathology (Online)
- Speaker on "Onychoscopy" in IADVL PG Class on Dermoscopic- Histopathologic correlation (Online)
- Speaker on "Interesting case" in SIG Neglected Tropical Diseases CME by West Bengal Branch (Online)
- Panelist in panel discussion on "Connective tissue diseases" in CUTICON Delhi State Branch

GUEST LECTURES ORGANIZED BY THE DEPARTMENT

Online CME on scalp biopsy was conducted on 25th November, 2021. Guest speakers from Mumbai delivered the lectures.

EXTERNAL ASSIGNMENTS OF SIGNIFICANCE

Dr. Sumathi Muralidhar is member of following expert panels-

- Expert member in Selection panel for various posts hired by NACO.
- Member of Technical Resource Group-NACO
- Member of Technical Advisory Group-NACO
- Member of Technical Working Group-NACO
- Member of Technical Specifications Committee-NACO.
- Member of Expert panel for STI Surveillance activities-ICMR.
- As Quality Manager, Dr. Sumathi Muralidhar was the nodal person for 18th – 19th May 2021- NABL Re-assessment audit in virtual mode. Subsequent to this audit the laboratory was granted renewal of NABL accreditation from 1.6.21 to 31.5.23.
- March 2022- GC-EQAS carried out (Panels sent) to 17 centres across India.
- Organised the Re-testing HIV EQAS for all the linked ICTCs four times in 2021-22 (Quarterly

~Jan-Apr-Jul-Oct).

SIGNIFICANT FACILITY CREATED IN THE CURRENT YEAR

- Enrolled for participation in International Quality Control of Molecular Diagnostics (QCMD) for Molecular laboratory of this department (PCR).

SOCIAL/PUBLIC SERVICE DONE BY THE DEPARTMENT

- Regular STD Mobile team visits rural parts of Delhi- Fatehpur Beri, Palam and Najafgarh districts on all working Mondays, Wednesdays and Fridays, respectively.
- Leprosy day, Vitiligo Day and Psoriasis Day were celebrated in association with the National Body (IADVL) to educate the public about these common disorders.
- Public lectures on common skin problems are done by senior residents every Thursday during OPD hours.
- The patients are educated on the treatment and myths prevailing around Vitiligo and leprosy through displayed pictures in the hospital. A functional TV in the OPD gives information about common skin diseases.

BRIEF WRITE UP ON DISTINCTIONS ATTAINED IN SPORTS AND EXTRA CURRICULAR ACTIVITIES AT THE UNIVERSITY OR INTER-UNIVERSITY LEVEL BY THE STUDENTS.

- Mr. Rattan Singh Rana, Health Educator of this department, won gold medals in National and Asian championships for power lifting.
- Dr. Sumathi Muralidhar won third prize in Singing competition, at VMMC & SJH Cultural club events.
- Dr. Premlata, 1st prize in table tennis singles at VMMC & SJH, Sports meet
- Dr. Neha Kumar, Silver medal in inter ministry bench press championship & Bronze medal in interministry powerlifting championship.
- Dr. Payal, won second prize in Antakshari at VMMC faculty sports & cultural meet & was part of the winning women's cricket team.
- **DISTINCTIONS ATTAINED BY STUDENTS/ RESIDENTS**
- **Dr. Prakhar Srivastava-** HIV World Congress Scholarship by the IUSTI (International Union Against Sexually Transmitted Infections), 2021



Sitting (L to R): Dr. R. K. Anand, Dr. Sunil Dayal, Dr. Premlata, Dr. Niti Khunger, Dr. Sumathi Muralidhar, Dr. Sanchita Karmakar, Dr. Charan Singh, Dr. Prashant Verma

Standing (L to R): Dr. A.K. Saxena, Dr. Krati Dewan, Dr. Shikha Bansal, Dr. Geeti Khullar, Dr. Avneet Monga, Dr. Neha Kumar, Dr. Payal, Dr. Sushruta Kathuria, Dr. Dhaarna Wadhwa, Dr. Santosh Rajan

Department of Endocrinology

PRELUDE

- Patients seen in the OPDs- 28312
- Inpatient admission- 473
- Tests done in Endocrine Lab- 22859
- Referrals seen from another departments- 2884

FACULTY

- **Dr. Purnima Agarwal**, Assoc. Prof.
- **Dr. Krishna Biswas**, Prof. & HOD
- **Dr. Subhajit Dhar**, CMO
- **Dr. Kamran Faisal**, CMO (NFSG)
- **Dr. Radhika Jindal**, Assoc. Prof.

SEMINARS / CONFERENCES / WORKSHOPS

/CMEs ATTENDED BY THE FACULTY

Dr Purnima Agarwal

- Attended Endo Update 2021- Puberty; Virtual from 9-10 October 2021
- Attended 12th Annual Endocrine Summit, India; Virtual from 23-24 October 2021

Dr Krishna Biswas

- Attended eENDOCON 2021 (online conference)
- on Pediatric Endocrinology in association with

- IAP, Delhi) from 17-18 December 2021 (as Faculty)

Dr Radhika Jindal

- Attended 4th Annual Conference of the Society for Promotion of Education in Endocrinology and Diabetes (SPEED); Cyber SPEEDCON 2021 from 20-21 February 2021 (as Faculty)
- Attended Endo Update 2021- Puberty; Virtual from 9-10 October 2021
- Attended 12th Annual Endocrine Summit, India; Virtual from 23-24 October 2021

RESEARCH: THESIS (ONGOING)

- **Dr. Nitesh Baudh**- Assessment of glycemic variability using continuous glucose monitoring system in patients with PCOS from 2020-2022 (Guide-Dr Krishna Biswas)
- **Dr. Nisha**- Bone mineral parameters in patients with hypopituitarism of varied etiologies from 2020-2022 (Guide-Dr Krishna Biswas)

RESEARCH: THESIS (COMPLETED)

- Dr. Rahul Chauda- Target height attainment in children with type 1 Diabetes Mellitus diagnosed prepubertally from 2019-2021 (Guide- Dr Krishna Biswas)
- Dr. Abhishek Prakash- Follow up study of thyroid status after delivery in cases of subclinical hypothyroidism diagnosed during pregnancy from 2019-2021 (Guide- Dr Krishna Biswas)

PUBLICATIONS OF FACULTY/ RESIDENTS

- Dutta D, Jindal R, Mehta D, Khandelwal D, Sharma M. Efficacy and safety of novel sodium glucose cotransporter-2 inhibitor remogliflozin in the management of type 2 diabetes mellitus: A systematic review and meta-analysis. *Diabetes Metab Syndr.* 2021 Nov-Dec;15(6):102315.
- Dutta D, Jindal R, Kumar M, Mehta D, Dhall A, Sharma M. Efficacy and Safety of Once Weekly Thyroxine as Compared to Daily Thyroxine in Managing Primary Hypothyroidism: A Systematic Review and Meta-Analysis. *Indian J Endocrinol Metab.* 2021 Mar-Apr; 25(2):76-85.

CHAPTERS IN BOOKS

- Wangnoo SK, Jindal R (2021). Postpartum Management of a Patient with Diabetes in Pregnancy. In Dheeraj Kapoor, Sanjay Kalra (Ed.), *Diabetes in Pregnancy-A Comprehensive Approach* (pp 232-239), Salubris Medical Publishers, Noida. ISBN (13): 9788194558170

EXTERNAL ASSIGNMENTS OF SIGNIFICANCE

- Dr. Krishna Biswas, Prof & HOD has been the

chairman of project review committee for adhoc research scheme of ICMR in the area of 'Obesity & Metabolic syndrome & chronic diseases.'

NEW COURSES / SUBJECTS INTRODUCED DURING THE YEAR

- Dr. NB (Endocrinology) course started in 2019 with two students/year. Second batch (2020-2023) of two Dr NB (Endocrinology) students joined in 2021 due to delayed admission for Covid pandemic.

ANY SIGNIFICANT FACILITY CREATED IN THE CURRENT YEAR

- Fully automated clinical chemistry analyzer and ISE' purchased in 2020 but could not be made functional due to COVID 19 pandemic, has been made functional in June, 2021

SIGNIFICANT ACHIEVEMENTS DURING THE YEAR

- In spite of COVID pandemic and consequent closure of the Superspeciality block with shifting of Endocrinology OPD temporarily to New OPD block, a total of 28312 patients were seen in the OPD in the year 2021, of which 5870 were new patients. In the Endocrinology lab, 22859 tests were done in the year 2021 despite limitations related to COVID pandemic.
- Our department is one of the reporting centers of collaborating Centre, AIIMS of the ongoing study by the ICMR (Registry of people with diabetes in India with Young Age at the onset).



L to R: Dr Radhika Jindal, Dr Subhajit Dhar, Dr Krishna Biswas,
Dr Purnima Agarwal, Dr Kamran Faisal

Department of Haematology

PRELUDE

Patient load in the facility

IPD admissions in the Department (Exclusively for Haematology)		
Year	Total Number of Patient admitted in the department	Total Number of General Patient admitted in the department
2021	532(IPD)+1350(DAY CARE) =1882	1882

FACULTY

- **Dr. Sumita Chaudhry**, Consultant & Associate Professor
- **Dr. Aditi Jain**, Assistant Professor
- **Dr. Ankur Jain**, Assistant Professor
- **Dr. Jitender Mohan Khunger**, Consultant, Professor & HOD
- **Dr. Sumita Saluja**, Consultant & Professor
- **Dr. Monica Sharma**, Consultant & Associate Professor

FACULTY MEMBERS WHO LEFT THE DEPARTMENT

- **Dr. Pooja Prasad**, Assistant Professor
-

DISTINCTIONS ACHIEVED BY THE MEMBERS OF THE FACULTY, AWARDS

NABL Accreditation of Haematology Lab

External assessment for Accreditation was conducted online on dt. 04-09-2021 & awarded Accreditation of Haematology Lab for all major investigations by National Accreditation Board for Testing Calibration Laboratories (NABL) on dt.12-01-2022.

SEMINARS /CONFERENCES /WORKSHOPS /CMES ATTENDED BY THE FACULTY

Dr JM Khunger attended online 'Hematocon' National conference, 2021

Dr Monica Sharma attended online 'Hematocon'

National conference, 2021

Dr Ankur Jain attended online 'Hematocon' Nation conference, 2021

RESEARCH: THESIS (ONGOING)

Dr. Harsha G

- Clinical phenotype of CD135 positive AML and its correlation with FLT3 mutation Ongoing 2021, (Guide- Dr Sumita Chaudhry)
- **Dr Naveen**
- Hypophosphatemia in iron deficiency anaemia patients treated with Ferric Carboxymaltose Ongoing 2021, (Guide- Dr Sumita Chaudhry)

RESEARCH: THESIS (COMPLETED)

- Dr Mohit-TNF alpha and IL-6 levels inpatients of CML and their correlation with early molecular response Completed in 2021, (Guide-Dr Sumita Chaudhry)
- Dr Priyanka-Association between plasminogen activator inhibitor 1 levels and outcome of acute coronary syndromes, Completed in 2021 (Guide-Dr Sumita Chaudhry)

PUBLICATION OF FACULTY /RESIDENTS

- Jain A, Sharma M, Mehta J. A young boy with stridor and bilateral Bell's palsy. Indian J Cancer. 2021 Jan-Mar;58(1):145-146.
- Jain A, Deo P, Sachdeva MUS, Bose P, Lad D, Prakash G, Khadwal A, Varma N, Varma S, Malhotra P. Aberrant expression of cytokines in polycythemia vera correlate with the risk of thrombosis. Blood Cells Mol Dis. 2021 Jul;89:102565.
- Malhotra P, Prasad H, Jain A, Gupta V, Varma N. Variables affecting the presence of occult cerebral microbleeds and subsequent spontaneous intracranial haemorrhage in adult patients with severe thrombocytopenia. Br J Haematol. 2021 May 7.
- Jain A, Sharma M, Khunger JM, Prasad P, Gupta DK, Saluja S, Chaudhry S. Acute lymphoblastic leukemia masquerading as acute myelofibrosis: a report of two cases and literature review. Blood Res. 2021 Mar 31;56(1):46-50.
- Association between plasminogen activator

inhibitor 1 levels and outcome of acute coronary syndromes, Completed in 2021

- Jain A, Khadwal A, Sachdeva MUS, Bose P, Lad D, Bhattacharya S, Prakash G, Malhotra P, Varma N, Varma S. Does Mesenchymal Stromal Cell Count in Pre-autologous Hematopoietic Stem Cell Transplant Peripheral Blood and Apheresis Product Predict for Infectious Complications in the Post-transplant Period? Indian J Hematol Blood Transfus. 2021 Jul;37(3):484-488.

GUEST LECTURES DELIVERED BY THE FACULTY:

- **Dr. J.M. Khunger** delivered guest lecture on topic "Role of Hb Electrophoresis" in National Conference HAEMATOCON, 2021 held online in November, 2021
- **Dr. J.M. Khunger** participated in Hybrid National Conference "Innovations in Oncology, 2021" as a Panelist in Panel Discussion on topic "Navigating Treatment Options for CLL Across the Disease Continuum" on 18th & 19th December, 2021.
- **Dr. Monica** delivered guest lecture on topic "Interpretation chromatograms in HbHPLC" in National Conference Haematocon 2021 held online in 2021

NEW COURSE /SUBJECTS INTRODUCED DURING THE YEAR

Applied for Dr NB (Clinical Haematology)

ANY SIGNIFICATION FACILITY CREATED IN THE CURRENT YEAR (New equipment/services)

Started point-of-care testing of biochemistry parameters using DRY CHEMISTRY ANALYSER

SIGNIFICANT ACHIEVEMENTS DURING THE YEAR

The department of haematology catered a massive load of patients with haematological disorders, both benign and malignant during the last year. We had started point-of-care testing of biochemical parameters in our department. We had several publications in Indexed journals during this period. Two of our contractual faculties joined on the regular post this year. Our faculty participated in national annual conference of haematology as speaker and

panellists. We have applied for DrNB clinical haematology for the upcoming year.



L to R: Dr. Aditi, Dr. JM Khunger, Dr. Sumita Chaudhary,

Department of Medicine

PRELUDE:

The Department of Medicine is one of the largest Departments of Safdarjung Hospital & VMMC. The Department provides comprehensive health care to patients in Indoor and outdoor Departments. Round the clock emergency services are provided in Emergency Ward-A(NEB). Besides posting two physicians from the department of Medicine to VVIP duty every month, the department has to provide doctors for various disasters and Health Mela's & Amarnath Yatra etc. on regular basis. The Department is attached to V.M. Medical College and teaching MBBS and MD students. Department of Medicine is also running the special clinics for Geriatric patients, Rheumatology Clinic, Gastroenterology Clinic (G.E Clinic), Post Covid-19 & ART Centre. The Medicine Department is running two parallel medical OPDs for General patients and CGHS beneficiaries. The daily attendance is around (1000+600 patients). The medicine department is admitting nearly 90-110 patients each day, who are managed by one unit by rotation. During the time of outbreaks (i.e., Dengue,

H1N1, Gastrocolitis etc.) the staff of medicine departments manages patients in specially created wards. During Covid-19 epidemic, the Department of Medicine were managing the Sampling Unit, Fever Clinic, SARI Ward, Covid-19 (SSB ward) & Triage area.

TEACHING: MD students of VMMC, Post Graduate Teaching, Under graduate teaching of students of VMMC, Conducting Examinations of MBBS & MD Students of VMMC, Training of Junior & Senior residents.

Brief Overview of the Department (including services provided & Patient statistics)

Medicine OPD

- Patient seen in the OPD (Jan -Dec 2021): 195690
- In-patient admission (Jan to Dec. 2021): 25603

Various OPD's/Special Clinics OPD Days

Medical OPD	: Monday to Saturday
CGHS OPD	: Monday to Saturday

G.E. Clinic	: Tuesday
Rheumatology OPD	: Monday
Post Covid Clinic	: Wednesday
Sunday OPD/ (Geriatric OPD)	: Sunday

Undergraduate & Post Graduate Achievements & Research

TEACHING

- Post Graduate Teaching & Research
- Under graduate teaching of students of Vardhman Mahavir Medical College.
- Conducting Examinations of MBBS Students of VMMC.
- Conducting Examinations of MD students of VMMC.
- Teaching of Junior & Senior residents.

Programme running in the School/ Centre:

- MBBS : 170 students
- MD (Medicine) : 26 residents

FACULTY

- **Dr. Shivlok Narayan Ambedkar**, Assoc. Prof.
- **Dr. Abhishek Bhadani**, Assistant Professor
- **Dr. Sonal Burman**, Specialist Gr. – III
- **Dr. Ankur Chikara**, Assistant Professor (Adhoc)
- **Dr. Kapoor Ch. Choudhary**, Specialist Gr. – I
- **Dr. Nishant Dev**, Assoc. Prof.
- **Dr. A.K. Gandhi**, SAG Officer
- **Dr. Ashish Goel**, Specialist Gr. – II
- **Dr. Rakesh Kumari Gulia**, C.M.O
- **Dr. D.K. Gupta**, Consultant, Professor
- **Dr. Vinod Gupta**, HAG Officer
- **Dr. Vishnu Kr. Gupta**, C.M.O.
- **Dr. Geeta Kampani**, Consultant & Prof.
- **Dr. Paras Kathuria**, Assistant Prof.
- **Dr. Ashwani Kumar**, C.M.O
- **Dr. Binod Kumar**, C.M.O.
- **Dr. Vinod Kumar**, Prof.
- **Dr. Pushpa Kumari**, Prof.
- **Dr. B. Lall**, Consultant & HOD
- **Dr. Mahesh Lal**, Consultant & Prof.
- **Dr. Rupali Malik**, Prof.
- **Dr. Rajesh Manocha**, Consultant & Prof.
- **Dr. Sanjay Nalding**, Specialist Gr. – I
- **Dr. Moninder Narang**, Consultant & Prof.
- **Dr. Y.C. Porwal**, Consultant & Prof.

- **Dr. Ram Pratap Saini**, Consultant & Prof.
- **Dr. Shivani Sharma**, Assistant Professor
- **Dr. S.P Singh**, HAG Officer
- **Dr. Anish Singhal**, Medical Specialist Grade - II
- **Dr. Manisha BaisThakur**, Consultant & Prof.

NEW ADDITION TO THE FACULTY

- **Dr. Abhishek Bhadani**, Assistant Professor
- **Dr. Ankur Chikara**, Assistant Professor (Adhoc)
- **Dr. Ashwani Kumar**, C.M.O
- **Dr. Shivani Sharma**, Assistant Professor

Faculty members who left the Department

- **Dr. Sanjeev Bhalla**, HAG Officer, Superannuated
- **Dr. Arun Gogna**, Consultant Superannuated (VRS)
- **Dr. Sameer Gulati**, Professor, Transferred
- **Dr. Neelima Jain**, Consultant, Superannuated
- **Dr. N.S. Negi**, Consultant, Superannuated
- **Dr. Charanjit Singh**, Consultant, Superannuated
- **Dr. B.K. Tripathi**, Consultant, Superannuated

SEMINARS/CONFERENCES/WORKSHOP/CMSS HELD IN THE DEPARTMENT:

- CME on "Dengue" on 10.11.21 at old lecture theatre at 02:30 PM

SEMINARS/CONFERENCES/WORKSHOP/CMSS ATTENDED BY THE FACULTY

Dr. Rajesh Manocha

- Attended International Workshop on Diabetic Peripheral Nephropathy on 7th Feb. 2021

Dr. R.P. Saini

- Chairperson: DRA Annual Update 2021: "Rheumatology Beyond Joints" held at LHMC, New Delhi to chair the session.

RESEARCH: THESIS (COMPLETED)

- **Dr. Joban Preet Singh Deol**- Study of fibroblast growth factor-23 levels and its correlation with inflammatory markers in predialysis chronic kidney disease patients (Guide: Dr. P. Rajvanshi, Professor)
- **Dr. Rapaka Lakshmi Keerthi**- Study of Fibrinogen levels and platelet indices in type 2 diabetes mellitus (Guide: Dr. Abha Dua, Professor)
- **Dr. Ankit Singh Khuswah**- Profile of biochemical parameters of disordered mineral bone

metabolism in predialysis chronic kidney disease patients (Guide: Dr. P. Rajvanshi, Professor)

- Dr. Himanshu Dhiman- Study of serum – pleural effusion albumin gradient in differentiating transudative and exudative effusions in comparison to light's criteria (Guide: Dr. Rajesh Manocha, Professor)
- Dr. Pushan Banerjee- Study of sepsis induced coagulopathy in patients with and without shock (Guide: Dr. Charanjit Singh, Professor)
- Dr. Sandeep- Study of hyponatremia in sepsis and its correlation with sofa score (Guide: Dr. Charanjit Singh, Professor)
- Dr. Bodhi Sattya Roy Chaudhari- A Study of risk factors and coronary angiographic profile in young patients with acute coronary syndrome (Guide: Dr. Ram Pratap Saini, Associate Professor)
- Dr. Praveen Kr. Kaushal- The study of blood neutrophil-lymphocyte ration in cirrhosis of liver and its correlation with outcome in comparison ro meld and CTP score (Guide: Dr. M. B. Thakur, Professor)
- Dr. Jugnu Kant- A study of spot urinary Na/K ration in cirrhosis of liver (Guide: Dr. M. Narang, Professor)
- Dr. Ashok Kumawat- Health related quality of life in multiple myeloma patients (Guide: Dr. S.P. Kataria, Associate Professor)
- Dr. MithuBhowmick- Correlation of Novel Inflammatory Biomarkers with Severe Acute Pancreatitis (Guide: Dr. M. Lal, Professor)
- Dr. P. Sanjay Chakravarthy- Evaluation of correlation of cardiac function with duration of tyrosine kinase inhibitors therapy in patients of chronic myeloid leukaemia (Guide: Dr. D. K. Gupta, Professor)
- Dr. Sohini Chakraborty- Serum ferritin level correlation in metabolic syndrome (Guide: Dr. B.K. Tripathi, Professor & HOD)
- Dr. Aditya Srivastava- Study of Association between Serum Homocysteine Levels and Non-Alcoholic Fatty Liver Disease (Guide: Dr. B.K. Tripathi, Professor)
- Dr. Atul Mann - Study of Pulmonary

Hypertension in patients of chronic kidney disease on hemodialysis and not on hemodialysis (Guide: Dr. Geeta Kampani, Professor)

- Dr. Hiren Manohar Kalyani- Study of platelet indices in ischemic stroke and its correlation with severity of stroke (Guide: Dr. M. Narang, Professor)
- Dr. Shubham Tomar- Study of neutrophil to lymphocyte ratio and platelet to lymphocyte ratio as markers for predicting severity in hospitalized community acquired pneumonia patients (Guide: Dr. Smita Mohanty, Professor)
- Dr. Manish Kumar Verma- Study of mean platelet volume and red cell distribution width in non-alcoholic fatty liver disease (Guide: Dr. N.S. Negi, Professor)
- Dr. M. Kishan-To Study Correlation between Visceral Adiposity Index (VAI) and Hyperuricemia in adult males (Guide: Dr. Smita Mohanty, Professor)
- Dr. Priyanka Kumari- Study of Anemia in patients of Type 2 diabetes mellitus and its correlation with microvascular complications (Guide: Dr. Neelima Jain, Professor)
- Dr. Mayank Chawla- Comparison of risk factors and levels of inflammatory biomarkers in lean and obese non-alcoholic fatty liver disease patients (Guide: Dr. Y.C. Porwal, Professor)
- Dr. Patel Pranav Hiteshbhai- Prognostic significance of neutrophil count to mean platelet volume ratio (NMR) in patients of acute coronary syndrome (Guide: Dr. Rajesh Manocha, Professor)
- Dr. Vinoth Kumar- To Study the serum levels of IL22 in response to treatment in rheumatoid arthritis (Guide: Dr. Arun Gogna, Professor)
- Dr. Shreya Jain- Comparison of the quality of sleep before and after treatment in patients with ankylosing spondylitis (Guide: Dr. Arun Gogna, Professor)

RESEARCH: THESIS (ONGOING)

- Dr. Karvppusamy- Evaluation of TNF alpa, Interleukin 6 and Paraoxonase 1 in obese and non-obese metabolic syndrome (Guide: Dr. Y. C. Porwal, Professor)

- Dr. Yogesh Tanwar- Correlation of serum uric acid with severity of chronic obstructive pulmonary disease (Guide: Dr. Charanjit Singh, Professor)
- Dr. Sangameshwara Kalapur- Correlation of visceral adiposity index with visceral fat in obese patients with and without type 2 diabetes mellitus (Guide: Dr. Charanjit Singh, Professor)
- Dr. Gulshan Kumar- Study of correlation of serum calcium level with disease severity in dengue patients (Guide: Dr. R. P. Saini, Assoc. Prof.)
- Dr. Adhip Arora- Nephron index [urinary phosphate: serum FGF23 ratio]- a marker for atherosclerosis in diabetic predialysis CKD patients (Guide: Dr. Rajesh Manocha, Professor)
- Dr. Bhoor Singh- Neutrophil lymphocyte ratio and platelet lymphocyte ratio in COPD and its correlation with clinical outcome (Guide: Dr. Geeta Kampani, Professor)
- Dr. Rashmi Chaudhary- Correlation of FGF 23 and Malnutrition in chronic kidney disease patients on maintenance hemodialysis (Guide: Dr. Rajesh Manocha, Professor)
- Dr. Renu Kumawat- Correlation of IL-6, 25 OH-vitamin d levels and endothelial progenitor cells with carotid intima media thickness in rheumatoid arthritis patients. (Guide: Dr. Sameer Gulati, Assoc. Prof.)
- Dr. Namita Kamra- Correlation of fibroblast growth factor 23 (FGF23) levels with disease severity in seropositive rheumatoid arthritis patients (Guide: Dr. Arun Gogna, Professor)
- Dr. Jagadeesan S- Clinical and etiological profile of Urinary Tract Infection among Diabetics and Non-Diabetics (Guide: Dr. B. K. Tripathi, Professor)
- Dr. Kapil Kr. Bahamania- Study of neutrophil to lymphocyte ratio in ankylosing spondylitis (Guide: Dr. Arun Gogna, Professor)
- Dr. Rashmiranjan Patra- Correlation of D-Dimer level in acute on chronic liver failure with short term mortality and its comparison with CTP and MELD score (Guide: Dr. M. B. Thakur, Professor)
- Dr. Avdhesh Kumar- Study of Clinical, Hematological and Molecular characteristics of patients of thalassemia and Hemoglobinopathies in Tertiary Care Hospital (Guide: Dr. D. K. Gupta, Professor)
- Dr. Faizudheen P- Study of plasma cystatin C as a marker of acute on chronic liver failure and mortality in patients with acutely decompensated liver failure. (Guide: Dr. M. B. Thakur, Professor)
- Dr. Shalini Kumari- Correlation between carotid intima media thickness and non-alcoholic fatty liver disease (Guide: Dr. Y. C. Porwal, Professor)
- Dr. M. Devendra Naik- Correlation of prognostic markers (CEA, CA19.9, neutrophil to lymphocyte ratio (NLR), and platelet to lymphocyte ratio (PLR) with progression free survival (PFS) in advanced or metastatic gall bladder carcinoma (Guide: Dr. S. P. Kataria, Assoc. Prof.)
- Dr. Ramandeep Singh- Correlation of frailty index with IL-6, HS-CRP, TNF-alpha and severity of COPD (Guide: Dr. M. Narang, Professor)
- Dr. Garima Kumar- Correlation of serum NT PRO BNP levels and myocardial index in asymptomatic type 2 diabetics for assessment of myocardial ischaemia (Guide: Dr. Mahesh Lal, Professor)
- Dr. Gaurav Singh- Role of Haemoglobin content of Reticulocytes (RET-He) To evaluate anaemia in patients with malignancies (Guide: Dr. Sumita Choudhary, Assoc. Prof.)
- Dr. Swamy S.M- Study of portal vein diameter and ratio of platelet count to spleen length in diagnosing esophageal varices in patients of cirrhosis of liver (Guide: Dr. B. K. Tripathi, Professor)
- Dr. Meghana S.- Correlation of amount of fibrosis as measured by Fibroscan with BARD score and NAFLD Fibrosis score in patients of Nonalcoholic fatty liver disease (Guide: Dr. B. K. Tripathi, Professor)
- Dr. Tanvi Umashree- 'Correlation of Vitamin D levels with Chronic Obstructive Lung Disease. (Guide: Dr. B. Lall, Assistant Professor)
- Dr. Ishan Garg- Study of platelet indices and inflammatory markers in sepsis (Guide: Dr. M. Narang, Professor)

On Going (2020-2023)

- Dr. Piyush Prabha Singh- Evaluation of Troponin I level in sepsis and Its correlation with sojeesocre and inflammatory marker (hs-CRP& TNF- α) (Guide: Dr. M. Narang, Professor)
- Dr. Sankha Gayen- Corelation of neutrophil lymphocyte ratio with serum procalcitonin as a marker of severity of sepsis (Guide: Dr. B. K. Tripathi, Professor)
- Dr. Anjali- Evaluation of platelet indices in stable chronic obstructive pulmonary disease. (Guide: Dr. M. Narang, Professor)
- Dr. UppulaSupriya- Leukocyte esterase reagent strip test as a tool for rapid bedside diagnosis of spontaneous bacterial peritonitis (Guide: Dr. B. K. Tripathi, Professor)
- Dr. Nikhil- Evaluation of neutrophil to lymphocyte ratio and platelet to lymphocyte ratio as predictors of severity in acute pancreatitis (Guide: Dr. Geeta Kampani, Professor)
- Dr. S. Chirath- Evaluation of red cell distribution and its ratio to total serum calcium as predictor of severity in acute pancreatitis (Guide: Dr. Geeta Kampani, Professor)
- Dr. Prayas Kumar Raghuwanshi- Correlation between fibroblast growth factor and left ventricular mass index in predialysis chronic kidney disease patients (Guide: Dr. Rajesh Manocha, Professor)
- Dr. Aditi Tripathi- Correlation of Serum Adiponectin and Leptin levels with eGFR in predialysis chronic kidney disease patients (Guide: Dr. Rajesh Manocha, Professor)
- Dr. Ajay Jain- Evaluation of Inflammatory Markers and Platelet Indices in Patients of Acute Coronary Syndrome and Compare with Severity of Disease (Guide: Dr. D. K. Gupta, Professor)
- Dr. Prarit Varshney- Prevalence of hyposplenism in Rheumatoid Arthritis and its relationship with disease activity- a cross sectional study (Guide: Dr. Sameer Gulati, Associate Prof)
- Dr. Jagtap Aniket Bapusaheb- Study on vitamin D levels in haematological malignancies and its correlation with severity of disease (Guide: Dr. D. K. Gupta, Professor & HOD)
- Dr. Shilpi Rani- Study of prevalence of dyslipidaemia and anaemia in newly diagnosed treatment naive HIV patients and it's correlation with CD4 cell count (Guide: Dr. D. K. Gupta, Professor & HOD)
- Dr. Anubhav Deswal- Evaluation of serum procalcitonin in stable COPD and acute exacerbation of COPD and its role in differentiating between bacterial and non-bacterial exacerbation (Guide: Dr. Rajesh Manocha, Professor)
- Dr. Vikram Tomar- CEA and CA-125 levels in patients with Unstable Angina, NSTEMI and STEMI and their correlation with CPK-MB (Guide: Dr. Mahesh Lal, Professor)
- Dr. Shikha Kumari- Association of carcinoembryonic antigen levels with acute ischemic stroke and its severity (Guide: Dr. Mahesh Lal, Professor)
- Dr. Sunita- Correlation between serum ferritin level and severity in acute ischemic stroke (Guide: Dr. B. Lall, Assistant Prof.)
- Dr. Gudnutla Priyanka- Association between plasminogen activator inhibitor-1 levels and outcome of acute coronary syndrome (Guide: Dr. Sumita Choudhary, Assoc. Prof.)
- Dr. Manoj Kumar- Association between klotho and cardiac abnormalities among patients with Predialysis chronic kidney disease (Guide: Dr. Vinod Chaitanya, Assoc. Prof)
- Dr. Sapna- Correlation between serum sodium level and severity of chronic liver disease (Guide: Dr. Y. C. Porwal, Professor)
- Dr. Anirban Kumir- Correlation between serum hepcidin level and stage of chronic kidney disease (Guide: Dr. Y. C. Porwal, Professor)
- Dr. Prashant Shankar-To evaluate correlation of serum copeptin with severity of liver cirrhosis (Guide: Dr. M. B. Thakur, Professor)
- Dr. Shubham- Comparative Evaluation of serum copeptin in Obesity with Non-alcoholic fatty liver disease (Guide: Dr. M. B. Thakur, Professor)
- Dr. Madhu Singh- Study of correlation of Lipid levels with disease activity in patients of rheumatoid arthritis (Guide: Dr. R. P. Saini, Assoc. Prof.)

- Dr. Rohil Jain- Lipid levels in patients of ICH bleed and increased severity. (Guide: Dr. R. P. Saini, Assoc. Prof.)
- Dr. Pasumarthy Sai Sri Harsha- Association of Mean platelet volume with HbA1c in Type II Diabetes mellitus. (Guide: Dr. B.K. Tripathi, Professor)
- Dr. Mohit Sahu- TNF- α and IL-6 levels in patients of chronic myeloid leukaemia and their correlation with early modular response. (Guide: Dr. Sumita Choudhary, Assoc. Prof.)

On Going (2021-2024)

- Dr. Chinmaya Singh- Serum creatinine to cystatin C ratio in relation to fibrosis in NAFLD (Supervisor: Dr. M. Narang, Professor)
- Dr. NaziaBano- Serum Procalcitonin levels in acute Exacerbation of chronic obstructive pulmonary disease patients with or without noninvasive ventilation (Supervisor: Dr. M. Narang, Professor)
- Dr. Abhay Patel- Correlation of Hepcidin levels with inflammatory markers in different subtypes of myelodysplastic syndromes (Supervisor: Dr. D. K. Gupta, Professor)
- Dr. Yogesh Kumar- Platelet to lymphocyte ratio in varying degree of severity of acute ischemic stroke. (Supervisor: Dr. M. Narang, Professor)
- Dr. Prince Dhamija- Correlation of vitamin D and procalcitonin levels with severity of sepsis (Supervisor: Dr. M. Lal, Professor)
- Dr. Haresh Kumar Rawat- Metabolic syndrome in lean and non-lean non-alcoholic fatty liver disease (Supervisor: Dr. Y.C. Porwal, Professor)
- Dr. Deepak Kumar Meena- Correlation of Vit D levels with severity of acute ischemic stroke and in hospital outcome (Supervisor: Dr. M. Lal, Professor)
- Dr. Pushpendra Kushwaha- Association of Serum magnesium level with glycemic status and type2 diabetes complications (Supervisor: Dr. Y. C. Porwal, Professor)
- Dr. Nehal Patidar- Correlation of serum copeptin levels with acute ischemic stroke (Supervisor: Dr. Geeta Kampani, Professor)
- Dr. Nikhil Agrawal- Prevalence of moderately increased albuminuria and its correlation with glycemic status in prediabetic adults- A cross sectional study (Supervisor: Dr. Nishanth Dev, Assoc. Prof.)
- Dr. Prakshi Tyagi- Magnesium levels in adults with liver cirrhosis and its association with grade of hepatic encephalopathy (Supervisor: Dr. B. Lall, Assistant Prof. & HOD)
- Dr. Nimish Sandooja- Correlation of NT-proBNP levels with disease activity in patients of rheumatoid arthritis (Supervisor: Dr. R. P. Saini, Professor)
- Dr. Jay Salva- Prevalence of risk factors of cardiovascular disease in art naive HIV patients and their association with Cd4 count (Supervisor: Dr. Rupali Malik, Assoc. Professor)
- Dr. Ramyash Goyal- Study of neutrophil lymphocyte ratio in HIV patients and its correlation with CD4 count (Supervisor: Dr. Pushpa Kumari, Assoc. Professor)
- Dr. Dharan Kumar P- Thyroid profile and deep molecular response in patients of chronic myeloid leukaemia on tyrosine kinase inhibitor (Supervisor: Dr. D. K. Gupta, Professor)
- Dr. Anubhav Shami- Correlation of serum copeptin, c-reactive protein and procalcitonin levels with apache ii score in sepsis (Supervisor: Dr. M. B. Thakur, Professor)
- Dr. Rudra Sen- Correlation of serum copeptin and NTproBNP levels in heart failure (Supervisor: Dr. M. B. Thakur, Professor)
- Dr. Caroline Kharkongor- Correlation of serum magnesium with lactate levels in patients of sepsis and association of hypomagnesemia with severity of sepsis (Supervisor: Dr. Geeta Kampani, Professor)
- Dr. Aditi Suryavanshee- Liver fibrosis in patients of rheumatoid arthritis, on methotrexate therapy, using fibroscan (Supervisor: Dr. M. Lal, Professor)
- Dr. Patel Chirag Tulsibhai- Serum hepcidin level in diabetic chronic kidney disease and its correlation with serum iron profile (Supervisor: Dr. Vinod Chaitanya, Professor)
- Dr. Naveen- Hypophosphatemia in Iron

Deficiency Anemia patients with normal renal function test receiving parenteral ferric carboxymaltose therapy (Supervisor: Dr. S. Chaudhary, Assoc. Prof.)

- Dr. Simone Yadav- Study of serum NT-proBNP levels in community acquired pneumonia and its correlation with the severity (Supervisor: Dr. Y. C. Porwal, Professor)
- Dr. Harsha G- Clinical phenotype of CD135 positive acute myeloid leukemia and its correlation with FLT3 mutation (Supervisor: Dr. S. Chaudhary, Assoc. Prof.)
- Dr. Sourabh Mondal- HbA1C levels before and after parenteral iron therapy in Nondiabetic Iron Deficiency Anemia patients (Supervisor: Dr. D. K. Gupta, Professor)
- Dr. Sweta Anand- Correlation of pulmonary function with disease activity in patients of rheumatoid arthritis (Supervisor: Dr. R. P. Saini, Professor)

• **PUBLICATIONS OF FACULTY/ RESIDENTS**

- Srinivas S, Kumari P, Gupta DK. Utility of Panfungal PCR in the diagnosis of invasive fungal infections in febrile neutropenia. *J Family Med Prim Care*. 2021 Jul;10(7):2533-2540
- Dev N, Meena RC, Gupta DK, Gupta N, Sankar J. Risk factors and frequency of COVID-19 among healthcare workers at a tertiary care centre in India: a case-control study. *Trans R Soc Trop Med Hyg*. 2021 May 8;115(5):551-556.
- Dev N, Sankar J, Gupta N, Meena RC, Singh C, Gupta DK, Sen MK. COVID-19 with and without anosmia or dysgeusia: A case-control study. *J Med Virol*. 2021 Apr;93(4):2499-2504.
- Kumar D, Kampani G. Correlation of serum prolactin levels with severity of liver disease and its association with hepatic encephalopathy in patients of cirrhosis liver. Volume - 10, issue - 02, February – 2021.
- Mann A, Kampani G, Bansal S, Ranga S. Study of Pulmonary arterial hypertension in patients of chronic kidney disease stage 4 & 5. *J of the association of physicians of India* Vol 69, Issue No. 10, October 2021, 33-37.
- Satinder Deswal, RP Saini, Arun Gogna, BC Kabi.

Study of Serum Calprotectin Levels and its Correlation with the Disease Severity in Rheumatoid Arthritis. *JIACM* 2019; 20(3-4): 207-11

- Sahoo B, Malik R, et al. Media Parenting in Rural part of India and its impact on Children- a Cross-sectional Study (A Media-Parent Study). *International Journal of Contemporary Pediatrics*. Vol 8, No 2 (2021).
- Lanjiwar M, Kumari P, Khunger JM, Negi NS. A study of prothrombotic factors in human immunodeficiency virus-infected patients. *Indian J Med Spec* 2021; 12:142-6
- Chakravarthy Sanjay P, Kumari P, Gupta D, Bhowmick M, Naik M, Priyanka G. A study to evaluate cardiac function in patients on Imatinib therapy for CML-accepted for publication in *JOAH*.
- Chand MR, Agarwal N, Nishanth D, Jhuma S. Association of Serum Ferritin Levels with Metabolic Syndrome in India: a Cross-Sectional Study. *Maedica (Bucur)*. 2021 Mar;16(1):48-53.
- Aggarwal A, Raizada N, Chikara A, Gupta AK, Hariharan N. Lipid abnormalities in patients with newly diagnosed hypertension. *Int Journal of Health and Clinical Research*, 2021;4(18), 239-244.

GUEST LECTURES ORGANIZED BY THE DEPARTMENT:

- CME on "Dengue" on 10.11.21 at old lecture theatre at 02:30 PM

EXTERNAL ASSIGNMENTS OF SIGNIFICANCE:

Formation of National AEFI- Team (Covid-19 Vaccination-for expedited causality assessment of serious/severe AEFI Cases in India)

- **Dr. Sameer Gulati**, Professor
- **Dr. Rupali Malik**, Professor
- **Dr. Pushpa Kumari**, Professor
- **Dr. Nishanth Dev**, Assoc. Professor
- **Dr. Shivlok Narayan Ambedkar**, Assoc. Prof.
- **Dr. Paras Kathuria**, Assoc. Professor

ANY SIGNIFICANT FACILITY CREATED IN THE CURRENT YEAR:

- Started Post Covid Clinic on every (Wednesday)
- Management of Covid-19 patients (7A, 7B, 8A & 8B Ward) in SSB Complex.)
- Started Elderly Abuse Protection Centre at NEB.
- Started e-sanjeevani Medicine OPD (On-line)

SOCIAL/PUBLIC SERVICE DONE BY THE DEPARTMENT

- 02 Months Refresher Course for CRPF doctors in Medicine Department.

SIGNIFICANT ACHIEVEMENTS DURING THE YEAR:

- Every month Two Physicians are posted by rotation & posted at Prime Minister Office & residence.
- Doctors are posted to Hon'ble Supreme Court of India & Parliament Annex. every month.
- Doctors are posted at RR Camp- Republic Day Celebrations 2021.
- Doctors were deputed form medical care arrangements for 'Bharat Parv' at Red Fort in January 2021.
- Doctors were deputed to clinical and public

health teams in view of cyclonic disturbance in Bay of Bengal in September 2021.

- Doctors were deputed in Central Multi-Disciplinary Teams deployed to Kerala, Karnataka & Tamil Nadu in February 2021.
- Doctors were deputed in Central Multi-Disciplinary Teams deployed to Gujrat in February 2021.
- Doctors were deputed in Covid response teams and public health teams in Various State of India in April & May 2021.
- Doctors were deputed in Central Multi-Disciplinary Teams deployed to Maharashtra, Punjab and Chhattisgarh in April 2021.

OTHER ACHIEVEMENTS

- ART Clinic Project of NACO under Department of Medicine in Safdarjang Hospital
- Dengue cases were treated in Safdarjang Hospital in July to Nov. 2021.
- Swine Flu Cases were treated in Swine Flu Ward in 2021.
- Covid-19 Cases were treated in (Triage/SARI/SSB Block-7A, 7B, 8A & 8B Ward) in 2021.



Sitting Row (L to R): - Dr. Vinod Chaitanya, Dr. Geeta Kampani, Dr. Manisha Thakur,
 Dr. Vinod Gupta, Dr. B Lall, Dr. Y C Porwal, Dr. R P Saini, Dr. Rajesh Manocha, Dr. M Lal
Standing (L to R) - Dr. Rupali Malik, Dr. Shivani Sharma, Dr. Sonal Burman, Dr. Pushpa Kumari,
 Dr. Nishant Dev, Dr. Ankur Chikara, Dr. Ashish Goel, Dr. Shivlok Narayan Ambedkar, Dr. Sanjay Naiding, Dr.
 Abhishek Bhadani

Department of Medical Oncology

Prelude

Founded in July 2008 to offer specialized medical oncology services, the department runs with an able and dedicated team of 5 member faculty, 3 Senior residents and 8 Junior residents. The outpatient clinic is held three times a week, and a 20-bedded ward and 15 beds in daycare serves the inpatients. The department has a total weekly OPD attendance of approximately 300-350 patients and takes in about 130-140 new cancer patients each month. The services offered include bone marrow aspirations, bone biopsies, pleural taps, ascitic taps, trucut biopsies, day care procedures and daycare chemotherapy.

FACULTY

Dr Monalisa Behara, SMO
Dr Bhoomika Gupta, CMO
Dr Kaushal Kalra CMO
Dr Ashish Kumar, SMO
Dr Mukesh Nagar, CMO
Dr Rajeev Sharma, Specialist and HOD

FACULTY WHO LEFT THE DEPARTMENT

Dr Vikash Talreja



Sitting Row (L to R): - Mr Dinesh, Dr. Bhoomika Gupta, Dr. Kaushal Kalra
Dr. Mukesh Nagar, Dr. Monalisa Behera, Dr. Ashish Kumar

Department of Nephrology

PRELUDE

Services Provided – Nephrology OPD, IPD, Hemodialysis, Hemodiafiltration (HDF), Peritoneal dialysis, Renal Transplant (Live related and cadaveric), Renal Laboratory, Plasmapheresis, Tunelled and non-tunelled dialysis catheter insertion, CAPD catheter insertion, Renal Biopsy, Renal Transplant OPD with free immunosuppressive medicines.

Statistics (2021)

- Nephrology OPD – 12,267
- Renal Transplant OPD - 474
- IPD – 1118
- Total Dialysis (non-covid) – 3,046
- COVID dialysis – 103
- Kidney Biopsy – 57
- Tunelled catheter insertion – 04
- Renal Transplants - 03

FACULTY

- **Dr. Himanshu**, Professor and Head
- **Dr Rajesh Kumar**, Associate Professor
-

NEW ADDITION TO THE FACULTY

- **Dr. Sahil Arora**, Assistant Professor (contract)
- **Dr. Renju Binoy**, Assistant Professor (contract)
- **Dr. Pallavi Prasad**, Assistant Professor
- **Dr. Sourabh Sharma**, Assistant Professor

PROMOTIONS

- **Dr. Himanshu**, Promoted to Professor

ASSIGNMENT IN ACADEMIC ASSOCIATIONS:

- **Dr Himanshu**, Executive Member of Delhi Nephrology Society 16 December 2021 to till date

DISTINCTIONS ACHIEVED BY THE MEMBERS OF THE FACULTY AWARDS

- **Dr Himanshu**, Awarded for outstanding and exemplary nephrology & dialysis services by Medical Superintendent, SJH. 15 August 2021

OTHER DISTINCTIONS

Dr. Himanshu

- Appreciation from Director General Health Services (DGHS) for contribution in development of National POST-COVID Nephrology sequelae

module.

- Successfully completed Basic Course in Biomedical Research, Sept-Dec 2021, with a score of 91%.
- Stood at 2nd place in Dance competition organized by Cultural Club, SJH.
- **SEMINARS / CONFERENCES / WORKSHOPS /CMEs HELD IN THE DEPARTMENT.**
- Patient and Staff Awareness program for Prevention of Kidney Disease on the occasion of World Kidney Day. 11 March 2021

SEMINARS / CONFERENCES / WORKSHOPS /CMEs ATTENDED BY THE FACULTY

Dr Himanshu

- CiDAAP 2021: 4th Annual Conference of Interventional Nephrology as Faculty, held at Gurugram, Haryana, 24-25 September, 2021
- National Board Meeting for Finerenone on virtual platform as a panelist, 4th October, 2021
- Mid-Year E-DIATRANS Conference 2021 on virtual platform as Faculty & Speaker, 1st October 2021
- Annual conference of GRASP 2021 as Chairperson, at Aerocity, New Delhi, 4th Dec 2021
- Bi-Annual Conference - An update in Peritoneal Dialysis 2021 as Faculty, at Delhi, held on 4-5 December 2021

Dr. Rajesh Kumar

- Avatar Foundation for Cath Lab Workshop webinar, 19 Sep 2021
- ISN Webinar: MRAs in CKD: lessons from a scientist, an investigator, and a trialist 07.09.2021
- ISN - SRC PD Masterclass webinar 09-10 Oct 2021
- CIDAAP 2021 (Online) 24th September 2021
- ASN/ERA/ISN Kidney Ethics Webinar Series - Inequalities in uptake of Kidney Care: An Ethical Challenge 24-25 September 2021
- Grand Rounds in Pediatric Nephrology — an ISN-IPNA Sister Centers initiative: Pediatric Renal Genetics webinar 29.09.2021
- SRNMCON 2021 Conference (webinar) 01.10.2021
- ISN Webinar: MRAs in CKD: Amplification of the

presentation of the main results of the FIGARO trial 2nd to 3rd October 2021

- ISOT 2021, Kochi India (Virtual) 05.10.2021
- ISN-KDIGO Webinar: Glomerular Diseases Guideline - Part 2, 7-10 Oct 2021
- Nephrocon (Webinar) organised by Mumbai Kidney foundation 08.10.2021
- ISN-ISE Webinar: Bone Disease in CKD Part 2, November 3, 2021
- ISN-WIN India Webinar: Women and Nephrology in the Developing World 12 Nov 2021
- Grand Rounds in Pediatric Nephrology (ISN webinar) — an ISN-IPNA Sister Centers initiative: Infantile nephropathic cystinosis 01.12.2021
- Incremental PD - Personalized PD: ISN-ISPD Webinar December 3, 2021
- GRASP-21 on "SGLT-2 inhibitors to prevent CKD - Is the stage set even for non-diabetics" as Chairperson. 04.12.2021
- ISN-Cochrane Webinar: Pharmacological interventions for heart failure in people with chronic kidney disease 06. Dec 2021
- ISN Frontiers Webinar: New insights into clinical management of C3G 09 Dec 2021
- ISN-KDIGO Webinar: BP Guidelines in CKD 10 Dec 2021
- 51st Annual Conference of Indian Society of Nephrology (ISNCON 2021) from 9th to 12th Dec 2021, Chennai, as faculty for chairing/judging the Poster presentation (online) 9th December 2021
- ISN-TTS Webinar: Global access to transplantation 14 Dec 2021
- ISN-ISE Webinar: practical aspects of the treatment of diabetic kidney disease. 15 Dec 2021

RESEARCH: THESIS (ONGOING)

- Radhe Shyam, MSc Nursing Student. A study to identify the factors that affect adherence to haemodialysis and evaluate the effectiveness of structured teaching program on "Self-care of haemodialysis patients" in terms of knowledge & practice among haemodialysis patients in selected hospital, New Delhi. 2021-2022 (Guide- Dr Himanshu)

PUBLICATIONS OF FACULTY/RESIDENTS

- Bhattacharyya S, Jain N, Verma H, Sharma K. A cross-sectional study to assess NLR as a predictor of microvascular complications in Type 2 Diabetes mellitus patients. Journal of clinical and diagnostic research. 2021 Aug, Volume 15 (8): 59-62.
- Verma H, Chakrabarti U, Verma R. Statins after Renal Transplant. Textbook of Cardiology - Advances in Statin Therapy & Beyond in CVD (ASTC). 2021, First edition, Chapter 104, pg 565-568.

NEW COURSES / SUBJECTS INTRODUCED DURING THE YEAR –

- Training of CRPF doctors in nephrology and dialysis.

ANY SIGNIFICANT FACILITY CREATED IN THE CURRENT YEAR

- Bed side hemodialysis facility at NEB – ICU, CTVS – ICU, SSB – ICU, Respiratory ICU.
- Bed side hemodialysis facility for Covid 19 patients in COVID Block, SSB.
- Extension of hemodialysis timings from (9 am to 4 pm) to (9 am to 8 pm)
- Starting of Renal laboratory for emergency investigations of dialysis and renal transplant patients in Nephrology Dept.

NAMES OF THE STUDENTS/RESIDENTS WHO HAVE ATTAINED DISTINCTIONS IN VARIOUS UNIVERSITY EXAMINATIONS/NATIONAL OR INTERNATIONAL CONFERENCES

- Dr Uttayan Chakrabarty (SR) got selected in DM course at AIIMS, Jodhpur.
- Dr Vanisha Pundir (SR) got selected in DM course at AIIMS, Rishikesh.

SIGNIFICANT ACHIEVEMENTS DURING THE YEAR

The year 2021 is the year of Covid 19 Pandemic and it saw the deadly 2nd wave of covid 19. The Superspeciality block at SJH was converted into Covid Block and all superspeciality services were curtailed, but Dept of Nephrology was the only superspeciality dept that continued to provide full-fledged OPD, IPD, dialysis and renal transplant services in non-covid area at Old H Block extension along with nephrology and dialysis services at Covid Block, SSB. SJH was one of the few hospitals at NCR that started covid dialysis facility. Throughout the pandemic, the dialysis services at SJH (covid and non-covid) were not stopped even for a single day, when most of the dialysis centers across the NCR were shut down on account of covid pandemic. Academic activities went on smoothly despite increased clinical work due to pandemic and SRs got selected in DM courses. The efforts of the Dept were acknowledged both at Hospital



(L to R): Dr Anupam Agarwal, Dr Himanshu, Dr Saurabh Sharma

Department of Neurology

PRELUDE:

OPD	29439
IPD	254
ICU	11
Electrophysiology	1704

FACULTY

- **Dr. Shishir Kumar Chandan**, CMO (SAG) & Associate Professor
- **Dr. Neera Chaudhry**, Director Prof. & Head of Department
- **Dr. Divyani Garg**, Assistant Professor
- **Dr. Sanghamitra Laskar**, Associate Professor

New Addition to the Faculty

- **Dr. Divyani Garg**, Assistant Professor

APPOINTMENT OF FACULTY TO HIGHER POSTS / ASSIGNMENT OUT SIDE

PROMOTIONS

- **Dr. Shishir Kumar Chandan**, CMO (SAG) & Associate Professor

DISTINCTIONS ACHIEVED BY THE MEMBERS OF

THE FACULTY

AWARDS

- **Dr. Divyani Garg**- AV Srinivasan-Deepak Arjundas Best Paper Award (Neurogenetics) 2021

OTHER DISTINCTIONS

- **Dr Divyani Garg**-3th Asian & Oceanian Epilepsy Congress (AOEC) 2021 Travel Bursary Indian Academy of Neurology.

SEMINARS / CONFERENCES /

WORKSHOPS/CMEs ATTENDED BY THE FACULTY

- **Dr. Divyani Garg** - Indian Academy of Neurology Conference 2020-2021: Delegation Indian Epilepsy Society Video EEG Course: Participant November 2021

RESEARCH: THESIS (ONGOING)

- **Dr. Apama Kaithait**- Occurrence of impaired glucose tolerance and unrecognized diabetes mellitus in patients with acute ischaemic stroke

with no previous diagnosis of diabetes mellitus (Guide: Dr. Neera Chaudhry)

- Dr. Siddhartha Dhar- Single Photon Emission computed tomography imaging changes and its correlation with cognitive dysfunction in patients with juvenile myoclonic epilepsy-A case control study (Guide: Dr. Neera Chaudhry)

RESEARCH: THESIS (COMPLETED)

- Dr. Ananya Sengupta- Role of Plasma N Terminal Pro-BNP(NT-PRO BNP) as a biomarker of Cardioembolic Stroke Among Patients of acute ischaemic Stroke (Guides: Dr. Neera Chaudhry, Dr. H.S. Isser)
- Dr. Cankatika Choudhary- Assessment of quality of life and psychiatric and comorbidities in patients of juvenile myoclonic epilepsy (Guides: Dr. Sanghamitra Laskar, Dr. Manu Shree)
- Dr. Khushboo Gyanchandani- Comparative evaluation of clinical, electrophysiological and ultrasonographic parameters in diagnosing and assessing severity of carpal tunnel syndrome (Guides: Dr. Neera Chaudhry, Dr. Rohini Gupta)

PUBLICATIONS OF FACULTY/RESIDENTS

- Gyanchandani K, Chaudhry N, Choudhury C, Sengupta A. Systemic Lupus Erythematosus Presenting as Acute Sensory Axonal Neuropathy (ASAN). *Ann Indian Acad Neurol.* 2021 Mar-Apr;24(2):292-293
- Vasudeva P, Kumar A, Yadav S, Kumar N, Chaudhry N, Prasad V, Nagendra Rao S, Yadav P, Patel S. Neurological safety and efficacy of darifenacin and mirabegron for the treatment of overactive bladder in patients with history of cerebrovascular accident: A prospective study. *NeuroUrology Urodyn.* 2021.
- Singh Y, Laskar S, Mittal M, Shirazi N, Gupta S. Polymyositis presenting with Respiratory Symptoms. 2021 Oct_Nov;69(5):1391-1393.
- Laskar S, Kaul B, Wadhawa A, Chandan SK, Chatterjee A. An Unusual cause of Polyradiculopathy. Volume – 10 Issue 07| July-2021| Print ISSN No. 2277-8179
- Garg D. Amidst the Embers. *Ann Indian Acad Neurol.* 2021 Nov-Dec;24(6):930.
- Garg D, Tripathi M. Borderlands of Migraine and Epilepsy. *Neurol India.* 2021 Mar-Apr; 69 (Supplement):S91-S97.
- Garg D. Virtual Graduates: Convocation 2021. *Ann Indian Acad Neurol.* 2021 Mar-Apr; 24(2):256.
- Choudhary A, Garg D, Mukherjee SB, Anand R, Yadav P, Nangia A, Sharma S. Tuberous Sclerosis with Multiple Unusual Associations. *Ann Indian Acad Neurol.* 2021 Mar-Apr;24(2):307-309.
- Mishra B, Saini M, Doherty CM, Pitceathly RDS, Rajan R, Siddiqi OK, Ramdharry G, Asranna A, Tomaselli PJ, Kermode AG, Bajwa JA, Garg D, Vishnu VY. Use of Twitter in Neurology: Boon or Bane? *J Med Internet Res.* 2021 May 14;23(5):e25229.
- Garg D. Semiology in Psychogenic Nonepileptic Seizures: Some Additional Facets. *J Acad Consult Liaison Psychiatry.* 2021 Mar-Apr;62(2):262-263.
- Phakey N, Godara K, Garg D, Sharma S. Psychogenic Nonepileptic Seizures and Psychosocial Management: A Narrative Review. *Ann Indian Acad Neurol.* 2021 Mar-Apr;24(2):146-154.
- Garg D, Manesh A. Neurological Facets of Scrub Typhus: A Comprehensive Narrative Review. *Ann Indian Acad Neurol.* 2021 Nov-Dec;24(6):849-864.
- Garg D, Kallur SN, Kumar B, Dhamija RK. Haptoglobin gene polymorphism and ischemic stroke: A case control study. *Ann Indian Acad Neurol.* 2021 May-Jun;24(3):447-448.
- Garg D, Srivastava AK. Psychiatric burden in psychogenic nonepileptic seizures: The tip of the iceberg? *Epilepsy Behav.* 2021 Jul;120:107977.
- Kapoor D, Garg D, Sharma S. Emerging Role of the Ketogenic Dietary Therapies beyond Epilepsy in Child Neurology. *Ann Indian Acad Neurol.* 2021 Jul-Aug;24(4):470-480.
- Kapoor D, Sharma S, Garg D, Samaddar S, Panda I, Patra B, Mukherjee SB, Pemde HK. Intravenous Methylprednisolone Versus Oral Prednisolone for West Syndrome: A Randomized Open-Label Trial. *Indian J Pediatr.* 2021 Aug;88(8):778-784.

- Garg D, Majumdar R, Chauhan S, Preenja R, Parihar J, Saluja A, Dhamija RK. Teleneurorehabilitation Among Person with Parkinson's Disease in India: The Initial Experience and Barriers to Implementation. Ann Indian Acad Neurol. 2021 Jul-Aug;24(4):536-541.
- Saluja A, Parihar J, Garg D, Dhamija RK. The Impact of COVID-19 Pandemic on Disease Severity and Quality of Life in Parkinson's Disease. Ann Indian Acad Neurol. 2021 Mar-Apr;24(2):217-226.
- Phakey N, Sharma S, Garg D, Mukherjee SB, Sapra S, Wadhawan AN, Shukla G. Development and Evaluation of a Working Memory Intervention Kit in Children with Epilepsy in Low-Resource Settings. Indian J Pediatr. 2021 Jun;88(6):589-592.
- Kapoor D, Sidharth, Garg D, Malhotra RK, Kumar V, Sharma S. Utility of the END-IT Score to Predict the outcome of Childhood Status Epilepticus: A Retrospective Cohort Study. Ann Indian Acad Neurol. 2021 May-Jun;24(3):390-395.
- Garg D, Gupta A, Dhamija RK. Old Bottle, New Wine: Diplopia Sans Proptosis as the Sole Presentation of Thyroid Orbitopathy. Cureus. 2021 Jun 23; 13(6): e15850.
- Sharma S, Goel S, Kapoor D, Garg D, Panda I,

Elwadhi A, Patra B, Mukherjee SB, Pemde H. Evaluation of the Modified Atkins Diet for the Treatment of Epileptic Spasms Refractory to Hormonal Therapy: A Randomized Controlled Trial. J Child Neurol. 2021 Jul;36(8):686-691.

NAMES OF THE STUDENTS/RESIDENTS WHO HAVE ATTAINED DISTINCTIONS IN VARIOUS UNIVERSITY EXAMINATIONS/NATIONAL OR INTERNATIONAL CONFERENCES:

- **Dr. Cankatika Choudhary** (Gold Medalist in DM Neurology, GGSIPU)

SIGNIFICANT ACHIEVEMENTS DURING THE YEAR

The Department of Neurology actively pursued clinical and academic activities despite the disruption due to the COVID-19 pandemic. The department continued to serve patients in the OPD and the IPD in the midst of a raging pandemic. The first batch of DM students completed their training and successfully cleared the final exam. The Gold Medal for Neurology was awarded to a student of the department by GGSIPU. The faculties of the department published several important articles in reputed journals. They also participated in national and international conferences.



**Front Row: (L to R) Dr. Shishir Kumar Chandan, Dr. Neera Chaudhry (HOD),
Dr. Atri Chatterjee**
2nd Row: (L to R) Dr. Divyani Garg, Dr. Kamakshi Dhamija

Department of Pediatrics

PRELUDE:

The Department of Pediatrics is one of the busiest departments of the Institute. With an inpatient bed strength of 312 and OPDs on all days, the department consists of 6 units with a separate triage area, dedicated Pediatric ICU, and NICU. It provides all major subspecialty services. The major services offered are-

Service/facility-

1. Neonatal services:
 - a. NICU
 - b. Neonatal ventilation
 - c. Exchange transfusion
 - d. Phototherapy
 - e. Parenteral nutrition
2. Paediatric Intensive care
3. Thalassemia day-care center
4. Child abuse protection centre
5. Child development centre
6. Child counseling services
7. Delivery room services
8. Investigative facilities
9. Point of care lab with all critical investigations available bed side

Superspeciality services-

1. Paed. Cardiology
2. Paed. Nephrology
3. Paed. Endocrine
4. Paed. Hematology
5. Paed. Gastro (Diarrhea)
6. Paed. Neurology
7. Neonatology
8. High Risk Newborn
9. Well baby clinic
10. Immunisation
11. Paed. Asthma and Chest Clinic
12. Thalassemia
13. After completion of treatment (ACT)

Average daily workload-Year 2021

1. Number of patients in OPD- 41263
2. Number of patients admitted (IPD)- 13170
3. Number of Major operations -1246
4. Number of normal deliveries- 11584
5. Number of operative deliveries- 5394
6. Number of Caesarian sections- 5394

FACULTY

- **Dr. Amitabh**, Associate Professor
- **Dr. Bhavna Anand**, Assistant Professor
- **Dr. Sugandha Arya**, Professor
- **Dr. Harish Chellani**, Professor
- **Dr. Nidhi Chopra**, Assistant Professor
- **Dr. P K Debata**, Professor
- **Dr. Rani Gera**, Professor
- **Dr. Ratan Gupta**, Professor
- **Dr. Archana Kashyap**, Assistant Professor
- **Dr. Ajay Kumar**, Professor
- **Dr. Satnam Kaur**, Associate Professor
- **Dr. Kanika Kapoor**, Associate Professor
- **Dr. Shobha Sharma**, Professor
- **Dr. K R Meena**, Professor
- **Dr. Satish Meena**, Professor
- **Dr. S S Mina**, Associate Professor
- **Dr. Isha Saini**, Associate Professor
- **Dr. Rachna Sehgal**, Professor
- **Dr. Anita Yadav**, Associate Professor

FACULTY MEMBERS WHO LEFT THE DEPARTMENT

- **Dr. Meenakshi Bhatt**, Associate Professor

SEMINARS / CONFERENCES / WORKSHOPS/ CMEs ATTENDED BY THE FACULTY

Dr. Rani Gera

- Revised Basic Workshop (rBCW) in VMMC, 30.3.21 to 01.04.21
- Workshop on online training for Doctors for Management of Covid in children (DGHS) on 30.07.21.
- NEET PG Post Exam Review Workshop (NBEMS) on 11.09.21.
- Item Writing Workshop (NBEMS) on 29.09.21
- MCQ validation Workshop (NBEMS) on 01.12.21-19.09.21
- Pre-PCNI Pediatric Cardiology CME, Manipal Hospital Workshop 19.09.21-10.11.21
- CME on Dengue on 31st Aug.2021, Virtual

Dr. Kanika Kapoor

- Pre-Primer Pathology workshop hosted by NUH Singapore, 1-3rd Sept.2021, Virtual
- Three-day teaching course "Stump the Fellow" hosted by NUH, Singapore, 4th Sept.2021, Virtual

- Dialysis workshop, 5th IPNA-AsPNA Jr. Master class by NUH Singapore,
- Peritoneal dialysis in Pediatric AKI: PD KIDS, 25-26th Sept.2021, Virtual
- Symposium on "Voiding Dysfunction in Children" as part of World Kidney Day Celebration on in Deptt.of Pediatrics, SJH & VMMC., 12-15th March 2021

Dr. Isha Saini

- Revised Basic Course Workshop (rBCW) in VMMC & SJH, New Delhi, 21st Nov.2021

Dr. Anita Yadav

- Revised Basic Course Workshop (rBCW) in VMMC & SJH, New Delhi.
- National Conference, Pedicon organized by IAP, Noida.on. 3- 4th Nov.2021
- Basic Life Support organised by IAP, Shroff Eye Centre.
- Neonatal Resuscitation National Training of Trainers organized by NNF, Delhi.

RESEARCH: THESIS (COMPLETED)

- **Dr. Akshat Jhingan**- Title of thesis-"Mean Time to Platelet Recovery In Children 1-12 Years Of Age With Newly Diagnosed ITP Receiving 1 Week Of Oral Prednisone Therapy" (Guide- Dr. Rani Gera, Consultant & Professor).
- **Dr. Ankur Singh**-Title of thesis-"Effect Of Intrauterine Growth Retardation On Hearing Among Term Babies Admitted In Neonatal Intensive Care Unit (NICU)" (Guide- Dr. H. Chellani, Consultant & Professor).
- **Dr. Deepanjali Singh**-Title of thesis-"Diagnostic Accuracy of Biomarkers in Neonates with Early Onset Neonatal Sepsis: A Prospective Cohort Study" (Guide- Dr.P.K.Debata, Professor).
- **Dr. Deepak** -Title of thesis-"Functional Status Of Children From 1 Month To 12 Years With Non-Neurological Illness At Discharge From Pediatric Intensive Care Unit" (Guide- Dr.S Kr Meena, Professor)
- **Dr. Dvijraj Kalita**-Title of thesis-"Functional Status Of Children From 1 Month To 12 Years With Non-Neurological Illness At Discharge From Pediatric Intensive Care Unit" (Guide- Dr. Ajay Kumar, Professor)

- Dr. Gunjan Gupta-Title of thesis-" Risk factors and outcome of Ventilator Associated Pneumonia in children admitted in Paediatric Intensive Care Unit," (Guide- Dr. Shobha Sharma, Professor)
- Dr. Innaki Naomi Lyngdon-Title of thesis-" Incidence And Outcome Of Acute Kidney Injury In Hospitalized, Non-Critically Ill Children(1 Month-12 Years) At A Tertiary Care Centre"(Guide- Dr. K.R. Meena, Professor).
- Dr. Jitendra-Title of thesis-"Clinico-epidemiological Profile Of Children Below 12 Years Of Age With Diabetic Ketoacidosis In A Tertiary Care Centre" , (Guide-Dr.Satnam Kaur, Professor).
- Dr. Kavya Goyal-Title of thesis-" N Terminal Pro B Type Natriuretic Peptide As A Marker Of Severity Of Bronchiolitis In Children (3 Months To 2 Years), (Guide- Dr. Sugandha Arya, Professor).
- Dr. Mansi Madan-Title of thesis-"Effect Of Breast Milk Feeding On Retinopathy Of Prematurity In Neonates With Birth Weight Less Than 1800 Grams", (Guide- Dr. Rachna Sehgal, Professor).
- Dr. Neha Yadav-Title of thesis-"Outcome Of Children 9 Months To 12 Years Of Age With Tubercular Meningitis", (Guide- Dr. Ratan Gupta, Professor).
- Dr. P. Dharani- Title of thesis-"Etiological And Clinical Profile Of Children With Severe Acute Respiratory Illness", (Guide- Dr. Rani Gera, Consultant & Professor)
- Dr. Pavan C Patil-Title of thesis-"Prevalence Of Vitamin D Deficiency In Critically Ill Children And Its Association With Duration Of Invasive Ventilation.", (Guide- Dr. H. Chellani, Consultant & Professor).
- Dr. Preethi. R-Title of thesis-"Prevalence Of Vitamin D Deficiency In Critically Ill Children And Its Association With Duration Of Invasive Ventilation.", (Guide- Dr. H. Chellani, Consultant & Professor).
- Dr. Priya Tanwar-Title of thesis-"Inflammatory Markers As Predictors Of Mortality In Children Admitted To Pediatric Intensive Care Unit Of A Tertiary Care Hospital", (Guide-Dr.P.K.Debata, Professor).
- Dr. Praveen Meena-Title of thesis-"Comparison Of Two Guidelines For The Use Of Antibiotics In Suspected Early Onset Sepsis In >34 Weeks Gestational Age Of Neonates", (Guide- Dr. Ajay Kumar, Professor)
- Dr. Raghuvir Saini-Title of thesis-"Clinical Profile And Outcome Of Young Infants (< 2months) Admitted With Hypernatremic Dehydration", (Guide-Dr.Nidhi Chopra, Asstt.Professor)
- Dr. Sailaja Gupta-Title of thesis-"Correlation Of Blood Cell Indices With Etiology Of Bicytopenia And Pancytopenia In Hospitalized Children (3months - 12 Years)", (Guide-Dr. Ratan Gupta, Professor).
- Dr. Sakshi Pangti-Title of thesis-" Correlation Of Blood Cell Indices With Etiology Of Bicytopenia And Pancytopenia In Hospitalized Children (3months - 12 Years)", (Guide-Dr.Shobha Sharma).
- Dr. Sheetal Ahuja-Title of thesis-"Correlation Of Blood Cell Indices With Etiology Of Bicytopenia And Pancytopenia In Hospitalized Children (3months - 12 Years)", (Guide-Dr.Shobha Sharma).
- Dr. Shubham Gupta-Title of thesis-"The Diagnostic Accuracy Of Cd64 And Interleukin 6 In Diagnosis And Clinical Outcome Of Children Aged 1 Month To 12 Years Presenting With Septic Shock", (Guide-Dr.K.R.Meena, Professor)
- Dr. Shubham Agarwal-Title of thesis-"Incidence And Risk Factors Of Acute Kidney Injury In Children With Idiopathic Nephrotic Syndrome Aged 1-12 Years Admitted At Tertiary Care Centre", (Guide-Dr. Sugandha Arya, Professor).
- Dr. Suruchi-Title of thesis-"Prevalence Of Thyroid Disorder In Children Between 1 To 12 Years Of Age With Type 1 Diabetes Mellitus", Guide- Dr. Rani Gera, Consultant & Professor).
- Dr. Trisha Singh -Title of thesis-" Effects Of Antenatal Steroids On Hearing Impairment In Neonates Born To Mother With Gestation 24 To 34 Weeks, (Guide- Dr. Rachna Sehgal, Professor).
- Dr. Vikas Kashyap-Title of thesis-"Correlating Paediatric Early Warning Score (Pews) Brighton

System With Clinical Deterioration And Final Outcome In Children (1 Month-12 Years) Presenting To Emergency Department Of A Tertiary Care Centre"(Guide- Dr. H Chellani, Consultant & Professor).

- Dr. Vinay Kr-Title of thesis- "Diagnostic Accuracy of Video Consultation Compared To Face To Face Consultation In Children Aged 1-12 Years With Tonic Clonic Status Epilepticus After 7 Days Of Discharge" -Title of thesis- "Effect of Kangaroo Mother Care on Sleep State and Physiological Parameters In Neonates Weighing Below 1800 Grams", Title of thesis "Diagnostic Accuracy of Biomarkers in Neonates with Late Onset Neonatal Sepsis: A Prospective Cohort Study" Title of thesis "Prospectively Validating The 'Child Tb Lp Clinical Decision Tool' In the Diagnosis of Tubercular Meningitis in Hospitalized Children"Title of thesis "Incidence, Risk Factors and Outcome to Tumor Lysis Syndrome In Hospitalized Children(1-12year) With Malignancy" (Guide Dr. P.K. Debata, Professor, Dr. Ajay Kr., Professor, Dr. Shobha Sharma, Professor).

FUNDED SPECIAL GRANTS/PROJECTS DURING THE YEAR ONGOING

- **Title of the project**-The follow-up study to evaluate the impact of continuous KMC initiated immediately after birth compared to KMC initiated after stabilization in newborns with birth weight 1.0 to <1.8 kg on their neurodevelopmental outcomes in low-resource settings, funded by WHO, BMGF for 3 years (2019-2022) grant of Rs. 21,30,658/- **PI**-Dr. Harish Chellani, Dr. Rani Gera. **Co-PI**-Dr. Pradeep Debata, Dr. Sugandha Arya, Dr Rachna Sehgal, Dr Nidhi Chopra, Dr Pratima Anand, Dr Isha Saini
- **Title of the project**-Clinical evaluation of the efficacy off "Ayush SS Granules" in exclusively breast-feeding mothers with Insufficient Lactation (Stanyaalpata)- A Randomized Double blind placebo control trial", **Co-PI**- Dr Bhavna Anand, funded for a period of 24 months by ICMR for Rs. 52,39,460/-.
- **Title of the project**-Delhi Newborn Birth Defect

- Registry (This registry is running 9 hospitals in Delhi), **PI**-Dr Harish Chellani, Dr Rani Gera-Nodal Officer, Dr Shobhna Gupta, funded by WHO, SEARO for a period of 9 months (June 2020 – Feb 2021), 6262760/- (cumulative fund for 9 hospital of Delhi).
- **Title of the project**-Zinc as an adjunct for the treatment of clinical severe infection in infants younger than 2 months -A Multicentre Study, Site- **PI**-Dr Rani Gera, Dr Harish Chellani, Dr Meenakshi Bhatt, Dr Sugandha Arya, Dr Ajay Kumar, Dr K R Meena, funded by Global Health and Vaccination Research (GLOBVAC), Research Council of Norway CISMACH (Centre for Intervention Sciences in Maternal & Child Health), Norway, funded for a duration of 2017-2021 for a sum of 17,881,360/- INR.
- **Title of the project**- A pilot study to determine causes of death in under-five children in a tertiary hospital in India using the MITS technique, **PI**, Dr Rani Gera, Dr Harish Chellani, Dr Rani Gera. **Co-PI**-Dr K C Aggarwal, Dr Pradeep Debata, Dr K R Meena funded for a duration of (2019-2021) for a sum of 71,88,251/- by ICMR.

PUBLICATIONS OF FACULTY/ RESIDENTS

- Rao SPN, Minckas N, Medvedev MM, Gathara D, Y N P, SeifuEstifanos A, et al. Small and sick newborn care during the COVID-19 pandemic: global survey and thematic analysis of healthcare providers' voices and experiences. *BMJ Glob Health*. 2021 Mar;6(3):e004347.
- Gupta Dch S, Chopra Md N, Singh Md A, Gera R, Chellani Md H, Pandey PhD R, Arora Md BS. Unusual Clinical Manifestations and Outcome of Multisystem Inflammatory Syndrome in Children (MIS-C) in a Tertiary Care Hospital of North India. *J Trop Pediatr*. 2021 Jan 29;67(1):fmaa127.
- Singh A, Saini I, Meena SK, Gera R. Demographic and Clinical Profile of Mortality Cases of COVID-19 in Children in New Delhi. *Indian J Pediatr*. 2021 Jun;88(6):610.
- Sankar J, Das RR, Ratageri VH, Choudhary B, Bhat JI, Mishra B; et al. Clinical Profile and Risk Factors for Severe Disease in 402 Children

Hospitalized with SARS-CoV-2 from India: Collaborative Indian Pediatric COVID Study Group. *J Trop Pediatr*. 2021 Jul 2;67(3):fmab048.

- Malviya D, Sharma S, Rani A, Kapoor K, Srivastava N, Gera R. Clinical and Biochemical Parameters Changes after Using 0.9% Normal Saline as Maintenance Intravenous Fluid in Non-Critically Ill Children: An Experience from a Tertiary Care Hospital. *J Ped Nephrol* 2021;9(2):1-9.
- MinckasN, Medvedev MM, AdejuyigbeEA, Brotherton H, ChellaniH, EstifanosAS et al. Preterm care during the COVID-19 pandemic: A comparative risk analysis of neonatal deaths averted by kangaroo mother care versus mortality due to SARS-CoV-2 infection. *E Clinical Medicine* 33 (2021) 100733
- Das MK, Arora NK, Chellani HK, Debata PK, Meena KR, Rasaily R, Kaur G, et al. Perceptions of the parents of deceased children and of healthcare providers about end-of-life communication and breaking bad news at a tertiary care public hospital in India: A qualitative exploratory study. *PLoS One*. 2021 Mar 18;16(3):e0248661.
- Das MJ, Arora NK, Gaikwad H, Chellani H, Debata P, Rasaily R et al. Grief reaction and psychosocial impacts of child death and stillbirth on bereaved North Indian parents: A qualitative study. *Plos One* 2021;16(1):e0240270.
- Yadav A, Siddiqui N, Debata PK. Two hourly versus three hourly feeding in very low birth weight neonates: A randomized controlled Trial. *Indian Pediatr* 2021;58(4):320-324.
- Das MK, Arora NK, Debata P, Chellani H, Rasaily R, Gaikwad H, et al. Why parents agree or disagree for minimally invasive tissue sampling (MITS) to identify causes of death in under-five children and stillbirth in North India: a qualitative study. *BMC Pediatr*. 2021 Nov 17;21(1):513.
- Raju AT, Das R, Rai N, Kumar A, Gaiind R. Prospective Study on Respiratory Viral Pathogens Causing Acute Lower Respiratory Infections in Children Below Five Years of Age at a Tertiary Care Hospital of India. *Journal of Clinical and Diagnostic Research*. 2021, Vol-15(5): DC12-DC16
- Raghav A, Kumar A, Anand P, Yadav G, Gera R. Role of Serum Inflammatory Markers in Predicting Bacterial Meningitis amongst Neonates with Sepsis. *Indian Journal of Neonatal Medicine and Research*, 2021 Apr, Vol-9(2): PO21-PO26
- Saluja C, Kumar A, Das S. Prevalence of Meningitis in First Episode of Febrile Seizure in Children Aged between 6 to 18 Months: A Cross – sectional Study. *Journal of Clinical and Diagnostic Research*. 2021, Vol-15(11): SC01 – Sc05
- Goel N, Sharma S (Corresponding). Book Chapter. *Pneumococcal diseases*. Chapter 24. FAQ on Immunization. IAP 2021
- Sehgal R. Bhatt M. A case series on Neuroborreliosis –an emerging infection in India. *JCDR* 2021; 15(4):SR01-03.
- Brinda E, Gupta R, Bhatt M, Roy MP. The clinical profile, early warning sign score and outcome of children aged 0 – 12 years referred to a tertiary care hospital in North India. *J Child Sci* 2021;11:e193–e198
- Dixit KK, Ramesh V, Gupta R, Negi NS, Singh R, Salotra P. Real-Time Fluorimetry Loop-Mediated Isothermal Amplification for Diagnosis of Leishmaniasis and as a Tool for Assessment of Cure for Post-Kala-Azar Dermal Leishmaniasis. *Am J Trop Med Hyg*. 2021 Apr 19;104(6):2097-2107.
- Das S, Misra A, Kashyap A, Meena S, Singh A, Aggarwal KC. Study of transfusion-related iron overload (trio) in pediatric patients with hematological malignancy and bone marrow failure syndromes. *Am J Blood Res*. 2021 Aug 15;11(4):384-390.
- Drug Resistant Tuberculosis. Kaur S, Singh V. Evidence Based Practices in Management of infectious diseases in Pediatrics. Editors: DhanyaDharmapalan, Vijay Yewale, Suhas Prabhu, Winsley Rose
- Developmental Assessment. Juneja M, Kaur S. Clinical Methods in Pediatrics (revised for 5th edition) Editor: Dr Piyush Gupta Publisher: CBS Publishers

- Common cold and Acute Pharyngitis. Kaur S, Sethi GR. PG Textbook of Pediatrics (Revised for 3rd edition) Editor: Dr Piyush Gupta, Dr PSN Menon, Dr Siddarth Ramji, Dr Rakesh Lodha. Publisher: Jaypee Brothers
- Introduction to Development, Laws of Development and Factors affecting Development. Kaur S. PG Textbook of Pediatrics (Revised for 3rd edition) Editor: Dr Piyush Gupta, Dr PSN Menon, Dr Siddarth Ramji, Dr Rakesh Lodha Publisher: Jaypee Brothers
- Maheshwari, Supriya, Sumitmehndiratta, Amitabh. Parental Outlook and Problems Faced during Lockdown in COVID-19 Pandemic: Experience from a Paediatric Haematology-Oncology Unit in a Developing Country-A Questionnaire-Based Survey. *Journal of Clinical & Diagnostic Research* 15.4 (2021).
- Ahuja S, Sharma J, Gupta S, Bakhshi S, Seth R, Singh A, Bagai P, Arora RS. Patient tracking during treatment of children with cancer in India - An exploratory study. *Cancer Rep (Hoboken)*. 2021 Feb 23:e1359.
- Verma S, Dhanda H, Singh A, Rishi B, Tanwar P, Chaudhry S, Siraj F, Misra A. Systematic review of epigenetic targets in acute myeloid leukemia. *Am J Blood Res*. 2021 Oct 15;11(5):458-471.
- Siraj F, Tanwar P, Singh A, Rishi B, Ranjan A, Chopra A, Rai S, Bakhshi S, Misra A. Analysing "tear-drop" prints of acute promyelocytic leukemia (APML): immunophenotypic prognostication of APML by FCM. *Am J Blood Res*. 2021 Aug 15;11(4):446-457.
- Gera A, Misra A, Tiwari A, Singh A, Mehndiratta S. A hungry Histiocyte, altered immunity and myriad of problems: Diagnostic challenges for Pediatric HLH. *Int J Lab Hematol*. 2021 Dec;43(6):1443-1450.
- Das S, Misra A, Kashyap A, Meena S, Singh A, Aggarwal KC. Study of transfusion-related iron overload (trio) in pediatric patients with hematological malignancy and bone marrow failure syndromes. *Am J Blood Res*. 2021 Aug 15;11(4):384-390.
- Kapoor K, Saha A, Dubey NK, Batra VV, Upadhyay AD. Clinical and Histopathological Profile of Adolescent Onset Idiopathic Nephrotic Syndrome in North Indian Children. *Saudi J Kidney Dis Transpl*. 2021 Jan-Feb;32(1):204-208.
- Sinha A, Bagga A, Banerjee S, Mishra K, Mehta A, Agarwal I, Uthup S, Saha A, Mishra OP; Expert Group of Indian Society of Pediatric Nephrology. Steroid Sensitive Nephrotic Syndrome: Revised Guidelines. *Indian Pediatr*. 2021 May 15;58(5):461-481.
- Vasudevan A, Thergaonkar R, Mantan M, Sharma J, Khandelwal P, Hari P, Sinha A, Bagga A; Expert Group Of The Indian Society Of Pediatric Nephrology. Consensus Guidelines on Management of Steroid-Resistant Nephrotic Syndrome. *Indian Pediatr*. 2021 Jul 15;58(7):650-666.
- Krishnasamy S, Mantan M, Mishra K, Kapoor K, Brijwal M, Kumar M, Sharma S, Swarnim S, Gaiind R, Khandelwal P, Hari P, Sinha A, Bagga A. SARS-CoV-2 infection in children with chronic kidney disease. *Pediatr Nephrol*. 2021 Sep 14:1-9.
- Goel N, Kapoor K, Bajaj S, Saluja S. Compound heterozygous delta beta thalassemia with IVS 1-5 (G>C) mutation presenting as thalassemia major phenotype. *International Journal of Contemporary Pediatrics*. 2021; 8: 1993.
- Singh A, Saini I, Meena SK, Gera R. Demographic and Clinical Profile of Mortality Cases of COVID-19 in Children in New Delhi. *Indian J Pediatr*. 2021 Jun;88(6):610.
- WHO Immediate KMC Study Group, Arya S, Naburi H, Kawaza K, Newton S, Anyabolu CH, Bergman N, Rao SPN, et al. Immediate "Kangaroo Mother Care" and Survival of Infants with Low Birth Weight. *N Engl J Med*. 2021 May 27;384(21):2028-2038
- Gahlawat V, Chellani H, Saini I, Gupta S. Predictors of mortality in premature babies with respiratory distress syndrome treated by early rescue surfactant therapy. *J Neonatal Perinatal Med*. 2021;14(4):547-552.
- Das S, Misra A, Kashyap A, Meena S, Singh A, Aggarwal KC. Study of transfusion-related iron overload (trio) in pediatric patients with

hematological malignancy and bone marrow failure syndromes. Am J Blood Res. 2021 Aug 15;11(4):384-390.

- Shruti J, Archana K, Singh A. Spectrum of Multisystem Inflammatory Syndrome in Children (MIS-C) – a report of 3 cases. SN Comprehensive Clinical Medicine.2021, Sep 21 : 1-5.

CONFERENCES/WORKSHOP/CME ATTENDED

Dr. Rani Gera

- Revised Basic Workshop (rBCW) in VMMC w.e.f.30.3.21 to 01.04.21.
- Workshop on online training for Doctors for Management of Covid in children (DGHS) 30.07.21.
- NEET PG Post Exam Review Workshop (NBEMS) on 11.09.21.
- Item Writing Workshop (NBEMS) on 29.09.21
- MCQ validation Workshop (NBEMS) on 01.12.21
- Pre-PCNI Pediatric Cardiology CME, Manipal Hospital Workshop on 19.09.21
- CME on Dengue on 10.11.21
- CME on National Pediatric & Fetal Cardiology from Cardiology Chapter of IAP-27.02.22

Dr. Amitabh

- Revised Basic Course Workshop (rBCW) on 24-26th August 2021, VMMC and Safdarjung Hospital, New Delhi.
- Panelist for Discussion on AML management organized in Delhi
- **Dr. Anita Yadav**
- National Conference, Pedicon organized by IAP, Noida on 12-15th March 2021.
- Basic Life Support organized by IAP, Shroff Eye Centre on 21st Nov.2021
- Neonatal Resuscitation National Training of Trainers organized by NNF, Delhi on 3-4th Nov.2021.

Dr. Isha Saini

- Revised Basic Course Workshop (rBCW) on 24-26th August 2021, VMMC & Safdarjung Hospital, New Delhi.

Dr. Kanika Kapoor

- Pre-Primer Pathology workshop hosted by NUH

- Singapore on 31st Aug.2021, Virtual
- 3-day teaching course "Stump the Fellow" hosted by NUH, Singapore, 1-3rd Sept.2021, Virtual
- Dialysis workshop, 5th IPNA-AsPNA Jr. Master class by NUH Singapore, 4th Sept.2021, Virtual
- Peritoneal dialysis in Pediatric AKI: PD KIDS, 25-26th Sept.2021, Virtual

GUEST LECTURES ORGANIZED BY THE DEPARTMENT.

Dr. Rani Gera-In the Multidisciplinary meet conducted by VMMC on 25th Feb.

EXTERNAL ASSIGNMENTS OF SIGNIFICANCE

Dr. Rani Gera

- Faculty with NBE as Examiner (Practical & Theory) for DNB Pediatrics.
- Making Question Bank for Entry & Exit exam for DNB Pediatrics.
- Faculty for accreditation of hospitals for DNB Pediatrics seats.
- Faculty in Validation Workshops for DNB Pediatrics MCQs.



Sitting (L to R): Dr Shobha Sharma, Dr Rachna Sehgal, Dr Sugandha Arya, Dr Harish Chellani, Dr Rani Gera,
Dr Ajay Kumar Dr Ratan Gupta, Dr. K R Meena, Dr Amitabh
Standing First Row (L to R): Dr Amit, Dr Bhavna, Dr Archana Kashyap, Dr Shobana, Dr Niddhi, Dr Satnam,
Dr Ritamoni, Dr Meetu, Dr Kanika Kapoor, Dr Sumit
Standing Second Row (L to R): Dr Satish Meena, Dr Anita Yadav, Dr Isha Saini

Department of Psychiatry

PRELUDE

Department of Psychiatry has been running regular adult Psychiatry OPD, four specialty clinic services and indoor facilities and attending to more than 200 patients and families every day. 24×7 emergency and referral intake services are open. More than 100 Disability Certificates and Concession Certificates has been issued to the patients.

Regular online teaching programs continued along with other activities, like participation in webinars and All India Radio program to create awareness about mental health related problems. Faculty members were appointed as MD (Psychiatry) and DNB (Psychiatry) examiner & NEET PG experts.

Department of Psychiatry at Vardhman Mahavir Medical College & Safdarjung Hospital was established almost four decades ago, which is currently one of the fast-growing departments in the hospital with presently six faculty members, five senior residents and ten PG residents. It was established with the mandate to address psychological issues in the medically ill and provide basic mental health services to the population of Delhi and surrounding areas but

now with expansion of mental health services it has become a referral centre for psychiatry services.

Department is running MD (Psychiatry) program with annual intake of 5 MD students. The OPD census for the year 2021 was 44052 and IPD admissions were 312. Department is actively involved in treatment of mental disorder and aimed to reduce morbidity and mortality associated with them.

FACULTY

- **Dr. Manushree Gupta**, Associate Professor
- **Dr. Kuldip Kumar**, Consultant, Professor & HOD
- **Dr. Shally Mina**, Associate Professor
- **Dr. Rahul Saha**, Associate Professor
- **Dr. Pankaj Verma**, Consultant & Professor
- **Dr. Abhilasha Yadav**, Professor

SEMINARS / CONFERENCES / WORKSHOPS/ CMEs ATTENDED BY THE FACULTY

- Dr. Manushree Gupta**, Associate Professor
- Attended Delhi Psychiatric Society midterm CME August 2021
 - Attended Annual Conference as organizer and

faculty August 2021

- **Dr. Kuldip Kumar**, Consultant, Professor & HOD
- Attended Online workshop on "Challenges in Psychiatric Rehabilitation in India" (Online) 15 July 2021
- Participated in orientation programme on Yoga in Mental Health (Online) 09 October 2021
- Attended Yoga in Mental Health Certified Comprehensive Online Educational course organized by World Psychiatric Association in collaboration with Indian Psychiatric Society and NIMHANS, Bangalore (Online) 30 November 2021, 07 December 2021, 11 December 2021, 18 December 2021

Dr. Abhilasha Yadav, Professor

- Attended WASP Asia-Pacific hybrid congress, 2021 held in Delhi 16 to 18 September 2021
- Attended 16th Biennial national conference of Indian association of child and adolescent mental health (Online) 24 to 26 December 2021.

RESEARCH: THESIS (ONGOING)

- Dr. Kshitiz Nair- Clinical characteristics, personality traits, psychiatric co-morbidities of non-suicidal self-injury in patients with psychiatric disorders 2020-2023(Guide- Dr. Pankaj Verma, Professor)
- Dr. Rahul Saini- Comparison of sociodemographic profile, clinical characteristics and comorbidity in child and adolescent versus adult-onset obsessive compulsive disorder patients 2020-2023(Guide- Dr. Abhilasha Yadav, Professor)
- Dr. Ashini Patel- Comparison of functional disability and family burden among obsessive-compulsive disorder and schizophrenia patients 2020-2023(Guide- Dr. Kuldip Kumar, Professor)
- Dr. Ganesh Kumar Meena- Comparison of personality factors, adherence to treatment and quality of life in bipolar disorder I patients with or without substance use disorder 2020-2023 (Guide- Dr. Abhilasha Yadav, Professor)
- Dr. Subhasmita Malik- To study the association between sleep quality and suicidal ideation in adults with major depressive disorder 2020-

2023(Guide- Dr. Kuldip Kumar, Professor)

RESEARCH: THESIS (COMPLETED)

- Dr. Ashutosh Kumar Chaubey- Assessment of Association Between Parenting Styles & symptoms of attention deficit hyperactivity disorder (ADHD) and their effect on parental stress 2018-2021(Guide- Dr. Pankaj Verma)
- Dr. Kapil Bansal- Study of Quality of Life & Caregiver Burden in Obsessive Compulsive Disorder 2018-2021(Guide- Dr. Kuldip Kumar)
- Dr. PrakamyaSingal- A Study of Phenomenology & Factors Associated with Perimenopausal Symptoms among women with depression 2018-2021(Guide- Dr. Pankaj Verma)
- Dr. Ramesh Kumar- Association of Religiosity, spirituality & Quality of Life in Anxiety Disorders: A case control study 2018-2021(Guide- Dr. Abhilasha Yadav)
- Dr. Rupam Dhiman- Assessment of Expressed Emotions & Suicidal Ideation in Adults with Alcohol Dependence Syndrome 2018-2021(Guide- Dr. Kuldip Kumar)

FUNDED SPECIAL GRANTS/PROJECTS DURING THE YEAR (ONGOING)

- Dr. Manushree Gupta (PI) Development of an artificial intelligence based digital platform to screen children for ASD (CogniABLE) A cross-sectional and multisite study in India BIRAC, DST (Govt. of India)

PUBLICATIONS OF FACULTY/ RESIDENTS

- Bisht N, Shaiju B, Khan F, Kumar K. Assessment of Sleep Hygiene Practices and sleep quality among Nursing officers of selected hospitals on Delhi. Accepted for publication in Int. J Nurs, Midwifery 2021; 8(1) 9-13.
- Rasania P, Kumar K, Mathur M, Rasania SK. Awareness and attitude about organ and body donation among medical students and faculty members. Int. J. Community Med. Public Health 2021; 8(4)
- Yadav A, Rastogi R & Kumar R, (2021). Psychosocial profile of cases of gender dysphonia attending a tertiary care hospital in Delhi. Sexuality, Gender & Policy, 4(2), 120-129.
- Mishra A, Marwan S, Arora R, Yadav A, Anand N,

Mushahray D. Comparison of psychological morbidity of healthcare workers posted in covid and non-covid labour rooms. The journal of obstetrics and Gynecology of India 2021, 71 (Suppl 1); 36-41.

FULL PAPER PUBLICATIONS IN CONFERENCE PROCEEDINGS

- Verma L, Mathur H, Singh R, Sha R, Yadav A. Obsessive showness masquerading as catatonia- A case report abstracts of the WASP Asia pacific hybrid congress 2021. World Soc psychiatry 2021; 3:234-333.
- Mattikoppa N, Yadav A, Sha R, Mina S. A study of personality factors, coping styles and perceived stress in parents of children with intellectual disability. Abstracts of the WASP Asia pacific hybrid congress 2021, World Soc Psychiatry 2021;3:234-333.

DEPARTMENT.

- Guest lectures: 8

EXTERNAL ASSIGNMENTS OF SIGNIFICANCE

Dr. Manushree Gupta: Appointed expert to the committee for National Treatment Guidelines for substance use disorders by the Ministry of Health & Family welfare.

ANY SIGNIFICANT FACILITY CREATED IN THE CURRENT YEAR

- De-addiction Special Clinic, Monday (2 PM to 4 PM)

SIGNIFICANT ACHIEVEMENTS DURING THE YEAR

- A new speciality clinic "Deaddiction Clinic" was started on Monday, 2 to 4 PM to cater patients suffering from substance use disorder.
- Outdoor, Indoor and emergency services were continued regularly in spite of Covid infection.



Sitting (L to R): Dr Abhilasha Yadav, Dr Kuldip Kumar, Dr Pankaj Verma
Standing (L to R): Dr Shaily Mina, Dr Rahul Saha, Dr Manushree Gupta

Department of Pulmonary, Critical Care and Sleep Medicine

PRELUDE

Services offered by the Department

- An eight-bedded state of the art Critical Care unit was started in the department in the year 1991. It has got capabilities to provide mechanical ventilation, non-invasive ventilation and all intensive care services to critically ill patients including right heart catheterization studies and studies relating to left heart function (cardiac output studies), use of USG for pulmonary, vascular and cardiac parameters relating to critical care of patients admitted to this ICU.
- The department has a 30-bedded inpatient service (including HDU) where patients suffering from serious pulmonary disorders, disorders pertaining to sleep related diseases and patients recovering from critical care illnesses are managed.
- A super-specialty DM in Pulmonary & Critical Care Medicine was started in the Department in year 2011 for the first time in a Central Government Hospital. This course is affiliated with IP University with an annual intake of 4 candidates
- This department provides round the clock arterial blood gas facilities to the hospital.
- All procedures related to polysomnography, pulmonary function testing, bronchoscopy, thoracoscopy, EBUS, pleural aspiration, intercostal tube drainage, pleurodesis, chemotherapy, etc. are being provided to all outdoor and indoor patients.
- This department also undertakes ultrasound guided and CT guided invasive procedures for histo-pathological diagnosis of lung diseases
- It also provides in- service training to WHO-Fellows, Medical Officers, specialists and post graduate students from other organizations who are posted in this department from time to time
- The faculty members are actively involved in participation in post graduate as well as super-speciality examinations and training program in the field of pulmonary medicine and critical care medicine that are conducted by the National

	Facility	Details of the facilities
1.	ABG Laboratories	03 ABG machines running in SSB – ABG Lab 02 ABG machines running in NEB-ABG lab daily average 300 samples per day
2.	PFT Lab	04 spirometry installed and daily average 10 patients per day
3.	Bronchoscope Lab	Adult Video Bronchoscope Pediatric bronchoscope Rigid Bronchoscope EBUS Video Laryngoscope Ultrasonic Fiberoptic bronchoscope Daily on an average 07 procedures are undertaken
4.	Sleep Lab	03 sleep labs on an average daily 02 patients are undertaken for the test.
5.	Seminar Hall	01 seminar hall equipped with Interactive Panel display 65" inch touch display with wireless presentation system with adequate sitting arrangement
6.	Skill Centre	Bronchoscopy Simulator Lung Sounds Simulator Airway Management simulator
7.	OPD	120 patients/ day
8.	IPD	24 bedded ward
9.	ICU	10 bedded
10.	HCU (H1N1)	06 bedded
11.	Library	100 books

Board of Examination from time to time.

- This department has been providing on the spot referral round-the-clock services to the patients admitted to the various other departments and facilities of Safdarjang Hospital.

Achievements of the Faculty in Past Years

- Actively involved in Government healthcare programs to control and CME programs for Dengue, Swine flu and other related diseases
- Actively involved in training of Medical Officers posted *en route* Amarnath Yatra at J&K
- Actively involved in formulation of National Guidelines/protocol on management of H1N1 seasonal influenza, pneumonia, and sleep apnea.
- Development of guidelines for vaccination of Health care workers
- Participated in the formulation Nebulization practices in India.
- Lead team of a specialist and two DM residents to manage H1N1 ICU at SMS Medical College, Jaipur during H1N1 outbreak.
- Lead team to Dibrugarh for assessment and advice regarding outbreak of Encephalitis in the North East Region.
- Lead team to assess the outbreak of H1N1 in Maharashtra and Kerala.
- Lead team to assess the outbreak of H1N1 in Gujarat
- Lead team to assess the outbreak of H1N1 in Bhopal
- Making the curriculum & training content for conducting training workshop to sensitize APHOs, PHOs, RRTs and Nodal officers designated by the State on Severe Respiratory Disease associated with MERS (CoV).
- Conducting course cum workshop on ICU management of H1N1 influenza patients under MOHFW
- Organizing National Conference on sleep disorders – SLEEPCON 2019

Attendance (Yearly) of various services provided

- OPD patient attendance = New-14665, old-18320. Total= 32985 AVERAGE 200 PER DAY APPX
- IPD admissions = 1500 per year
- ABG = 174000 per year
- Bronchoscopy procedure = 2000 per year (including endobronchial ultrasound)
- PFT = 10000 per year
- Thoracoscopy = Appx 300 per year appx.
- Sleep study = 600 per year

FACULTY

- **Dr. Shibdas Chakrabarti**, Associate Professor
- **Dr. Neeraj kr. Gupta**, Professor & HOD
- **Dr. Nitesh Gupta**, Assistant Professor
- **Dr. Pranav Ish**, Assistant Professor
- **Dr. Rajnish Kaushik**, Assistant Professor
- **Dr. Rohit Kumar**, Assistant Professor

NEW ADDITION TO THE FACULTY

- Dr Mahendran AJ, Assistant Professor
- Dr Manu Madan, Assistant Professor

DISTINCTIONS ACHIEVED BY THE MEMBERS OF THE FACULTY

AWARDS

- Prof NK Gupta- Awarded an appreciation letter from medical superintendent for contributions and exemplary services in Safdarjung Hospital in the battle against COVID-19 pandemic
- Dr Nitesh Gupta- Awarded an appreciation letter from the Member of Parliament and Medical Superintendent for contributions and exemplary services in Safdarjung Hospital in the battle against COVID-19 pandemic.
- Dr Pranav Ish- Awarded an appreciation letter from the Member of Parliament and medical superintendent for contributions and exemplary services in Safdarjung Hospital in the battle against COVID-19 pandemic
- Dr Rohit Kumar- Awarded an appreciation letter from the Member of Parliament and medical superintendent for contributions and exemplary services in Safdarjung Hospital in the battle against COVID-19 pandemic

SEMINARS / CONFERENCES / WORKSHOPS /CMEs HELD IN THE DEPARTMENT.

Symposium organized in NAPCON 2021

SEMINARS / CONFERENCES / WORKSHOPS /CMEs ATTENDED BY THE FACULTY

- Dr. Pranav Ish: Lecture on A Case of sleepy patient, at NAPCON 2021, Varanasi
- Dr. Rohit Kumar: Lecture on A Case of mediastinal lymphadenopathy, at NAPCON 2021, Varanasi

RESEARCH: THESIS (ONGOING)

- Dr. Baljeet S Virk- A study to evaluate the etiology, severity and outcomes in patients presenting with hemoptysis (Guide: Dr Shibdas Chakrabarti)
- Dr. Harsha Jain- Role of Submental Ultrasonography in patient with Obstructive Sleep Apnea (Guide: Dr Shibdas Chakrabarti)
- Dr. Ramees Najeeb- A Randomized Controlled Study to determine the impact of non-pharmacological interventions on Sleep Architecture in ICU Patients (Guide: Dr NK Gupta)
- Dr. Arjun Bhatnagar- A Study to evaluate role of Doppler carotid blood flow as a predictor of fluid responsiveness in patients of shock in ICU (Guide: Dr NK Gupta)
- PhD thesis of Sudhasini Panda- Role of hyperglycemia on macrophage effector function in pulmonary tuberculosis (Guide: Dr NK Gupta)
- M.Sc. thesis of Hema Yadav- To study the role of B cells on macrophage polarization and their effector functions in immunopathogenesis of pulmonary tuberculosis (Guide: Dr NK Gupta)

RESEARCH: THESIS (COMPLETED)

- Dr Richa Mittal- A Randomised Controlled trial to study the effect of continuous positive airway pressure on blood pressure in patients of obstructive sleep apnea (Guide: Dr J C Suri)
- Dr Srikar Darisetty- Effect of continuous positive airway pressure for obstructive sleep apnoea syndrome on glycemic control in Type II diabetes mellitus- A randomized controlled trial (Guide: Dr J C Suri)

- Dr Manas Mengar- Randomized control trial of impact of continuous positive airway pressure therapy on neurocognitive and physiological functions in patients of obstructive sleep apnoea (Guide: Dr MK Sen)
- Dr Ravi- A Randomized controlled trial to determine the effect of continuous positive airway pressure therapy on metabolic parameters in patients with obstructive sleep apnoea ((Guide: Dr MK Sen)

PUBLICATIONS OF FACULTY/RESIDENTS

- Nath R, Gupta NK, Jaswal A, Gupta S, Kaur N, Kohli S, Saxena A, Ish P, Kumar R, Tiwari P, Kumar M, Kishore J, Yadav G, Marwein F, Gupta N. Mortality among adult hospitalized patients during the first wave and second wave of COVID-19 pandemic at a tertiary care center in India. *Monaldi Arch Chest Dis.* 2021 Oct 11;92(2).
- Srikanth JK, Kumar R, Gupta NK, Ish P, Yadav SR, Chakrabarti S, Gupta N. A Prospective Study Evaluating Sleep Quality and Disorders in Post-ARDS Patients. *Sleep Vigil.* 2021;5(2):267-274.
- Mahendran AJ, Gupta NK, Gupta N, Kumar R, Ish P. COVID-19 - deliberating beyond steroids in 2021. *Adv Respir Med.* 2021;89(6):612-614.
- Gupta N, Agstam S, Malhotra N, Ish P, Virk BS, Gupta NK. A left hilar mass with an uncommon etiology. *Adv Respir Med.* 2021;89(3):336-337.
- Singh SP, Khokhar A, Gupta NK. Enrolment under of NikshayPoshan Yojana among tuberculosis patients in a tertiary care hospital of Delhi. *Indian Journal of Tuberculosis,* 2021. ISSN 0019-5707.
- Panda S, Faisal S, Kumar K, Seelan DM, Sharma A, Gupta NK, Datta S, Singh A. Role of Regulatory Proteins Involved in Iron Homeostasis in Pulmonary Tuberculosis Patients and Their Household Contacts. *Ind J Clin Biochem* (2021).
- Kapur M, Gupta N, Gupta NK, Chakrabarti S, Kumar R, Ish P. Antitubercular therapy - an uncommon side effect. *Adv Respir Med.* 2021;89(5):544-545.
- Sheth P, Chakrabarti S, Gupta NK, Ish P, Kumar R, Gupta N. A middle-aged lady with near-fatal respiratory failure. *Monaldi Arch Chest Dis.* 2021 Dec 28;92(3). doi: 10.4081/monaldi.2021.2103. PMID: 34964576.
- Mittal R, Kumar R, Srikanth JK, Yadav SR, Chandak R, Chakrabarti S. Pulmonary alveolar microlithiasis: Blizzard of lung. *Monaldi Arch Chest Dis.* 2021 Jun 10.
- Quadir N, Rahman SA, Ahmad J, Das AK, Arora N, Sheikh JA, Gupta NK, Kapur P, Dudeja M, Hasnain SE, Ehtesham NZ. Development and Validation of Signature Sequence-Based PCR for Improved Molecular Diagnosis of Tuberculosis. *J Mol Diagn.* 2021 Jun 8:S1525-1578(21)00165-3.
- Malhotra N, Ish P, Gupta N. Plasma therapy in COVID-19; All that glitters is not gold. *Lung India* 2021 Jul;69(7):1969.
- Iyengar KP, Garg R, Jain VK, Malhotra N, Ish P. Electronic intensive care unit: A perspective amid the COVID-19 era – Need of the day! *Lung India* 2021;38:S97-100.
- Migliori GB, The TB/COVID-19 Global Study Group (including Ish P). TB and COVID-19 co-infection: rationale and aims of a global study. *Int J Tuberc Lung Dis.* 2021 Jan 1;25(1):78-80.
- Iyengar KP, Jain VK, Vaishya R, Ish P. Long COVID-19: an emerging pandemic in itself. *Adv Respir Med.* 2021;89(2):234-236.
- Virk BS, Gupta N, Malhotra N, Ish P. A case of COVID-19 with pulmonary sequelae. *MAMC J Med Sci* 2021;7(1)
- Kumar R, Yadav SR, Goel A, Kumar A, Ish P, Gupta N. Cardiology and COVID-19: A bidirectional association! *Adv Respir Med* 2021; 89(1):81-4
- Iyengar KP, Vaishya R, Jain VK, Ish P. BAME community hesitancy in the UK for COVID-19 vaccine: suggested solutions. *Postgrad Med J.* 2021 Mar 29;postgradmedj-2021-139957.
- Srivastava RK, Ish P, Safdarjung COVID-19 Vaccination group. The initial experience of COVID-19 vaccination from a tertiary care centre of India. *Monaldi Arch Chest Dis.* 2021 Mar 31.
- Iyengar KP, Singh B, Vaishya R, Jain VK, Ish P. Should COVID-19 vaccination be made mandatory? *Lung India.* 2021 Jul-Aug;38(4):379-381.
- Iyengar KP, Ish P, Botchu R, Jain VK, Vaishya R.

Influence of the Peltzman effect on the recurrent COVID-19 waves in Europe. *Postgrad Med J*. 2021 Apr 29;postgradmedj-2021-140234.

- Jain H, Gupta N, Ish P. COVID-19 Happy hypoxemia and HAPE- Pathophysiological links? *Indian J Med Spec* 2021
- Ish P, Ish S. Prevention of Mucormycosis in COVID-19; the need of the hour. *Indian J Ophthalmol*. 2021 Jul;69(7):1969.
- Kunal S, Aditi, Gupta K, Ish P. COVID-19 variants in India: Potential role in second wave and impact on vaccination. *Heart Lung*. 2021;50(6):784-787.
- Gupta N, Malhotra N, Ish P. GOLD 2021 guidelines for COPD- what's new and why? *Adv Respir Med* 2021;89(3):344-346.
- Iyengar KP, Jain VK, Sakthivel P, Malhotra N, Ish P. Competency-based novel medical curriculum in India. *Postgrad Med J*. 2021 Feb 9: postgradmedj-2020-139690.
- Gupta NK, Ish P. Tuberculosis with discordant drug resistance patterns- A diagnostic dilemma. *Indian J Tuberc*. 2021
- Arora R, Marwah S, Dhama V, Dabral A, Gupta N, Arora B. COVID-19 in pregnancy: A preliminary 50-day review from India. *J Family Med Prim Care*. 2021 Feb;10(2):883-892.
- Marwah S, Kanwar R, Naghma S, Dabral A, Gupta N. A Clinical Study on Initial Experience of COVID-19 ARDS in Obstetric Patients at a Tertiary Care Centre in India. *Case Rep Obstet Gynecol*. 2021 Mar 29;2021:5591041.
- Dev N, Meena RC, Gupta DK, Gupta N, Sankar J. Risk factors and frequency of COVID-19 among healthcare workers at a tertiary care centre in India: a case-control study. *Trans R Soc Trop Med Hyg*. 2021 May 8;115(5):551-556.
- Agrawal S, Gupta N, Gonuguntla HK, Gonuguntla HK. Evidence-based review of bronchoscopic lung volume reduction. *Adv Respir Med*. 2021;89(1):43-48.
- Dev N, Sankar J, Gupta N, Meena RC, Singh C, Gupta DK, Sen MK. COVID-19 with and without anosmia or dysgeusia: A case-control study. *J Med Virol*. 2021 Apr;93(4):2499-2504.
- Bachani S, Arora R, Dabral A, Marwah S, Anand P,

Reddy KS, Gupta N, Singh B. Clinical Profile, Viral Load, Maternal-Fetal Outcomes of Pregnancy With COVID-19: 4-Week Retrospective, Tertiary Care Single-Centre Descriptive Study. *J ObstetGynaecol Can*. 2021 Apr;43(4):474-482.

- Anand P, Yadav A, Debata P, Bachani S, Gupta N, Gera R. Clinical profile, viral load, management and outcome of neonates born to COVID 19 positive mothers: a tertiary care centre experience from India. *Eur J Pediatr*. 2021 Feb;180(2):547-559.

Book chapters

- Contributor to *Bates' Pocket Guide to Physical Examination and History Taking – South Asian edition* by Wolters Kluwer. ISBN-13: 978-93-8985-935-5
- Hari KishanGonuguntla Nitesh Gupta Claudio Sorino David Feller-Kopman. *Pleural Disease*, 1st edition 2021. Elsevier. *Lung Adenocarcinoma With Diffuse Pleural Infiltration in a Young Nonsmoker Man*
- *Arterial Blood Gas Analysis – a Step by Step approach*. Sumita Agrawal, Nitesh Gupta. Notionpress.

GUEST LECTURES DELIVERED BY THE FACULTY.

- Dr. Rohit Kumar: A Case of mediastinal lymphadenopathy, NAPCON 2021, Varanasi
- Dr. Pranav Ish: A Case of sleepy patient, NAPCON 2021, Varanasi
- Dr. Manu Madan: History taking in pulmonary medicine, NAPCON 2021, Varanasi
- Dr. Mahenderan A.J: Examination in pulmonary medicine, NAPCON 2021, Varanasi

EXTERNAL ASSIGNMENTS OF SIGNIFICANCE

- **Prof N K Gupta** - Nominated as an expert by GOI, DGHS, Medical Education Section, Nirman Bhawan, New Delhi - for conducting physical/ Online verification of RIMS, Imphal towards proposal of increase seats in MD Respiratory Medicine
- **Dr. Rohit Kumar**-visited Mizoram as part of Central Team for COVID procedures from 27.12.2021 to 02.01.2022
- Deployment of Central teams to Maharashtra,

Punjab, Chhattisgarh and Gujarat from 07.04.2021 to 13.04.2021

- Co-opted member of the multi-disciplinary team constituted by the Ministry of Home Affairs (MHA) to review the status of covid management including rational and judicious use of medical oxygen in NCT of Delhi.
- A center appraiser for various exams being conducted by the National board of Examinations (NBE)
- National Board of Examinations (NBE) appointed subject expert to contribute to their question bank
- The Development of the MI-SEHAT (Mobile-phone Integrated Sensitive Estimation and High Specificity Application) diagnostic kit for COVID 19 – (PATENT APPLIED FOR - TEMPE/E1/47671/2020-DEL)

Pranav Ish- Appointed as Member of GGSIPU committee for Inspection of academic Facilities and Faculties at NITRD, Delhi to start MD respiratory medicine. Inspected the institute on 22-2-2021 as a subject expert.

Nitesh Gupta

- Appointed to attended as an expert member in COVID-19 management guidelines in Dte. GHS during this period.
- Appointed to attended as an expert member in COVID-19 preparation of 3rd wave in Dte. GHS during this period.

BRIEF WRITE UP ON DISTINCTIONS ATTAINED IN SPORTS AND EXTRA CURRICULAR ACTIVITIES AT THE UNIVERSITY OR INTER-UNIVERSITY

LEVEL BY THE STUDENTS.

Prof NK Gupta: Runner-up in Inter-ministerial Badminton Tournament 2020-2021 in Veteran Doubles category

SIGNIFICANT ACHIEVEMENTS DURING THE YEAR

Exemplary services in Safdarjung Hospital in the battle against COVID-19 pandemic

Proposed New Services

- Speciality clinics like smoking cessation clinic, sleep apnea clinic, ILD clinic, lung cancer clinic, and pulmonary rehabilitation clinic.
- Initiate activities to develop a lung transplantation program
- Set up services for conducting integrated pulmonary rehabilitation, cardio-pulmonary exercise testing, navigational bronchoscopy, bronchial thermoplasty, cryo-biopsy of lung.
- Develop skills for providing bronchoscopic lung volume reduction for the large number of advanced COPD patients attending the hospital
- Provide advanced interventional pulmonology services to patients with morbid conditions like tracheo-bronchial stenosis, difficult cases of foreign body impaction etc
- Provide advanced rescue therapy like ECMO, high frequency ventilation, inhaled nitric oxide etc to patients with severe acute respiratory distress syndrome and other critically ill patients..

DISTINCTIONS ATTAINED BY STUDENTS/RESIDENTS

S.No.	Name of students	Programme	Semester/ year	Details of Awards
1	Srikanth	NAPCON	DM 3 RD YEAR	NAPCON POSTER PRIZE 2020
2	Ramees	NAPCON	DM 2 ND YEAR	NAPCON POSTER PRIZE 2020
3	Harsha	NAPCON	DM 2 ND YEAR	NAPCON POSTER PRIZE 2020
4	Arjun Bhatnagar	KATRDIC 2020	DM 2 ND YEAR	Outstanding poster paper award of KATRDIC 2020



Legend to photo:

Sitting (L to R): Dr. Rohit Kumar, Dr. Neeraj K. Gupta, Dr. S. Chakrabarti

Standing (L to R): Dr. Rajnish Kaushik, Dr. Manu Madan, Dr. Pranav Ish, Dr. Mahendran Arul, Dr. Nitesh Gupta

Department of Radiation Oncology

FACULTY

- **Dr. Abhidha**, Assistant Professor
- **Dr. Ratika Gupta**, Assistant Professor
- **Dr. Jaspreet Kaur**, Professor
- **Dr. Vikas Madholla**, Professor
- **Dr. Akhilesh Mishra**, Professor
- **Dr. Rajesh Sethi**, Chief Medical Officer
- **Dr. Rajiv Sharma**, Professor
- **Dr. Kapil Suri**, Professor
- **Dr. Vikas Yadav**, Professor

NEW ADDITION TO THE FACULTY

- **Dr. Ratika Gupta**, Assistant professor
- **Dr. Abhidha**, Assistant Professor

FACULTY MEMBERS WHO LEFT THE DEPARTMENT

- **Dr. K.T. Bhowmik**, Principal Consultant
- **Dr. Biju M. Azariah**, Assistant Professor

RESEARCH: THESIS (ONGOING)

- **Dr. Apurv Shroff**- Assessment of changes in bone

- mineral density and bone health associated biomarkers in patients receiving radical radiotherapy to pelvis for the period of three years, (Guide- Dr Rajiv Sharma Professor & Head)
- **Dr. Ankit Dhameliya**- Correlation of blood parameters to clinical response in head and neck cancer patients undergoing radical radiation therapy, for the period of three years, (Guide- Dr Rajiv Sharma Professor & Head)
- **Dr. Winsome Kumar**- Six fractions of radical radiotherapy per week in patients with locally advanced head and neck cancer, for the period of three years, (Guide- Dr Kapil Suri HAG & Professor)
- **Dr. Deval Gupta**- Effect of granulocyte-colony stimulating factor (g-csf) in prevention of radiation induced oral mucositis in patients receiving chemoradiation therapy for head and neck cancer, for the period of three years, (Guide- Dr Kapil Suri HAG & Professor)

- Ankush Gupta- Role of human papilloma virus in treatment of carcinoma cervix patient undergoing chemoradiation treatment, for the period of three years, (Guide- Dr Kapil Suri HAG& Professor).

RESEARCH: THESIS (COMPLETED)

- Dr ShaswatLohia-Effect of fluconazole prophylaxis in prevention of local fungal infections in patients of head and neck cancers receiving chemo radiotherapy, for three years, (Guide- Dr Kapil Suri Hag & Professor)
- Dr Muthu Manikandan- Effect of pilocarpine in reducing radiation induced xerostomia among head and neck cancer patients: a randomized study, for the period of three years, (Guide- Dr Rajiv Sharma Professor & Head)
- Dr. Shubhi Jain- Comparison of quad shot with conventional fractionation in palliative treatment of advanced head and neck cancers, for the period of three years, (Guide- Dr Rajiv Sharma Professor & Head)

PUBLICATIONS BY FACULTY

Dr Rajiv Sharma

- Aashita, Yadav V, Kapoor A, Sharma R. Neuroendocrine Tumor Gall Bladder: A case report and review of literature. J Med Sci 2021; XX(X):1-6
- Mishra H, Singh S, Kumar T, Bhowmik K, Suri K, Sharma R et al. Assessment of acute toxicity profile of hypo-fractionated radiotherapy in locally advanced breast cancer. J Med Sci Clin Res. 2021 June; 09(06):144-50.
- Kumar T, Singh S, Mishra H, Suri K, Sharma R. Adenocystic Carcinoma Palate with Lung Metastasis- A Case Report and Review of Literature. J Med Sci Clin Res. 2021 June; 09(06):197-203.
- Singh S, Mishra H, Gupta R, Kumar T, Kapoor A, Suri K et al. Epidemiological indicators and predisposing factors among patients of breast cancer in northern India: an institutional study. Int J Curr Res. 2021 June; 13(06):17780-84.

Dr Kapil Suri

- Mishra H, Singh S, Kumar T, Bhowmik K, Suri K, Sharma R et al. Assessment of acute toxicity profile of hypo-fractionated radiotherapy in locally

advanced breast cancer. J Med Sci Clin Res. 2021 June; 09(06):144-50.

- Kumar T, Singh S, Mishra H, Suri K, Sharma R. Adenocystic Carcinoma Palate with Lung Metastasis- A Case Report and Review of Literature. J Med Sci Clin Res. 2021 June; 09(06):197-203.
- Singh S, Mishra H, Gupta R, Kumar T, Kapoor A, Suri K et al. Epidemiological indicators and predisposing factors among patients of breast cancer in northern India: an institutional study. Int J Curr Res. 2021 June; 13(06):17780-84.

Dr. Vikas Yadav

- Aashita, Yadav V, Kapoor A, Sharma R. Neuroendocrine Tumor Gall Bladder: A case report and review of literature. J Med Sci 2021;XX(X):1-6

Dr. Akhilesh Mishra

- Mishra H, Singh S, Kumar T, Bhowmik K, Suri K, Sharma R et al. Assessment of acute toxicity profile of hypo-fractionated radiotherapy in locally advanced breast cancer. J Med Sci Clin Res. 2021 June; 09(06):144-50.

Dr. Ratika Gupta

- Simrandeep Singh S, Gupta R, Singh TP et al. A Comparative Study of Concurrent Chemo-Radiotherapy with or Without Neoadjuvant Chemotherapy in Treatment of Locally Advanced Non-Small Cell Lung Cancer. G. J. O. 2021;36:88-95.
- Gupta R., Choudhari O, Mishra H.etal. COVID-19 thrombosis: bridging the old and new concepts. Malays j med sci. 2021;28(1):9–14.
- Singh S, Mishra H, Gupta R. Epidemiological Indicators and Predisposing Factors Among Patients of Breast Cancer in Northern India: An Institutional Study. International Journal of Current Research 2021;13(06):17780-17784.



**Dr. Abhidha, Dr. Akhilesh Mishra, Dr. Vikas Yadav, Dr. Kapil Suri,
Dr. Rajiv Sharma, Dr. Jaspreet Kaur, Dr. Ratika Gupta**

Surgery & Allied Departments

- BURNS, PLASTIC & MAXILLOFACIAL SURGERY • CANCER SURGERY
- CARDIO THORACIC & VASCULAR SURGERY • CENTRAL INSTITUTE OF ORTHOPEDICS
- DENTAL SURGERY • GENERAL SURGERY • NEUROSURGERY • OBG • OPHTHALMOLOGY
- OTORHINOLARYNGOLOGY • PAEDIATRIC SURGERY
- SPORTS INJURY CENTRE • UROLOGY & RENAL TRANSPLANT

DEPARTMENT OF BURNS, PLASTIC & MAXILLOFACIAL SURGERY

PRELUDE

Safdarjung Hospital burns unit is the largest burns unit of the world as far as patient turnover is concerned. The department was established in 1962 as a separate department in the hospital under the charge of a Plastic Surgeon. It started as a regional centre for burns under the National Health Scheme by the Ministry of Health with a few beds which increased to 54 in 1977 to the current bed strength of 108. It is the only unit where all the ancillary facilities are available under one roof. It also has its own separate Casualty for burn patients where they are received directly. It attracts patients not only from Delhi but also from adjoining states of U.P, Haryana, Rajasthan, Punjab,

OPD Data

Burns-

- New Patients : 4011
- Old Patients: 16496

Plastic Surgery-

- New Patients : 12368
- Old Patients: 31475

IPD Data for the year 2021 - 2859 patients

Himachal Pradesh, Uttarakhand, M.P. and far off states like Bihar, Assam & J&K. Location: The building is located opposite the Medical Record Section besides Blood Bank & CSSR Department OPD days: The department runs Burns, Plastic surgery & Maxillofacial surgery OPD on 6 days a week from 9.00 AM to 1.00 PM. Faculty Staff: The dept. provides comprehensive health care to patients suffering from burns or requiring Plastic surgery, reconstructive surgery, micro vascular or Maxillofacial surgery. There are 20 qualified full time Specialist and 38 Senior residents and 16 Junior residents besides other supportive staff.

OT Data

Burns Surgery-

- Major OT-1801 surgeries Performed
- Minor OT - 2662 surgeries performed

Plastic Surgery-

- Major OT - 953 surgeries performed
- Minor OT- 518 surgeries performed

FACULTY

- **Dr. Savita Arora**, Consultant Professor
- **Dr. G M Bhardwaj**, Professor (Maxillofacial Surgery)
- **Dr. Deepti Gupta**, Assistant Professor
- **Dr. Gaurav K. Gupta**, Professor
- **Dr. Rakesh Kain**, Professor
- **Dr. Durga Karki**, Professor
- **Dr. Shalabh Kumar**, Consultant, Prof & HOD
- **Dr. Amrita**, More Assistant Professor
- **Dr. Deepak Nanda**, Consultant and Professor
- **Dr. Vishwa Prakash**, Consultant
- **Dr. Sujata Sarabahi**, Consultant and Professor
- **Dr. Harish Kumar Sharma**, Consultant and Professor
- **Dr. Sunil Sharma**, Professor
- **Dr. Shardendu Sharma**, Consultant
- **Dr. Upendra Sharma**, Professor
- **Dr. Archana Sinha**, Assistant Professor
- **Dr. R. K. Srivastava**, Consultant
- **Dr. Raman Tandon**, Professor
- **Dr. Piyush K. Thayal**, Professor
- **Dr. V. K. Tiwari**, Consultant
- **Dr. Komal Tripathi**, Assistant Professor

NEW ADDITION TO THE FACULTY

- Dr. Archana Sinha joined as Assistant Professor on 4th Aug 2022
- Dr. Komal Tripathi joined as Assistant Professor on 2nd Aug 2022

FACULTY MEMBERS WHO LEFT THE DEPARTMENT

- Dr. RP Narayan superannuated in May, 2021
- Dr. Sneha Sharma completed her tenure as Assistant Professor on Contract.

APPOINTMENT OF FACULTY TO HIGHER POSTS / ASSIGNMENT OUT SIDE PROMOTIONS

- Dr. Piyush k. Thayal and Dr. Gupta K. Gaurav were promoted to the post of Professor in July 2021.
- ASSIGNMENT IN ACADEMIC ASSOCIATIONS:
- Dr. Shalabh Kumar was President of APSI Delhi chapter in 2022
- Dr. R K Srivastava was President, NABI during 2022-23

- Dr. Sujata Sarabahi was Executive Member NABI during 2022-25
- Dr. Rakesh Kain was Executive member APSI during 2021-24
- Dr. Piyush K. Thayal was Treasurer NABI during 2022-25

SEMINARS / CONFERENCES / WORKSHOPS

/CMEs ATTENDED BY THE FACULTY

- **Dr. Shalabh Kumar** attended APSICON 2020-21, 55th Annual conference of Association of Plastic Surgeons of India held during 22nd-24th October 2021
- **Dr. Durga Karki** attended International Woundcare con 2021, 14th Annual conference. The society of wound care & Research, Nov 13-14, 2021, Aligarh held during 13th -14th November 2021
- **Dr. Durga Karki** attended APSICON 2020-21, 55th Annual conference of Association of Plastic Surgeons of India, 22nd- 24th Oct 2021, Delhi held during 22nd-24th October 2021
- **Dr. Durga Karki** attended APBA, Asia Pacific Burn Association symposium on Postburn axillary and elbow contractures, 30th Sept 2021. held during 30th September 2021
- **Dr. Raman Tandon** attended APSICON 2021, 55th Annual conference of Association of Plastic Surgeons of India held during 22-24 Oct 2021
- **Dr. Deepti Gupta** attended APSICON 2021, 55th Annual conference of Association of Plastic Surgeons of India held during 22-24 Oct 2021
- **Dr. Amrita More** attended Ganga Hand & Microsurgery Operative Course 2021 held during 17-18th July 2021.

RESEARCH: THESIS (ONGOING)

- Dr. Samson Samuel. Bacteriological Profile of Sub Eschar space in third degree Burns. 2021 – 2023. (Guide-Dr Vishwa Prakash)
- Dr. Akhila Mohan. A Comparative study of the clinical outcome between Traditional and Functional end to side anastomosis in radio cephalic fistula for dialysis access. 2021 – 2023. (Guide- Dr Gupta K Gaurav)
- Dr. Akshara Shuchi. Role of Fibrin Glue in Split

Skin Graft take on Granulating Raw Area. 2021 – 2023. (Guide- Dr Sujata Sarabahi)

- Dr Chisel Bhatia. Comparison of anterior and posterior approach for axillary nerve neurotization in Brachial Plexus injuries. 2021 – 2023. (Guide- Dr Rakesh Kain)
- Dr Sameer Pundeer. Epidemiological profile of electrical burn injuries among pediatric population in tertiary burn center. 2021 – 2023. (Guide- Dr R.K.Srivastava/Dr Piyush K Thayal)
- Dr SiddeshRatkal. Interleukin 6 As a Predictive marker of sepsis in thermal burns. 2021 – 2023. (Guide- Dr Shalabh Kumar)
- Dr Shruti. K.Somani. Outcome of Proximally Based sural Neurocutaneous island flap for coverage of soft tissue defects around knee and upper two thirds of leg. 2021 – 2023. (Guide- Dr Shardendu Sharma)
- Dr Dharmala Nitesh reddy. Clinical Outcome in Fingertip Amputation Managed with Hatchet flap. 2021 – 2023. (Guide- Dr Raman Tandon)
- Dr Nemi Chand. Prospective Study of early active mobilization protocol following six-strand core repair for Flexor tendon injury. 2021-2023. (Guide- Dr Sunil Sharma)

RESEARCH: THESIS (COMPLETED)

- Dr. Talele Bhagyashri Bhalchandra. A comparative study of the Outcome of Split thickness skin graft Vs Local Flaps for Post Burn Breast Deformities. 2019- 2021. (Guide- Dr Shardendu Sharma)
- Dr Anshul Arya. A Comparative study of autologous fat grafting and fractional co2 laser with fractional co2 laser alone in post Burn Scar Management. . 2019- 2021. (Guide- Dr Shalabh Kumar)
- Dr. Haroor Momak Walia. Impact of Traditional Dressing Versus Silver Impregnated hand Glove Dressing on wound Healing and Hand Functional In Partial Thickness Hand Burn. 2019- 2021. (Guide- Dr. Piyush K Thayal)
- Dr. Pankaj. To Study the Association Between Serum creatinine Kinase Levels & Need of Amputation in Electrical Contact Burns. 2019- 2021. (Guide- Dr Raman Tandon)

- Dr. Sri Lakshmi. Rachuru. A Study on Facial Burns Epidemiology and Out Come Analysis at a Tertiary burn Care Centre. 2019- 2021. (Guide- Dr Gupta K Gaurav)
- Dr Anmol Thakur. To Study the Role of 3-Dimensional Template in Pre-operative planning of osteomies for surgical correction of Craniosynostosis. 2019- 2021. (Guide- Dr Rakesh Kain)
- Dr Archana . A Prospective Comparative Randomized Study Between Early Active & Early controlled Mobilization After Extensor Tendon Repair in Hand (Zone IV-VIII). 2019- 2021. (Guide- Dr Sunil Sharma)
- Dr Karthick G. Study of the Role of Ultrasound in Management of Post Burn Contracture of the Extermities. 2019- 2021. (Guide- Dr Upendra Sharma)
- Dr Ritu Samdyan. Study of Serum Lactate & Base Deficit as Prognostic Markers in Acute Burn Patients. 2019- 2021. (Guide- Dr Durga Kakri)
- Dr. Sukanya Gupta. Comparative Study Between Early Excision & Skin Grafting With & without Negative Pressure therapy in Burn Patients. 2019- 2021. (Guide- Dr Vinay Kumar Tiwari)

FUNDED SPECIAL GRANTS/PROJECTS DURING THE YEAR (ONGOING)

- A multicentre, multinational randomized controlled, open label study, performed in children with thermal burns to evaluate the efficacy and safety of Nexobrid as compared to standard of care

PUBLICATIONS OF FACULTY/ RESIDENTS

- Kumar S, Kain R, More A, Sheth S, Arumugam PK. Burns and COVID-19-Initial Experience and Challenges. J Burn Care Res. 2021 Aug 4;42(4):794-800. doi: 10.1093/jbcr/iraa217. PMID: 33367625; PMCID: PMC7799032.
- Divakar T., Srivastava R.K. Surface Ph and Acute Burn Wound Healing. Indian Journal of Burns. 2019;27:57-62
- Srivastava RK, Babu VS, Sharma MK. Burn Unit
- at ABVIMS and Dr. Ram Manohar Lohia Hospital,

New Delhi, India. Indian Journal of Burns. 2019;27:5-7.

- Aggarwal N, Srivastava R K. Impact of Covid-19 on Patient Trends and Outcome: Results from A Tertiary Care Burn and Plastic Unit in Northern India. Indian Journal of Plastic Surgery. 2021;54:172-176
- Srivastava R K, Ish P. The Initial Experience of Covid-19 Vaccination from a Tertiary care center of India. Monaldi Archives for Chest Diseases. 2021;91:1816.
- Karki D, Jesudas J, Muthukumar V: A surgical challenge: Reconstruction of post Fournier's gangrene large penoscrotal defects with pedicled gracilis muscle flap. Eur J Plast Surg. 2021;44:807.
- Dash S, Muthukumar V, Rajkumar R, Karki D.

Cryogenic: Refrigerant burns a rare occupational hazard. Workplace healthy and safety. 2021;69 (3):109-114

CHAPTERS IN BOOKS

- Sarabahi S, Gupta D. Guidelines for best clinical practices in burns management. In: Sanjay Mahendru, Sukhdeep Singh, RK Khazanchi, editors. Guidelines for best clinical practices in plastic surgery (e book). Dec 2021. P96-112
- Gupta R, Gupta D. Buttock and calf augmentation. In: Karoon Agarwal, Kuldeep Singh, Anil K Garg, Rakesh Kalra, K. Ramachandran, editors. Textbook of Plastic, Reconstructive and Aesthetic Surgery. Vol 6. Aesthetic Surgery



Sitting (Left to Right): Dr R K Srivastava, Dr V K Tiwari, Dr Shalabh Kumar, Dr Geetika Khanna, Dr Shardendu Sharma, Dr G M Bhardwaj, Dr Savita Arora

Standing 1st row (Left to Right): Dr Sujata Saurabh, Dr Sunil Sharma, Dr Deepak Nanda, Dr Piyush Thyal, Dr Raman Tandon, Dr Amita, Dr Rakesh Kain, Dr Upendra Sharma,

Standing 2nd row (Left to Right): Mr Ram, Dr Gaurav K Gupta, Dr Archana Prasad, Dr Komal Tripathi, Mrs Shashi Gupta

Department of Cancer Surgery

PRELUDE

Cancer has become a major public health problem globally as well as in India. Surgical management plays an important role in the management of most of the solid tumors. The cancer surgery department at VMMC & Safdarjung hospital is one of the oldest in this region of country. Presently the department offers both OPD & IPD services for screening, diagnosis, treatment and prevention of solid tumors. Currently the department of cancer surgery runs OPD on Tuesday and Thursdays with Operation services on Friday, Saturday and Monday. The Department has 24 IPD

beds, 2 major operation theaters . Apart from patient care the department is actively involved in teaching, training activities. In addition, department is contemplating to start post-doctoral course in the discipline of surgical oncology. Presently department has four seats of senior residents (non-academic) and four seats of junior residents.

FACULTY

- **Dr. Rakesh Kumar**, Professor & HOD
- **Dr. Naresh Sood**, SAG Officer



Department of Cardiothoracic & Vascular Surgery

PRELUDE

The journey of the Department of Cardiothoracic & Vascular Surgery began in Safdarjung Hospital in 1984. The department grew steadily and became a tertiary teaching department in 2008. In 2018, the department shifted from OPD block to the Super Specialty Block. The Department is located on 1st & 5th floor of the Super Specialty Block. The Department is equipped with dedicated 38 bedded Cardiothoracic ICUs, 80 bedded ward & 6 operational OR. OPD services are available on all weekdays. The surgical team provides full spectrum of cardiac (adult & pediatric), thoracic and vascular services. In 2019, structural heart valve programme in the form of TAVI, TEVAR was started along with the cardiologist. In addition, endovascular procedures are also being performed in collaboration with intervention radiologists. Initially, there were 2 M.Ch CTVS seats per year recognized by MCI, which increased to 5 per year in 2020. There is robust teaching programme which includes seminars, case presentations, journal club, mortality & morbidity review & supervised surgical training. Faculty & residents are actively

involved in research publications

Future plan:

- Robotic Cardiac Surgery
- Heart failure programme/ Cardiac Transplant
- Wet lab & simulation training
- Hybrid Operation Theatre

Patients seen in the OPDs/Tests done

- New Patients 2495
- Old patient 7230
- Total patient 9725

In-patient admission 401

FACULTY

- **Dr. Anubhav Gupta**, Professor & Head
- **Dr. Manju Gupta**, Assistant Professor
- **Dr. Madhur Kumar**, Assistant Professor
- **Dr. Ajit Kumar Padhy**, Assistant Professor
- **Dr. Khushwant Popli**, Assistant Professor
- **Dr. Subrata Pramanik**, Assistant Professor
- **Dr. Pallavi Purwar**, Assistant Professor
- **Dr. Mayank Yadav**, Assistant Professor

NEW ADDITION TO THE FACULTY

- **Dr. Subrata Pramanik**, Assistant Professor
- **Dr. Pallavi Purwar**, Assistant Professor
- **Dr. Mayank Yadav**, Assistant Professor
- **Dr. Madhur Kumar**, Assistant Professor

FACULTY MEMBERS WHO LEFT THE DEPARTMENT

- **Dr. Navnita Kisku**, Assistant Professor
- **Dr. Sudesh Kumar**, Assistant Professor

DISTINCTIONS ACHIEVED BY THE MEMBERS OF THE FACULTY AWARDS

- Gupta, Anubhav awarded Virtual Heart Team Training Program on 16th & 24th 2021

SEMINARS / CONFERENCES / WORKSHOPS/ CMEs ATTENDED BY THE FACULTY

Dr. Anubhav Gupta

- Robotic Case Observation at Bangalore on 23rd December 2021. (Robotic Training)
- 3rd Annual Conference of Cardiothoracic and Vascular Surgeons Progressive welfare association, Invited as National Faculty on 30th & 31st October 2021 at Hilton Garden Inn Gomti Nagar, Lucknow, U.P.
- 5th Annual Conference of the Society of Minimally Invasive Cardiovascular and Thoracic Surgeons of India (SMICTSI), Invited as a Faculty on 25th September 2021.
- Organized by NOTTO, 1st Batch of training course on the "Organ Donation Process" for Intensivists. Topic (Donation after Brain Death Vs Cardiac death key differences at 4th Floor, Training Hall, Sriramachari Bhawan, VMMC & Safdarjung Hospital Campus, New Delhi on 9th December 2021 at 04:00 pm.
- Indian Society for Heart and Lung Transplantation, participated as Faculty in the 2nd INSHLT Virtual Annual Meeting 2021 on 26th – 28th November 2021.
- Participated as Faculty in PATIENT BLOOD MANAGEMENT 2nd Edition, 06 Online sessions (06th Nov, 13th Nov, 20th Nov, 27th Nov, 04th Dec & 11th Dec 2021. (ONLINE) 23rd December, 2021

PUBLICATIONS OF FACULTY/ RESIDENTS

- Jadhav NU, Padhy A, Kumar M, Popli K, Khan F, Gupta A. Continuous Versus Intermittent Suture Technique in Vascular Anastomosis in cases peripheral Vascular Trauma. EJBPS. 2021; 8:410-414.
- Jadhav NU, Pramanik S, Munjal R, Gupta A, Mathur A, Kesharwani P. Single Institutional experience of management of penetrating trauma chest. Int Surg J. 2021;8(10):3122
- Kumar M, Pramanik S, Gupta A. Operative Management and Outcomes of Peripheral Vascular Trauma in Pediatric and Adolescent Population. Indian J VascEndovasc Surg 2021;8: S66-8.
- Kumar M, Choudhury AR, Garg P, Gupta A, Agarwal Y. Endovascular Management and Outcomes of Aortoiliac Occlusive Disease. Indian J VascEndovasc Surg 2021;8: S31-5.
- Kumar M, Pramanik S, Gupta A. Operative Management and Outcomes of Brachial Artery Revascularization Following Delayed Presentation of Traumatic Brachial Artery Injury: Surgical Persistence Rewarded. Int Surg J. 2021;8(6):1793-96.
- Kumar M, Padhy A, Munjal R, Gupta A. Short Term Clinical and Echocardiography Outcomes of Pericardiectomy in Constrictive Pericarditis. J Cardiovasc Thorac Res, 2021;13(2):169-173.
- Munjal R, Pramanik S, Padhy AK, Jadhav N, Gupta A. Superior Mediastinal tumour excision through upper partial sternotomy and chamberlain incision. Int Surg J. 2021;8(10):3116
- Tuli IP, Gupta A, Gupta A, Bharadwaj R, Kumar M. Successful Management of a Forgotten Goitre Presenting with Superior Vena Cava Compression. World Journal of ENT & Head-Neck Surgery, 2021;02(2):51-54

GUEST LECTURES DELIVERED BY THE FACULTY.

- **Dr. Anubhav** at 3rd Annual Conference of Cardio Thoracic & vascular Surgeon's welfare Associations on 30th & 31st October 2021

ANY SIGNIFICANT FACILITY CREATED IN THE CURRENT YEAR

- CTVS Lab, few blood investigations for IPD patients like Bio-Chemistry & Coagulation Profile
- Seminar hall for conducting academic programme, conferences, lectures, official meetings etc.

NAMES OF THE STUDENTS/RESIDENTS WHO HAVE ATTAINED DISTINCTIONS

- **Dr. Madhur Kumar**, 1st Runner Up (Award Paper) at 67th Annual Conference of Indian Associations of cardiovascular Thoracic Surgeons 26th -28th Feb. 2021.



Dr Khushwant Popli, Dr. Subrata Pramanik, Dr. Ajit Kumar Padhy, Dr. Anubhav Gupta, Dr Manju Gupta, Dr. Mayank Yadav, Dr. Madhur Kumar, Dr. Pallavi Purwar

Central Institute of Orthopaedics

PRELUDE

The Central Institute of Orthopedics has, since its inception carved a niche in the discipline by providing yeomans service to patients requiring tertiary care treatment in Orthopedics. The Department has produced a number competent orthopedicians and nurtured the academic spirit of its students, residents and faculty alike. With a footfall of hundreds of patients per day, the Department performs surgeries including Joint Replacement and Arthroscopy and has been awarded has awarded the NABH entry level certification for Orthopaedics.

Patientsseenin the OPDs/Testsdone

- NewPatient–36410
- Oldpatient–50912
- TotalPatient=87322

In-patientadmission/Testsdone

- Ward27-921
- Ward28-742
- Ward29-726
- Ward29-A-130
- Total= 2519

Total number of surgeries performed

Total Surgeries donein Emergency:28901

- Major operative Cases done inEmergency;2040
- Close Reduction & Plaster applications in Emergency:16842
- Total Intra articular injections given in Emergency:1105

Major Planned Surgeries in main OT:603

- MinorSurgery–678
- Arthroscopy–44

FACULTY

- **Dr. Varun Agarwal**, Medical Officer
- **Dr. Naval Bhatia**, Consultant & Assoc. Prof.
- **Dr. R.K. Beniwal**, Consultant & Professor
- **Dr. Tankes hwar Boruah**, Professor
- **Dr. R.K Chopra**, Director – Professor
- **Dr. Vikas Gupta**, Consultant & Professor
- **Dr. Ashish Jalman**, Professor
- **Dr. Divesh Jalan**, Assistant Professor
- **Dr. Loveneesh G Krishna**, Director – CIO

- **Dr. Shallendra Khare**, CMO (HAG Officer)
- **Dr. Narendra Kumar**, Director - Professor
- **Dr. Vivek Kumar**, Assistant Professor
- **Dr. Keshav Kumar**, Assistant Professor
- **Dr. Jatin Prakash**, Associate Professor
- **Dr. Arun Kumar Pandey**, Assistant Professor
- **Dr. Mohit Kr. Patralekh**, C.M.O.
- **Dr. Ashish Rustagi**, Associate Professor
- **Dr. B.P. Sharma**, Consultant & Professor
- **Dr. Deepak Kr. Sharma**, Professor
- **Dr. Atul Sareen**, Associate Professor
- **Dr. Sandeep Shaina**, Associate Professor
- **Dr. Ravi Sreenivasan**, Associate Professor
- **Dr. Jujhar Singh**, SMO
- **Dr. Jatin Talwar**, Professor
- **Dr. Vikas**, Associate Professor

ASSIGNMENT IN ACADEMIC ASSOCIATIONS:

- Dr. Tankeshwar Boruah as Section Editor (JCOT) in 2021
- Dr. Jatin Prakash as Associate Editor (JCOT) in 2021
- Dr. Jatin Talwar as Associate Editor (JCOT) in 2021

SEMINARS / CONFERENCES / WORKSHOPS / CMEs HELD IN THE DEPARTMENT.

Orthopaedics Trauma Association – Best of Orthopaedic techniques international live held in April, 2021

SEMINARS / CONFERENCES / WORKSHOPS / CMEs ATTENDED BY THE FACULTY

- Dr. Beniwal R.K. Attended Annual conference of Delhi Orthopaedic Association (DOACON) – LHMC. 27-Nov, 2021 – 28-Nov, 2021
- Dr. Jalan Divesh. Attended Annual conference of Delhi Orthopaedic Association (DOACON) – LHMC. 27-Nov, 2021 – 28-Nov, 2021
- Dr. Khare Shailendra . Attended Annual conference of Indian Orthopaedic association - GOA. Dec-21
- Dr. Singh Jujhar . Attended Annual conference of Indian Orthopaedic association - GOA. Dec-21
- Dr. Talwar Jatin. Attended Annual conference of Delhi Orthopaedic Association (DOACON) – LHMC. 27-Nov, 2021 – 28-Nov, 2021

RESEARCH: THESIS (ONGOING)

- Dr Prashant Sharma. Evaluation of functional outcome of Percutaneous Herbert screw fixation in treatment of Jones Fracture. 2020-2022. (Guide-Dr Loveneesh G Krishna)
- Dr Protik Mukherjee. Clinico-radiological outcome of patellar fracture treated with fixed angle locking plates. 2020-2022. (Guide-Dr Loveneesh G Krishna)
- Dr Prashant Bajaj. Comparative study between casting and corticosteroid injection for De-Quervains Tenosynovitis. 2020-2022. (Guide-Dr R. K. Chopra)
- Dr Shiva Singh. Functional and Radiological evaluation of non-operative treatment of proximal humerus fracture. 2020-2022. (Guide-Dr R. K. Chopra)
- Dr Amit Manjunatha Hegde. Study of hamstring flexibility in patients with chronic low back pain and comparison with normal individuals. 2020-2022. (Guide-Dr R. K. Chopra)
- Dr Nilesh Verma. Determination of the incidence and outcome of intercarpal ligament lesions associated with fractures of the distal radius. 2020-2022. (Guide-Dr B. P. Sharma)
- Dr Abhishek Sengupta. Effect of age, sex and body mass index on size, shape, stage and depth of osteochondral lesions of medial femoral condyle in Indians of 5-19 years. 2020-2022. (Guide-Dr B.P.Sharma)
- Dr Gaurav Gupta. An evaluation of various factors affecting the outcome of clubfoot treatment by standard Ponseti method in a tertiary care hospital. 2020-2022. (Guide-Dr Vikas Gupta)
- Dr Sumit Kr Yadav . Evaluation of the effect of physical therapy on gait and functional scoring in patients with cerebral palsy. 2020-2022. (Guide-Dr Vikas Gupta)
- Dr Mohamed Ameen. Factors influencing the success of non operative management in lumbar disc herniation in young adults. 2020-2022. (Guide-Dr Vikas Gupta)
- Dr Shivaraj B Sajjan. Evaluation of clinical outcome of acute acetabular fractures treated surgically in a tertiary care hospital. 2020-2022.

(Guide-Dr R. K. Beniwal)

- Dr Prashant Singh. Evaluation of clinical outcome of acute floating knee injury managed surgically in a tertiary care hospital. 2020-2022. (Guide-Dr R. K. Beniwal)
- Dr Ayush Raj. Evaluation of causes of chronic back pain in patient presenting to Central Institute of Orthopaedics at Safdarjung Hospital. 2020-2022. (Guide-Dr Narendra Kumar)
- Dr Anish Jindal. Evaluation of intra-operative fluoroscopic skyline view of wrist as a tool to avoid dorsal cortex penetration during plating of distal radius fractures. 2020-2022. (Guide-Dr Jatin Talwar)
- Dr Pulkit Gupta. A study on morphological changes in paraspinal muscles in low back pain patients with unilateral lumbar disc herniation . 2020-2022. (Guide-Dr Tankeshwar Boruah)
- Dr Anmol Kankane. Evaluation of clinico-radiological outcome of conservative treatment in patients with partial-thickness rotator cuff tears. 2020-2022. (Guide-Dr Deepak Kumar Sharma)
- Dr Jaskaran Singh. Study of cervical spine alignment in cervical spondylosis. 2020-2022. (Guide-Dr Sandeep Shaina)

RESEARCH: THESIS (COMPLETED)

- Dr. Pushprajan. Evaluation of radiological parameters in pre and post lumbar spondylolisthesis surgeries . 2019-2021. (Guide - Dr. Ramesh Kumar)
- Dr. Deepak Kumar Saini. Comparison of pedicle screw fixation by transfascial paraspinal approach through midline skin incision and conventional open approach in traumatic dorsal and lumbar spine fractures. 2019-2021. (Guide - Dr. Ramesh Kumar)
- Dr. Khushal Gupta. Comparison of Ganga Hospital open injury severity score and mess score for prognostication in prediction of future amputation . 2019-2021. (Guide - Dr. L.G. Krishna)
- Dr. Bhupender Khatri. Role of CT guided bone marrow injection in postoperative cases of fracture fixation with non- union in long bones. 2019-2021. (Guide - Dr. L.G. Krishna)

- Dr. Nitin Kumar. Evaluation of medical open wedge high Tibial osteotomy in osteoarthritis of knee. 2019-2021. (Guide - Dr. R.K. Chopra)
- Dr. Sajal Maingi. Evaluation of combined use of precontoured locking distal clavicle plate and tunnelled suspensory device fixation for unstable lateral and clavicle fracture . 2019-2021. (Guide - Dr. R.K. Chopra)
- Dr. Manish Attri. Prediction of intraoperative hamstring size and ACL, tibial insertion size using magnetic resonance imaging in patients undergoing ACL reconstruction surgery . 2019-2021. (Guide - Dr. B.P. Sharma)
- Dr. Tejaswi B.G.. Comparative study between single row and double row arthroscopic repair of rotator cuff tear . 2019-2021. (Guide - Dr. B.P. Sharma)
- Dr. Harshith Patel C.. Study of comparison of oral and injectable Vitamin D therapy in nutritional rickets . 2019-2021. (Guide - Dr. Vikas Gupta)
- Dr. Amit Kumar Jha. Study the role of teriparatide in post operative delayed union and non union of long bone fractures . 2019-2021. (Guide - Dr. R.K. Beniwal)
- Dr. Purusharth Yagnik. Comparison of vertical oblique and posteromedial methods of harvesting hamstring graft in anterior cruciate ligament reconstruction surgery . 2019-2021. (Guide - Dr. Davinder Singh)
- Dr. Syed Sahil Ali. Assessment of Variatin in non specific inflammatory markers and body temperature after hip and knee arthroplasties and their correlation with associated post operative infection . 2019-2021. (Guide - Dr. Narendra Kumar)
- Dr. Deepanshu Mittal. Evaluation of spine hip relations and its correlation as guide to total hip arthroplasty . 2019-2021. (Guide - Dr. Jatin Talwar)
- Dr. Gnanaprakash G. Study of efficacy and safety of percutaneous pedicle screw fixation of thoracolumbar vertebral fractures. 2019-2021. (Guide - Dr. Tankeswar Boruah)

FUNDED SPECIAL GRANTS/PROJECTS DURING

THE YEAR (ONGOING)

- Dr. Loveneesh G Krishna. To Study the effect of yoga therapy in reducing the pain, improving walking time and quality of life in the management of O A Knee – A randomized prospective control study. Funded by Ministry of Ayush.

PUBLICATIONS OF FACULTY/RESIDENTS

Dr. Loveneesh G Krishna

- Rustagi A, Krishna LG, Agarwal S, Talwar J, Kumar V. A study in Indian population correlating the diagnostic accuracy of clinical examination and mri in acl meniscus injuries; Paripex- Indian Journal of Research Vol. 10, Issue 5, May-2021, 1-3.
- Goel N, Talwar J, Agarwal S, Krishna LG, Rustagi A. A comparative study between intralesional platelet rich plasma injection and extracorporeal shockwave therapy for the treatment of plantar fasciitis. Journal of Arthroscopy and Joint Surgery. 2021 Jul 1;8(3):246-52.
- Kumar A, Krishna LG. Interpositional elbow arthroplasty using fascia lata autograft in stiff elbow: Case series of 8 patients. Journal of Clinical Orthopaedics and Trauma. 2021 Jun 1;17:201-13.
- Singh DK, Boruah T, Sharma A, Khanna G, Krishna LG, Kumar N. Comparative analysis of CT guided vertebral biopsy by a conventional bone biopsy needle versus bone biopsy needle with acquisition cradle. Journal of Clinical Orthopaedics and Trauma. 2021 Aug 1;19:231-6.
- Rustagi A, Sen S, Prasad R, Krishna L, Talwar J. Recurrent Epithelioid Hemangioendothelioma of Calcaneum: A Case Report of a Rare Tumor. Cureus. 2021 Jun 30;13(6).
- Rustagi A, Krishna L, Agarwal S, et al. A Study in Indian Population Correlating the Diagnostic Accuracy of Clinical Examination and MRI in ACL and Meniscal Injuries; PIJR Vol: X, Issue: V, May-2021; (Index Medicus)
- Rustagi A, Krishna L, Agarwal S, et al. Correlational of Clinical, MRI and Arthroscopic Findings in Anterior Cruciate Ligament and Meniscal Injuries: A prospective Study in Indian Population. Peripaex - Indian Journal of Research

- Vol-10, Issue-05, May, 2021

- Kumar V, Rustagi A, Talwar J, Yadav R, Krishna LG. Clinical and functional outcomes of reconstruction following en bloc resection for the Campanacci grade III distal ulnar giant cell tumors. Journal of Orthopaedics, Trauma and Rehabilitation. 2022 Jun; 29(1): 22104917221101407.
- Agarwal S, Krishna LG, Agarwalla A, Talwar J, Rustagi A. Lateral buttress plate along with cancellous screw fixation for Hoffa fracture using swashbuckler approach. Indian Journal of Orthopaedics. 2021 Jun;55(3):780-5.
- Gupta Khushal, Bhardwaj Rahul, Singh Mohit, Talwar Jatin, Krishna L.G. A Hospital based prospective study to assess the Outcome of the Trauma patients with tibia fractures treated with the primary fixation using rail road system. International journal of Health and clinical research, 2021;4(13):1-4
- Gupta K, Bharadwaj R, Khatir B, Krishna LG. Incidence rate and epidemiology of cervical spinal injuries and management in tertiary care hospital of Delhi: A institutional based retrospective study. Advances in Human Biology. 2021 Sep 1;11(3):262.
- Verma JS, Libertin CR, Gupta Y, Khanna G, Kumar R, Arora BS, Krishna L, Fasina FO, Hittner JB, Antoniadis A, Van Regenmortel MH. Multi-cellular immunological interactions associated with COVID-19 infections. Frontiers in immunology. 2022 Feb 24;13:794006.

Dr. B.P. Sharma

- Mishra RK, Sharma B Prasad, Kumar A, Sherawat R. A comparative study of variable angle volar plate and bridging external fixator with K-wire augmentation in comminuted distal radius fractures. Chinese Journal of Traumatology. 2021 Sep 1;24(05):301-5.

Dr. Vikas Gupta

- Behera P, Gupta V, Mishra N, Jain A. Challenges in establishing a new clubfoot clinic at a public hospital: an appraisal of the initial 384 cases. SN Comprehensive Clinical Medicine. 2021 Feb;3(2):632-6.

- Goyal A, Gupta V, Goyal M, Chandra R, Sharma VK. Genu valgum deformity— correction by a wedgelessimplantless femoral “V” osteotomy. *Acta OrthopaedicaBelgica*. 2021 Jun 1;87:247-54.
- Gupta V, Champawat V, Behera P, Garnayak S. An Uncommon Complication of Ankle Varus During Tibial Transport in an Ilizarov Frame: A Case Report. *JBJS Case Connector*. 2021 Oct 1;11(4):e21.

Dr. Narendra Kumar

- Kumar N, Sahu BK, Sharma DK. Functional Outcome of Tibial Plate Fracture Treated by Locking Compression Plate-A Prospective Study. *Reviews in Clinical Medicine*. 2021 Oct 1;8(4).

Dr. Ashish Jaiman

- Taneja A, Jaiman A, Chopra RK. Flexible reamers for primary anatomical ACL reconstruction-a systematic review. *Journal of Arthroscopy and Joint Surgery*. 2021 Apr 1;8(2):108-15.
- Jaiman A, Tiwari L, Prakash J, Jaiman A. A practical approach to diagnose and treat rickets. *Journal of Clinical Medicine of Kazakhstan*. 2021 Jan 21;18(1):7-13.
- Tungoe BN, Chopra RK, Kumar CR, Agarwal Y, Yatish A, Jaiman A, Ashish J. Role of ultrasound and electro-diagnostic studies in the diagnosis of carpal tunnel syndrome: A comparative study. *Pediatric Traumatology, Orthopaedics and Reconstructive Surgery*. 2021 Mar 15;9(1):29-39.
- Ranjan R, Rampal S, Jaiman A, Tokgöz MA, Koong JK, Ramayah K, Rajaram R. Common musculoskeletal disorders in chronic liver disease patients. *Joint diseases and related surgery*. 2021 Dec;32(3):818.

Dr. Jatin Talwar

- Arora S, Kumar M, Khan Y, Bansal N, Gupta S, Talwar J, Kumar V, Maini L. Spontaneous subcapital femoral neck fracture complicating osteonecrosis of femoral head. *Acta OrthopaedicaBelgica*. 2021 Mar 1;87:1-2021.
- Agarwal S, Krishna LG, Agarwalla A, Talwar J, Rustagi A. Lateral buttress plate along with cancellous screw fixation for Hoffa fracture using swashbuckler approach. *Indian Journal of Orthopaedics*. 2021 Jun;55(3):780-5.

- Agarwal A, Rastogi A, Talwar J, Deo NB, Rastogi P. Unilateral limb orthosis for maintenance of deformity correction following treatment of clubfoot with Ponseti technique: a systematic review. *Journal of Pediatric Orthopaedics B*. 2021 Aug 17;31(2):e195-201.
- Goel N, Talwar J, Agarwal S, Krishna LG, Rustagi A. A comparative study between intralesional platelet rich plasma injection and extracorporeal shockwave therapy for the treatment of plantar fasciitis. *Journal of Arthroscopy and Joint Surgery*. 2021 Jul 1;8(3):246-52.
- Gupta Khushal, Bhardwaj Rahul, Singh Mohit, Talwar Jatin, Krishna L.G. A Hospital based prospective study to assess the Outcome of the Trauma patients with tibia fractures treated with the primary fixation using rail road system. *International journal of Health and clinical research*, 2021;4(13):1-4

Dr. Tankeshwar Boruah

- Singh DK, Boruah T, Sharma A, Khanna G, Krishna LG, Kumar N. Comparative analysis of CT guided vertebral biopsy by a conventional bone biopsy needle versus bone biopsy needle with acquisition cradle. *Journal of Clinical Orthopaedics and Trauma*. 2021 Aug 1;19:231-6.

Dr. Deepak Kumar Sharma

- Kumar N, Sahu BK, Sharma DK. Functional Outcome of Tibial Plate Fracture Treated by Locking Compression Plate-A Prospective Study. *Reviews in Clinical Medicine*. 2021 Oct 1;8(4).

Dr. Atul Sareen

- Guha M, Lal H, Boruah T, Kumar S, Sareen A, Patralekh MK, Kumar R, Khanna G. Clinico-radio-histopathological correlation by c-arm image-guided biopsy in spinal tuberculosis. *Indian Journal of Orthopaedics*. 2021 Aug;55(4):1028-36.
- Sareen A, Prakash J. Prevalence of Hamstring Tightness in Young Orthopaedic Surgeons. *Journal of Clinical & Diagnostic Research*. 2021 Jun 1;15(6).

Dr. Ashish Rustagi

- Goel N, Talwar J, Agarwal S, Krishna LG, Rustagi A. A comparative study between

intralesional platelet rich plasma injection and extracorporeal shockwave therapy for the treatment of plantar fasciitis. *Journal of Arthroscopy and Joint Surgery*. 2021 Jul 1;8(3):246-52.

- Rustagi A, Chauhan M, Aggarwal S. Medico-legal perspective of informed consent in vulnerable. *International Journal of Medical Toxicology & Legal Medicine*. 2021;24(1and2):171-4.
- Krishna LG, Rustagi A, Kumar N, Kumar V, Singh DK. Computed tomography guided radiofrequency ablation of osteoid osteoma in technically challenging locations: tracking through the opposite cortex. *Indian J Musculoskeletal Radiol*. 2021 Jan;3(1):34-8.
- Rustagi Ashish, Krishna Loveneesh G, Agarwal Sarang, Talwar Jatin, Kumar Vivek. A study in indian population correlating the diagnostic accuracy of clinical examination and mri in ACL meniscus injuries. *Paripex - Indian journal of research*. Vol.10, issue 5, may-2021, 1-3

Dr. Ravi Sreenivasan

- Sreenivasan R, Mohite A, Garg K, Borkar SA, Kale SS. Delayed Epidural Hematoma Following Cervical Laminoplasty. *Journal of Spinal Surgery*. 2021 Oct 1;8(4):35.

Dr. Divesh Jalan

- Jha AK, Jalan D, Beniwal RK. Tubercular Osteomyelitis of Pubis with Labial Abscess: A Rare Presentation of a Common Disease. *Journal of Orthopaedic Case Reports*. 2021 Dec;11(12):22.
- Jalan D, Gupta A, Elhence A, Nalwa A, Bharti JN, Elhence P. Primary aneurysmal bone cyst of the calcaneum: A report of three cases and review of literature. *The Foot*. 2021 Jun 1;47:101795.
- Jalan D, Saini MK, Elhence P, Elhence A, Jain P. Calcaneal osteomyelitis caused by *Acremonium* sp in an immunocompetent adult—A case report. *The Foot*. 2021 Jun 1;47:101781.

FULL PAPERS IN THE CONFERENCE PROCEEDINGS

Dr. Ravi Sreenivasan

- Sreenivasan R, Mohite A, Garg K, Borkar SA, Kale SS. Delayed epidural hematoma following

cervical laminoplasty. *J Spinal Surg* 2021;8:35-8

Book Chapters

Faculty Name: Dr. Ravi Sreenivasan

- Borkar SA, Sreenivasan R, Mahapatra AK. Cervical Split Cord Malformations. In: Mahapatra AK, Borkar SA et al. Eds, *Split Cord Malformations* 1st ed. Thieme Publishers, India, 2021.
- Sreenivasan R, Borkar SA. Primary Vertebral Tumors. In: Thamburaj VA, Behari S. et al. Eds, *Comprehensive Neurosurgery* 1st ed. Bohr Publishers, India, 2021.
- Aggarwal AN, Sreenivasan R. Evaluation of the locomotor system. In: Gupta P. editor, *Clinical Methods in Pediatrics* 5th Ed. New Delhi, India: CBS Publishers 2021

GUEST LECTURES DELIVERED BY THE FACULTY

- **Dr. Jatin Talwar**-Guest lecture on Anterior Reduction Techniques in fracture Acetabulum.
- **Dr. Vikas Gupta**- POF Meeting, Guest lecture on Cubitus Varus

EXTERNAL ASSIGNMENTS OF SIGNIFICANCE

- Dr. Ashish Rustagi appointed as Orthopaedics Expert on the panel of National Human Rights Commission

SIGNIFICANT FACILITY CREATED IN THE CURRENT YEAR

- OT integrated system installed in Main Ortho OT, 3rd floor

DISTINCTIONS ATTAINED IN SPORTS AND EXTRA CURRICULAR ACTIVITIES

- Dr. Jatin Talwar, Professor participated in the Inter – Ministry Table Tennis tournament on behalf of MoHFW and stood 4th in Team event (Nov, 2021)

SIGNIFICANT ACHIEVEMENTS DURING THE YEAR

The total functioning beds in CIO are 220 at present. The IPD and OPD cases load for the calendar year 2021 is IPD cases in CIO are 535 patients & OPD cases are 198509 patients. During the calendar year around 573 major surgeries / procedures were performed. CIO has also running services for patient's welfare schemes like – Geriatric OPD, Sunday General OPD, e-Sanjeevani OPD, which have been

implemented successfully.

CIO is providing Free Trauma implants for all patients attending Trauma emergency and main OPD; no other institute is providing this facility. We have also increase

in number of functional main OT from 15 to 24 tables / week. CIO has awarded the NABH entry level certification for Orthopaedics including Joint Replacement and Arthroscopy & NABL for CIO Lab.



Sitting (L-R): Dr. R. K. Beniwal, Dr. Vikas Gupta, Dr. Narender Kumar,
Dr. L. G. Krishna, Dr. R. Chopra, Dr. B. P. Sharma

Standing 1st row (L-R) Dr. Divesh Jalan, Dr. Deepak Sharma, Dr. Jatin Talwar,
Dr. Ashish Jaiman, Dr. Ashish Rustagi, Dr. Sandeep Shaina

Standing 2nd row (L-R): Dr. Vikas, Dr. Jatin Prakash, Dr. Ravi Srinivasan, Dr. Tankeshwar Boruah

Department of Dental Surgery

PRELUDE

The department provides routine clinical Dental services such as root canal treatment, extraction of teeth, prosthodontics services, restoration of teeth, periodontal treatment, etc. The department has average patient attendance of 300 daily.

FACULTY

- **Dr. Bhardwaj G. M.**, Professor, and HOD- Dental Surgery
- **Dr. Jain Anurag**, Staff surgeon (NFSG) & Professor
- **Dr. Mutneja Parul, Jr.** Staff Surgeon & Asst. Professor

APPOINTMENT OF FACULTY TO HIGHER POSTS/ ASSIGNMENT OUT SIDE:

PROMOTIONS

- **Dr. Mutneja Parul**, Junior staff surgeon

SEMINARS/ CONFERENCES/ WORKSHOPS/ CMEs ATTENDED BY THE FACULTY

- **Dr. G. M. Bhardwaj**. International Association of Oral & Maxillofacial Surgeons. Online CME on various dates.

SIGNIFICANT ACHIEVEMENTS DURING THE YEAR:

- Geriatric dental services started in august 2021.



(Left to Right): Dr. Shivangi Maletia , Dr.Parul Mutneja, Dr. Anurag Jain, Dr. G.M Bhardwaj

Department of General Surgery

PRELUDE

- The department of General Surgery is catering to all types of conventional and advance laparoscopic surgical procedures planned as well as emergency including advanced trauma management. It caters to all referred and new cases from adjoining states and complicated cases referred from adjoining states for both emergency as well as planned surgeries. The department is also extending its specialized services for venous disorders, Diabetic foot clinic, Breast & Endocrine surgery clinic, and is in the process of developing Bariatric Surgical facilities and skill lab. The department also supports various research activities in the department and in various other department of the hospital. The department also runs various academic activities in form of regular CMEs, conferences and PG teaching classes. The department also boasts off very dynamic faculty members and provides a framework and support system for career development of junior faculty and paramedic staff.

FACULTY

- **Dr. V.C. Aggarwal**, Sr. CMO, Professor & HOD
- **Dr. Jainendra Kr.Arora**, Professor
- **Dr. S.V. Arya**, Consultant & Professor
- **Dr. Rohit Bansal**, Assistant Professor
- **Dr. Vidyasagar Chaturvedi**, Assistant Professor
- **Dr. A.S. Chawla**, Consultant & Professor
- **Dr. Raj Kumar Chejara**, Consultant & Professor
- **Dr. Chintamani**, Consultant & Professor
- **Dr. I. B. Dubey**, Associate Professor
- **Dr. Dheer Singh Kalwanliya**, Assistant Professor
- **Dr. Sunil Kumar**, Professor of Excellence
- **Dr. Meghraj Kundan**, Associate Professor
- **Dr. N. S. Mandal**, Professor
- **Dr. Shivani B. Paruthy**, Consultant & Professor
- **Dr. T. Lirangla Sangtam**, Specialist Gr.II
- **Dr. Ashok Kr. Sharma**, Sr. Surgeon & Professor
- **Dr. Arun Kr. Singh**, Associate Professor
- **Dr. R.K. Soni**, Consultant & Professor

- **NEW ADDITION TO THE FACULTY**
- **Dr. Vidyasagar Chaturvedi**, Assistant Professor
- **FACULTY MEMBERS WHO LEFT THE DEPARTMENT**
- **Dr. Rishikesh Kumar**, Assistant Professor
- **Dr. Jaspreet Singh Bajwa**, Assistant Professor
- **Dr. Arun Anand**, Assistant Professor

ASSIGNMENT IN ACADEMIC ASSOCIATIONS:

Dr. Chintamani

- International surgical advisor royal college of surgeons Edinburgh, UK 2021-24
- Member – Academy of master surgeon educators' American college of surgeons, 2020-25
- Founder Chair- Breast Global

DISTINCTIONS ACHIEVED BY THE MEMBERS OF THE FACULTY AWARDS

Dr. Chintamani

- National Academic Excellence Award – Indian medical association, 05 September, 2021
- Awarded India Prestigious sarms associate surgeon of Assam chapter – 2021, 2021

Dr. Ashok Kr. Sharma

- Awarded for commendable work by Head of Institute in 2021, 2021

SEMINARS / CONFERENCES / WORKSHOPS /CMEs HELD IN THE DEPARTMENT.

- Clinical Meeting of Delhi State Chapter of ASI, August 2021

SEMINARS / CONFERENCES / WORKSHOPS/ CMEs ATTENDED BY THE FACULTY

Dr. Chintamani

- American college of Surgeons annual conference, 10 October, 2021
- ASOMACON -2021, Raipur (Asian society of Mastology), 05 November, 2021
- Breast Global annual conference, 30 October, 2021, Conference of ICGA– 2021, 2021

RESEARCH: THESIS (ONGOING)

- Dr. G. Pawan Kumar, Evaluation of clinical outcome of ultrasound guided percutaneous catheter drainage in patients with breast abscess. 2020-2023 (Guide -Dr. S.V.Arya)

- Dr. Aditya Gaurang Tolat Evaluation of wound closure related outcomes using barbed delayed absorbable (Polydioxanone) suture for abdominal wound closure after Laparotomy. 2020-2023 (Guide -Dr. S.V. Arya)
- Dr. V. Naga Rohith Evaluation of role of preoperative serum albumin level as a predictor of postoperative abdominal wound related complications after emergency abdominal surgery. 2020-2023 (Guide -Dr. S.V.Arya)
- Dr. Heena Praveen Evaluation of incisional negative pressure wound therapy in reducing superficial surgical site infections following reversal of Ostomy. 2020-2023 (Guide-Dr. A.S. Chawla)
- Dr. Sathyananthan M Prevention of fascial dehiscence using modified anterior component separation technique as an adjunct during primary midline closure following emergency laparotomy in generalized peritonitis. 2020-2023 (Guide-Dr. A.S. Chawla)
- Dr. Basani Mounika Utility of enhanced recovery after surgery (ERAS) pathway in the management of patients with lower limb necrotizing Fasciitis. 2020-2023 (Guide-Dr. A.S. Chawla)
- Dr. Ayushman Singh Rawat Evaluating the incidence and pattern of occult nodal metastasis in patients with head and neck Cancer. 2020-2023 (Guide-Dr. Chintamani)
- Dr. Mainak Ghose Comparing the accuracy of preoperative mammography and anthropometry in assessing breast volume in patients undergoing surgery for Breast carcinoma. 2020-2023 (Guide-Dr. Chintamani)
- Dr. Karan Barat Clinico-Pathological profile and surgical outcomes in malignant emergencies. 2020-2023 (Guide-Dr. Chintamani)
- Dr. Rajshree Verma Correlation of Severity scores (Apache II, SOFA, MPI) with the outcome in terms of mortality in patients with Tubercular perforation Peritonitis. 2020-2023 (Dr. V.C. Aggarwal)
- Dr. Anil Kumar Evaluation of topical 0.2% Glyceryl trinitrate ointment in treatment of Anal Fissure. 2020-2023 (Dr. V.C. Aggarwal)
- Dr. Vikas P Assessment of response to

neoadjuvant chemotherapy in locally advanced breast carcinoma using image guided clip placement. 2020-2023

- Dr. Sushant Tanwar Evaluation of Negative Pressure wound therapy in the management of Fournier's Gangrene. 2020-2023(Guide-Dr. Shivani B Paruthy)
- Dr. Deepak Kumar Evaluation of the tumor infiltrating lymphocytes as predictors of response to Neoadjuvant Chemotherapy in patients with locally advanced Breast Carcinoma. 2020-2023 (Guide-Dr. Shivani B Paruthy)
- Dr. Soni Pal Absolute eosinophil count, C-Reactive protein and procalcitonin levels as prognostic markers in patients with perforation peritonitis. 2020-2023 (Guide-Dr. R.K. Soni)
- Dr. Ajit Sheoran Post-operative inflammatory response following endogenous radiofrequency Ablation in Varicose veins. 2020-2023 (Guide-Dr. R.K. Soni)
- Dr. Rohitash Singh Comparison of Tzanaki score and Alvarado score in diagnosis of Acute Appendicitis. 2020-2023(Guide-Dr. R.K. Soni)
- Dr. Bhriugu Prajapat Evaluation of factors predicting successful outcome in patients undergoing expectant management of uncomplicated acute Appendicitis. 2020-2023 (Guide- Dr. Raj Kumar Chejara)
- Dr. Keshav Verma Evaluation of the clinical outcome of repeated USG guided percutaneous aspirations in patients of small Breast Abscess. 2020-2023(Guide- Dr. Raj Kumar Chejara)
- Dr. Arun R.K. Bacteriological flora and its antibiotic sensitivity in Secondary Peritonitis. 2020-2023(Guide- Dr. Ashok Kr. Sharma)
- Dr. Reena Meena Evaluation of the diagnostic accuracy of alvarado, adult appendicitis score (AAS) and appendicitis inflammatory response score (AIR) in Acute Appendicitis. 2020-2023(Guide- Dr. Ashok Kr. Sharma)
- Dr. Srishti Dixit Prediction of mortality in surgical patients with sepsis using red cell distribution width and Platelet Indices. 2020-2023 (Guide- Dr. Jainendra Kr. Arora)
- Dr. Rajen Rajak Evaluation of the incidence of

surgical site infections following elective surgeries at a Tertiary care center. 2020-2023 (Guide- Dr. N.S. Mandal)

- Dr. Saakshie Kumar Evaluation of open (Hasson's) and closed (verses) Technique of Intraperitoneal access for creation of Pneumoperitoneum in Laparoscopic surgery. 2020-2023 (Guide-Dr. I.B. Dubey)

RESEARCH: THESIS (COMPLETED)

- Dr. V. Arun Kumar Naik A comparative study to evaluate the role of subcutaneous drains in reducing surgical site infections in emergency laparotomies. 2019-2022(Guide- Dr. S.V. Arya)
- Dr. Nipun Singla A comparative study to evaluate the effect of active versus passive release of CO2 gas on postoperative outcomes of laparoscopic cholecystectomy. 2019-2022(Guide- Dr. S.V. Arya)
- Dr. Mayank Verma A prospective study of laparoscopic versus open repair of paraumbilical hernia. 2019-2022(Guide- Dr. S.V. Arya)
- Dr. Damalapati Venkatesh Study of component separation technique as a method of early fascial closure in open abdomen following emergency laparotomy. 2019-2022(Guide- Dr. A.S. Chawla)
- Dr. Srishti Comparison of conventional repair VS modified Rive's Stoppa technique (using self-fixating mesh and sealant) in incisional hernioplasty. 2019-2022 (Guide- Dr. A.S. Chawla)
- Dr. Rohan Goel Study of SABP score and serial intra-abdominal pressure (IAP) measurement as early predictors of severity in acute pancreatitis. 2019-2022(Guide- Dr. A.S. Chawla)
- Dr. Aswin P (Evaluation dual dye (methylene blue and fluorescein) technique for axillary reverse mapping and sentinel lymph node biopsy to assess axilla in patients with breast cancer 2019-2022 (Guide- Dr. Chintamani)
- **Dr. Garima Tayagi** Assessing the aesthetic outcome and quality of life following oncoplastic using local perforator flaps in patients with breast cancer. 2019-2022 (Guide- Dr. Chintamani)
- **Dr. Rajguru Siwach.** The use of apache II and C-reactive protein/ albumin ratio to predict morbidity and mortality in patients undergoing emergency

exploratory laparotomy. 2019-2022 (Guide- Dr. Chintamani)

- **Dr. Pradeep M S** Correlation of plasma D-Dimer levels in breast cancer patients with its clinicopathological stage and hormone receptor status. 2019-2022 (Guide- Dr. V.C. Aggarwal)
- **Dr. Himanshu Lohia.** Comparative study between early and delayed stoma closure in patients with temporary defunctioning ileostomy following perforation peritonitis. 2019-2022 (Guide- Dr. V.C. Aggarwal)
- **Dr Sourish Mukherjee** Evaluation of clinical, laboratory and operative parameters in predicting surgical outcome in perforated peptic ulcer patients 2019-2022 (Guide- Dr. Shivani B Paruthy)
- **Dr. Era Yadav** Comparative evaluation of pain in Lichtenstein inguinal hernia repair versus totally extra peritoneal laparoscopic inguinal hernia repair. 2019-2022 (Guide- Dr. Shivani B Paruthy)
- **Dr. Tulsi Appat B** Evaluation of histopathological findings in great saphenous vein after using monopolar cautery. 2019-2022 (Guide- Dr. Shivani B Paruthy)
- **Dr. Vinaysheel Priyadrashi.** Evaluating the values of serological biomarkers in bowel obstruction as predictors of strangulation. 2019-2022 (Guide- Dr. R.K. Soni)
- **Dr. Tanneru Raga Sai Prudhvi Raju** Comparative study of superoxidised solution and normal saline peritoneal lavage in preventing surgical site infection following emergency exploratory laparotomy in peritonitis cases. 2019-2022 (Guide- Dr. R.K. Soni)
- **Dr. Anant Singh** To study the efficacy of trauma and injury severity score (triss) to predict survival in patients of polytrauma. 2019-2022 (Guide- Dr. Raj Kumar Chejara)
- **Dr. Ashish Giri** Study of testicular vascularity after totally extraperitoneal repair (tep) in inguinal hernia. 2019-2022 (Guide- Dr. Ashok Kr. Sharma)
- **Dr. Sabhari Haran Sivakumar** Short term results of laparoscopic total extraperitoneal repair for inguinal hernia using lightweight mesh. 2019-2022 (Guide- Dr. Jainendra Kr. Arora)

- **Dr. Kayyuri K. Ramteja** Comparative evaluation of surgical outcome in single layered versus double layered anastomosis of small bowel. 2019-2022 (Guide- Dr. I.B. Dubey)

PUBLICATIONS OF FACULTY/ RESIDENTS

- Monish Raj, S.V. Arya, Rohit Choudhary, Vignesh Mani. Management of Breast Abscess by Open Drainage with primary closure versus standard incision and drainage- A Randomised clinical Trial. *J Clin Diagnostic Res.* 2021;15(5):PC05-PC08.
- Vignesh Mani, S.V. Arya, Ankit Bhatia, Rohit Chaudhary, Monish Raj. Evaluation of conservative management in uncomplicated acute appendicitis. *Int J Res Med Sci.* 2021;9(9):2618-2623.
- Avneet S. Chawla. Repair of giant inguino-scrotal hernia with loss of domain using minimally invasive anterior component separation technique combined with Lichtenstein tension-free mesh hernioplasty. *Int Surg J.* 2021;8(1):406-410.
- Chebrolu H, Muniswamappa C, Kumar N, Chintamani, Varma V. Outcomes of Management of Patients with Acute Mesenteric Ischemia: A Prospective Study. *Niger J Surg.* 2021;27(1):16-21.
- Chintamani. Intra-operative specimen ultrasonography: Is it a reliable tool for margin assessment doing breast conservative surgery for breast carcinoma. *Cureus.* 2021;21(13).
- Priyadarshi V, Chintamani. Sliding Inguinal Hernia in a Case of Fournier's Gangrene: A Rare Case. *Int J Appl Basic Med Res.* 2021;11(2):106-107.
- Anjuna Reghunath, Mahesh Kumar Mittal, Chintamani, Rajni Prasad. Novel approach in the evaluation of ultrasound BI-RADS 3 & 4 breast masses with a combination method of elastography & Doppler. *Indian J Med Res.* 2021;154(2):355-366.
- Shivani B. Paruthy. Parotid gland tuberculosis - presentation of 4 case variants. *Int Surg J.* 2021;8:984-987.
- Paruthy S, Paruthy SB. Nassar operative grade and ultrasonography prediction for difficult

laparoscopic cholecystectomy. *Int Surg J.* 2021;8(6):1734-1741.

- Chejara R et al. Evaluation outcome in patients of jejunal stone. *Int Surg J.* 2021; 8(3): 930-934.
- Vignesh Mani, Rajkumar Chejara, Ankit Bhatia, Rohit Chaudhary, Monish Raj. Evaluation of conservative management in uncomplicated acute appendicitis. *Int J Res Med Sci.* 2021;9(9):2618-2623.
- Anant Singh, Rajkumar Chejara, Aditya T. Study of the efficacy of trauma and injury severity score to predict survival in patients of polytrauma. *Int Surg J.* 2021;8(8):2301-2306.
- Monish Raj, Raj Kumar Chejara, Rohit Choudhary, Vignesh Mani. Management of Breast Abscess by Open Drainage with primary closure versus standard incision and drainage- A Randomised clinical Trial. *J Clin Diagnostic Res.* 2021;15(5):PC05-PC08.
- Mathur H, Sharma AK. Comparative study to evaluate ultrasonic verses monopolar electrocautery dissection of gall bladder in laparoscopic cholecystectomy. *Int Surg J.* 2021;8(7):xxx-xxx
- Arvind Kumar, Ashok Kr. Sharma. Cross-Sectional study to assess the prevalence of acute abdomen in tertiary care hospital. *Int J Pharm Clin Res.* 2021;13(4):327-333.
- Anant Singh, Ashok Kr. Sharma, Aditya T. Study of the efficacy of trauma and injury severity score to predict survival in patients of polytrauma. *Int Surg J.* 2021;8(8):2301-2306.
- Arvind Kumar, Ashok Kr. Sharma, Abhishek Kr. Singh. A comparative study between early and delayed ileostomy closure. *Eur J Mol Clin Med.* 2021;8(4):2515-8260.
- Arvind Kumar, Ashok Kr. Sharma, Abhishek Kr. Singh. A comparative study of topical sucralfate versus normal saline for dressing of diabetic ulcer. *Int J Health Clin Res.* 2021;4(19):101-103.
- Arvind Kumar, Ashok Kr. Sharma, Abhishek Kr. Singh. Comparison of the efficacy of percutaneous needle aspiration and pigtail catheter drainage for the treatment of liver abscess. *Int J Health Clin Res.* 2021;4(20):111-

115.

- Arvind Kumar, Ashok Kr. Sharma. Randomized controlled trial comparing laparoscopic cholecystectomy with and without drains. *Int J Pharm Clin Res.* 2021;13(3):218-223.
- Kamini S, Arora JK, Jain SK. Triple diagnostic test in the evaluation of thyroid nodule. *Int Surg J.* 2021;8(4):1264-1268.
- Arora JK, Sankal M, Ghasi RG, Thakur R. Evaluation of intra-abdominal adhesion formation after laparoscopic ventral hernia repair with composite mesh using abdominal ultrasound: a prospective observational study. *Int Surg J.* 2021;8(4):1143-1147.
- Meghraj Kundan. Light weight mesh versus heavy weight mesh in open Lichtenstein hernioplasty; a prospective randomized study. *IOSR-JDMS.* 2021;20 (3):50-54.
- Kundan M, Chebrolu H, Muniswamappa C, Kumar N, Varma V. Outcomes of Management of Patients with Acute Mesenteric Ischemia: A Prospective Study. *Niger J Surg.* 2021;27(1):16-21.
- Kundan M, Priyadarshi V. Sliding Inguinal Hernia in a Case of Fournier's Gangrene: A Rare Case. *Int J Appl Basic Med Res.* 2021;11(2):106-107.
- Mathur H, Kalwaniya DS. Comparative study to evaluate ultrasonic verses monopolar electrocautery dissection of gall bladder in laparoscopic cholecystectomy. *Int Surg J.* 2021;8(7):xxx-xxx

ANY SIGNIFICANT FACILITY CREATED IN THE CURRENT YEAR

- **E-Sanjeevani OPD** – E-Sanjeevani OPD has been made functional in the department.
- **Elder Abuse Care** services provided by the department.

SIGNIFICANT ACHIEVEMENTS DURING THE YEAR

- Department of Surgery was awarded for an outstanding contribution for KAYAKALP SCHEME 2020-21.
- Monthly Meeting Rolling Trophy for the year was awarded to the department of surgery by Delhi

State Chapter-ASI

- The department is already involved in **NABH** accreditation of the institute.
- The department is following the guidelines of **BMW**.
- The performance of the department has improved in various parameters under the **MeraAsptaal** drive of the Ministry of Health & Family Welfare.

Library.

- Most of the Nonfunctional equipments made functional.
- The department has already registered cases under **Ayushman Bharat** an initiative scheme of Ministry of Health and Family Welfare, Govt. of India and actively involved and proving services to the beneficiaries under the scheme.

- New books have been added in the departmental



Sitting (L to R): Dr. R.K. Soni, Dr. A.S. Chawla, Dr. V.C. Aggarwal, Dr. S.V. Arya, Dr. Chintamani, Dr. Shivani B. Paruthy.

Standing (L to R): Dr. Rohit Bansal, Dr. Vidyasagar Chaturvedi, Dr. I.B. Dubey, Dr. Meghraj Kundan, Dr. Dheer Singh Kalwaniya, Dr. Ashok Kr. Sharma, Dr. N.S. Mandal, Dr. Raj Kumar Chejara, Dr. T. Lirangla Sangtam.

Department of Neurosurgery

FACULTY

- **Dr. Amit Dagar**, Associate Professor
- **Dr. Dipanker Singh Mankotia**, Associate Professor
- **Dr. Manish Rawat**, Associate Professor
- **Dr. K B Shankar**, Professor and Head
- **Dr. Vivek Yadav**, Associate Professor

RESEARCH: THESIS (ONGOING)

Dr. Gaurav Singh Abahaya

- Role of Whole spine screening CT scan in isolated moderate to severe Head injury, (Guide- Dr Amit Dagar), 2019-22

Dr. Prashant Kumar Yadav

- Comparison of Minimally invasive technique of spine surgery with open laminectomy and discectomy in upper degenerative diseases (Guide- Dr. KB Shankar), 2019-22

Dr. Debabarath Tadu

- Comparison of Copenhagen neck dis-ability score with modified Japanese orthopedics association score in evolution of surgery outcome in de-generative cervicospinal myelopathy (Guide- Dr. KB Shankar), 2019-22

RESEARCH: THESIS (COMPLETED)

Dr. Frankie L Shadap Slangshai

- Comparison of cranial metrics between patients treated with endoscopic 3rd ventriculostomy and those treated with Ventriculo peritoneal shunt: International Journal of Scientific Research Jan 2021;10(1): (Guide- Dr. KB Shankar), 2018-21
- Transcranial Doppler study in traumatic subarachnoid hemorrhage: International Journal of Scientific Research Sep 2021;10(9) (Guide- Dr. KB Shankar), 2018-21

PUBLICATIONS OF FACULTY/RESIDENTS

- Deep, Shankar K B, Frankie. Transcranial Doppler study in traumatic sub-arachnoid hemorrhage: international journal of scientific research sept 2021; 10 (9)
- Frankie, Shankar K B, Deep. Comparison of cranial metrics between patients treated with endoscopic 3rd ventriculostomy and those treated with Ventriculo peritoneal shunt. International journal of scientific research. 2021; 10(1):



L to R: Dr. Manish Rawat, Dr Dipankar Singh Mankotia, Dr. KB Shankar, Dr Amit Dagar

Department of Obstetrics and Gynaecology

PRELUDE

The Department of Obstetrics & Gynecology is the largest department in Safdarjung Hospital, dealing with more than 30 % of the total admissions of the hospital, and providing comprehensive medical care for safe motherhood, population stabilization and protection of women's health in all stages of their life. Besides Delhi, our department caters to all women coming from all districts of the National Capital region and also gets referred patients from the neighboring states. As in the present scenario Govt. of India is focusing on institutional deliveries, our hospital is one of the busiest hospitals in India catering a large number of high-risk obstetrics patients with number of deliveries reaching almost 27000 per year.

The Department of Obstetrics and Gynecology offers a broad range of inpatient and outpatient services for women including high risk obstetrical care, infertility services for women, routine obstetric, reproductive endocrinology, gynecological oncology, Uro-gynecology, fetal medicine and comprehensive diagnosis and treatment of routine gynecological

disorders. There are a total of 320 beds)239 obstetric beds distributed in six wards and 66 gynecology beds distributed in two wards & 15 in HDU/CCU(, two labor rooms, and two nurseries for intensive neonatal care, and emergency and elective operation theatres with facilities for major and minor obstetric and gynecological surgery. Fifteen bedded Obstetrical critical care unit is the latest addition to the department. The department is equipped with specialized staff, modern equipment and high technologies of diagnosis and care in Gynecology and Obstetrics. We are able to perform complicated and innovative surgeries and provide quality care to patients. Our hospital is also known for the quality of its training to resident doctors and health workers. State-of-the-art Daksh lab in the department imparts basic and emergency Obstetrical skills to health professionals from different parts of India.

The Department of Gynecology and Obstetrics continues to maintain the momentum that it developed since its inception. The faculty dedicate themselves to

offering the full complement of basic obstetric and gynecologic care as well as providing specialized care in the various gynecologic specialties. Our experienced faculty is involved in teaching of medical and nursing students. Various training programs, CMEs and workshops are conducted by our esteemed faculty. Our mission is to provide a meaningful educational experience for students and residents in the clinical setting, emphasize quality and continuity of care to indigent and underserved women, as well as emphasize our own professional development.

FACULTY

- **Dr. Rupali D.**, Professor & Consultant
- **Dr. Renu Arora**, Professor & Consultant
- **Dr. Sonam R. Topden**, Consultant
- **Dr. Anjali Dabral**, Professor, C.M.O., HAG & H.O.D
- **Dr. Sunita Yadav**, Consultant
- **Dr. Bindu Bajaj**, Professor & HAG
- **Dr. Jyotsna Suri**, Professor & Consultant
- **Dr. Saritha Shamsunder**, Professor & Consultant
- **Dr. Upma Saxena**, Professor & Consultant
- **Dr. Kumari Usha Rani**, Professor & Senior Specialist
- **Dr. Yamini Sarwal**, Chief Medical Officer
- **Dr. Harsha S. Galkwad**, Professor
- **Dr. Sujata Das**, Chief Medical Officer
- **Dr. Anita Kumar**, Senior Specialist
- **Dr. Sarita Singh**, Associate Professor & Specialist
- **Dr. Sumitra Bachani**, Professor & Senior Specialist
- **Dr. Ritu Aggarwal**, Senior Medical Officer
- **Dr. Kashika**, Associate Professor & Senior Medical Officer
- **Dr. Garima Kapoor**, Professor
- **Dr. Rekha Bharti**, Professor
- **Dr. Archana Mishra**, Professor
- **Dr. Reeta**, Professor
- **Dr. Monika Gupta**, Professor
- **Dr. Divya Pandey**, Professor
- **Dr. Sheeba Marwah**, Associate Professor
- **Dr. Kavita Agarwal**, Associate Professor
- **Dr. Seema**, Medical Officer

- **Dr. Nishi Choudhary**, Assistant Professor
- **Dr. Meenu Chaudhry**, C.M.O
- **Dr. Ankita Jain**, Assistant Professor
- **Dr. Rajesh Kumar**, Sr. Specialist

NEW ADDITION TO THE FACULTY

- **Dr. Sumedha Gupta**, Asst. Prof. (Contractual)3

FACULTY MEMBERS WHO LEFT THE DEPARTMENT

- **Dr. Saumya Prasad**, Asst. Prof. (Contractual)
- **Dr. Sumedha Gupta**, Asst. Prof. (Contractual)

APPOINTMENT OF FACULTY TO HIGHER POSTS / ASSIGNMENT OUT SIDE PROMOTIONS

- **Dr. Sheeba Marwah**, Associate Professor
- **Dr. Kavita Agarwal**, Associate Professor

DISTINCTIONS ACHIEVED BY THE MEMBERS OF THE FACULTY, AWARDS

Dr. Anjali Dabral

- Awarded APJ Abdul Kalam Champion of Obstetrics Critical Care Course- 16th August 2021 by Delhi Gynae Forum

Dr. Jyotsna Suri

- Awarded APJ Abdul Kalam Appreciation Award conferred by Delhi Gynae Forum Appreciation Award by AOGD for contribution as Chairperson of Safe Motherhood Committee in the difficult COVID Times

Dr. Upma Saxena

- FICMCH, August 2021

Dr. Sumitra Bachani

- ASIA-GCC award for Excellence and Leadership in Health care on 4th Dec, 2021.
- Silver Medal in AOGD Annual conference slogan competition, Feb, 2021
- First Prize (Poetry) AOGD Annual conference Talent hunt, Feb 2021.

Dr. Monika Gupta

- 'Champion of FOGSI Award' for valuable contribution to FOGSI activities during pandemic times. Dec 2021
- 'Appreciation Award' for Contribution towards AOGD as Secretary given in valedictory ceremony at AOGD annual Conference, Dec 2021
- Awarded APJ Abul Kalam Azad Award "Champion

- of Obstetric Critical Care" bestowed by Delhi Gynecologists Forum with WOW India. Aug 2021
- First Prize as Secretary AOGD (FOGSI Delhi Society) in National Competition on Society Activities during World Breast Feeding Week organized by FOGSI, Aug 2021
- IESRF Best Editor Award for being associate editor in Indian Journal of Obstetrics and Gynecology Research instituted by "IESRF Research Awards 2021"
- Certificate of Appreciation from South Asian Federation of Obstetricians and Gynecologists (SAFOG) Journal for valuable contribution as Reviewer.

Dr. Reeta

- Dr. K.D Nayyar Best Oral paper award at 17th IFS National congress 2021

Dr. Divya Pandey

- Awarded Membership of National Academy of Medical Sciences (MNAMS) in December 2021.
- FOGSI (Federation of Obstetricians and Gynecologists of India)

Dr. Sheeba Marwah

- Award of excellence for the outstanding public health work done during COVID 19 pandemic by VMMC & Safdarjung Hospital/MOHFW on 15th August, 2021.
- International women's day theme award "women in leadership-achieving an equal future in COVID 19 world" by Delhi BJP wing on March 8th, 2021
- Award of excellence for the outstanding public health work done during COVID 19 pandemic by VMMC & Safdarjung Hospital/MOHFW, 15th August, 2021
- APJ Abdul Kalam Champion of Obstetrics Critical Care Course- 16th August, 2021 by Delhi Gynae Forum
- Outstanding Contribution Award by ISCCP as a part of cervical cancer task force on 21st Sep, 2021.

Dr. Kavita Aggarwal

- Certificates for my contribution to peer review from SAFOG, BJOG.
- Felicitation award by AOGD organizing Committee, 2021

- Felicitated by AOGD as Chairperson Infertility Committee AOGD, 2021
- Won essay contest on "role of social organizations and Rotary in improving maternal child health in India" Organized by Rotary Club Agra Taj City, May 2021
- Received Best Worker Award by DMA, on DMA foundation Day, Aug 2021
- Won prize in write up on occasion of World Patient Safety Day.
- Got elected as IMA-CGP Assistant Secretary from IMA- South Delhi Branch.

SEMINARS / CONFERENCES / WORKSHOPS /CMEs HELD IN THE DEPARTMENT

- 43rd Annual AOGD Conference (Hybrid event) organized with Dept of Obs& Gyn 19-21 Nov 2021 attended by 500 delegates.
- AOGD CME (Online Webinar) "An Update on Medical Termination of Pregnancy", organized with Dept Ob Gyn VMMC & SJH, Apr 2021 attended by 274 delegates.
- Group discussion (online) on "Mental & Social Wellbeing of Health care workers in COVID Era: Challenges & Solution" organized by AOGD and VMMC & SJH on May 2021 attended by 312 delegates.
- AOGD post-conference workshop (Online Webinar) on "Revisiting Basic Infertility Services" organized by AOGD Infertility subcommittee and VMMC and SJH, 22nd Nov, 2021 attended by 305 delegates.
- Critical care workshop, NARCHI organized by VMMC & Safdarjung held on 27 August 2021 attended by 120 delegates.
- Workshop organized by Dept of Obs& Gynae, VMMC & Safdarjung. Dr Anjali Dabral and Dr Jyotsna Suri were convenors and Dr Rekha and Dr Sheeba, Co-conveners
- AOGD Annual Conference Online November 2021 attended by 550 delegates.
- AOGD Secretariat was in VMMC & Safdarjung Hospital from April 2021-March 2022
- Course of Obstetric Critical Care August 2021 to present 50 in each batch, Course organized by DGF, Dept of Obs& Gynae provides all scientific

content. Dr Jyotsna Suri is co-convenor

- AOGD Pre Conference Workshop on - FOGSI - JOGI - E - PICSEP* held on 13th November 2021 attended by 406 delegates. Workshop organized by VMMC & Sadarjung Hospital. Dr Anjali Dabral and Dr Jyotsna Suri were convenor of workshop. Dr. Sheeba was co-convenor
- 17th World Congress of IFCPC held between 1-5 July 2021 attended by 1000 delegates. First Asian Congress of the International Federation of Colposcopy and Cervical Pathology (Hybrid conference 1-5th July 2021 organised by the Dept. of Obst & Gynae SJH.
- Training on Maternal and Perinatal Death Review and response conducted for 3 days attended by 30 delegates on "Upscaling of ongoing stillbirth registry as a part of NBBG, WHO-SEARO initiative".

SEMINARS / CONFERENCES / WORKSHOPS/ CMEs ATTENDED BY THE FACULTY

Dr. Anjali Dabral

- Participated in AOGD webinar on antenatal vaccinations & Labor case guide (23 Aug 2021)
- AOGD webinar on heart disease pregnancy.
- Master class on GTN-31.07.2021.
- AICOG conference Indore-chairperson in a session
- AOGD PG forum on prolapse and HDP

Dr. Jyotsna Suri

- Convenor of post congress workshop on Critical Care Obstetrics on 4th November of annual AOGD Conference organized by Department of Obs & Gynae VMMC & Safdarjung Hospital under aegis of Safe Motherhood Committee AOGD
- Chairperson of Safe motherhood committee AOGD 2019-21
- Principal Investigator of ICMR funded Project titled - "Evaluation of maternal and fetal outcomes in women diagnosed with GDM or Normoglycaemia using IADPSG criteria, among women diagnosed with Normoglycaemia by DIPSI criteria: Prospective multi-centre observational cohort study" An ICMR-TASK FORCE PROJECT.
- Co- PI of WHO Project on A multi-country

randomized clinical trial to evaluate the impact of continuous KMC initiated immediately after birth compared to KMC initiated after stabilization in newborns with birth weight 1.0 to 1.8 kg

- Conducted workshop on CPR in pregnant woman on 31st January in AICOG Lucknow
- Panelist on Surgical site infections on 31st January in AICOG Lucknow
- Panelist in Critical Care Obstetrics panel of Surakshit Naritva Conference of FOGSI on 28th February at Hotel Lalit
- Member of Round Table meeting on Family Planning in Surakshit Naritva Conference of FOGSI on 28th Feb in Hotel Lalit
- Delivered guest lecture on Emergency Contraception in Surakshit Naritva Conference of FOGSI on 29th Feb in Hotel Lalit
- Organized AOGD monthly clinical meeting on 26th June by Safdarjung Hospital
- Panelist in Placenta Accreta Syndrome on 11th July organized by DGF SW and Safe Motherhood Committee AOGD
- Talk on Induction of labour on 16th July organized by 7 Societies of South- Erode, Calicut, Kanchipuram, Coval Madurai and Nagarcovil
- Moderated Panel on HELLP syndrome organized by Safe Motherhood Committee, NARCHI and ICOG
- Panelist in Hypertensive Disorders of Pregnancy on 28th July organized by DGFOG and Safe Motherhood Committee AOGD
- Talk on Induction of labour on 31st July organized by Har ObGyn and Safe Motherhood Committee AOGD
- Panelist on case based challenging situations in breastfeeding on 5th August organized by Safdarjung Hospital, NARCHI, AOGD Safe Motherhood Committee to commemorate world breast feeding week
- Invited as expert in Critical Care Obstetrics case discussion- Pulmonary edema, on 8th August organized by Patna Obs and Gynae Society and FOGSI.
- Clinical Expert in 'Challenges in preeclampsia' on 29th August organized by GTB Hospital in smart

learning platform for PGs along with AOGD and FOGSI

- Panelist in Sepsis in obstetrics organized by DGF and Safe Motherhood Committee AOGD on 5th September
- Moderated Panel on Early pregnancy care on 5th September organized by FOGSI
- Panelist in panel on Hepatic Disorders in Pregnancy organized by DGF south on 11th September
- Moderated Panel on heart disease in pregnancy on 26th September organized by ABVMIS and RML & NARCH Delhi
- Panelist in pregress workshop AOGD 28th October organized by MAMC- Medicolegal issues in obstetrics and gynaec
- Convener of post congress workshop on Critical Care Obstetrics on 4th November of annual AOGD Conference
- Talk on ABG in post congress workshop on Critical Care Obstetrics on 4th November of annual AOGD Conference
- Moderator on panel on diabetic ketoacidosis and PPCM in Critical Care Obstetrics on 4th November of annual AOGD Conference
- Guest lecture on Fluid management in shock on 22 Dec organized by Delhi Gynae Forum
- APJ Abdul Kalam Appreciation Award conferred by Delhi Gynae Forum
- Appreciation Award by AOGD for contribution as Chairperson of Safe Motherhood Committee in the difficult COVID Times.

Dr. Saritha Shamsunder

- Master Trainer for MP Government Cancer Screening Program, conducted many online sessions for gynecologists, medical officers and staff nurses in MP Government in association with National Health Mission and Clinton Health Access Initiatives.
- Expert in drafting a comprehensive training package including Trainer's Manual- guide on conducting common cancers training, Trainee's Handbook – reference material for MOs and SNs, reporting collaterals, training presentation, SOPs, checklists.

Dr. Upma Saxena

- Conferred FICMCH, Fellowship in Maternal and child health

Dr. Sumitra Bachani

- Silver Medal, AOGD Annual Conference Slogan competition.
- Nov 2021 AOGD Annual Conference Talent Hunt. Nov 2021
- Asia- GCC Women Health care Leadership Award -Gynecologist & Fetal Medicine Specialist: Dec 2021

Dr. Sujata Das

- Invited Judge for Free Paper session in AOGD 43rd virtual conference.
- Working on Projects (Co PI)
- Role of digital screening and evaluate its effectiveness in Cervical Cancer Prevention
- Prevalence of Neonatal Sepsis in India (A Multicentric study)

Dr. Garima Kapoor

- Took part in the panel discussion in online webinar "IUI Workshop: Ovulation Induction and Practical tips", under DGFMS, CME held on 17th Feb 2021 from 3:00 to 5:30pm.

Dr. Monika Gupta

- 43rd Annual AOGD Conference organized with Dept of Obst & Gynae-Organizing Secretary
- AOGD CME "An Update on Medical Termination of Pregnancy", organized with Dept Ob Gyn VMMC & SJH- Organizing Secretary
- Group discussion on "Mental & Social Wellbeing of Health care workers in COVID Era: Challenges & Solution" organized by AOGD and VMMC & SJH.- Organizing Secretary

Dr. Divya Pandey

- Co-Convener of Webinar on Research, Systematic Review And Guideline Development For Obstetrician and Gynecologist: An Overview Under aegis of AOGD
- Organizing Joint secretary of 43RD Annual AOGD conference held on 19-21st Nov, 2021 organised by VMMC and Safdarjung Hospital, Delhi
- Coordinator for AOGD post-conference workshop on "Revisiting Basic Infertility Services" organized by AOGD Infertility subcommittee and VMMC and

SJH ON 22nov,2021

- Coordinator for AOGD pre-conference workshop on "Dealing with myomas endoscopically"-17 nov, 2021
- Invited faculty at ISOPARB Annual Conference On 13-14 Nov,2021

Dr. Sheeba Marwah

- Online Training in Online Teaching Methodology organized By VMMC in collaboration with NITTR,Chennai-July 2020
- Certificate Course NAHRD on Gender Sensitization POSH of women at workplace Feb 2021
- Passes ICMR NIE Basic Course in Biomedical research (NPTEL) March 21, 2021.
- NMC Regional Centre for medical Education Technologies-VMMC & Safdarjung Hospital-Revised Basic Course Workshop (rBCW) in Medical Education technologies 30 March -1st April 2021
- Faculty development Course for Implementing CBME curriculum in Obstetrics & Gynecology (MEU India)-27 Nov 2020 to 1st May 2021
- COVID-19 Nodal officer for department of Obstetrics & Gynecology March 2020 to April 2021
- Part of the Departmental Critical Care team looking after Obstetric ICU & HDU at VMMC & Safdarjung Hospital
- In charge of departmental statistics/annual report compilation of department /Still birth audit in the department
- Part of quality circle team of labor room of LAQSHYA at VMMC & Safdarjung Hospital and NABH team in my department.
- Member of Quarantine board of VMMC & Safdarjung Hospital
- Member of standing committee of medical board
- Nodal Officer For Safdarjung Hospital in Multi-Centric Still Birth Surveillance-The Indian Perspective-WHO SEARO Initiative since 2018
- Member of VMMC Student grievance & redressal committee
- Member of VMMC and Safdarjung Hospital Library committee
- Member- Inspection committee for COVID19 @Medical Stores
- Joint organizing secretary –IFCPC 2020one -17th world congress on cervical cancer -July 1-5, 2021 in India
- Member of Safe motherhood subcommittee of AOGD 2018-Chairperson-Menstrual Disorder Committee-SMDHM
- Course faculty for Critical Care Course in Obstetrics by DGFS and ICOG
- Award for organizing first VMMC-SJH faculty sports & cultural meet 1-6th Feb 2021.
- International women's day theme award "women in leadership-achieving an equal future in COVID 19 world" by Delhi BJP wing. March 8 2021
- WHO SEARO STILL BIRTH REGISTRY-Nodal officer at nodal centre in Delhi registry (including 7 hospitals)-WHO.
- Co PI in Developing predictive model for early detection of IUGR in newborns from polycystic aromatic hydrocarbons concentration (PAHs) in maternal blood-ICMR
- Co PI in Care of the small babies (including Kangaroo Mother Care) in the COVID-19 pandemic: A multi-country survey and qualitative analysis-WHO
- Co PI in Contribution of Pediatric, neonatal and antenatal (pregnant) suspected and confirmed COVID 19 cases to WHO global platform –WHO
- Co PI in National Registry on COVID-19 infection among pregnant women and their neonates by ICMR-WHO
- Speaker on Abortions – Her decision, her choice July 2020 organized by Student welfare society VMMC
- Expert panelist- RPL by DGFS Jan 11 2021
- Expert Panelist-Use of Probiotics and Antioxidants IN OBGYN; 3rd Feb 2021
- Expert Panelist- Drugs in pregnancy –DGFS South march 11, 2021.

RESEARCH: THESIS (ONGOING)

- Dr. Arikatla Sai Aishwarya-Effect of different positions of labour on mode of delivery, (Guide-Dr Anjali Dabral)
- Dr. Ashwani Balayan- Estimation Of Serum

25(OH) Vitamin D3 Levels In Intrahepatic Cholestasis Of Pregnancy, (Guide-Dr Harsha S Gaikwad).

- Dr Avya Sinha- Serum magnesium in second trimester of pregnancy for prediction of pregnancy induced hypertension, (Guide-Dr Jyotsna Suri)
- Dr. Arpita Raghav-Comparison of Adequacy of Cervical Cytology Obtained Using Extended Tip Spatula Vs Standard Ayre's Spatula With Cytobrush, (Guide-Dr Sarita Singh)
- Dr. Bhuvana – Comparison of Intra Cervical Foley balloon catheter with slow release Dinoprostone vaginal pessary for induction of labor in women with post-dated pregnancy, (Guide-Dr Renu Arora)
- Dr D Gamanasri- Neutrophil To Lymphocyte Ratio in Prediction of Pre-Eclampsia with Severe Features, (Guide-Dr K Usha Rani)
- Dr. Gandhi Revathi Sai Prasanna-Comparison of Clinical and Ultrasound Fetal Weight Estimation in Predicting Actual Birth Weight, (Guide- Dr Upma Saxena)
- Dr Geyum Ete-Effectiveness of Sweeping and Stretching of Membrane at Term in Induction Of Labour, (Guide- Dr Bindu Bajaj).
- Dr Harsha Jodwal-Evaluation Of Pregnant Women with High Normal Blood Pressure for Development of Hypertensive Disorders of Pregnancy, (Guide- Dr Harsha S Gaikwad).
- Dr IshaThareja-Fetomaternal Outcome in Pregnancy Specific Liver Diseases, (Guide- Dr K Usha Rani)
- Dr Kore Soumya Basawaraj -Correlation of Bile Acid Levels with Fetal Outcome in IHCP, (Guide-Dr Sarita Singh)
- Dr Mohit Singh-Correlation Of Second and Third Trimester Sonographic Placental Thickness Ratio with Birth Weight and Placental Histopathology, (Guide- Dr Sumitra Bachani)
- Dr. Madhavi Sarin-Comparison Of Cephalo-Caudal Versus Transverse Blunt Expansion of Uterine Incision in Women Undergoing Primary Cesarean Delivery, (Guide- Dr Rekha Bharti)
- Dr Nitu Kumari-Effect of Stage of Labour on Position of Uterine Scar and cesarean Presence

of Niche In Women Undergoing Primary, (Guide-Dr. Rekha Bharti).

- Dr. Poojapreeti Goyari-Effect of Bladder Flap Formation at The Time of Primary Elective Caesarean Section on Position of Uterine Scar. (Guide- Dr Rekha Bharti).
- Dr Prashanth S Uppin-Prediction Of Preeclampsia by SFLT/PLGF Ratio Between 28 To 36 Weeks in High-Risk Pregnancy (Guide- Dr Anjali Dabral).
- Dr Priya Lal-Association Of Plasma Leptin Levels with Outcome of Induction of Labour in Pregnant Women, (Guide-Dr Monika Gupta).
- Dr Priyanka Yadav-Effect Of Body Mass Index on NTPROBNP Levels in Third Trimester of Pregnancy, (Guide- Dr Upma Saxena).
- Dr Purabi Mahato-Correlation Of Luteal Phase Estrogen and Progesterone Level with Premenstrual Syndrome in Nulliparous Females, (Guide- Dr Monika Gupta).
- Dr. Rashi Saini-Comparison Of Hadlock and Intergrowth 21st Growth Charts for Estimation Of Observed Fetal Weight By Third Trimester Ultrasound, (Guide- Dr Sumitra Bachani).
- Dr. Reena Kumari Meena-Effect of ubcutaneous Saline Irrigation on Surgical Site Infections in Primary Cesarean Section, (Guide- Dr Divya Pandey)
- Dr Sakshi Kumari-Comparison Of International Ovarian Tumor Analysis and Risk of Malignancy Index 2 As Predictor Of Malignancy In Women With Ovarian Masses, (Guide- Dr Garima Kapoor).
- Dr. Salimun Nisa-Fetomaternal Outcome in Preeclampsia/ Eclampsia Women with Posterior Reversible Encephalopathy Syndrome, (Guide-Dr Upma Saxena).
- Dr Sanjeevani Nanda-Comparison of vaginal pessary and pelvic floor muscle training for the treatment of pelvic Organ Prolapse, (Guide- Dr Renu Arora).
- Dr Sanskriti-Impact of Who Labour Care Guide on Labour Outcome in Low Risk Nulliparous Females In Spontaneous Labour. (Guide- Dr Divya Pandey).

- Dr. Shravya Rn-Maternal Serum Procalcitonin and Lactate Levels for Prediction Of Chorioamnionitis In Preterm Premature Rupture Of Membranes, (Guide- Dr Sumitra Bachani).
- Dr. Suman Kumari-Role Of Sham Feeding in Gastrointestinal Motility in Low Risk Cesarean Section, (Guide- Dr Anjali Dabral).
- Dr. Supriya Hazarika-Comparison Of Carpreg 2 And Modified Who Classification for Predicting Maternal Outcome In Pregnant Women With Heart Disease, (Guide- Dr Jyotsna Suri).
- Dr. Supriya MI-Effect Of Dietary Protein Intake on Ovarian Reserve in Infertile Women (Guide- Dr Garima Kapoor).
- Dr. Sushma Singh-Comparison Of 6 And 12 Hourly Intracervical Dinoprostone Gel Insertion For Induction Of Labor, (Guide- Dr Bindu Bajaj).

RESEARCH: THESIS (COMPLETED)

- Dr. Akanksha Gupta-To compare the prevalence of peripartum infectious morbidity after vaginal cleansing with 0.4% and 1% chlorhexidine prior to intracervical dinoprostone instillation. (Guide- Dr. Anjali Dabral/ Dr. Pradeep Debata (Paeds))
- Dr. Ankati Majumdar-Comparison of fetomaternal outcomes in gestational diabetes mellitus on metformin and insulin (Guide-Dr. K. Usha Rani / Dr. R.P. Saini (Med)/ Dr. Ratan Gupta (Paeds))
- Dr. Anuradha Sharma-Comparison of foley balloon catheter with intracervical dinoprostone gel for induction of labour in nulliparous women. (Guide- Dr. Jyotsna Suri)
- Dr. Astha Sharma-Prediction of complications of preeclampsia using the fullpiers high risk prediction model. (Guide- Dr. Jyotsna Suri)
- Dr. Baleja Kajal Bhimbhai-Cervical funneling for prediction of vaginal delivery in term nulliparous women undergoing induction of labor. (Guide-Dr. Rekha Bharti/Dr.Amita Malik (Radio Diag))
- Dr. Bhawna-Uroflow patterns and development of uroflow normogram in Indian women. (Guide- Dr.Renu Arora).
- Dr. DivithKhagraj C-Oxytocin alone versus dinoprostone insert followed by oxytocin for inducing labour in term prelabour rupture of membranes, (Guide- Dr. Anjali Dabral/ Dr. Pradeep Debata (Paeds))
- Dr. Hansika Anuragi-Mifepristone-misoprostol combination versus misoprostol alone for termination of pregnancy with intrauterine fetal demise, (Guide- Dr. Harsha S. Gaikwad).
- Dr. Kalpana Pandey-Feto-maternal outcome in asymptomatic pregnant women with chronic hepatitis B infection . (Guide- Dr. Upma Saxena / Dr. M. B. Thakur (Med))
- Dr. Kumari Jyoti-Effect of yoga on clinical, biochemical and doppler parameters in infertile women with polycystic ovarian syndrome. (Guide- Dr. Bindu Bajaj/Dr. S.K. Bajaj (Radio Diag))
- Dr. Lovely Singh-Biochemical and endocrinological profile of male partner with abnormal semen parameters in infertile couples. (Guide- Dr. Bindu Bajaj/ Dr. Sunil Ranga (Path))
- Dr. Mansvi Raghav-Comparison of dipsi and who criteria for diagnosis of gestational diabetes by assessment of feto-maternal outcomes. (Guide- Dr. Jyotsna Suri/ Dr. Pradeep Debata (Paed.)/ Dr. Anita Rani (Biochem))
- Dr. Monika-Neutrophil to lymphocyte and platelet to lymphocyte ratios in maternal blood as a predictor of preterm premature rupture of membrane. (Guide- Dr. Bindu Bajaj).
- Dr. Monika Rana-Prediction of placenta accreta spectrum by prenatal ultrasound staging system in placenta previa with scarred uterus. (Guide- Dr. Upma Saxena/ Dr. Ritu Nair Misra (Radio Diag) / Dr. Poonam Khambra (Path))
- Dr. N Jaladharshini-Shock index as a predictor of maternal outcome in postpartum period (Guide- Dr. Rupali Dewan).
- Dr. Nalini H-Comparative evaluation of intravenous labetalol and oral nifedipine for control of severe hypertension in pregnancy. (Guide- Dr. Renu Arora).
- Dr. Neha Bharti-Prevalence of urogynaecological disorders in postmenopausal women with lower urinary tract symptoms. (Guide- Dr. Monika Gupta/Dr. Pawan Vasudeva (Uro))
- Dr. Priyanka Singrore Correlation of obesity indices and inflammatory biomarkers with severity of lower urinary tract symptoms in

females. (Guide- Dr. Monika Gupta/ Dr.SufianZaheer(Path)

- Dr. Puja Yadav-Procalcitonin levels in maternal serum and cord blood as marker for diagnosis of early onset neonatal sepsis. (Guide- Dr. Rupali Dewan/ Dr. Harish Chellani/Dr. Anita Rani (Biochem)
- Dr. Roohat Parveen-Comparison of APACHE II AND SAPS II scores for prediction of maternal outcome in women with pre-eclampsia with severe features. (Guide- Dr. Garima Kapoor)
- Dr. Sakshi Nischal-Third trimester obstetric ultrasound for risk stratification of fetuses with estimated foetal weight less than 40th centile. (Guide- Dr. Sumitra Bachani/ Dr. Harish Chellani (Paeds)
- Dr. Shailja Kumari Jha-Comparison of fetomaternal outcome in women with preterm premature rupture of membranes on expectant management versus delivery at 34 weeks. (Guide- Dr. Sumitra Bachani/ Dr. Harish Chellani (Paeds)/Dr.SumitaSaluja (Hemat).
- Dr. Shazia Shad-Prediction of fetal growth restriction using transcerebellar diameter and abdominal circumference ratio. (Guide-Dr. Upma Saxena / Dr. M.K. Mittal (Radio Diag) / Dr.Sugandha)
- Dr. Shipra Sandilya-Risk factors and maternal outcome in pregnancy related acute kidney injury. (Guide- Dr. K Usha Rani / Dr. Rajesh Kumar (Nephro)
- Dr. Shweta-Risk factors and perinatal outcome in moderately preterm premature rupture of membranes. (Guide- Dr. K. Usha Rani /Dr. Ratan Gupta (Paeds)
- Dr. Soni Kumari-Role of NT-PROBNP for prediction of fetomaternal outcome in pre-eclampsia with severe features. (Guide- Dr. Renu Arora, Dr. Anita Rani (Bio Chem)
- Dr. Soni Kumari-Comparison of continuation rate of postplacental intrauterine contraceptive device insertion after preterm and term delivery (Guide- Dr. Sarita Singh).
- Dr. Tanvangi-Comparative evaluation of fetomaternal outcome in gestational

thrombocytopenia with thrombocytopenia due to hypertensive disorders of pregnancy (Guide- Dr. Harsha S. Gaikwad).

- Dr. Umaira Fathima R.M-Prevalance of gestational diabetes mellitus in women with intrahepatic cholestasis of pregnancy (Guide- Dr. Garima Kapoor/ Dr. Sugandha Arya (Paeds)
- Dr. Yashi Nagar-Middle cerebral artery pulsatility index for prediction of successful induction of labor in post-dated pregnancy (Guide- Dr. Rekha Bharti/Dr.AmitaMalik(RadioDiag)
- Dr. Abhishek Dhanjal (Anesthesia)-Comparison of intrathecal bupivacaine 0.5% (h) with or without addition of magnesium sulphate in adult patients undergoing lower limb orthopaedic surgery(Guide- Dr. Rama Wason).

FUNDED SPECIAL GRANTS/PROJECTS DURING THE YEAR (ONGOING)

- Dr. Harsha S Gaikwad (Principal investigator (Co-Investigator- Dr Jyotsna Suri, Dr Rekha Bharti) Still Birth Registry- funded by WHO period of 12 months from from Jan 2021 to Dec 2021.
- Dr. Shinjini Bhatnagar-(Co-Investigator- Dr Kashika,) Inter-Institutional Programme on Maternal and Infant Science- Transitional approach to study pre-term Birth (PTB) funded by WHO THSTI Surveillance period of 5 Years from Dec 2013.
- Dr. Renu Arora- (Co-Investigator-Dr.Sheeba Marwah, Dr M K Mittal) Developing predictive model for the early detection of intrauterine growth restriction in new norms from polycyclic aromatic hydrocarbons concentration (PAHs) in maternal blood funded by ICMR for 3 years.
- Dr. Renu Arora & Dr. Anjali Dabral (Co-Investigator- Dr.SheebaMarwah,) National Registry on COVID-19 infection among pregnant women and their neonates ICMR Dec-12, 2020 for 3 Years and Six months. Total Budget Rs 500 per case uploaded all inclusive) Rs.25750.00 1st Installment on 21/12/20-Rs 162000 additional installment in Nov 2021
- Dr. Upma Saxena-(Co-Investigator-Dr. Sheeba Marwah) 'Clinical evaluation of the efficacy of

Ayush SS Granules" in exclusively breast feeding mothers with Insufficient Lactation (Stanyalpatha)- A Randomized Double blind placebo control trial' 1st Feb 2021 funded for 2 years Rs 22,52,320.

- Dr. Saritha Shamsunder-(Co-Investigator -Dr Archana Mishra, Dr Rekha Bharti) Validation of Digital Automated Image Assessment of Images Captured by Trans Vaginal Device as Primary Method for Cervical Health Screening Sponsored by Periwinkle Technologies Periwinkle Technologies(09-01-2021)for 6 Months.
- Dr. Sunita Malik-(Co-Investigator-Dr Saritha Shamsunder, Dr Archana Mishra) Standardizing data collection and cervical cancer screening protocols to improve facility preparedness and capacity building for cervical cancer elimination WHO 25th Aug, 2021

COMPLETED

- Dr Harsha S Gaikwad (Principal investigator) (Co-Investigator- Dr Jyotsna Suri, Dr Rekha Bharti) Still Birth Registry- funded by WHO period of 12 months from from Jan 2021 to Dec 2021.
- Dr. Shinjini Bhatnagar (Principal investigator) (Co-Investigator- Dr Kashika,) Inter-Institutional Programme on Maternal and Infant Science-Transitional approach to study pre-term Birth (PTB) funded by WHO THSTI Surveillance period of 5 Years from Dec 2013.
- Dr. Saritha Shamsunder (Principal investigator) (Co-Investigator -Dr Archana Mishra, Dr Rekha Bharti) Validation of Digital Automated Image Assessment of Images Captured by Trans Vaginal Device as Primary Method for Cervical Health Screening Sponsored by Periwinkle Technologies Periwinkle Technologies(09-01-2021)for 6 Months.
- Dr. Saritha Shamsunder (Principal investigator) (Co-Investigator- Dr Sujata Das) Usability of a new AI Technology incorporated into mobile ODT Enhanced Visual Assessment for cervical cancer screening in a tertiary hospital in Northern India Sponsored by Genworks Health. (Completed).

PUBLICATIONS OF FACULTY/ RESIDENTS

- Suri J (corresponding), Khanam Z. Prognosticating Fetomaternal ICU Outcomes.

Indian J Crit Care Med 2021;25(Suppl 3):S206–S222 (Invited Review).

- Dasgupta S, Bharti R, Mittal P, Suri J, Bachani S, Pandey D. Simplified Bishop's Score for Prediction of Successful Induction of Labour in Nulliparous Women. AOGD Bulletin May 2021;21(1):42-46
- Mishra A, Marwah S, Dewan R. A cross sectional study of Barriers in prevention of Anemia in pregnancy. Cureus Journal of Medical Sciences 2021; Jan
- Arora R, Marwah S, Dhama V, Dabral A, Gupta N, Arora B. COVID-19 in pregnancy: A preliminary 50-day review from India. J Family Med Prim Care 2021;10:883-92
- Marwah S, Kanwar R, Naghma S, Dabral A, Gupta N. A Clinical Study on Initial Experience of COVID-19 ARDS in Obstetric Patients at a Tertiary Care Centre in India; Case Reports in Obstetrics and Gynecology Volume 2021, Article ID 5591041, 7 pages
- Mishra A, Marwah S, Arora R, Yadav A, Anand N, Mushahary D. Comparison of Psychological Morbidity of Health Care Workers Posted in COVID and Non COVID Labour Rooms. J Obstet Gynaecol India. 2021 Apr 2:1-6.
- Ahuja N, Dabral A, Marwah S, Bharti R, Pachauri D, Suri J. Critical Level of Alanine Transaminase to Predict Foetomaternal Outcome in Intrahepatic Cholestasis of Pregnancy: A Case-control Study [Internet]. 2021 May [Cited July 26, 2021];15(5):QC01-QC05.
- Mishra A, Marwah S, Anand N, Mushahary D. Evaluation of Psychological Stress among Health care Workers Working In COVID labor room. British Journal of Pharmaceutical and Medical research. 2021;6(3):3264-76
- Malik S, Marwah S, Bidhuri S, Mushahary D. Challenges in Cancer Prevention in HIV. Indian Journal of Gynecologic Oncology 19(3) September 2021;
- Marwah S, Arora R, Sivajyothi BM, Dhama V, Gupta N. SARS COV 2 positive healthcare workers in obstetrics and gynaecology- Save the saviour study. J Family Med Prim Care

2021;10:4410-7

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- Kapoor G, Bajaj B. Hypogonadotropic hypogonadism and assisted reproductive techniques: a review. Fertil Sci Res 2021;XX:0.
- Khanam Z, Mittal P, Suri J. Does the Addition of Serum PAPP-A and β -hCG Improve the Predictive Value of Uterine Artery Pulsatility Index for Preeclampsia at 11-14 Weeks of Gestation? A Prospective Observational Study. J ObstetGynaecol India. 2021 Jun;71(3):226-234.
- Bachani S, Sahoo SM, Nagendrappa S, et al. Anxiety and depression among women with COVID-19 infection during hildbirth—experience from a tertiary care academic center. Am J ObstetGynecol Glob Rep 2021;2:100033.
- Anand P, Yadav A, Debata P, Bachani S, Gupta N, Gera R. Clinical profile, viral load, management and outcome of neonates born to COVID 19 positive mothers: a tertiary care centre experience from India. Eur J Pediatr. 2021 Feb;180(2):547-559.
- Mishra A, Anand N, Primary ammenorhea- A diagnostic challenge*. IJPR accepted for publication
- Divya P. Platelet-rich plasma in female infertility: A comprehensive review of current literature. Fertil Sci Res 2021;8:30-5.
- Mishra, Pragya; Mittal, Pratima; Rani, Anita¹; Bharti, Rekha; Agarwal, Varsha; Suri, Jyotsna
- Sugandha Bansal, Jyotsna Suri (corresponding), SK Bajaj, C Kaur, D Pandey, P Mittal. Role of Placenta Accreta Index for Diagnosis of Placenta Accreta Spectrum in High-Risk Patients. JObstetGynecol India. 2021;
- Varsha Agarwal, Jyotsna Suri (corresponding) P Agarwal, S Gupta, P, K Mishra, P Mittal. Shock Index as a Predictor of Maternal Outcome in Postpartum Hemorrhage. J South Asian Feder Obst Gynae, 2021; 13(3):127-32
- Divya Pandey, Jyotsna Suri, Rekha Bharti,

Pratima Mittal. Pregnancy Outcome in Eisenmenger Syndrome at an Indian Tertiary Care Centre. J South Asian Feder Obst Gynae, 2021 (Accepted for Publication)

- Anita Rani, PeyirBagra, Jyotsna Suri, RajniDawar. Prevalence of Metabolic Syndrome and Insulin Resistance in PCOS women in a Tertiary Care Hospital of North India. International J of Scientific Research. March 2021; 10(3): 34-36
- Rathore A, Suri J, Agarwal S, Mittal P. Antenatal and postnatal assessment of pelvic floor muscles in continent and incontinent primigravida women. Int Urogynecol J. 2021 Jun 5.
- JainA, Singh S, Elliyas S. Effectiveness of Manual Vacuum Aspiration (MVA) Device in the Management of Intrauterine Copper Devices (IUCD) with Missing Strings: A Prospective Interventional Study. The Journal of Obstetrics and Gynecology of India. 2021 Mar 15:1-6.

CHAPTERS IN BOOKS

- Marwah S, Dwivedi A. Intricacies in Caesarean Section Techniques. AOGD bulletin June 2021 Vol.21, No.2:23-7
- Khanam Z, Marwah S, Bharti R. Recent advances in management of Endometrial carcinoma. AOGD bulletin; 2021;.21(6):18-23.

GUEST LECTURES DELIVERED BY THE FACULTY

Dr. Anjali Dabral

- Master class on GTN-31.07.2021.

Dr. Jyotsna Suri

- Delivered guest lecture on Emergency Contraception in Surakshit Naritva Conference of FOGSI on 29th Feb in Hotel Lalit
- by 7 Societies of South- Erode, Calicut, Kanchipuram, Coval Madurai and Nagarcovil
- Talk on Induction of labour on 31st July organized by Har ObGyn and Safe Motherhood Committee AOGD
- Invited as expert in Critical Care Obstetrics case discussion- Pulmonary edema, on 8th August organized by Patna Obs and Gynae Society and FOGSI.
- Clinical Expert in 'Challenges in preeclampsia' on 29th August organized by GTB Hospital in smart

learning platform for PGs along with AOGD and FOGSI

- Talk on ABG in post congress workshop on Critical Care Obstetrics on 4th November of annual AOGD Conference
- Guest lecture on Fluid management in shock on 22 Dec organized by Delhi Gynae Forum

EXTERNAL ASSIGNMENTS OF SIGNIFICANCE Dr.

Anjali Dabral

- DNB OBGY Practical final Exam examiner at VMMC & Safdarjung Hospital, Aug 28, 2021
- Teaching activities of FNP in Maternal Fetal Medicine Program VMMC & Safdarjung hospital as faculty

Dr. Bindu Bajaj

- Contributor to examination process conducted by NBEMS in various capacity.

Dr. Sarita Shamsunder

- External Reviewer for WHO Guidelines for Screening & Treatment of Cervical Precancer lesions for cervical cancer prevention, second edition Member of the Ethics Committee of ICMR National Institute for Cancer Prevention & Research Member of Distance Learning Program Committee of the International Federation of Colposcopy & Cervical Pathology Member of the WHO Expert Group to develop Resource Bases Good Clinical Practice Recommendations for Quality Assurance in Colposcopy Moderated a Session on Resource-based Good Clinical Practice Recommendations for Quality Assurance in Colposcopy at the 10th Annual Virtual Conference of the Association of Genital Infections and Neoplasia 3-5th December 2021 Support for Capacity Building for Cervical Cancer Screening & Treatment Master Trainer for MP Government Cancer Screening Program: Master Trainer for MP Government Cancer Screening Program, conducted many online sessions for gynaecologists, medical officers and staff nurses in MP Government in association with National Health Mission and Clinton Health Access Initiatives **Member of the Punjab State Technical Expert Committee for Cervical Screening** Dr. Upma Saxena

Extramural research projects: Principal investigator for Ayush Project in collaboration with ICMR entitled "Clinical evaluation of the efficacy of "Ayush SS Granules" in exclusively breast-feeding mothers with Insufficient Lactation (Stanyalpatha)- A Randomized Double blind placebo control trial". Funds granted by ICMR in process of staff recruitment. Its 2 year project from 1st Feb 2020-31st Jan, 2022

Intramural research projects: Gene expression and polymorphism studies in Chlamydia trachomatis-associated recurrent spontaneous abortion (Status: ongoing project)

PI: Dr. Sangita Rastogi

Co-Investigators: Dr. Renu Arora, Dr. Upma Saxena
Gene expression and polymorphism study of galectins and micro-RNAs in infected women undergoing preterm birth (Status: project submitted for ethical clearance)

PI: Dr. Sangita Rastogi.

Co-Investigators: Dr. Renu Arora, Dr. Upma Saxena

Dr. Sumitra Bachani

- Expert for Media interaction and informative videos on COVID in pregnancy and COVID Vaccination in Pregnancy for MOHFW. July-Aug 2021.

Dr. Sheeba Marwah

- DNB OBGY Practical final Exam coordinator at VMMC & Safdarjung Hospital, Aug 28, 2021
- NBE Appointed Centre Appraiser NEET PG 2021
- NBE Appointed Centre Appraiser FMGE Dec 2021
- NBE Appointed Centre Appraiser NEET PG 2022
- NBE Appointed Centre Appraiser FMGE 2022
- NBE Appointed Centre Appraiser PDCET 2022
- Teaching activities of FNB in maternal fetal medicine program VMMC & Safdarjung hospital as faculty.

NEW COURES / SUBJECTS INTRODUCED DURING THE YEAR.

1st batch (2 seats) of Doctorate of national board (Dr NB) in gynae oncology enrolled in 2022- accreditation to national board of examinations (NBE) received in December 2021.

ANY SIGNIFICANT FACILITY CREATED IN THE CURRENT YEAR

- Fetal Medicine Unit-Fetal intrauterine Transfusion Facility started.
- IVF Lab and OT in process.

SOCIAL/PUBLIC SERVICE DONE BY THE DEPARTMENT

Periodic camps were conducted by the department under Aegis of AOGD and NARCHI by faculty for public awareness.

BRIEF WRITE UP ON DISTINCTIONS ATTAINED IN SPORTS AND EXTRA CURRICULAR ACTIVITIES AT THE UNIVERSITY OR INTER-UNIVERSITY LEVEL BY THE STUDENTS.

Active participation by faculty in annual Sports meet organized in February 2021

SIGNIFICANT ACHIEVEMENTS DURING THE YEAR

- 1st batch (2 seats) of Doctorate of national board (Dr NB) in gynae oncology enrolled in 2022- accreditation to national board of examinations (NBE) received in December 2021.
- Fetal intrauterine Transfusion started in fetal medicine unit.
- IVF Lab and OT in process.
- Training of resident doctors and health workers provided in State-of-the-art Daksh lab.
- Labor room and Family planning services modified as per the LAQSHYA guidelines and NABH Quality initiative.
- Robotic gynecology surgery started in collaboration of department of Urology.



Sitting (R to L) : Dr. K Usha Rani, Dr Rajesh, Dr Upma Saxena
Dr. Bindu Bajaj, Dr. Anjali Dabral, Dr. Jyotsna Suri, Dr. Saritha Shamsunder
Dr. Sunita Yadav, Dr. Harsha Gaikwad

Standing First row (R to L) : 1.Dr Meenu Choudhary 2 Dr Kashika Nagpal 3 Dr Reeta Bansiwai
4 Dr Kavita Aggarwal 5 Dr Sheeba Marwah 6 Dr Sumitra Bachani
7 Dr Archana Mishra 8 Dr Sarita Singh 9 Dr Nishi Choudhary

Standing 2nd row (R to L) : 1 Dr Ritu Aggarwal 2 Dr Ankita Jain 3 Dr Garima Kapoor 4 Dr Divya Pandey
5 Dr Monika Gupta

Department of Ophthalmology

PRELUDE

Department of ophthalmology was establishment since inception of SJH. It has three wings i.e. outdoor, Indoor and Operation theatre. The outdoor (OPD) is located on 4th floor, New OPD building, C-wing. Indoor (Ward-17) is located on third floor H-Block (Ward - 17). The operation theatre is located in D wing 4th New OPD block. This department caters to the need of poorest of poor of the society for routine, emergency and advanced eye care. This department is equipped with state of art modern equipment. More than 200 patients are benefitted by outdoor, indoor, operative, investigative and specialty services of this department every day s. Since the day of inception it is involved in postgraduate teaching. Now it is involved in PG and UG teaching, Research work, Optometrist & Nursing. This department is hosting workshops, CME and symposium from time to time

FACULTY

- **Dr. Abrol Sangeeta**, Professor
- **Dr. Duvesh R.K**, Associate Professor
- **Dr. Gullani B.P**, Professor
- **Dr. Mehta Anuj**, Professor
- **Dr. Rajshekar.V**, Professor
- **Dr. Sarkar. L**, Professor
- **Dr. Sethi H.S**, Professor

FACULTY MEMBERS WHO LEFT THE DEPARTMENT

- **Dr. Niharika**, Assistant Professor

DISTINCTIONS ACHIEVED BY THE MEMBERS OF THE FACULTY, AWARDS

- **Dr. Anuj Mehta**, Corona warrior, 15th August 2021
- **Dr. H.S Sethi**, Corona warrior, 15th August 2021

RESEARCH: THESIS (ONGOING)

- Dr. Sanjana- comparative study of efficacy of topical anaesthesia instillation in operating eye vs both the eyes in phacoemulsification from 2021-2023 (Guide- Dr. H.S Sethi)

- Dr. Anu- Ganglion cell layer & inner plexiform layer thickness in early diagnosis of non-arteritic anterior ischaemic optic neuropathy from 2021-2023 (Guide- Dr. Anuj Mehta)
- Dr. Sneha-Optical coherence tomography biomarker disorganization of the retinal inner layers as a predictor of visual acuity in patients with centre involved diabetic macular edema undergoing anti-vegf therapy from 2021-2023 (Guide- Dr. V. Raj shekhar)
- Dr. Hardik- Correlation between systemic blood pressure and target intraocular pressure in primary open angle glaucoma from 2021-2023 (Guide- Dr. Sangeeta Abrol)

RESEARCH: THESIS (COMPLETED)

- Dr. Dharmendra Singh- Evaluation of hyper-reflective foci and their association with visual status in diabetic macular edema, 2021 (Guide- Dr. B.P Gulaini)

FUNDED SPECIAL GRANTS/PROJECTS DURING THE YEAR (ONGOING)

Optical coherence tomography patterns in diabetic macular edema and their correlation with visual acuity, glycosylated hemoglobin and duration of diabetes in tertiary care hospital, 2021-2024 (CSIR) Non-Funded. PI-Dr. Neha Senior Research Associate (Pool officer) Under Dr. Anuj Mehta (Professor)

SOCIAL/PUBLIC SERVICE DONE BY THE DEPARTMENT

- Eye Donation fortnight celebration 25th August to 08th September, 2021

PUBLICATIONS BY THE FACULTY MEMBERS

- Singh, M., Sethi, HS., Gupta, S., Duvesh, RK. and Naik, M., (2021). Preoperative COVID-19 Testing for Elective Ophthalmological Procedure in a Tertiary Health Care Centre: Our Experience during the Pandemic. *Clinical Ophthalmology*, Volume 15, pp.3841-3845.
- Gupta S, Sethi P, Duvesh RK, Sethi HS, Naik M, Rai HK. Optic perineuritis. *BMJ Open Ophthalmol.* (2021) May 21;6(1):e000745.
- Aggarwal R, Sethi P, Duvesh RK, Sethi HS, Naik M, Rai HK. *Ocular Toxicity of Anti-Tubercular*

Drugs, DJO (2021); 31:35-38.

- Naik M, Kapur M, Gupta V, Sethi HS, Srivastava K. Ripasudil Endgame: Role of Rho-Kinase Inhibitor as a Last-Ditch-Stand Towards Maximally Tolerated Medical Therapy to a Patient of Advanced Glaucoma. *Clin Ophthalmol.* (2021) Jun 24; 15:2683-2692.
- Singh Dharmendra, Guliani B.P, Duvesh R.K, priya Gayathri (2021) Evaluation of hyper-reflective foci and their association with visual status in diabetic macular edema *ophthalmol J* 2021; Vol 6, 232-240
- Duvesh RK, Sen M, Honavar SG, Bansal R, Sengupta S, Roa R, Kim U, et, al Epidemiology, clinical profile, management, and outcome of COVID- 19- associated rhino-orbital-cerebral mucormycosis in 2826 patients in India- Collaborative OPAL-IJO Study on Mucormycosis in COVID- 19 (COSMIC), Report 1 *Indian J Ophthalmology* 2021; 69:1670-92
- Naik Mayuresh, Kapur Monika, Gupta Vishnu Swarup, Sethi HS, Kartikeya Srivastava Ripasudil Endgame: Role of Rho-Kinase Inhibitor as a Last-Ditch-Stand towards Maximally Tolerated Medical Therapy to a Patient of Advanced Glaucoma. *Clin Ophthalmol.* 2021; 15: 2683–2692.
- Aggarwal Ritika, Prabhpreet Sethi, Duvesh RK, Sethi HS, Mayuresh Naik, Harminder K Rai Ocular toxicity of Anti-Tubercular Drugs *Delhi J Ophthalmol* 2021; 31; 35-38;
- Pandemic. *Clinical Ophthalmology*, Volume 15, pp.3841-3845.
- Gandhi, A., Narula, A., Chandra, S., Agarwal, D., Mehta, A, Arora, S., Nayak, S. and Kapoor, M., (2021). Battling the Emerging Epidemic of Rhino-Orbital-Cerebral Mucormycosis (ROCM) in COVID-19 Pandemic: A Prospective Interventional Study
- Mehta A, Naik M, Agarwal S. Single-triangle technique for congenital ptosis repair witha frontalis sling in blepharophimosis patients. *Taiwan J Ophthalmol* [Epub ahead of print] [cited 2021 Jul 17].



**Standing 1st row (L to R) : Dr Bindi Garg, Dr Pooja Gupta, Dr R K Duvesh,
Dr Sangeeta Abrol, Dr. B P Guliani**
**Standing 2nd row (L to R): Dr. Aman Gaur, Dr. V. Rajshekhar, Dr. Anuj Mehta, Dr. H. S. Sethi,
Dr. Anurag Narula Dr. Pankaj Ranjan.**

Department of Otorhinolaryngology

PRELUDE

The department of ENT is a dynamic department under the headship of Dr. Neena Chaudhary, comprising four Faculties, four Chief Medical Officers and three Medical Officers. The Department of Otolaryngology (ENT) deals with a broad spectrum of medical as well as surgical treatments for ear, nose and throat related problems. The department is also involved in the UG MBBS and PG MS ENT teaching programs and many research projects. The department has recently renewed the MOU with NIH for the CI program under ADIP scheme. More than the quantitative growth, what has been gratifying for us has been the qualitative growth. The department has today facilities and services which rival many ENT centers in the country.

There are three clerical staff and an Audiometry technician as well.

The department is active in General OPD and Sunday OPD. The surgical services offered include routine ENT surgeries, surgery for Head and Neck Cancers

and other tumours of the Head and Neck region, laryngeal stenosis, Cochlear Implant Surgery, Endoscopic and Skull Base surgeries.

With an annual bed occupancy crossing 90%, despite the restrictions imposed by the Pandemic and Lockdown, the department had an OPD of 83010 patients, IPD of 1569 patients, OT of 2199 patients. The Minor OT cases in the Minor OT of OPD were 12729 in 2021.

The total Audio metries in 2021 (including PTA/OAE/BERA/ASSR/Tympanometry) done were 10174.

FACULTY

- **Dr. Naresh Bharadwaj**, Senior Chief Medical Officer (SAG)
- **Dr. Neena Chaudhary**, Professor & Head
- **Dr. Viaks Chauhan**, Chief Medical Officer (NFSG)
- **Dr. Deepak Kr. Gupta**, Associate Professor
- **Dr. Himani Lade**, Professor
- **Dr. Lavneesh Manchanda**, Medical Officer

- **Dr. Harishankar Niranjana**, Chief Medical Officer (NMSG)
- **Dr. Tushar Sharma**, Medical Officer
- **Dr. Tialk Raj Singh**, Senior Chief Medical Officer (SAG)
- **Dr. Gyan Ranjan Singh**, Medical Officer
- **Dr. Isha Preet Tuli**, Professor

FACULTY MEMBERS WHO LEFT THE DEPARTMENT

- **Dr. Shantanu Mandal**, Professor

ASSIGNMENT IN ACADEMIC ASSOCIATIONS:

- **Dr. Isha Preet Tuli**, Professor as Co-Opted Member of Governing Body Delhi AOI, 2021-23

OTHER DISTINCTIONS

Dr. Isha Preet Tuli

- Delegate rBCW in Medical Education Technologies, 3-5 August 2021.
- Speaker in the Virtual symposia on Cancer Prevention Day, 24.09.2021, under ICMR - NIP.
- Faculty 26th Haryana AOICON 2021, 16-17 October 2021.
- Panelist in vestibular migraine - panel discussion (Virtual Mode), IAOHNS 2021, 7th annual conference of Indian Academy of Otorhinolaryngology, Guwahati, 26-28 November, 2021

SEMINARS / CONFERENCES / WORKSHOPS/ CMEs ATTENDED BY THE FACULTY

- **Dr. Isha Preet Tuli**, Faculty 26th Haryana AOICON 2021, 16-17 October 2021

RESEARCH: THESIS (ONGOING)

- **Dr. Saurabh**, Correlation of Depth of Invasion In Oral Squamous Cell Carcinoma With Clinicopathological Parameters 2021-24(Guide- Dr. Neena Chaudhary)
- **Dr. Sheela**, 2021-24 (Guide- Dr. Himani Lade)
- **Dr. Amit Dutt**, A Study of Clinical Outcomes of Interlay Type I Tympanoplasty In Patients With Large/Sub Total Central Perforations 2021-24(Guide- Dr. Isha Preet Tuli)

RESEARCH: THESIS (COMPLETED)

- **Dr. Uday Agarwal**, Evaluation of Anxiety and Depression in Patients of Unilateral Sudden

Sensorineural Hearing Loss 2020-23 (Guide- Dr. Neena Chaudhary)

- **Dr. Diksha Sahu**, Comparison Between the Effect of Topical Platelet Rich Fibrin and Absorbable Gelatin Sponge on Graft Uptake In Type 1 Tympanoplasty 2020-23 (Guide- Dr. Deepak Gupta)
- **Dr. Saumya Gupta**, Incidence of Residual Dizziness in Patients Successfully Treated for Benign Paroxysmal Positional Vertigo 2020-23 (Guide- Dr. Himani Lade)
- **Dr. Subhankar Sahu**, A Comparison of Pressure Measurement for Endotracheal or Tracheostomy Tube By Conventional Balloon Palpation Method With Instrumental Minimal Leak Method 2020-23 (Guide- Dr. Sudhir Majhi)
- **Dr. Harshita Gupta**, Efficacy of Epley's Manoeuvre in Improving the Quality Of Life In Patients With Subjective Benign Paroxysmal Vertigo 2020-23 (Guide- Dr. Sudhir Majhi)
- **Dr. Tanushree Jain**, Association Of Presence Of Cognitive Impairment With Self Perceived Handicap In Peripheral Vestibular Vertigo 2020-23 (Guide- Dr. Isha Preet Tuli)

GUEST LECTURES DELIVERED BY THE FACULTY

Dr. Isha Preet Tuli - Guest lecture on 'Oral Cancer - its prevention.' In the Virtual symposia on Cancer Prevention Day, 24.09.2021, under ICMR - NIP.

EXTERNAL ASSIGNMENTS OF SIGNIFICANCE

- **Dr. Neena Chaudhary** - Subject expert in ICMR
- **Dr. Isha Preet Tuli** - Subject expert in National Board of Examinations

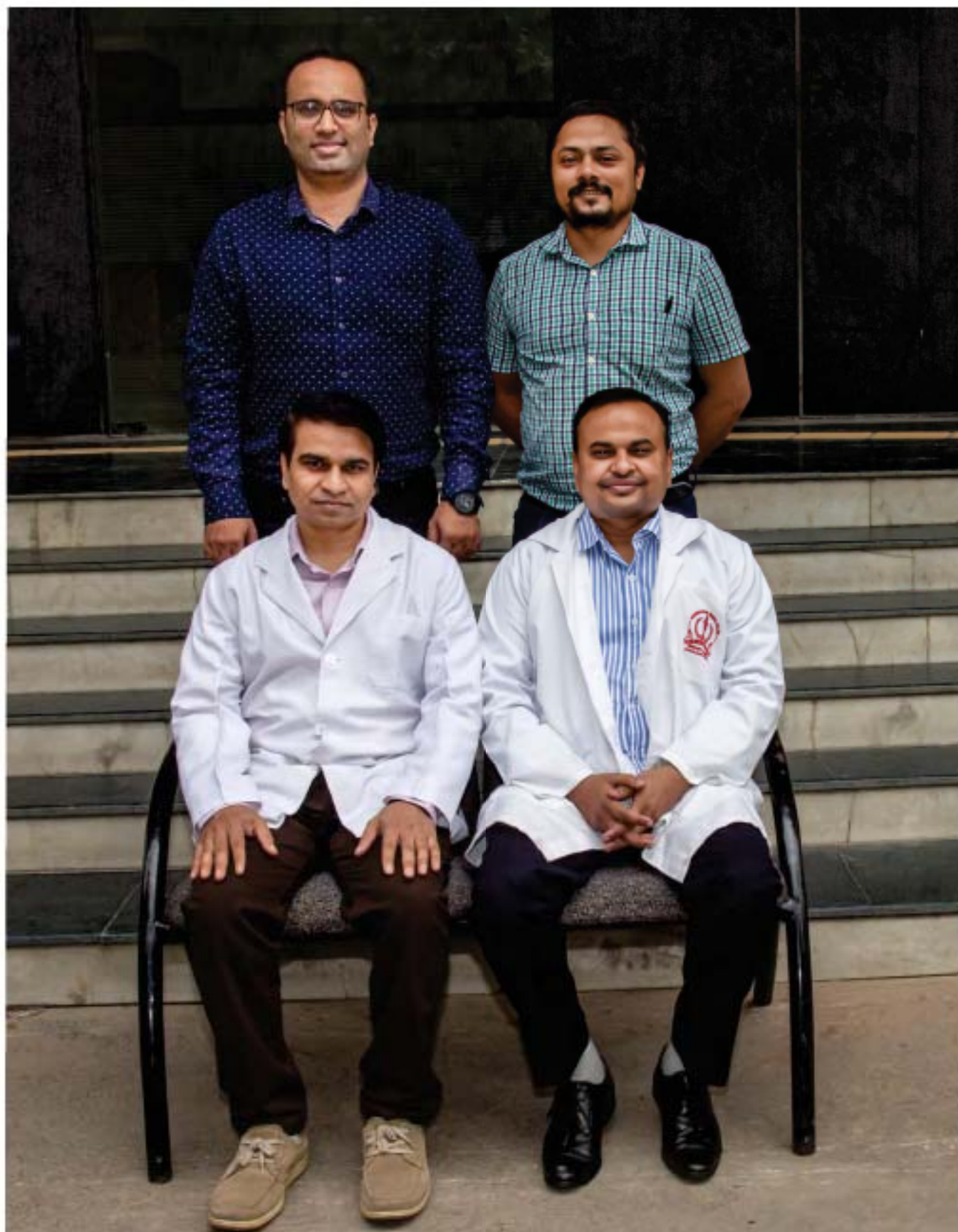
NAMES OF THE STUDENTS/RESIDENTS WHO HAVE ATTAINED DISTINCTIONS

- **Dr. Karthika Nathan**, Gold Medalist in MS (ENT) Examinations 2021 held by GGSIPU.

PUBLICATIONS OF FACULTY/ RESIDENTS

- Chaudhary N, Jaitly S, Verma RK, Gupta S. The Maxillary Swing: An Efficacious Approach to Surgical Management of Advanced Stage Juvenile Nasopharyngeal Angiofibroma. Indian Journal of Otolaryngology and Head & Neck Surgery. 2021 May 21:1-6

- Chaudhary N, Trehan S, Janardhan M, Khanna G. Mammary Analogue Secretory Carcinoma of Submandibular Gland: A Case Report with Review of the Literature. *Indian Journal of Otolaryngology & Head & Neck Surgery*. 2021 Jul 2.
- Lalhmingmawii L, Chaudhary N, Naveen P. Contact Point Headache-Evaluation and Surgical Treatment. *Int J AnatRadiol& Surg*. 2021 Apr 10(2): SO05-7
- Bhardwaj R, Lade H, Sharma A, Trehan S, Ponnusamy S. Recurrent ameloblastoma of mandible and maxilla; intricacies of management: a case series. *European Journal of Medical Case Reports*. 2021;5(3):76-80.
- Nathan K, Majhi SK, Bhardwaj R, Gupta A, Ponnusamy S, Basu C, Kaushal A. The Role of Diagnostic Nasal Endoscopy and a Computed Tomography Scan (Nose and PNS) in the Assessment of Chronic Rhinosinusitis: A Comparative Evaluation of the Two Techniques. *Sinusitis*. 2021 Mar 2;5(1):59-66.
- Lal P, Chamoli P, Tuli IP, Jaitly S, Sneha SN, Sharma S, Trehan S. Olfactory and gustatory dysfunctions in patients with laboratory-confirmed COVID-19 infection: a change in the trend. *Indian Journal of Otolaryngology and Head & Neck Surgery*. 2021 Jul 18:1-7.
- Tuli IP, Trehan S, Khandelwal K, Chamoli P, Nagendra S, Tomar A, Sharma S. Diagnostic and therapeutic endonasal rhinologic procedures generating aerosol during COVID-19 pandemic: a systematized review. *Brazilian Journal of Otorhinolaryngology*. 2021 Aug 20;87:469-77.
- Tuli IP, Khandelwal K, Trehan S, Gupta A, Nathan K. Delayed Presentation of Onodi Cell Mucocele with Optic Neuropathy: A Rare Case and Literature Review. *Indian Journal of Otolaryngology and Head & Neck Surgery*. 2021 Apr 26:1-5.
- Bhardwaj R, Tuli IP, PK MS, Gupta A, Makkar S. Cricoid Ossification Mimicking an Esophageal Foreign Body: A Victim of Overdiagnosis. *Dubai Medical Journal*. 2021;4(1):77-80.
- Nayak S, Aggarwal A, Misra RN, Tuli IP. Spontaneous Subcutaneous Emphysema with Pneumothorax with Pneumomediastinum and Epidural Air with Spontaneous Resolution. *Indian Journal of Surgery*. 2021 Apr;83(1):255-7.
- Ahmed F, Motwani G, Sahni A, Tuli IP. A Study To Determine Pre-Operative Predictors For Difficult Laryngeal Exposure In Microlaryngeal Surgery. *World J Of Ent & Head-Neck Surg*. 2021 Jul; 2(3):66-72.



***Sitting (L to R): Dr. HS Niranjana, Dr. Deepak Gupta
Standing (L to R): Dr. Lavneesh Manchanda, Dr. Gyan Ranjan Singh***

Department of Pediatric Surgery

PRELUDE:

The Department of Pediatric Surgery provides emergency and elective Surgical care to children ranging from neonatal age to 12 years. Outpatient services are on all 6 days of week. A designated 24 hours emergency OT is available to the Department to carry all emergency surgeries. Elective operations are also conducted daily in the two designated elective OT. The Department covers entire spectrum of Pediatric Surgical operations including Pediatric urological, gastro intestinal, neonatal emergencies and thoracic operations.

The annual work load of the Department of Pediatric Surgery in 2021 was as follow: -

- No. of new patients the OPD = 9627
- Member of old patient the OPD = 12,570
- Total number of patients the OPD = 22,197
- Total number of candidate patient (IPD) = 4152
- Total number of major surgical performed= 3581
- Total number of minor surgeries = 1750
- Day care surgeries= 408

FACULTY

- **Dr. Samir Kant Acharya**, Senior Specialist
- **Dr. Amit Kumar Jadhav**, Associate Professor
- **Dr. Vasanthi Ramesh**, Senior CMO
- **Dr. Anjana Sreedharan**, Assistant Professor
- **Dr. Nidhi Sugandhi**, Professor
- **Dr. Narlender Tekchandani**, CMO

FACULTY MEMBERS WHO LEFT THE DEPARTMENT

- **Dr. Deepak Bagga**, Consultant (Superannuated the July 2021)

APPOINTMENT OF FACULTY TO HIGHER POSTS / ASSIGNMENT OUT SIDE ASSIGNMENT IN ACADEMIC ASSOCIATIONS:

- **Dr Nidhi Sugandhi**-ICMR Expert Committee Member to formulate STWs for Pediatric Surgery under AB-PMJAY Health Benefit Packages, 2018-ongoing

DISTINCTIONS ACHIEVED BY THE MEMBERS OF THE FACULTY (AWARDS)

- **Dr. Vasanthi Ramesh**-Nominated by Hon. HFM as International Advisory Panel member of Tribute to Life Board, NHSBT, UK.

OTHER DISTINCTIONS

Dr. Nidhi Sugandhi

- Faculty at interview for appointment of Senior resident, Pediatric Surgery at LNJP and MAMC, July 2021
- Member of expert panel for South East Asia for developing consensus statement on Pediatrics Enteral Nutrition January 2021
- Reviewer for Indian Journal of Pediatrics, Indian Pediatrics BMJ, Journal of Pediatrics Urology, World Journal of Gastroenterology
- Executive board member of Indian Pediatrics

SEMINARS / CONFERENCES / WORKSHOPS/ CMEs ATTENDED BY THE FACULTY

Dr. Nidhi Sugandhi

- Faculty at Pediatrics Surgery Update, 11-14th - March, 2021
- Faculty at Annual Conference of Pediatric Endoscopic Surgeons of India. 19-21st – March, 2021
- Faculty talk at International Conference of Hypospadias, 12-14-Feb, 2021
- Faculty at e-teaching program for general Surgery post graduates. Scrubs 2021, December, 2020

Dr. Vasanthi Ramesh

- Participated in Webinar – Immunogenetics Congress 2021 organized by Indian Society by Addressing Corona & Transplant, 22nd – 23rd January 2021
- Participated in ISOT Webinar- Update on COVID-19 Vaccination organized by Addressing Corona 7 Transplant, 31st January 2021
- Webinar attended-on Gender Disparity in Kidney Transplantation in Asia organized, 25th February 2021
- Participate in the ILTS REAL Webinar (for Southeast Asian and South Asian regions) on "Chronic Liver Disease and Liver Transplantation: the right time to make the transition from medical

therapy, 26th February 2021

- Webinar attended – Gender Disparity in Kidney Transplantation in Asia organized by Asian Society of Transplantation Secretariat ,31st March 2021
- Participated as a Speaker in the Panel Discussion on "altruistic donation: a tool for the needy or the greedy" with international experts, 4th April 2021
- Talk on "National Judicial Academy, 5th December 2021
- Talk on "Kidney Warriors Foundation, 13th December 2021

RESEARCH: THESIS (ONGOING)

- Dr. Sahiti-Resolution of Bladder Neck Hypertrophy after cystoscopic fulguration in children with posterior value, 2021-2024, (Guide- Dr. Nidhi)
- Dr. Apoorva- Diagnostic Accuracy of prone cross table lateral X-Ray in predicting level of Rectal Pouch in Male Patients with Ano- Rectal Malformation, 2021-2024, (Guide- Dr. Nidhi)
- Dr. Utkarsh-Study of Uroflowmetry profile in operated hypospadias patients, 2021-2024, (Guide- Dr. Amit)
- Dr. Shafeek-Age Related Immunoreactivity of Calretinin and CD56 in Hirschsprung Diseases, 2021-2024, (Guide- Dr. Samir Kant Acharya)
- Dr. Vinod- Survival of neonates born with esophageal atresia with trachea-oesophageal fistula using Waterston prognostic criteria, 2021-2024, (Guide- Dr. Samir Kant Acharya)
- Dr. Vinay-Hypertension in children with pelviureteric junction obstruction and its response to pyeloplasty, 2021-2023, (Guide- Dr. Amit Kumar Jadhav)
- Dr. Varsha-Early vs late transanastomotic feeding in neonates with tracheoesophageal fistula, 2020-2023, (Guide- Dr. Nidhi).
- Dr. Shrishti Kanodia-Occurrence of Urethrocutaneous fistula following distal penile hypospadias repair using polyglactin 910 vs polydioxane, 2020-2023, (Guide- Dr. Samir Kant Acharya).

RESEARCH: THESIS (COMPLETED)

- Dr. Viji-Outcomes of dorsal midline placcation in ventral curvature correction in hypospadias with chrodee, 2019-22, (Guide-Dr. Deepak Bagga)
- Dr. Anwesa Chakraborty-A comparative study of growth of unilateral palpable descended testis as compared to its normal counterpart after orchiopexy, 2019-22, (Guide-Dr Nidhi)
- Dr. Vikram- Evaluation of decision making for initial surgery on male anorectal malformation based on clinical assessment, 2019-23, (Guide-Dr. Deepak Bagga)
- Dr. Sonalini-Incidence of vacterl anomalies in patients with oesophageal atresia with or without trachea-oesophageal fistula in a tertiary care centre, 2019-22, (Guide- Dr. Samir Kant Acharya).

PUBLICATIONS OF FACULTY/RESIDENTS

- Acharya S K, Sugandhi N, Jadhav A K, Bagga D, Tekchandani N, Sreedharan A et al. Gastric pull-up by the retrosternal route for esophageal replacement: Feasibility in a limited – resource scenario. *J Pediatric Surg.* 2021; 56(2):374-378.
- Acharya S K, Sugandhi N, Srinivas Rao P, Chakraborty G, Gupta D, Arora R. A Histopathological Study of Congenital Pouch Colon and its Impact on Management. *Tropical Gastroenterology* 2021; 42(1): 39-46.
- Samraj P, Chakraborty G, Sugandhi N, Shoor G, Acharya SK, Jadhav A et al. Primary anastomosis in difficult cases of type "C" esophageal atresia: The atraumatic micro vascular clamp technique of minimal tension with good outcome. *J Pediatr Surg.* 2021 May ;56(5):1076-1081.
- Shoor G, Sugandhi N, Acharya SK, Chakraborty G, Teckchandani N, Kour H, Bagga D. Outcomes of preputioplasty in patients undergoing TIP urethroplasty (tubularization of incised urethral plate) for distal and mid penile hypospadias. *J Pediatr Surg.* 2021 May;56(5):1076-1081.
- Kute VB, Agarwal SK, Prakash J, Guleria S, Shroff S, Sharma A et al. special article: NOTTO Covid-19 vaccine guideline for transplant recipients. *Ind J Nephrol.* 2021;31(2):89-91.
- Kute V, Agarwal SK, Prakash J, Guleria S, Shroff S, Sharma A, Varma Prasad N, Sahay M, Gupta S, Sudhindran S, Krishan K, Ramsh V, Kumar S. NOTTO COVID-19 vaccine guidelines for transplant recipients. *Ind J Transplant.* 2021;15:1-3
- Kute V, Asthana S, Gupta S, Agarwal S K, Swarnalatha, Sahay M et al. NOTTO Guildelines for Vaccine induced thrombotic thrombocytopenia in organ donation and transplantation. *Ijn_539_21.* Accepted for publication in the Indian Journal of Nephrology.
- Ramesh V, Pal C. Organ Donation and Transplantation in India in 2019; Experimental and Clinical Transplantation (2021) Oct 19.
- Hakeem RA, Ramesh V, Pradez S, Ashwin R, Gomathy N, Mettu SR, Reala M. Enlightening Young Minds: A small Step in the Curriculum, A Giant Leap in Organ Donation- A Survey of 996 Respondents on Organ Donation & Transplantation Accepted for publication in Around the world series in the journal "Transplantation" March 2021-Volume 105-Issue 3-p 459-463
- Kute VB, Ramesh V, Rela M. On the way to self-sufficiency: Improving deceased organ donation in India. *Transplantation* 2021 (TPA-2020-2353).
- Single V, Shoor G, Shoor P, Acharya SK, Peculiarities of Acute Pancreatitis in Children & appropriate management appropriate management approach; *International Journal of Medical Sciences and current Research (IJMSCR)*; 2021, Volume 4, Page No. 338-342
- Jadhav A, Chakraborty G, Sugandhi N, Acharya SK. Pyloric stricture after corrosive ingestion in children: An attempt to address the optimum management of this rarity. *International Journal of contemporary Pediatrics* oct 2021;8:1730-34
- Jadhav A, Chakraborty G, Sugandhi N, Acharya SK. Choledocal cyst perforation: experience from a centre with limited emergency resources. *International Journal of contemporary Pediatrics* oct 2021;8:1739-43.

EXTERNAL ASSIGNMENTS OF SIGNIFICANCE

- Dr Nidhi Sugandhi-ICMR Expert Committee Member to formulate STWs for Paediatric Surgery under AB-PMJAY Health Benefit

Packages, 2018-ongoing

**NAMES OF THE STUDENTS/RESIDENTS WHO
HAVE ATTAINED DISTINCTIONS**

- Dr Gunjan Shoor DNB student in department of Paediatric Surgery received All India DNB Gold Medal for Paediatric Surgery in 2021



Sitting L to R - Dr Samir Acharya ,2.Dr Archana Puri 3. Dr Vasanti Ramesh .

Standing L to R -1. Dr Amit Jadhav, 2. Dr Anjana Sreedharan 3. Dr Nidhi Sugandhi 4. Dr Narinder Tekchandani

Sports Injury Centre

PRELUDE:

• Patients seen in OPDs	117851
• In-Patient Admissions	: 2099
• Surgeries performed (Major)	: 1728
• Minor OT procedures	: 3567

FACULTY

- Dr. Ajay, Professor
- Dr. R.K. Arya, Director SIC (Prof)
- Dr. Ankit Goyal, Professor
- Dr. Himanshu Gupta, Professor
- Dr. Vineet Jain, Professor
- Dr. Deepak Joshi, Sr. Specialist (Prof.)
- Dr. Himanshu Kataria, Director-Professor
- Dr. Jaswant Kumar, Associate Prof.
- Dr. Hitesh Lal, Sr. Specialist (Prof.)
- Dr. Nitin Mehta, Professor
- Dr. Pallav Mishra, Professor
- Dr. Ankit Ruhela, Specialist Grade-III
- Dr. Davinder Singh, Director Professor
- Dr. Skand Sinha, Sr. Specialist (Prof.)

- Dr. Harlin Uppal, Assistant Prof.

NEW ADDITION TO THE FACULTY

- Dr. Harlin Uppal, Assistant Professor

FACULTY MEMBERS WHO LEFT THE DEPARTMENT

- Dr. Col. B. K. Nayak, Specialist (S.M)

DISTINCTIONS ACHIEVED BY THE MEMBERS OF THE FACULTY (AWARDS)

- TridibKanti Dutta, Podium Presentation on "Comparative evaluation of proprioceptive neuromuscular facilitation stretching with muscle energy technique in treatment of adhesive capsulitis" in DOACON 2021 (26th To 28th Nov 2021)
- Deepak Kashyap, Podium Presentation on "Comparative analysis of critical shoulder angle & acromion index in patients with or without rotator cuff tear" in DOACON 2021 (26th To 28th Nov 2021)
- Firoz Azam Khan, Podium Presentation on

"Efficacy of transcutaneous electrical nerve stimulation (tens) in arthrogenic muscle inhibition post anterior cruciate ligament reconstruction in DOACON 2021 (26th To 28th Nov 2021)

- Anamika Lohiya, Podium Presentation on "Effect of addition of names on quadriceps in post ACL reconstruction patients in DOACON 2021 (26th To 28th Nov 2021)
- Chetan R, Podium Presentation on "Comparative evaluation of clinical & functional results of early vs late open kinetic chain exercises in ACL reconstruction patients" in DOACON 2021 (26th To 28th Nov 2021)
- Surbhi Shriya, Podium Presentation on "Comparative evaluation of effectiveness of low-level laser therapy in addition to eccentric strengthening exercises to eccentric exercise alone in treatment of achilles tendinopathy" in DOACON 2021 (26th To 28th Nov 2021)
- Shubham Ahuja, Poster Presentation on "Evaluation of bone mineral density in cases of bone stress injury among sportsperson" in DOACON 2021 (26th To 28th Nov 2021)"
- Shikha Dhaundiyal, Online Webinar for SAI GOA Center on "Importance of biomechanics in sports" in sports authority of India/SAI webinar (21st Aug 2021)
- Shikha Dhaundiyal, Live Lecture On "Sports nutrition & delayed onset muscle soreness" in Jaipur shoulder knee course live lecture (27TH OCT 2021)
- Shikha Dhaundiyal, Online Lecture On "Sports medicine allied sciences for injury free performance" in Dept of Physical Education /Sports (Gymkhana) (21ST AUG 2021)
- Shikha Dhaundiyal, Online Lecture On "Scapular dyskinesia in an overhead athlete" in ISSEM live lecture series (20th april 2021)
- Aditya Sood Completed Online & Hands on Training For "Fellowship in family medicine" in apollo hospital fellowship program (25TH MAY 2021)
- Chetan Sharma, attended as A Delegate "Arthroplasty workshop" in IOACON 2021 (20th-22nd dec 2021)

- Chhewwang Utopia, attended as A Delegate "Arthroplasty Workshop" in IOACON 2021 (20TH-22ND DEC 2021)
- Ashish Chopra, attended as A Delegate Workshop On "AIIMS cadaveric hip arthroplasty current concepts in arthroplasty" in AIIMS Cadaver Conference (29TH OCT 2021)
- Lalit Joon, attended as A Delegate Workshop On "AIIMS cadaveric hip arthroplasty current concepts in arthroplasty" in AIIMS Cadaver Conference (29TH OCT 2021)
- Shreya, Pavnish, Shwetashri, Khyati, Tridib, Shubham, Prakhar, Surbhi, Chetan, Firoz, Rajat, Deepak, Anamika, Bhim Singh, Shikha & Aditya Sood, All PG's & SRs were Posted As "tournament doctor/field of play doctor" to provide medical coverage for sports event in Khelo India Womens hockey league (15th TO 21st Dec 2021)
- Shikha Dhaundiyal, Anamika & Surbhi, all 3 Doctors were posted as "TOURNAMNET DOCTOR/FIELD OF PLAY DOCTOR" to provide medical coverage of event. amongst them Dr. Shikha was cmo of the entire tournament in 5th WOMEN ELITE BOXING CHAMPIONSHIP IN HISSAR (21ST TO 27TH OCT 2021)
- Sunil Dhanger Podium Presentation on Comparison of functional outcome between all inside acl reconstruction v/s full tibial tunnel in ACL reconstruction in IOACON2021 (DEC 21ST TO 25TH)
- Sunil Dhanger, Poster Presentation on Functional outcome of bankart repair using knotless anchor in traumatic anterior shoulder instability in IOACON2021 (DEC 21ST TO 25TH)
- Shwetashri, Shreya, Pavnish, Khayati, Completed online course on antidoping guidelines for medical professional in antidoping e-learning (MAY 15TH 2021)
- Shwetashri, Shreya, Pavnish, Khayati, passed online exam for biomedical research as required by NMC curriculum in ICMR Online Course on Biomedical Research

SEMINARS / CONFERENCES / WORKSHOPS/ CMEs ATTENDED BY THE FACULTY

- Dr Ajay attended, Arthroscopy Conclave, 2021,

KGMU Lucknow on 13th & 14th, November, 2021 in KGMU Lucknow.

- Dr. Deepak Joshi attended KGMC Lucknow on 13th & 14th, November, 2021
- **RESEARCH: THESIS (ONGOING)**
- Dr. Manikandan- Evaluation of role PRP in the treatment of lateral ankle sprain from 2021-24 (Guide-Dr. R. K. Arya)
- Dr. Soni- Functional outcome of treatment of patella femoral pain syndrome (PFPS) with kinesiotope & supervised exercise therapy from 2021-24 (Guide-Dr. Skand Sinha)
- Dr. Happy- Effectiveness of addition of Blood flow restriction therapy to standard rehabilitation protocol following anterior cruciate ligament reconstruction from 2021-24 (Guide-Dr. Himanshu Kataria)
- Dr. Bharat- Evaluation of Role of Kinesis taping in early post operation rehabilitation after anterior cruciate ligament reconstruction from 2021-24 (Guide-Dr. Davinder Singh)

RESEARCH: THESIS (COMPLETED)

- Dr. Khyati- Effectiveness of Prolotherapy in Addition to Plantar Fascia Stretches to Plantar Fascia Stretches Alone in the Treatment of Chronic Plantar Fasciitis from 2020-23 (Guide-Dr. A.K. Arya)
- Dr. Shwetarsi Mohanta- Clinico-Radiological Evaluation of Modified Posterior Shoulder Stretching Exercises in The Management of Subacromial Impingement Syndrome from 2020-23 (Guide- Dr. Hitesh Lal)
- Dr. Shreya Rasanian- A Cross Sectional Study on Assessment of Isokinetic Strength in Bilateral Knee Extensors and Flexors in Young College Going Population from 2020-23 (Guide- Dr. Himanshu Kataria)
- Dr. Pavnish Yadav- Comparative Analysis of Effectiveness of Deep Oscillation Therapy Versus Ultrasonic Therapy in Lateral Epicondylitis from 2020-23 (Guide-Dr. Deepak Joshi)
- Dr. Rajat Kumar- Evaluation of body mass index in Anterior cruciate ligament injury from 2020-23 (Guide-Dr. Vineet Jain)

PUBLICATIONS OF FACULTY/RESIDENTS

- Decreased motion with normal strength after Latarjet procedure has minimal impact on return to activity. Skand Sinha, Santanu Kar, Ananta K. Naik, Jaswant Kumar, Rakesh Goyal, Vijay K. Jain, Rajendra K. Arya. Knee Surg Sports Traumatol Arthrosc. 2021 Jan 18.
- Management Guidelines for Infection After ACL Reconstruction: Expert Opinion Statement Based on the Modified Delphi Survey of Indian Arthroscopy Surgeons. Geethan I et al. JOIO. 2021 Feb 1;55(2):342-351.
- Postoperative clinical outcome between lateral retraction and eversion of patella following simultaneous bilateral total knee arthroplasty. Chowdhury S, Arya RK, Sinha S, Naik AK, Jain VK. J Clin Orthop Trauma. 2021 Feb 16; 17:74-77.
- Is Revision Bankart Repair with Remplissage a Viable Option for Failed Bankart Repair in Non-contact Sports Person Aiming to Return to Sports? Sinha, S., Mehta, N., Goyal, R., Goyal A, Joshi D, Arya RK. Indian J of Orthopaedics, Indian J Orthop. 2021 May 7;55(Suppl 2):359-365.
- Anomalous origin of the long head of biceps on a patient with anterior shoulder o and long-term results of its repair Ankit Goyal. Dheren Mondal, Chetan Sharma, Rakesh Goyal, Pallav Mishra. Indian Journal of case reports. Vol 7, issue 7, July 2021 pages pg 285-287.
- Arthroscopic capsular release for adhesive capsulitis secondary to diabetes provides better functional outcome than conservative management Kanishk Bansiwala, Prashant Bhavani, Bhim Singh, Ankit Goyal, Ananta K. Naik, Skand Sinha. JASSM. Dec 2021 3(1):12-17
- Ensuring safety from COVID -19 in arthroscopic surgery Arya RK, T Chhewang, Joshi D, Kumar J., Goyal A, Lal H, Sinha H. Journal of Boint and Joint diseases. Volume 36. Issue 3. September-December 2021
- A Hospital Based Prospective Clinical Study to Evaluate the Efficacy of Bipolar Hemiarthroplasty in Arthritis of The Hip Joint Sunil Yadav¹, Sumit Arora², Ajay³, International Journal of Health and Clinical Research, 2021;4(22):138-141.

- Arya RK, Topgia C, Joshi D, Kumar J, Goyal A, Lal H, Sinha S. Ensuring Safety from COVID-19 in Arthroscopic Surgery. *Journal of Bone and Joint Diseases*. Volume 36. Issue 3. 2021: 48-50.
- Chowdhury S, Arya RK, Sinha S, Naik AK, Jain VK. Postoperative clinical outcome between lateral retraction and eversion of patella following simultaneous bilateral total knee arthroplasty. *J Clin Orthop Trauma*. 2021 Jun; 17:74-7.
- Dhaka DA, R DL, Singh DD. Clinical and functional outcome of arthroscopic management of intra articular elbow disorders. *Int J Orthop Sci*. 2021;7(2):705-11.
- Geethan I, Easwaran R, Sahanand S, Sivaraman A, Gupta A, Devgan A, et al. Management Guidelines for Infection After ACL Reconstruction: Expert Opinion Statement Based on the Modified Delphi Survey of Indian Arthroscopy Surgeons. *Indian J Orthop*. 2021 Apr;55(2):342-51.
- Guha M, Lal H, Boruah T, Kumar S, Sareen A, Patralekh MK, et al. Clinico-Radio-Histopathological Correlation by C-Arm Image-Guided Biopsy in Spinal Tuberculosis. *Indian J Orthop*. 2021 Aug;55(4):1028-36.
- Gupta H, Kataria H, Batta NS, Yadav S, Jain V. Assessment of validity and reliability of femoral shaft-patellar tendon angle measured on MRI. *Skeletal Radiol*. 2021 May;50(5):927-36.
- Jain VK, Upadhyaya GK, Iyengar KP, Patralekh MK, Lal H, Vaishya R. Impact of COVID-19 on Clinical Practices during Lockdown: A pan India Survey of Orthopaedic Surgeons. *Malays Orthop J*. 2021 Mar;15(1):55-62
- Patralekh MK, Vaish A, Vaishya R, Gulia A, Lal H. Trends of publication in the orthopedic journals from India: A bibliometric analysis. *IJMS*. 2021 May 29;73(1):134-40.
- Sinha S, Kar S, Naik AK, Kumar J, Goyal R, Jain VK, et al. Decreased motion with normal strength after Latarjet procedure has minimal impact on return to activity. *Knee Surg Sports Traumatol Arthrosc*. 2021 Aug;29(8):2579-86.
- Sinha S, Mehta N, Goyal R, Goyal A, Joshi D, Arya RK. Is Revision Bankart Repair with Remplissage a Viable Option for Failed Bankart Repair in Non-contact Sports Person Aiming to Return to Sports? *Indian J Orthop*. 2021 Jul;55(Suppl 2):359-65.
- Guha M, Lal H, Boruah T, Kumar S, Sareen A, Patralekh MK, Kumar R, Khanna G. Clinico-Radio-Histopathological Correlation by C-Arm Image-Guided Biopsy in Spinal Tuberculosis. *Indian J Orthop*. 2021 Feb 18;55(4):1028-1036.
- Jain VK, Upadhyaya GK, Iyengar KP, Patralekh MK, Lal H, Vaishya R. Impact of COVID-19 on Clinical Practices during Lockdown: A pan India Survey of Orthopaedic Surgeons. *Malaysian Orthopaedic Journal*. 2021 March;15(1):55-62.
- Patralekh MK, Vaish A, Vaishya R, Gulia A, Lal H. Trends of publication in the orthopedic journals from India: A bibliometric analysis. *Indian J Med Sci* 2021;73(1):134-40.
- Patralekh MK, Lal H. 3D Printing: Clinical Applications in Orthopaedics and Traumatology. In *The Hip Joint 2021* Nov 10(pp.121-156). Jenny Stanford Publishing.
- Batta NS, Mittal M, Batra V, Jain V. Isolated infraspinatus atrophy in elite volleyball player- understanding the biomechanics, imaging and outcome. *Indian J Musculoskeletal Radiol*.
- Ahuja S, Mittal M, Gupta H, Jain V, Kataria H. Evaluation of bone mineral density in cases of bone stress injury among sportsperson. Accepted for publication in *Journal of Arthroscopic Surgery in Sports Medicine*. (Paper accepted in 2021)

SIGNIFICANT FACILITY CREATED IN THE CURRENT YEAR:

EXPANSION OF SPORTS INJURY CENTRE:

- Major milestone achieved as the Centre has been approved for expansion with the allotment of 0.75 hectares of additional land & approval of the DPR in March 2018 and the SFC in July 2018 by the Min of Health & FW. The construction and the process for acquisition of equipment, manpower etc is already underway.
- The centre aims to be one of the biggest such centre in Asia with a bed strength of 156 beds and facilities of Sports Medicine and Sports Sciences

besides Sports and Arthroscopic surgeries.
NBCC is the project implementing agency for this
project



Sitting L to R - Dr Skand Sinha, Dr Hitesh Lal, Dr R K Arya,
Dr Deepak Joshi, Dr Davinder, Dr Vineet Jain
Standing (L to R) - Dr Jaswant Kumar, Dr Nitin Mehta, Dr Ajay,
Dr Pallav Mishra, Dr Harleen Uppal

Department of Urology & Renal Transplant

PRELUDE:

- Patients seen in OPDs/Tests done- 46000
- In-patient admission/Tests done-6800
- Total number of surgeries performed- 4800
- Other relevant data - U/S KUB – 16, UFR – 2200, Urodynamic Studies – 460

FACULTY

- **Dr. R P Arora**, CMO
- **Dr. Abhishek Johari**, Assistant Professor
- **Dr. Anup Kumar**, Professor & Head
- **Dr. Niraj Kumar**, Associate Professor
- **Dr. Sandeep Kumar**, Associate Professor
- **Dr. Ruchi Mittal**, Associate Professor
- **Dr. Pawan Vasudeva**, Professor
- **Dr. Siddharth Yadav**, Associate Professor

NEW ADDITION TO FACULTY

- **Dr. Sumit Aggrawal**, Assistant Professor
- **Dr. Y.M. Prashanth**, Assistant Professor
- **Dr. Vijay Singh**, Assistant Professor

FACULTY MEMBERS WHO LEFT THE DEPARTMENT

- **Dr. Arun Makkar**, Assistant Professor

Visiting faculty assignment

Dr. Anup Kumar

- Urology Society of India
- Urology Society of India North Zone
- Genitourinary Cancer Society of India
- Robotic Urology Forum
- North Zone Council member
- Honorary Secretary
- Honorary Secretary
- Executive Council Member

Dr. Pawan Vasudeva

- School of NeuroUrology, International Continence Society (ICS), Board Member,
- Indian Chapter of International Neuro Urology Society, President
- Female and Functional Urology section of Urological Society of India, Member
- Indian Continence Society, Chief Scientific Advisor

DISTINCTIONS ACHIEVED BY THE MEMBERS OF THE FACULTY (AWARDS)

Dr Anup Kumar

- Dr. Anup Kumar was awarded the prestigious "Honorary Faculty of Eminence", by the Biggest and most prestigious Urology Society of India - Indian School of Urology in 2021 for being the First Robotic mentor for training Young Urologists, in Indian School of Urology-Urology Society of India.
- Dr Anup Kumar was felicitated by the Chief Guest, President Indian Medical Association Dr JA Jayalal during 31 Annual conference of NZUSICON 2021 commemorating with 75 Diamond anniversary of Indian Independence, for exemplary contribution in field of Urology during Covid Pandemic and also felicitated on successful completion of his 2 years tenure of Honorary Secretary Urology society of India North Zone.
- Formulated Indian Ca Prostate Guidelines, as Convener appointed by Urology Society of India.
- Dr. Anup Kumar was elected as the Council member of North Zone for Urology Society of India
- Dr. Anup Kumar was selected as the Honorary Secretary of Genitourinary Cancer Surgeons of India (GUCSI)
- Dr Anup Kumar was selected as the Council member of Robotic Urology Forum of India.
- Dr Anup Kumar was awarded the prestigious award "Outstanding contribution in Indian Urology", In 2021, to develop Robotic/ Laparoscopy subspeciality by the Biggest and most prestigious Urology Society of India -Indian School of Urology

Other Distinctions

Dr. Anup Kumar

- Secretary, Urology Society of India North Zone
- North Zone Council member, Urology Society of India
- Nodal officer for Oncology, Robotics and Renal Transplant, SJH and VMMC
- Honorary Secretary, Genitourinary Cancer Society of India
- Nodal Officer for Oncology, Robotics and Renal Transplant in Safdarjung Hospital

- Member Secretary of Tumor Board in Safdarjung Hospital
- Expert panel member of Apex Technical Committee to NOTTO
- Expert panel member of the National Appellate authorization committee for Renal Transplant by ministry of Health and Family welfare, Govt of India
- Unique distinction in the country of formulating the National Standard Treatment Guidelines for Urology, for Ministry of Health and Family Welfare, Govt of India.
- Unique distinction to be appointed as Co-chairman of the committee to formulate standard treatment flowcharts for various diseases in Urology by Niti Ayog Ministry of Health and Family Welfare Govt of India and ICMR.
- Started the First time in India, International Live 3-D Laparoscopic surgeries Web Cast, showing complex uro-oncology and reconstructive surgeries since 2018, twice in a month
- Started the National Laparoscopic training program for young urologists including wet lab training for first time in India since July 2018
- Started First time in India, National Cadaveric Hands-on training laparoscopic program, involving both upper tract and lower tract surgeries
- National Convener for promotion of Organ Donation Urology Society of India and NOTTO
- National Convener for formulating Prostate Cancer Guidelines by Urology Society of India
- Expert panel member of Urology Specialist Board, National Board of Examination, MOHFW GOI
- Expert Panel member of National List of Essential Medicines, ICMR, MOHFW GOI
- Executive Council member, Robotic Urology Forum of India

Dr. Pawan Vasudeva

- Chief Scientific Advisor to the "Indian Continence Society"
- President, Indian Chapter of International NeuroUrology Society
- Core Panel Member for "USI guidelines on

Urinary Incontinence"

- "Committee Member" to the Neuro Urology Promotion Committee of the International Continence Society [ICS]
- Board Member, School of NeuroUrology, International Continence Society
- Founding Member (from India) of the International Neuro Urology Society, Switzerland

SEMINARS/CONFERENCES /WORK SHOPS / CMEs HELD IN THE DEPARTMENT:

- NZUSI CME – Uro Golden Eye, 18 April 2021
- NZUSI Urology Post graduates online teaching sessions in May and June 2021
- NZUSI Urology Post graduates online teaching session, 1, 8 May 2021
- NZUSI Urology Post graduates online teaching session 2, 23 May 2021
- NZUSI Urology Post graduates online teaching session 3, 6 June 2021
- NZUSI Urology Post graduates online teaching session 4, 6 June 2021
- International updates on recent advances in Uro-oncology, 27 June 2021
- International Endourology – Past and Present, 25 July 2021
- Recent International Update in metastatic CRPC, 23 Oct 2021
- NZUSI physical cum hybrid midterm CME on Female Urology, at Sher-i-Kashmir Institute of Medical Sciences in Srinagar, 9-10 Oct 2021
- Masterclass in metastatic Ca prostate, 13 Nov 2021
- 31st annual conference, Annual NZUSICON 2021, 16-18 Dec 2021

SEMINARS / CONFERENCES / WORKSHOPS / CMES ATTENDED BY THE FACULTY

Dr. Anup Kumar

- Annual DUSCON, 3rd Jan, 2021
- International Masterclass: Treatment and management of renal cell carcinoma in new millennium 2021 and beyond, 15th Jan, 2021.
- 30th Annual Conference, Annual NZUSICON 2020, 22nd to 24th Jan, 2021
- Annual Conference of USICON 2021, New Delhi

- 7th Live Advanced LapUro Workshop - Ahmedabad
- NZUSI CME – Uro Golden Eye" on 18 April 2021.
- NZUSI Urology Post graduates online teaching session 1 - on 8 May 2021.
- NZUSI Urology Post graduates online teaching session 2 - on 23 May 2021.
- NZUSI Urology Post graduates online teaching session 3 - on 6 June 2021.
- NZUSI Urology Post graduates online teaching session 4 - on 6 June 2021.
- International updates on recent advances in Uro-oncology on 27 June 2021
- International Endourology – Past and Present on 25 July 2021 .
- World Robotic Symposium, 21 Aug 2021
- Annual Brazilian Conference, May 2021
- Annual Emirates Urology Conference, July 2021
- Recent International Update in metastatic CRPC, 23.10.21
- NZUSI physical cum hybrid midterm CME on Female Urology, at Sher-i-Kashmir Institute of Medical Sciences in Srinagar, 9-10.10.2021
- 31st Annual conference, Annual NZUSICON 2021, 16-18.12.2021
- Masterclass in metastatic Ca prostate – Annual Conference- USICON, 13.11.2021

Dr. Pawan Vasudeva

USICON, 12-14th Feb.2021

RESEARCH: THESIS (ONGOING)

- Dr Y M Prashanth-Outcomes of 3D laparoscopic transperitoneal donor nephrectomy in living donors- a prospective observational study, (Guide- Dr Anup Kumar), 2017-19
- Dr Kumar Saurav- Outcomes of 3D laparoscopic dismembered pyeloplasty for management of primrayuretero pelvic junction obstruction-a prospective study, , (Guide- Dr Anup Kumar), 2017-19
- Dr. Vishnu Prasad-Safety and efficacy of mirabegron in spinal cord injury patients with overactive bladder, (Guide- Dr Pawan Vasudewa), 2017-19
- Dr. Vijay Tyagi-Safety and efficacy of autologous

transobturator mid urethral sling for female stress urinary incontinence, (Guide- Dr Pawan Vasudewa), 2017-19

- Dr. Vijay Singh-Evaluation of outcomes of transperitoneal 3D laparoscopic partial nephrectomy- a prospective study, (Guide- Dr Anup Kumar), 2018-20
- Dr. Samarth Patel-Prospective evaluation of outcomes of transperitoneal 3D laparoscopic prostatectomy, (Guide- Dr Anup Kumar), 2018-20
- Dr. Prashant Yadav- (Guide- Dr Anup Kumar), 2018-20
- Dr. Sumedhankar Sagar-A prospective randomised study comparing two doses of botulinum toxin for the treatment of refractory overactive bladder in parkinsonism patients, (Guide- Dr. Pawan Vasudewa), 2018-20
- Dr Amitabh Kumar- A prospective randomized study comparing efficacy and safety of mirabegron versus darifenacin for the treatment of overactive bladder in patients with cerebrovascular accident, (Guide- Dr Pawan Vasudewa), 2018-20

RESEARCH: THESIS (COMPLETED)

- Dr Pankaj Gupta- Comparative study of complications in supracostal versus infracostal access approaches using percutaneous nephrolithotomy, (Guide- Dr Anup Kumar), 2016-2018

PUBLICATIONS OF FACULTY / RESIDENTS

- Kumar A, Patel VR, Panaiyadiyan S, Seetharam Bhat KR, Moschovas MC, Nayak B. Nerve-sparing robot-assisted radical prostatectomy: Current perspectives. *Asian J Urol.* 2021;8(1):2-13.
- Tandogdu Z, Collins J, Shaw G, Rohn J, Koves B, Sachdeva A, Ghazi A, Haese A, Mottrie A, Kumar A, et al. Management of patients who opt for radical prostatectomy during the coronavirus disease 2019 (COVID-19) pandemic: an international accelerated consensus statement. *BJU Int.* 2021;127:729-41.
- Yadav S, Kumar A. Editorial comment on Outcomes of ultrasound-guided percutaneous nephrolithotomy for treatment of large stones

within nonfunctioning atrophic kidneys 2021; 28(3):260.

- Yadav S, Kumar A. Editorial comment on "Efficacy of the opened legs position for protecting against post operative rhabdomyolysis after robot assisted radical prostatectomy: a propensity scores matched analysis of peri- operative outcomes" accepted for publication in *International Journal of Urology* 2021.
- Kanwar VS, Kumar A et al. Comparison of clinical outcomes of 2D,3D and Robot assisted Pyeloplasty – A propensity score matched single centre experience. *Intl J of Med Sci and Cur Res (IJMSCR).* 2021;4(6):903-8.
- Vasudeva P, Tyagi V, Kumar N, Yadav S, Prasad V, Iyer SG. "Mesh free" autologous transobturator mid urethral sling placement for predominant stress urinary incontinence: A pilot study. *NeurourolUrodyn.* 2021;40(2):659-65.
- Vasudeva P, Prasad V, Yadav S, Kumar N, Saurav K, Prashanth YM, et al. Efficacy and safety of mirabegron for the treatment of neurogenic detrusor overactivity resulting from traumatic spinal cord injury: A prospective study. *NeurourolUrodyn.* 2021;40(2):666-71.
- Vasudeva P, Kumar A, Yadav S, Kumar N, Chaudhry N, Prasad V, et al. Neurological safety and efficacy of darifenacin and mirabegron for the treatment of overactive bladder in patients with history of cerebrovascular accident: A prospective study. *NeurourolUrodyn.* 2021 Nov;40(8):2041-7.

Chapters in book

- **Kumar A, Yadav S.** Management of localized and locally advanced prostate cancer.
- *Handbook on Urological Malignancies.* Springer.

GUEST LECTURES DELIVERED BY THE FACULTY Dr Anup Kumar

International

- Kumar A. Nerve sparing Robotic radical prostatectomy. *World Robotic Symposium*, 21 Aug 2021
- Robotic partial Nephrectomy – Annual Brazilian Conference, May 2021
- Robotic radical prostatectomy in locally advanced Ca prostate – Annual Emirates Urology Conference, July 2021

National

- 3-D Lap– A game changer in Urology? - Annual USICON 2021, Delhi
- Robotic Adrenalectomy in pheochromocytoma- Annual USICON 2021, Delhi
- 3-D Lap radical prostatectomy – in PURE Urology Forum, 17 May 2021
- Early BCR –When to intervene? - International updates on recent advances in Uro-oncology on 27 June 2021
- Current status of metastatic Ca prostate -Recent International Update in metastatic CRPC on 23 Oct 2021
- Robotic anterior exenteration - Midterm CME on Female Urology, at Sher-i-Kashmir Institute of Medical Sciences in Srinagar on 9-10 Oct 2021.
- 3-D Lap radical prostatectomy – 7th Live Advanced Lapuroworkshop-17 Oct Ahmedabad
- Current status of 3-D Laparoscopy in Urology?- 31st annual conference, Annual NZUSICON 2021 on 16-18 Dec 2021, Hotel Le Meridian, New Delhi
- Current challenges in organ Donation in North India -31st annual conference, Annual NZUSICON 2021 on 16-18 Dec 2021, Hotel Le Meridian, New Delhi
- Robotic partial nephrectomy in complex hilar masses-31st annual conference, Annual NZUSICON 2021 on 16-18 Dec 2021, Hotel Le Meridian, New Delhi
- Role of Genetic testing in Ca prostate - Masterclass in metastatic Ca prostate – 13 Nov 2021.
-

Guest lectures delivered by Dr.Pawan Vasudeva :

National

- Lecture on "Medical Management of Neurogenic Bladder in the Paediatric population". 15th DUSCON, Delhi 25th December

New courses / subjects introduced during the year

- Started First time in India, International Live 3-D Laparoscopic surgeries Web Cast, showing complex uro-oncology and reconstructive surgeries since 2018, twice in a month
- Started the National Laparoscopic training program for young urologists including wet lab

training, for the first time in India since July 2018.

- The department has also recently conducted successfully in 2018, first time in India, National Cadaveric Hands-on training laparoscopic program, involving both upper tract and lower tract surgeries.

SIGNIFICANT ACHIEVEMENT DURING THE YEAR

- The department has started the First time in India, International Live 3-D Laparoscopic surgeries Web Cast, showing complex uro-oncology and reconstructive surgeries since 2018, twice in a month
- This has been integrated with the E-Health online education program of Ministry of Health and Family Welfare, Govt of India, now connected with 52 Medical colleges across India, first such program in Urology in India
- The department has started the National Laparoscopic training program for young urologists including wet lab training, for first time in India since July 2018
- The department has also recently conducted successfully, First time in India National Cadaveric Hands-on training laparoscopic program, involving both upper tract and lower tractsurgeries
- Dr Anup Kumar has been appointed as Co-chairman of the committee to formulate standard treatment flowcharts for various diseases in Urology by NitiAyog, Ministry of Health and Family Welfare Govt of India and ICMR
- Dr. Anup Kumar has been appointed as National Convenor for Cancer registry for Urological Malignancies, appointed by Urology Society of India
- Dr. Anup Kumar has been appointed as National Convenor for promotion of Organ Donation Urology Society of India and NOTTO.
- Dr. Anup Kumar has been appointed as Expert panel member of the National Appellate authorization committee for Renal Transplant by ministry of Health and Family welfare, Govt of India
- Dr Anup Kumar has been appointed as Expert panel member of Apex Technical Committee to

NOTTO

- Dr. Anup Kumar has the unique distinction in the country of formulating the National Standard Treatment Guidelines for Urology, for Ministry of Health and Family Welfare, Govt of India. (https://www.aiimsrishikesh.edu.in/documents/8_urology_goi.pdf)
- Dr. Anup Kumar has been Invited as National Operating Faculty in many conferences to show Live 3-D laparoscopic surgeries
- Dr. Anup Kumar has been appointed by NMC for inspection of various institutes across India to either start or to increase the number of seats in MCh Urology residency program.
- Dr. Anup Kumar has been appointed as Expert panel member of Apex Technical Committee to NOTTO
- Dr. Anup Kumar has been appointed as Expert panel member of the National Appellate authorization committee for Renal Transplant by ministry of Health and Family welfare, Govt of India
- Dr Anup Kumar was awarded the prestigious "Honorary Faculty of Eminence", the Biggest and most prestigious Urology Society of India -Indian School of Urology in 2021, for being the First

Robotic mentor for training Young Urologists, in Indian, by Indian School of Urology -Urology Society of India

- Dr. Anup Kumar was felicitated by the Chief Guest, President Indian Medical Association Dr JA Jayalal, during 31 Annual conference of NZUSICON 2021, commemorating with 75 Diamond anniversary of Indian Independence, for exemplary contribution in field of Urology during Covid Pandemic and also felicitated on successful completion of his 2 years tenure of Honorary Secretary Urology society of India North Zone
- Dr. Anup Kumar has formulated Indian Ca Prostate Guidelines, as Convener appointed by Urology Society of India.
- Dr Anup Kumar was elected as the Council member of North Zone for Urology Society of India
- Dr Anup Kumar was selected as the Honorary Secretary of Genitourinary Cancer Surgeons of India (GUCSI)
- Dr. Anup Kumar was selected as the Council member of Robotic Urology Forum of India.



Standing 1st row (Left to Right): Dr R P Arora, Dr Anup Kumar (HOD), Dr Pawan Vasudeva

Standing 2nd row (Left to Right): Dr Sandeep Kumar, Dr Siddharth Yadav, Dr YM Prashanth
Dr Abhishek Johari, Dr Sumit Aggarwal

Samaritan Sciences

- Anaesthesiology, Intensive Care & Pain Medicine • Blood Bank
- College of Nursing • Dietetics • Nuclear Medicine
- Physical Medicine & Rehabilitation • Radiodiagnosis

Department of Anaesthesiology, Intensive Care & Pain Medicine

PRELUDE

Department of Anaesthesiology and Intensive Care is the largest department of the hospital comprising of around 75 faculty, over 110 senior residents, over 150 junior residents and numerous technical staff. The department runs multiple operation theatres for various surgical specialties and super-specialties including emergency theatres. There are multiple ICUs, red zones in casualty, PAC clinics, pain clinics and palliative care under this department, with round the clock coverage in all areas of emergency.

The faculty of the department is actively involved in teaching and training, especially skill-based learning. One of the best examples of this is the hospital wide Basic Life Skills (BLS) training undertaken by the department. There is also a centre for training under the Indian Resuscitation Council. There are numerous BLS/ACLS, COLS, ATLS and NELS certified faculty in the department, apart from qualified Intensivists taking care of the huge Intensive Care sub-division. The department takes part in multiple training

programmes/conferences/workshops on a regular basis and the faculty, senior residents and junior residents are encouraged to upgrade their CME/CPD (Continued Medical Education/Continued Professional Development).

LOCATION OF THE DEPARTMENT

The office of the Department of Anaesthesia is located on the ground floor in the main Operation Theatre building, which is situated between New Emergency Block (NEB) and Central Institute of Orthopaedics (CIO). This area houses the office of the HOD, rooms for various faculty, a faculty common room, pain clinic, PAC clinic, departmental store, and a skill lab for training purposes. There are 4 non- COVID ICUs under the department, 3 of which are in the NEB and 1 in Super-Specialty Block (SSB).

SERVICES OFFERED BY THE DEPARTMENT

The department of Anaesthesiology and Intensive Care offers multiple services throughout the hospital, in various buildings.

The department runs selective operation theatres, during routine hospital hours, for the various surgical specialties and super-specialties.

- General surgery – main OT building
- Oncosurgery – main OT building
- Urology – in SSB
- Neurosurgery – in SSB
- Cardio-thoracic and Vascular Surgery – in SSB
- ENT – main OT building
- Gynaecology and Obstetrics – in their department
- Ophthalmology - OPD building
- Orthopaedics – main OT building
- Paediatric Surgery – main OT building
- Burns and Plastic Surgery - in their department
- Sports Injury Centre - in their department

Apart from these, round-the-clock emergency operation theatres are run in the following areas.

These are manned by adequate senior and junior residents on floor, and faculty on-call.

- New Emergency Block (7 OTs for all surgical specialties)
- Maternity block (2 OTs)
- 1 OT in Super-Specialty Block (for CTVS).

Qualified technical staff, managed by the department are posted in each OT. The OTs also have latest equipment like video laryngoscopes, portable ultrasounds and fiberoptic bronchoscopes, along with other latest airway devices.

Apart from OTs, the department runs multiple ICUs. There are 50 non-COVID ICU beds, spread out in 4 different ICUs (3 in NEB and 1 in SSB). The ICUs are manned round-the-clock by residents on floor and faculty rounds regularly, including weekends and holidays. These units accept patients from all medical and surgical specialties, based on triage and availability of beds. Each ICU bed has a high-end ventilator, and the ICU units have facility of fiberoptic bronchoscopy as well as portable ultrasound and point-of-care testing equipment.

The COVID ICU was set up in SSB by the Department of Anaesthesiology in Feb 2020. The number of beds have been increased as per the COVID cases in the country. At the peak of second wave, the department was running an 80 bedded COVID ICU facility, with round-the-clock coverage. The COVID ICUs were

provided with portable ultrasounds, video laryngoscopes and point-of-care testing equipment.

The department also mans the Red Zone or Examination Hall-1 in casualty of NEB. this zone receives the unstable and sick patients received in the casualty. The anaesthesiology doctors posted here stabilize the patients and then shift them to their respective specialties. This zone also has full time coverage by residents with on-call faculty. Red zone also has a portable ultrasound and point-of-care testing facility.

Apart from these emergency zones, the department also provides resident posting in cardiac cath labs for emergency cardiac catheterizations and procedures. Also, round-the-clock anaesthesia residents are posted in CTVS ICU for assistance to surgeons in running the ICU. Residents are also posted in the radiology suite for getting CT, MRI, DSA and interventional radiological procedures done under sedation and anaesthesia.

The department also runs a Pre-Anaesthetic Check-up (PAC) Clinic in the department for assessment of patients scheduled for surgeries. Apart from this, a Pain Clinic is run under the department, where apart from prescription medication, various interventional procedures are performed. An ultrasound is dedicated to the Pain Clinic. The department also has a Palliative Care clinic which caters to the terminal malignancy patients amongst others for pain relief. Many interventional procedures are performed by the palliative care team.

FACULTY

- **Dr. Nidhi Aggarwal**, Specialist Grade-I & Professor
- **Dr. Shipra Aggarwal**, Professor & Assoc. Professor
- **Dr. Gaurav Arora**, Cmo (Nfsg)
- **Dr. Neha Baduni**, Asstt. Professor & Asstt. Professor
- **Dr. Sushmita Balragi**, Asstt. Professor Ad-Hoc
- **Dr. J.K. Bajaj**, Consultant & Professor
- **Dr. Madhu Bala**, Assoc. Professor & Asstt. Professor
- **Dr. Ira Balakrishnan M.**, Assoc. Professor & Asstt. Professor

- Dr. Charu Bamba, Consultant & Professor
- Dr. Sonali Banwait, Assoc. Professor
- Dr. Sapna Bathla, Assoc. Professor
- Dr. Udismita Baruah, Assoc. Professor
- Dr. P.S. Bhatia, Consultant & Professor
- Dr. Diksha Bigamal, Asstt. Professor
- Dr. Nikhilesh Chandra, CMO (SAG)
- Dr. Mahesh Chandra, Assoc. Professor
- Dr. Renu Chauhan, Asstt. Professor
- Dr. Priyanka H. Chhabra, Assoc. Professor
- Dr. Pratiti Choudhuri, Assoc. Professor
- Dr. Arin Choudhury, Assoc. Professor
- Dr. Vanya Chugh, Assoc. Professor
- Dr. Niti Dalal, Asstt. Professor Ad-Hoc
- Dr. Madhu Dayal, Specialist Gr-I & Professor
- Dr. Sahil Diwan, Assoc. Professor
- Dr. Ranju Gandhi, Professor
- Dr. Anoop R. Gogia, Consultant & Professor
- Dr. Amita Gupta, Consultant & Professor
- Dr. Arushi Gupta, Professor
- Dr. Kapil Gupta, Professor
- Dr. Poonam Gupta, Consultant & Professor
- Dr. Pramod Gupta, Consultant & Professor
- Dr. Shweta Gupta, SMO
- Dr. Sushil Guria, Sr. Specialist Gr-I & Assoc. Professor
- Dr. Mansi Jain, Asstt. Professor
- Dr. Shruti Jain, Assoc. Professor
- Dr. Swati Jain, Asstt. Professor
- Dr. Binita Jaiswal, Specialist Gr-III
- Dr. Amandeep Jaswal, Assoc. Professor
- Dr. Nishtha Kachru, Assoc. Professor
- Dr. Mahak Kakkar, Asstt. Professor
- Dr. Suniti Kale, Consultant & Professor
- Dr. Wahaja Ahmed Karim, Asstt. Professor
- Dr. Deepa K. Khurana, Assoc. Professor
- Dr. Santvana Kohli, Assoc. Professor
- Dr. Bhavya Krishna, Asstt. Professor
- Dr. Ajay Kumar, Assoc. Professor
- Dr. Krishan Kumar, CMO (SAG)
- Dr. Meenakshi Kumar, Consultant & Professor
- Dr. Pravin Kumar, Assoc. Professor
- Dr. Surinder Kumar, SMO
- Dr. Virender Kumar, CMO (SAG)
- Dr. Dharam Singh Meena, Director Professor

- Dr. Meenakshi Mourya, Specialist
- Dr. Pratibha Mudgal, Asstt. Professor
- Dr. Parul Mullick, Professor
- Dr. Saurav Mitra Mustafi, Assoc. Professor
- Dr. Pavan Nayyar, Consultant
- Dr. Dimple Pande, Assoc. Professor
- Dr. Smita Prakash, Consultant & Professor
- Dr. Mamta Panwar, Professor
- Dr. Saveena G. Raheja, CMO (SAG)
- Dr. Nikki Sabharwal, Consultant & Professor
- Dr. Hc Sachdeva, Consultant & Professor
- Dr. Ghanshyam Sahu, Asstt. Professor
- Dr. Deepti Saigal, Professor
- Dr. Suman Saini, Professor
- Dr. Anita Seth, Consultant & Professor
- Dr. Kavita Rani Sharma, Director Professor
- Dr. Sandeep Sharma, SMO
- Dr. Vibhuti Sharma, Assoc. Professor
- Dr. R.P. Singh, Consultant & Professor
- Dr. Vandana Talwar, Consultant & Professor
- Dr. G. Usha, Consultant & Professor
- Dr. Abhishek Verma, Assoc. Professor
- Dr. P.K. Verma, Consultant & Professor
- Dr. Manisha, Assoc. Professor

NEW ADDITION TO THE FACULTY

- Dr. Kavita Rani Sharma, Director Professor
- Dr. Renu Chauhan, Asstt Professor Ad-Hoc

FACULTY MEMBERS WHO LEFT THE DEPARTMENT

- Dr. Anoop Raj Gogia, Consultant & Professor
- Dr. Sitalaksmi, CMO (SAG)
- Dr. Nikhilesh Chandra, CMO (SAG)

APPOINTMENT OF FACULTY TO HIGHER POSTS/ASSIGNMENT OUTSIDE PROMOTIONS

Dr. Nikhilesh Chandra

- Additional MS

Dr. Sapna Bathla

- Deputy Quality Manager
- Specialist Board Member in Discipline of Paediatric Anaesthesia ByNbem (National Board)
- Section Editor for Paediatric Anaesthesia Section In IJA Editorial Board

VISITING FACULTY ASSIGNMENTS

Dr. Vandana Talwar

- Faculty in the specialty of Anaesthesiology for the NBE in assessing the Theses submitted by DNB Anaesthesiology Trainees.'20, 21
- Appointed as Chairman Board of Examiner and Internal Examiner by Guru Gobind Singh Indraprastha University in Practical Examination/ Viva Voce for MD Anaesthesiology exam held in VMMC and SJH on 16th to 18th July'21 and Internal examiner for the Supplementary exam held on 1st November'21.

Dr. Sapna Bathla

- Faculty in 2nd Paediatric Peri operative life support workshop (e-PPLS) on virtual mode on 10-11 April 2021.
- Speaker in the webinar by The Indian College of Anaesthesiologists (ICA) on 'Perioperative concerns in paediatric anaesthesia' on 8th September 2021.
- Faculty and session speaker in orientation and clinical posting session for MBBS students.
- Initiated the project of Accreditation of emergency services (NEB) as a nodal officer and conducted the first meeting with OIC NEB and other staff.
- Drafted the proposal for Emergency medicine Department as assigned by Principal office.
- Admission officer for 1st round of online UG counselling session wef 30th Jan -4th Feb 2022 assigned through Principal office.
- Nominated as a specialist Board Member in discipline of Paediatric Anaesthesia by NBEMS (National board).
- Nominated as a section editor for Paediatric Anaesthesia section in IJA Editorial Board.
- Designated as Deputy Quality manager at VMMC and Safdarjung hospital.

ASSIGNMENT IN ACADEMIC ASSOCIATIONS:

- Dr. Nikki Sabharwal, President, ISA (Indian Society of Anaesthesiologists), July 2020 – Oct 2021
- Dr. G. Usha, Vice-President, ISA, July 2020 – Oct 2021
- Dr. Parul Mullick, Editor, ISA Newsletter, July 2020 – Oct 2021

- Dr. Vandana Talwar, Scientific Chairperson, Delhi ISACON 2021, 15-17 October 2021
- Dr. Saveena G. Raheja, Organizing Secretary, 15-17 October 2021
- Dr. Kapil Gupta, Organizing Joint Sec., 15-17 October 2021
- Dr. Ranju Gandhi, GC Member South, ISA, Permanent.

DISTINCTIONS ACHIEVED BY THE MEMBERS OF THE FACULTY (AWARDS)

Dr. Nikki Sabharwal

- Certificate Of Appreciation for Valuable Contribution For NABH Standards Implementation October 2021
- Proficiency Award for Holding Delhi ISACON 2021 By Isa National October 2021

Dr. Vandana Talwar

- TN JHA Memorial Award (Dr. Sakshi Gupta) October 2021

Dr. Smita Prakash

- Won Prize on Theme: "Leave No One Behind" On World Hospice And Palliative Care Day 9th October 2021

Dr. Pramod Gupta

- Editor IJCAB Selection March 2021

Dr. Santvana Kohli

- 1st Prize in Om (One Minute) Presentation in Delhi Isacon 15-17th October 2021

Dr. Mahesh Chandra

- Yuvacon Award for Best Innovation at Delhi Isacon 15-17th October 2021
- Dr. Priyanka H. Chhabra
- DCCS (Delhi Critical Care Society) For Obstetric Critical Care Champ.

Dr. Deepa K. Khurana

- Commonwealth Scholar 2018-2021

Dr. Sapna Bathla

- Certificate Of Appreciation for Valuable Contribution For Nabh Standards Implementation

OTHER DISTINCTIONS

Completed Basic Course in Biomedical Research, ICMR NIE

Dr. Sushil Guria, Dr. Santvana Kohli, Dr. Sahil Diwan, Dr. Amandeep, Dr. Ajay Kumar, Dr. Priyanka H. Chhabra, Dr. Sapna Bathla

SEMINARS / CONFERENCES / WORKSHOPS

/CMEs HELD IN THE DEPARTMENT

Monthly ISA Clinical Meets Every Month

- Alisha Training for Paramedics by Delhi Government and Ggsipu July-December 2021
- Delhi ISACON (Virtual) Organized by The Department 15-17th October 2021
- Cme On World Hospice and Palliative Care Day 2021 October 2021
- World Anaesthesia Day Cultural Programme-16th October 2021
- Workshop On "Advanced Ultrasound Guided Blocks" By ICACON 17th December 2021
- BLS Training for Whole Hospital Ongoing

SEMINARS / CONFERENCES / WORKSHOPS/

CMEs ATTENDED BY THE FACULTY:

- AOA 2021 9-10th January, 2021, Dr. Pramod Gupta
- Lecture on Fiberoptic bronchoscopy, APPEC 2021, RML Hospital 10th February, Dr. Nidhi Aggarwal
- CRITICARE 2021 (Virtual) 26-28th February, 2021(Workshops on 24-25th February), Dr. Pramod Gupta Dr. Ranju Gandhi, Dr. Santvana Kohli, Dr. Ajay Kumar, Dr. Saurav Mitra, Dr. Sahil Diwan, Dr. Amandeep, Dr. Mahesh, Dr. Pravin Kumar
- Cancer Pain Management, by ISSP Chandigarh 23rd January, 2021, Dr. Pramod Gupta
- RACPCON 6-7th March, 2021, Dr. Pramod Gupta
- IPA Paeds Conference 27-28th March, 2021, Dr. Pramod Gupta
- AORA - AOSRA Conference, Mumbai, 16-18th April, Dr. Sushil Guria
- Virtual Workshop "A Practical Approach to Quality Improvement and Performance Management" Organised by IAPA Conducted by Faculty of Wake Up Safe, Society of Pediatric Anesthesiologists, USA 24th April 2021 Dr. Sapna Bathla
- IAPA Midterm meeting conducted by IAPA Delhi and Rainbow Hospital August 2021, Dr. Sapna Bathla
- TOT workshop for UG students A u g u s t 2021 Dr. Parul Mullick
- LARC-MTV 2021 at LHMC, Delhi 4-8th October

2021, Dr. Vandana Talwar, Dr. Smita Prakash, Dr. Charu Bamba, Dr. Shipra Aggarwal, Dr. Anjali Kochhar, Dr. Vanya Chugh

- 60th Annual Conference of ISACON Delhi Branch (virtual) 15-17th October 2021, Whole Department
- 68th annual ISACON, Ahmedabad November 2021, Dr. Sapna Bathla
- "Ethical and Legal Considerations in Anaesthesia" organized by Institute of Anaesthesiology, Pain and Perioperative Medicine, Sir Ganga Ram Hospital, N. Delhi 21st November 2021, Dr. Vandana Talwar (faculty speaker)
- ICACON Workshop on "Advanced Ultrasound Guided Blocks", by MAMC, New Delhi. 17th December 2021, Dr. Ameeta Sahni, Dr. Arushi Gupta, Dr. Shipra Aggarwal, Dr. Deepti Saigal, Dr. Sahil Diwan, Dr. Santvana Kohli, Dr. Priyanka H. Chhabra, Dr. Nishtha Kachru, Dr. Shruti Jain, Dr. Anjali Kochhar
- ICACON Eros Hotel 18-19th December 2021, Dr. Vandana Talwar Dr. Smita Prakash, Dr. Deepti Saigal (faculty speaker)

RESEARCH: THESIS:

- Dr Chandan Kumar, MD Anaesthesia, 2020-23, Dr Vandana Talwar [Supervisor] Ongoing
- Dr Mayank Rajpal, MD Anaesthesia, 2020-23, Dr Vandana Talwar [Supervisor] Ongoing
- Dr Kalwal Vijaya laxmi, MD Anaesthesia, 2020-23, Dr. Vandana Talwar [Supervisor] Ongoing
- Dr Abhijit, DNB Critical Care, 2044107381, Dr Poonam Gupta [Supervisor] Ongoing
- Dr. Maria Paul, MD (Anaesthesiology) 2020-23 Dr. Charu Bamba [Supervisor] Ongoing
- Dr. Sreeparvathi, MD (Anaesthesiology) 2020-23, Dr. Charu Bamba [Supervisor] Ongoing
- Dr. Shrishti Tiwari, MD Anaesthesiology 2020-23 Dr. Charu Bamba [Supervisor] Ongoing
- Dr Toko Nem, MD Anaesthesiology 2020-23 Dr. Nidhi Agrawal [Supervisor] Ongoing
- Dr Prashant Kumar, MD Anaesthesiology, 2020-23, Dr. Nidhi Agrawal [Supervisor] Ongoing
- Dr Animesh Tah, MD Anaesthesiology, 2020-

- 23Dr. Nidhi Agrawal [Supervisor] Ongoing
- Dr. Vijetha Gonabal, Comparison of PENG and SFICB block for hip and proximal femur surgeries for post-operative analgesia. 2020-23 Dr. Shipra Aggarwal [Supervisor] Ongoing
 - Dr. Nikitha Vasan Comparative evaluation of two doses of i/v dexamethasone for postop analgesia in patients undergoing LSCS under spinal anaesthesia. 2020-23 Dr. Meenakshi Kumar [Supervisor] Ongoing
 - Dr. Renuka Choudhary Comparison of two doses of dexmed for prevention of postop shivering in adult patients after general anaesthesia. 2020-23 Dr. Meenakshi Kumar [Supervisor] Ongoing
 - Dr. Tanmay Yadav Comparison of IV dexmed with dexmed-dexa combination for prevention of postop nausea and vomiting in adult patients after abdominal surgeries. 2020-23 Dr. Meenakshi Kumar [Supervisor] Ongoing
 - Dr. Sanjana S. Effect of Remote Ischemic Preconditioning on postoperative renal function and cardiac biomarkers in adult patients undergoing valvular heart surgery. 2021-24. Dr. Meenakshi Kumar [Supervisor] Ongoing
 - Dr. Aditya NR, Effect of Prophylactic Passive Leg Raising manoeuvre on haemodynamic variables during anaesthesia induction in adult cardiac surgery patients. 2021-24 Dr. Meenakshi Kumar [Supervisor] Ongoing
 - Dr. Akshay Yadav Effect of Intravenous Tranexamic Acid on Blood loss in adult patients undergoing excision of intracranial meningioma 2021-24 Dr. Meenakshi Kumar [Supervisor] Ongoing
 - Dr. Guneet Kalra, MD, 2020-23, Dr. Nikki Sabharwal [Supervisor] Ongoing
 - Dr. Mahima Agarwal, MD, 2020-23, Dr. Nikki Sabharwal Ongoing
 - Dr. Arjun Kumar, M.D, 2020-23, Dr. Madhu Dayal [Supervisor] Ongoing
 - Dr. Pooja Ranakoti, M.D., 2020-23, Dr. Madhu Dayal [Supervisor] Ongoing
 - Dr. Oshien Bhanu M.D., 2020-23 Dr. Madhu Dayal [Supervisor] Ongoing
 - Dr. Prashant Kumar, Comparative evaluation of pharyngoscopic insertion characteristics of PLMA via conventional laryngoscope vs videolaryngoscope 2021-24 Dr. Mamta Panwar [Supervisor] Ongoing
 - Dr. Parul Tanwar A comparative evaluation of modified Mallampati score with laryngeal view using conventional and video laryngoscopy. 2020-23, Dr. Mamta Panwar [Supervisor] Ongoing
 - Dr. Devaunshi, MD, 2020-23, Dr. Amita Gupta [Supervisor] Ongoing
 - Dr. Akshay, MD, 2020-23, Dr. Amita Gupta [Supervisor] Ongoing
 - Dr. Sai Mandala, MD, 2020-23, Dr. Amita Gupta [Supervisor] Ongoing
 - Dr. Rojalin The effect of lubrication on the ease of removal of a bougie from the endotracheal tube during intubation. 2020-23 Dr. Ameeta Sahni [Supervisor] Ongoing
 - Dr. Arti Kumari, MD Anaesthesia, 2020-23, Dr. PS Bhatia [Supervisor] Ongoing
 - Dr. Lavanya, MD Anaesthesia, 2020-23, Dr. PS Bhatia [Supervisor] Ongoing
 - Dr. Gursharan Singh, MD Anaesthesia, 2020-23 Dr. Pawan Nayar [Supervisor] Ongoing
 - Dr. Surana Subrat Kumar, MD Anaesthesia, 2020-23, Dr. Pawan Nayar [Supervisor] Ongoing
 - Dr. Sherhabeel Salwan Usman, Effect of oral carbohydrate intake on preoperative wellbeing in parturients undergoing elective caesarean delivery under spinal anaesthesia, 2020-23, Dr. Parul Mullick [Supervisor] Ongoing
 - Dr. Siva Kumar P, Effect of preoperative video-based education about spinal anaesthesia on anxiety in parturients undergoing caesarean section under spinal anaesthesia, 2020-23, Dr. Parul Mullick [Supervisor] Ongoing
 - Dr. Alwin Thomas, A comparison of the effect of preoperative administration of fixed dose with weight adjusted dose of intravenous ondansetron in prevention of post spinal hypotension in parturients undergoing caesarean delivery under spinal anaesthesia, 2020-23, Dr. Parul Mullick [Supervisor] Ongoing
 - Dr. Chanpreet Dhaliwal, Comparative evaluation

nerve block for prevention of adductor muscle spasm in patients undergoing transurethral resection of bladder tumour surgery 2020-23, Dr. Sushil Guria [Supervisor] Ongoing.

PUBLICATIONS OF FACULTY/RESIDENTS

- Prakash S, Mullick P, Virmani P, Talwar V, Singh R. Effect of pre-treatment with a combination of fentanyl and midazolam for prevention of etomidate-induced myoclonus. *Turk J Anaesthesiol Reanim* 2021;49(1):11-7.
- Junior MM, Kumar A, Kumar P, Gupta P. Assessment of delirium as an independent predictor of outcome among critically ill patients in Intensive care unit: A prospective study. *Indian J Crit Care Med* 2021.
- Agrawal N, Saini S, Gupta A, Kabi A, Girdhar KK. Comparison of C-MAC D-Blade with Macintosh laryngoscope for endotracheal intubation in patients with cervical spine immobilization: A randomized controlled trial. *Trends in Anaesthesia and Critical Care* 2021;37:35-41.
- Bathla S, Das AK, Mullick P, G Usha. A case series: our experience as anesthesiologist in management of obstetric surgical patients in COVID-19 era. *IJAR* 2021 ;11(1):1-3.
- Talwar V, Mustafi SM, Choudhury A, Jain S, Kumar A. Outcome of COVID-19 associated severe ARDS: A case series. *Anaesth. pain intensive care* 2021;25(2):199-202.
- Surabhi S, Kumar M. Comparison of Ringer's lactate and Plasmalyte A as cardiopulmonary bypass associated acidosis in valve replacement surgeries. *Ann Card Anaesth* 2021;24(1):36-41.
- Das AK, Sabharwal N, Kumar M. Airway changes before & after delivery-does labour has any effect on the modified mallampati score? *Journal of Obstetric Anaesthesia and Critical Care* 2021;11(2):90-5.
- Saini S, Rao SM, Agrawal N, Gupta A. Comparison of analgesic efficacy of shoulder block versus interscalene block for postoperative analgesia in arthroscopic shoulder surgeries: A randomised trial. *Indian J Anaesth*; 2021; 65(6):451-7.
- Saini S, Gupta A, Rao SM, Krishna B, Raheja S, Malhotra RK, et al. Comparison of Analgesic Efficacy of Ultrasound-Guided Interscalene Block Versus Continuous Subacromial Infusion for Postoperative Analgesia Following Arthroscopic Rotator Cuff Repair Surgeries: A Randomized Trial. *Cureus* 2021;13(2):e13500.
- Panjari P, Bhat KM, Yousuf I, Kochhar A, Ralli T. Study comparing different airway assessment tests in predicting difficult laryngoscopy: A prospective study in geriatric patients. *Indian J Anaesth* 2021;65(4):309-15.
- Ahmad Z, Goswami S, Paneerselvam A, Guleria R, Baruah U, Das CJ. Imaging of Coronavirus Disease 2019 infection from Head to toe: A primer for the radiologist. *Current Problems in Diagnostic Radiology* 2021;50(6):842-55.
- Prakash S, Mullick P, Virmani P, Talwar V, Singh R. Effect of Pre-Treatment with a Combination of Fentanyl and Midazolam for Prevention of Etomidate-Induced Myoclonus. *Turk J AnaesthesiolReanim.* 2021;49(1):11-17.
- Rahman S, Agrawal N, Guria S, Jain S, Swain M. A Randomised Control Trial Comparing the Efficacy of LMA-Supreme and I-Gel as Rescue Ventilatory Device in Patients with Simulated Difficult Airway Undergoing Anaesthesia with Controlled Ventilation. *Journal of Clinical and Diagnostic Research* 2021;15(1):UC09-UC13.
- Agrawal N, Kumar S, Gupta A. Clinical Efficacy of Ambu Aura Gain vs Laryngeal Mask Airway Proseal in Paediatric Patients Undergoing Elective Surgery under General Anaesthesia: A Randomised Controlled Trial. *Journal of Clinical & Diagnostic Research* 2021;15(4):UC01-UC05.
- Saini S, Khattar N, Gautam D, Agrawal N, Gupta A. Comparison of combined adductor canal block with peri-hamstring infiltration versus adductor canal block for postoperative analgesia in arthroscopic anterior cruciate ligament reconstruction surgery. *Journal of Arthroscopy and Joint Surgery* 2021;8(3):282-6.
- Vishalashi SG, Gupta P, Verma PK. Serum Procalcitonin as a Biomarker to Determine the Duration of Antibiotic Therapy in Adult Patients with Sepsis and Septic Shock in Intensive Care Units: A Prospective Study. *Indian J Crit Care Med.* 2021;25(5):507-11.

of pericapsular nerve group block and obturator

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FULL PAPER PUBLICATIONS IN CONFERENCE PROCEEDINGS

Dr. Vandana Talwar

- Ultrasonographic assessment of diaphragmatic parameters for predicting weaning outcome in

patients on mechanical ventilation in the ICU setting. Published in Indian Journal of Anaesthesia: TN JHA AND KP CHANSORIA TRAVEL GRANT AWARD ABSTRACTS.

- Participated in the TN Jha Competition and presented "Ultrasonographic assessment of diaphragmatic parameters for predicting weaning outcome in patients on mechanical ventilation in the ICU setting" at the 60th Annual Conference of Indian society of Anaesthesiologists (Delhi Branch), ISACON Delhi 2021, held Online from 15th to 17th October'21. By Dr. Sakshi Gupta
- Free paper presentation on "To compare the influence of head and neck position on the performance of three Supraglottic Airway Devices (SAD) – Ambu Aura Gain, Proseal Laryngeal Mask Airway (PLMA) and I-gel in adult patients undergoing elective surgery" at the 60th Annual Conference of Indian society of Anaesthesiologists (Delhi Branch), ISACON Delhi 2021, held Online from 15th to 17th October'21. By Dr. Neha
- Free paper presentation on "Comparative evaluation of dexmedetomidine and ketamine on haemodynamic changes and analgesic requirement in patients undergoing dorsolumbar spine surgery" at the 60th Annual Conference of Indian society of Anaesthesiologists (Delhi Branch), ISACON Delhi 2021, held Online from 15th to 17th October'21. By Dr. Mohammed Gayaz
- Dr. Santvana Kohli – Presented "Airway Ultrasound" in Delhi ISACON 2021 and won the 1st prize.
- Dr. Mahesh and Dr. Mansi Jain - presented "Innovations in Anaesthesia" at YUVA CON session in Delhi ISACON 2021 and won 1st prize.
- Dr. Saurav M. Mustafi - Predictive factors of COVID positivity and mortality in severe acute respiratory illness patients- won 2nd prize.

POSTER PRESENTATION

- Dr. Vandana Talwar- Poster on POST VACCINATION GBS at the 60th Annual Conference of Indian society of Anaesthesiologists (Delhi Branch), ISACON

Delhi 2021, held Online from 15th to 17th October'21. By Dr. Sakshi Gupta

SCIENTIFIC WRITINGS IN SCIENCE MAGAZINES

Monthly ISA newsletter

- Dr. Nikki Sabharwal - President
- Dr. G. Usha – Vice President
- Dr. Parul Mullick – Editor
- Dr. Amandeep, Dr. Ira, Dr. Arin, Dr. Mahesh – Editorial board
- Dr. Harish C. Sachdeva, Dr. Santvana – article on COVID-19 and the intensivist
- Dr. Madhu Dayal, - article on Palliative care – Human perspective
- Dr. Anjali Kochhar – article on Simulation for teaching and training in anaesthesiology.
- Dr. Sapna Bathla – Contributed and published a Picture quiz in IAPA 12th Newsletter in August 2021. - Published a case report in 12th Newsletter of IAPA August 2021 issue. Published an article in ISA Delhi Newsletter on Quality in Anaesthesia.

CHAPTERS IN BOOKS

- Dr. Harish C. Sachdeva, Dr. Santvana Kohli, Dr. Sahil Diwan
Chapter on "Etiopathogenesis of COVID-19" in "Essentials of COVID-19 for Anaesthesiologists", Century Publications 2021.
- Dr. Saurav Mitra Mustafi, Dr. Ajay Kumar
Chapter on "Clinical Features of COVID" in "Essentials of COVID-19 for Anaesthesiologists", Century Publications 2021.
- Dr. Pratiti Choudhuri
Contributed as an author of a chapter in 'Clinical Anesthesia', South Asian Edition, Barash PG, Cullen BF, Stoelting RK et al (editors) with Gupta N, Gupta A (SAE ed), Wolter Kluwer Publishers, 2021.
- Dr. Priyanka H. Chhabra - Metabolic emergencies in patients with onco critical care in Critical care update book by ISCCM.
- - Telemedicine in present scenario-- in critical care update book by ISCCM.
- Dr. Smita Prakash - Chapter 54- Anesthesia for patients with burns in Comprehensive Clinical Anesthesia Editors: AP Kulkarni, V Agarwal, VP

Patil, JV Divatia (2021)

GUEST LECTURES DELIVERED BY THE FACULTY

DR. VANDANA TALWAR

- Speaker on "Confidentiality & its Complexities" at 'ANAESTHESIA UPDATE 2021' on "Ethical and Legal Considerations in Anaesthesia" organized by Institute of Anaesthesiology, Pain and Perioperative Medicine, Sir Ganga Ram Hospital, New Delhi, on 21st November, 2021 at Sir Ganga Ram Hospital.
- Speaker on "Antibiotic stewardship – approach and diagnostic techniques" at the 2nd International and 12th National Conference of the Indian College of Anaesthesiologists (ICA) – ICACON 2021, organized by Department of Anaesthesiology and Intensive Care, MAMC, New Delhi on 18th and 19th December'21 at Eros Hotel, Delhi.

DR. SMITA PRAKASH

- Faculty in LHMC Anaesthesia Refresher Course with Theme: Mastering Table Vivas on 4 to 8 Oct 2021.
- Judge of free paper session on 17 Oct as part of ISACON 2021 and World Anaesthesia Day celebrations 15 to 17 Oct 2021.
- Judge for Poster session in ICACON 2021 held on 17 to 19 Dec 2021.
- Participated as panellist in Panel discussion "High risk obstetric Anaesthesia: Uniform learning initiatives for reducing morbidity and mortality" on 19 Dec 2021 in 2nd International and 12 National Conference of Indian College of Anaesthesiologists (ICACON 2021).

DR. DEEPTI SAIGAL

- Faculty speaker at the 12th National and 2nd International Physical Conference of the Indian College of Anaesthesiologists, ICACON 2021 organized by Department of Anaesthesiology, Maulana Azad medical College on 19th December 2021 at Eros Hotel, New Delhi. (Topic: Muscle Relaxant free GA as the future of Anesthesia Practice –CON)
- Faculty speaker at MAMC Anaesthesia update February 2022, organized by Department of Anaesthesiology, Maulana Azad medical College.

(Topic: Tec vaporizers)

DR. SAPNA BATHLA

- Faculty and took a Session in CME on Paediatric topic in Annual National conference of ISACON, held by Ahmedabad on Paediatric obesity and anaesthesia concerns.
- Faculty in 2nd Paediatric Peri operative life support workshop (e-PPLS) on virtual mode on 10-11 April 2021.
- Speaker in the webinar by The Indian College of Anaesthesiologists (ICA) on 'Perioperative concerns in paediatric anaesthesia' on 8th September, 2021.
- Invited as a faculty and speaker in CNE to deliver a talk on Quality and performance improvement in critical care nursing on 5th Jan 2022 at VMMC and Safdarjung Hospital, Delhi.

DR. SHIPRA AGGARWAL

- Took ACLS and BLS as a faculty as a part of LARC in November 21.
- DR. PRIYANKA H. CHHABRA –
- Delivered faculty lecture in NOTTO (National organ Transplant organization) Intensivist training program on Brain death.

GUEST LECTURES ORGANIZED BY THE DEPARTMENT

- **DR. RAKESH GARG (IRCH, AIIMS)** – difficult airway guidelines, virtual) – November 2021

ANY SIGNIFICANT FACILITY CREATED IN THE CURRENT YEAR:

- Safdarjung made training centre for irc (indian resuscitation council) training – october 2021

SOCIAL/PUBLIC SERVICE DONE BY THE DEPARTMENT:

- BLS TRAINING OF ENTIRE HOSPITAL - UNDERGOING
- COLS (compression only life support) training for bystanders
- ALISHA training for paramedical staff organized by DELHI GOVT AND GGSIPU

SIGNIFICANT ACHIEVEMENTS DURING THE YEAR

Department of Anaesthesia and Intensive Care is a multi-faceted department of the hospital with

extensive clinical and academic achievements. Even during the peaks and troughs of COVID pandemic, the department residents and faculty have maintained the COVID and non-COVID services with full vigour. Apart from this, the highlight of the year was the fact that this department was the office-bearer of Indian Society of Anaesthesiologists (ISA, Delhi branch) from July 2020 to October 2021, under the guidance of Dr. Nikki Sabharwal as President, Dr. G. Usha as Vice-President and Dr. Parul Mullick as Editor of ISA Newsletters. During this time, the department organized multiple CMEs and clinical meets in different hospitals of Delhi on at least a monthly basis. All this culminated in the 60th Annual ISACON, Delhi

branch organized by our department on a virtual platform from 15-17th October 2021, with the theme "The Millennial Anaesthesiologist: A Versatile Saviour". The conference included an academic feast organized by the Scientific Chairperson, Dr. Vandana Talwar, along with cultural programme on World Anaesthesia Day on 16th October. The conference was a grand success and appreciated by one and all. Apart from this, the department has always taken a keen interest in teaching Life Saving skills by BLS training of the whole hospital, COLS training of bystanders, ALISHA training for paramedics and establishing Safdarjung as a center for Indian Resuscitation Council.



Sitting L to R

Dr. Sujata Chaudhary, Dr. Ameeta Sahni, Dr. Virender Kumar, Dr. Anita Seth
Dr. Harish C. Sachdeva, Dr. Nikki Sabharwal, Dr. Vandana Talwar, Dr. Suniti Kale, Dr. RP Singh,
Dr. Smita Prakash, Dr. Saveena G. Raheja
sukanya gangopadhyay: Standing row 1

Standing 1st Row, L to R

Dr. PS Bhatia, Dr. Pratiti Choudhuri, Dr. Nishtha Kachru, Dr. Arushi Gupta, Dr. Charu Bamba, Dr. Kavita Rani Sharma, Dr. Dharam Singh Meena, Dr. Krishan Kumar, Dr. Meenakshi Kumar, Dr. Ranju Gandhi, Dr. Deepa K Khurana, Dr. Binita Jaiswal, Dr. Meenakshi Mourya, Dr. Deepti Saigal, Dr. Preeti Thakur, Dr. Poonam Gupta

Standing 2nd Row, L to R

Dr. Suman Saini, Dr. Madhu Dayal, Dr. Santvana Kohli, Dr. Priyanka H Chhabra, Dr. Shweta Gupta, Dr. Sushil Guria, Dr. Praveen Kumar, Dr. Anjali Kochhar, Dr. Arin Choudhury, Dr. Mahesh Chandra, Dr. Mahak Kalra, Dr. Madhu Bala

Blood Bank

• FACULTY MEMBERS CURRENTLY IN THE DEPARTMENT

- Dr. Sachin Bajaj, Senior Medical Officer
- Dr. Kapil Jagga, Senior Medical Officer
- Dr. Sunil Ranga, Consultant, Professor & Head of Department
- Dr. Anjali Sharma, Senior Specialist
- Dr. Rekha Tirkey, Unit In charge, SAG Officer
- Dr. Maneesh Kumar Varshney, Medical Officer

FACULTY MEMBERS WHO LEFT THE DEPARTMENT

- Dr. Rajesh Gautam, Senior Medical Officer (Study Leave)

• GUEST LECTURES DELIVERED BY THE FACULTY

- Dr. Sachin Bajaj on Blood Donation Organized by National Thalassemia Welfare Society.
- Dr. Anjali Sharma as Faculty in NARCHIDELCON 2021 workshop on Haemo-vigilance-Obstetrics

perspective, organized by NARCHI, Delhi and Department of Obstetrics and Gynaecology, Sir Gangaram Hospital, New Delhi 28 August, 2021

GUEST LECTURES ORGANIZED BY THE DEPARTMENT.

- On Automated Immuno-Hematology by GEL technique on 20-04-2021.
- On Significance of Nucleic Acid Testing in Blood Centre 21-12-2021

ANY SIGNIFICANT FACILITY CREATED IN THE CURRENT YEAR

- New Equipment for Single Donor Platelet Apheresis (Optia)

SOCIAL/PUBLIC SERVICE DONE BY THE DEPARTMENT IF ANY

- Blood Donation Camps: - 118
- Blood Donation Awareness Camps: - 118



***Left to right (Sitting row): Dr. Maneesh Varshney, Dr Poonam Khambra, Dr Rekha Tirkey,
Dr Sunil Ranga, Dr Anjali Sharma, Dr Kapil Jagga
Standing : Dr. Sachin Bajaj***

COLLEGE OF NURSING

PRELUDE

The College of Nursing conducts B.Sc. (Hons.) Nursing Programme of four years duration with intake of 50 students per year (residential programme). There is also supernumerary quota of 10% of EWS (5 students) as per Govt. guidelines and 08 students of J & K under Prime Minister Special Scholarship Scheme (PMSSS) admitted through All India Council of Technical Education (AICTE). The B.Sc. (Hons.) Nursing Programme is recognized by Indian Nursing Council & Delhi Nursing Council and affiliated to Guru Gobind Singh Indraprastha University, New Delhi.

The aim of the College is to serve the humanity and to prepare globally qualified graduate nurses. The objective of the training is to impart excellent nursing education and to prepare competent professional nurses to be able to work in various health care and community health settings and contribute to the preventive, curative, promotive and rehabilitative aspects of health as a member of health team to meet the emerging health needs of the society.

FACULTY

- **Mrs. Anita**, Tutor
- **Ms. Madhu Bains**, Tutor
- **Mrs. Laxmi Devi**, Tutor
- **Mrs. V. Indumathy**, Tutor
- **Mrs. Kirti Joshi**, Tutor
- **Mrs. Vijender Kaur**, Tutor
- **Mrs. Bhavesh Kumari**, off. Vice Principal
- **Mrs. Hemlata Martoliya**, Tutor
- **Mrs. Prema**, Tutor
- **Mr. Anil Raj M.K.**, Tutor
- **Mr. Sanjeev Sharma**, Tutor
- **Mrs. Sunita Singhal**, Tutor
- **Mrs. Radha Tiwari**, Tutor
- **Mrs. Radha Rani Tiwari**, off. Principal
- **Mrs. Urmila**, PHN
- **Mrs. Sandhya Saji Varghese**, Tutor
- **Mrs. Praveen Eric William**, Tutor

NEW ADDITION TO THE FACULTY

- **Mrs. Urmila**, PHN

ASSIGNMENT IN ACADEMIC ASSOCIATIONS

- Mrs. V. Indumathy (Tutor) State Adviser for Student Nurses Association under Trained Nurses Association of India July 2020 till date.

SEMINARS/CONFERENCES/WORKSHOPS/CME ATTENDED BY THE FACULTY

- Mrs. Kirti Joshi attended a virtual Seminar on HIV/AIDS-AIIMS, New Delhi on Feb. 2021
- Mrs. Vijender Kaur attended a virtual Nurses a voice to lead-A vision for future Health Care-Indian Nursing Council 12th May 2021
- Mrs. Hemlata Martoliya attended a virtual Help the nurses who are facing psycho-social issues due to covid -19 burnout syndrome-INC and International society of psychiatric mental health nurses 19th May 2021
- Mrs. Laxmi Devi attended a virtual webinar on "Eliminating cervical cancer – call for action-ICOG-17th World congress for cervical pathology and Colposcopy" on 4th July 2021
- Mrs. Radha Tiwari attended a virtual workshop on Nationwide Capacity Building of Nursing Professionals for Comprehensive Management of COVID-19 in Children - DGHS, MoHFW 16th & 17th July, 2021
- Mr. Sanjeev Sharma attended Nationwide capacity building of Nursing professionals for comprehensive management of Covid-19 in children- DGHS, MoHFW 23rd & 24th July, 2021
- Mrs. Vijender Kaur, Panel Discussion on B.Sc. Nursing- TNAI 1st August, 2021
- Mrs. Vijender Kaur, Nationwide capacity building of Nursing professional for comprehensive management of covid-19 in children- DGHS, MoHFW 7th August, 2021
- Mrs. Sandhya Saji Varghese, Nationwide Capacity Building of Nursing Professionals for Comprehensive Management of COVID-19 in Children DGHS, MoHFW 16th August, 2021.
- All Faculty Orientation programme on revised B.Sc. Nursing syllabus- Indian Nursing Council 23rd to 24th August, 2021
- Mrs. V. Indumathy & Mrs. Hemlata Martoliya attended Nationwide Capacity Building of Nursing

Professionals for comprehensive Management of COVID-19 in Children - DGHS, MoHFW 31st August, 2021

- Prerna, Madhu Bains, Kirti Joshi, Praveen Eric William & Urmila attended CNE - Peads. Nursing Emergency preparedness programme on Covid (PNEPPCO)- AIIMS New Delhi on 9th Sept. 2021

RESEARCH: THESIS (ONGOING)

- Mrs. V. Indumathy- (Guide-Dr. Mrs. Gandhimathy, Vice Principal, Rani Meyyamai College of Nursing, Annamalai University) "A study to assess the prevalence of respiratory morbidity and evaluate the effectiveness of pre-habilitation program on Knowledge and Pulmonary function parameters among employees of selected petrol filling stations in New Delhi, India" 2017-2021 (Part time)

GUEST LECTURES DELIVERED BY THE FACULTY

Mrs. Radha Rani Tiwari-Resource person- CNE Peads. Nursing Emergency preparedness programme on Covid (PNEPPCO)- AIIMS New Delhi 09.09.2021

Mrs. Vijender Kaur-Resource person - CNE Amity University Resource person- CNE - RAK College of Nursing, New Delhi Resource person- CNE – TNAI, New Delhi, 2021

Ms. Madhu Bains-Faculty (Resource person) – NNF Preterm care E-module for Nurses Faculty (Resource person) – NNF Preterm care E-module for doctors 01.11.2020-10.01.2021 (9 weeks) 28.12.2020- 07.03.2021 (9 weeks)

EXTERNAL ASSIGNMENTS COMPLETED BY THE FACULTY

Mrs. Vijender Kaur

- Observer in NHSRC to visit program study centre, (Rajasthan)
- INC Inspection
- DNC Inspection
- External Examiner & Ph. D Thesis evaluator- Rajasthan University
- External Examiner & Ph. D Thesis evaluator- Haryana University

SOCIAL/PUBLIC SERVICE DONE BY THE DEPARTMENT:

Active participation of faculty and students in Swachhata Abhiyaan, Hindi Pakhwada, Vigilance awareness week, Breast feeding awareness week, World antibiotic awareness week, World Mental Health Day, Pulse Polio Program, Organ donation day, Patient safety day and all the other programs organized by SJH & create awareness in Community & Hospital through Health Talks, Role play & Group projects.

AWARDS RECEIVED BY THE NURSING STUDENTS IN INTER COLLEGE COMPETITIONS:

- Poster making (Swachhata Pakhwada)- SJH 24.09.2021 Komal Mehra – 2nd Prize
- Poster making (Breast Cancer awareness)- SJH 07.10.2021 Komal Mehra – 3rd Prize
- Hindi Essay Competition (Vigilance Awareness week)- SJH 26.10.2021 Nisha- Consolation Prize
- Essay Writing Competition (Vigilance Awareness Week)- SJH 26.10.2021 Jaya Pant- Consolation Prize
- Poster making - TNAI 16.11.2021 Sonika – 2nd Prize
- 29th SNA Biennial Conference (Cultural Event) – TNAI 16.11.2021 Monika Dalal

- 29th SNA Biennial Conference (Cultural Event) – TNAI 16.11.2021 Simran Anand
- Slogan Writing-Antibiotic Awareness week-SJH 22.11.2021 Hansa Yadav – 3rd Prize
- Poster making (world anti-microbial awareness week)-SJH 22.11.2021 Twinkle & Tripti Bhawdwaj - 3rd Prize
- Slogan Competition- (world anti-microbial awareness week)- SJH 22.11.2021 Simran Anand- 1st Prize
- Poster making Competition (world anti-microbial awareness week)-SJH 22.11.2021 Shelly Bhardwaj – 2nd Prize
- Poster making Competition (world anti-microbial awareness week)-SJH 22.11.2021 Adya, Aditi & Kritika-1st Prize
- Patient safety display Board decoration- (world anti-microbial awareness week)-SJH 22.11.2021 Bhawna & Group- 1st Prize
- English Essay competition- SJH 22.11.2021 Adya & Aditi – 3rd Prize

SIGNIFICANT ACHIEVEMENTS DURING THE YEAR

- Over all result of B.Sc. (H) Nursing students for the academic year 2021-22 was very good and 50 students completed their training in 2022.
- One of the faculty is pursuing PhD Nursing



1st row left to Right: Mrs. Praveen Eric William. Mr. Anil Raj MK. Mrs. Vijendra Kaur. Mrs. Radha Rani Tiwari (Principal). Mrs Bhavesh Kumari (Vice Principal). Mrs Sunita Singal.

2nd row Left to Right : Mrs. Hamlata Martoliya. Mrs. Laxmi Devi. Mrs. Anita. Mr. Sanjeev Sharma, Mrs. Kirti Joshi, Mrs. Saroj Bala ,Mrs. Sandhya Saji Varghese

3rd row Left to Right. : Mrs. Radha Tiwari Mrs. Purna , Ms. Madhu Bains

Department of Dietetics

PRELUDE

Information of Services provided during the period 1/1/2021 to 31/12/2021 are given below:-

- Total Attended in Dietetics Opd Pts. – 2593 approx.
- Total IPD Pts. – 4, 07,537 approx. including ICU & OT food provided by Main Kitchen.
- Total ICU Pts. – 23352 approx. foods provided by Main Kitchen
- Total OT Pts. - 1308 approx. food provided by Main Kitchen.

FACULTY

- Dr. Naresh Sood, HAG Sr. CMO
- Dr. Kashika, CMO
- Dr. Ankit Sharma, MO
- Mrs. Pratibha, Dietician
- Mrs. Kavita, Dietician
- Mr. Lalit Narayan, Steward
- Mr. Chand Ram, Steward
- Mr. Bhudev, LDC

NEW ADDITION TO THE FACULTY

- Dr. Kashika, CMO
- Mr. Bhudev, LDC

FACULTY MEMBERS WHO LEFT THE DEPARTMENT

- Dr. Nikhilesh Chandra, HAG

Department of Nuclear Medicine

PRELUDE

Equipped with the state of art modern diagnostic Dual Head Single Photon Emission Computed Tomography(SPECT) Gamma Camera and a computerized Thyroid Uptake system, the department of Nuclear Medicine carries out a host of diagnostic tests including Myocardial Perfusion Scans, Parathyroid Scans, Dynamic Renal Dtpa/Ec Scans, Whole Body MDP Bone Scans, Thyroid Scans, Gastro-Intestinal Bleed Scans, Hepatobiliary Scintigraphy, Direct Radionuclide Cystogram, Scintimammography, Gastro-Esophageal Reflux Scan, Lymphoscintigraphy, Tc99mEcd Brain Spect, Testicular Scans, Cisternography, And I131 Thyroid Uptake Tests.

Type and number of scans performed

- DTPA-479
- DMSA-224
- LLEC-150
- MPI-06
- HIDA-40
- MDP-155

- GER-32
- DRCG-07
- PTH-14
- THYROID-56
- MECKEL'S-09
- ECD-01
- GIBLEED-05
- RAIU-146

Low dose OPD based Iodine therapy is also provided for patients suffering from Grave's Disease and Autonomous Functioning Thyroid Nodules. A total number of 25 patients were successfully treated in the year 2021-22.

FACULTY

- **Dr. Ravinder Singh Sethi**, Consultant & Professor
- **Dr. Padma A. Namgyal**, C.M.O. (NFSG)

NEW ADDITION TO THE FACULTY

- **Dr. Deepa Kumar**, Assistant Professor
- **Dr. Amit Kumar Singh**, Assistant Professor



**Standing (Left to Right): Dr Deepa Kumar, Dr Padma A. Namgyal,
Dr Ravinder Singh Sethi, Dr Amit K. Singh**

Department of Physical Medicine & Rehabilitation

PRELUDE

Department of Physical Medicine & Rehabilitation (PMR) of VMMC & Safdarjung is one of the oldest departments in the country which is catering patients of all age group for rehabilitation of various diseases for more than four decades.

Despite COVID -19 pandemic, department could provide outdoor consultation to around 80,000 patients, 40 patients were admitted for indoor rehabilitation and 3113 minor procedures were performed. Department also runs speciality clinics on weekly basis in which 21 patients in polio clinic, 41 in neuro-rehabilitation clinic, 2414 in appliance clinic, 178 in paediatric rehabilitation clinic, 931 in spinal injury clinic, 123 in diabetic foot clinic and 38 patients in pulmonary rehabilitation clinic were given consultation.

Department of PMR is playing pivotal role in locomotor and multiple disability certification by being board member in NEET UG & PG board (85), General board for social cause (105) and multiple disability board (161). Department is also providing

rural services (2232) through Kadipur rural centre. Throughout the year department is taking care of around 800-900 referred patients from all over the hospital.

Faculty

Department is having following faculty members-

- **Dr. Nonica Lalsram-** Professor & Principal Consultant, GOI
- **Dr. R K Wadhwa-** Additional MS, Professor HAG Officer
- **Dr. Diganta Borah-** Professor
- **Dr. Ajay Gupta-** Professor
- **Dr. Shweta Jain-** Professor
- **Dr. Suman Badhal-** Professor
- **Dr. Kiran B.** has joined as assistant professor (contract) in the department while Dr Satyaranjan Sethi, Assistant Professor (Contract) left the department.

Assignment in academic associations- Dr Ajay Gupta was elected as Vice President of Indian Association of Physical Medicine & Rehabilitation while Dr Suman Badhal was elected treasurer for

Indraprastha association of Rehabilitation Medicine (State chapter of IAPMR).

Distinctions achieved by members of the faculty-

Dr Suman Badhal, Professor received Rajeev Gandhi National Excellence Award for corona warrior and trophy & certificate for exemplary services in pulmonary telerehabilitation by Medical Superintendent.

Seminars/conferences/workshops/cmcs held in department-

IPARM conference, DelhiPMRCon 2021 was conducted by the department on 6th and 7th of February.

Seminars/conferences/workshops/CMEs attended by the faculty-

Dr. Suman Badhal

- Delhi PMR Con 2021
- Workshop for Gender sensitization & POSH
- Revised basic course workshop (Rbcw) in medical education technologies on
- IAPMR Mid-Term CME & Workshop

Dr. Diganta Borah- Delhi PMR Con 2021

Dr Ajay Gupta- Delhi PMR Con 2021

Dr Shweta Jain- DelhiPMRCon 2021

Dr NonicaLaisram- Delhi PMR Con 2021

Dr RK Wadhwa- Delhi PMR Con 2021

Research: Thesis (Ongoing)

- Factors determining central sensitization in osteoarthritis knee- Dr Bhawna under Dr Shweta Jain
- Efficacy of neuromuscular training in patients of osteoarthritis knee via telerehabilitation- Dr Mamta Joon under Dr Ajay Gupta
- Study of effectiveness of telemedicine based pulmonary rehabilitation in recovered patients of COVID -19 pneumonitis- Dr Prageeth under Dr RK Wadhwa
- Study of needs, demands and barriers for access to assistive technology in persons with disabilities- Dr Ganes Yadav under Dr Suman Badhal
- Efficacy of dextrose prolotherapy in the treatment of plantar fasciitis- Dr Malovika under Dr RK Wadhwa
- Functional assessment after

viscosupplementation in bilateral osteoarthritis knee- Dr Saroj under Dr Ajay Gupta

Research: Thesis (Completed)

- Study of efficacy of single dose high molecular weight intra-articular hyaluronic acid injection in osteoarthritis knee- Dr Anjana Babu under Dr Ajay Gupta
- Quality of life in persons with locomotor disability- Dr Ravindra under Dr NonicaLaisram
- To evaluate efficacy of intra-lesional platelet rich plasma in patients with plantar fasciitis- Dr Sanjiv under Dr RK wadhwa
- Correlation of knee alignment with ankle and hindfoot alignment and clinical severity in grade IV osteoarthritis knee- Dr Navin under Dr Diganta Borah

PUBLICATIONS OF FACULTY/RESIDENTS

- Singh DK, Laisram N, Malik A, Kanaujia V, Badhal S, Jain, S. *Association of Motor Function and Neuroimaging in Cerebral Palsy: A Cross-sectional Study*, J CDR 2021; 15: KC01-KC04.
- Saha S, Gupta S, Laisram N, Siddique, U, Rahman, S. Vitamin D levels in persons with traumatic spinal cord injury: a multicentre observational study. *International Journal of Advances in Medicine* 2021; 8: 1164-1170
- Jain, S, Borah D, Meena D.S., Ali J. Ultrasound Guided Suprascapular Nerve Block versus Intra-articular Steroid Injection in the Treatment of Periarthritis Shoulder: A Randomised Clinical Trial. JCDR 2021; 15: KC01-KC05.
- Singh G, Borah D, Khanna G, Jain S. Efficacy of Local Autologous Platelet-Rich Plasma in the Treatment of Pressure Ulcer in Spinal Cord Injury Patients. *Cureus* 2021; 13: e18668.
- Gupta A, Channaveera C, Anand V, Sethi, S. An Investigator-Initiated, Prospective, Single-Center, Open-Label Clinical Study to Evaluate Safety and Performance of Intra-Articular Hyaluronic Acid (IA-HA) (Biovisc Ortho) in Patients with Osteoarthritis (OA) of the Knee. *Clinical pharmacology: Advances and Applications* 2021; 13: 73-82.
- Sujatha Gorle, BD Athani, Sakshi Jain, Shweta

Jain. Bone Mineral Density in Stroke Survivors: An Observational Study. JCDR 2021;15:YC05-YC08

- Kolla K, Athani B, Jain S, Gupta V. Correlation of Pirani Scoring with the Outcome of Treatment in Idiopathic Congenital Talipes Equinovarus Treated with Ponseti Method: A Prospective Cohort Study. JCDR 2021; 15: KC14-KC17
- Kumar B K, Wadhwa R, Badhal S, Chethan C, Kanaujia V, Gupta A. Evaluation of Change in Aceclofenac Usage Pattern in Knee Osteoarthritis Following Viscosupplementation: A Prospective Interventional Study, J CDR 2021; 15: KC06-KC09.

EXTERNAL ASSIGNMENTS OF SIGNIFICANCE:

- Dr. R K Wadhwa- Expert in UPSC, MoSJ&E, Member National Selection Committee to select National Awardees for Empowerment of Persons with Disabilities.
- Dr Ajay Gupta- Expert in DST, BIS, UGC.
- Dr Suman Badhal-Expert in NMC, ICMR

SOCIAL/ PUBLIC SERVICE DONE BY THE DEPARTMENT:

Disability Camp in association with Indraprastha Association of Rehabilitation Medicine and Krishna Janma-bhoomi trust organized every month on first Sunday at Mathura- Senior Residents and Faculty are actively involved in conducting these camps.

Rural Rehabilitation Programme- The department is running a rural rehabilitation programme in selected areas of Gurugram district of Haryana where Rural Rehabilitation centre is being run at Village Kadipur and extended to 14 nearby Panchayats. Beneficiaries of regular rehabilitation around 1322 patients, group health talks 8, families visited 5, counseling done 378, etc were the activities done during the year.

Medical Social welfare officer Organized disability camps [aids & appliances distribution camp] in collaboration with various NGOs, distributed aids and appliances (652), did counselling (610) and guided patients about benefits and schemes by government of India (510), faculty with college of nursing teaching

sociology, member of ethics committee(IEC), media cell, kayakalp, CSR committee.

Vocational guidance- Around 675 patients received vocational guidance in the field of educational teaching (60), tailoring, knitting, painting and doll making (65), computer education (12) etc. Sewing machines were donated to 11 patients.

NAME OF THE STUDENTS/ RESIDENTS WHO HAVE ATTAINED DISTINCTIONS

AWARDS RECEIVED:

- Dr Charanjeet Kaur Memorial Award for best progressive young active resident: Dr Ratnakar Lal in DelhiPMRCon 2021
- IAPMRCon 2021 Quiz Competition winner: Dr Deepthi S. Johnson

PAPER PRESENTED:

- Study of effectiveness of PRP and ultrasonographic changes in cartilage thickness in degenerative OA knee- DelhiPMRCon 2021
- To compare the effect of robotic therapy with conventional therapy in upper limb spasticity treated with botulinum toxin A injection in stroke survivors in DelhiPMRCon 2021
- Correlation of severity of knee osteoarthritic changes and foot posture- Dr Deepak Raj in DelhiPMRCon 2021
- Effectiveness of telemedicine based pulmonary rehabilitation in patients recovered from COVID-19 pneumonitis- Dr Prageeth N. P. In DelhiPMRCon 2021

POSTER PRESENTED:

- Study of effectiveness of PRP and ultrasonographic changes in cartilage thickness in degenerative OA knee- Dr Deepthi S. Johnson in IAPMRCon 2021
- Correlation of severity of knee osteoarthritic changes and foot posture- Dr Deepak Raj in IAPMRCon 2021

SIGNIFICANT ACHIEVEMENTS DURING THE YEAR:

Department of PMR VMMC & SJH, New Delhi is one of the pioneer PMR centers in the country for teaching,

training and providing comprehensive medical rehabilitative services.

Faculties of PMR have been appointed as examiners for MD/DNB (PMR) of many institutes including AIIMS. All four MD (PMR) students of batch 2018-21 passed in 2021. Total of four (4) papers and two (2) posters were presented during the year in various national and state conferences. Eight (8) original research papers were published during the year in

national/international journals. PMR Department of VMMC & SJH is one of the centers in Delhi which has been authorized to issue disability certificate of locomotor and multiple disabilities for NEET UG & PG counseling. The department is actively involved in disability certification for locomotor and multiple disabilities for various purposes like social benefits, medicolegal, admission, job, etc.



**L to R - Dr Shweta Jain, Dr Ajay Gupta, Dr Diganta Borah, Dr RK Wadhwa,
Dr Nonica Laisram, Dr Suman Badhal**

Department of Radiodiagnosis

PRELUDE

X-Ray Machines

- Static machines with capacity-2 Static/Fixed machines 1000 mA/ functional
- 1 static machine/ nonfunctional (under repair)
- Portable machines with capacity-15 portable/mobile machines 100mA / functional
- Machines with TV/Imaging facility-1 static machine with TV/ Imaging Facility/ functional.
- CT Scan (Slices/year of manufacture)-256 slices/ year of manufacture 2017/ functional.
- MRI (Tesla/year of manufacture) 3T / year of manufacture 2018/ functional
- Mammography facility-Not Available
- USG – Grey Scale- 13
- USG – color Doppler All ultrasound machines mentioned in s.no 5 have grey scale with color doppler.
- DSA 1 DSA/ functional
- PET Scan- Not Available
- Any other equipment-8 CR system/ functional

Workloads per day

- X-Rays- 1036
- Special procedures (IVP etc.) 8
- Ultrasonography-357
- C.T. Scans-169
- MRI scans- 20

FACULTY

- **Dr. Yatish Agarwal**, Professor
- **Dr. Ankita Aggarwal**, Assistant Professor
- **Dr. S.K. Bajaj**, Professor
- **Dr. Neha Bansal**, Assistant Professor
- **Dr. Neha Bagri**, Associate Professor
- **Dr. Aanchal Bhayana**, Assistant Professor
- **Dr. N.K Bhambari**, Consultant
- **Dr. Krishna Bhardwaj**, Assistant Professor
- **Dr. Rohini Gupta**, Assistant Professor
- **Dr. Kirti Gehlot**, Assistant Professor
- **Dr. Pranav Gupta**, Assistant Professor
- **Dr. Jyoti Gupta**, Assistant Professor
- **Dr. Puneet Garg**, Associate Professor
- **Dr. Rupijamwal**, Associate Professor
- **Dr. Megha Jain**, Assistant Professor

- **Dr. Chirag Jain**, Assistant Professor
- **Dr. Nishith Kumar**, Associate Professor
- **Dr. Reeta Kanaujia**, Associate Professor
- **Dr. Ritu Nair Misra**, Professor
- **Dr. Mahesh Kumar Mittal**, Professor
- **Dr. Amita Malik**, Professor
- **Dr. Anamika Meena**, Assistant Professor
- **Dr. Dharmendra Kumar Singh**, Associate Professor
- **Dr. Charu Paruthi**, Associate Professor
- **Dr. Nishu Raj**, Specialist Grade III
- **Dr. Anju Ranga**, Assistant Professor
- **Dr. Mukul Sinha**, Consultant
- **Dr. Swarna**, Associate Professor
- **Dr. Anuradha Sharma**, Associate Professor
- **Dr. Geetika Sindhwani**, Assistant Professor
- **Dr. Ankit Sharma**, Medical Officer
- **Dr. Renu Yadav**, Assistant Professor
- **Dr. Sarthak**, Assistant Professor
- **Dr. Sephali Gupta**, Consultant

NEW ADDITION TO THE FACULTY

- **Dr Ankita Aggarwal**, Assistant Professor
- **Dr Megha Jain**, Assistant Professor
- **Dr Kirti Gehlot**, Assistant Professor
- **Dr Chirag Jain**, Assistant Professor

FACULTY MEMBERS WHO LEFT THE DEPARTMENT

- **Dr. Ranjan Chandra**, Professor

SEMINARS / CONFERENCES / WORKSHOPS/ CMEs ATTENDED BY THE FACULTY

Dr. Anuradha Sharma

- Indian Society of Vascular and Intervention Radiology- Goa, 31 March- 2 April 2021
- International Conference of Interventional Radiology, Tirupati on 19.12.2021
- ISNR 2021, 23rd Annual Conference of Indian Society of Neuroradiology, 17.12.2021 to 19th Dec, 2021
- Dr. Gyan P. Lal CME 2021, conducted by IRIA/ICRI, held online on 30th May, 2021

Dr Puneet Garg

- Indian Society of Vascular and Intervention Radiology- Goa, 31 March- 2 April 2021

Dr Chirag Jain

- Indian Society of Vascular and Intervention Radiology- Goa, 31 March- 2 April 2021

Dr Krishna Bharwaj

- Indian Society of Vascular and Intervention Radiology- Goa, 31 March- 2 April 2021

Dr D.K Singh

- Asian musculoskeletal society-21, Vizag, August 2021

Dr Nishit Kumar

- Asian musculoskeletal society-21, Vizag, August 2021

RESEARCH: THESIS (ONGOING)

- **Dr. Mst Rajika Khatun**-Modified Biophysical Profile and Fetal Doppler for Prediction of Perinatal Outcome in Pregnancy Beyond 40 Weeks, (Guide- Dr.Amita Malik).
- **Dr. Dakshayani H. S.**- Endovaginal Ultrasound in Assessment of Gynaecological Chronic Pelvic Pain, (Guide- Dr.Amita Malik).
- **Dr. Priyanka Singh**- Diagnostic Accuracy of Ultrasonography in Evaluation of Anterior Knee Pain, (Guide- Dr. S.K. Bajaj).
- **Dr. Shubham Saini**-Diagnostic Utility of Spectral Doppler in Acute Appendicitis, (Guide- Dr. Rohini Gupta Ghasi).
- **Dr. Neeraj Rai**-Comparison Of Pretreatment Quantitative Diffusion MRI and T1 MRI Parameters with Antitubercular Therapy Response In Intracranial Tuberculoma. (Guide- Dr. Rohini Gupta Ghasi).
- **Dr. Vasundhara**-Evaluation Of Multiparametric MRI Features in Prediction of Isocitrate Dehydrogenase Mutational Status Of Diffuse Low-Grade Gliomas, (Guide- Dr.Yatish Agarwal).
- **Dr. Gurtej Singh Saini**-MRI Evaluation of Response to Image Guided Percutaneous Sclerotherapy in Slow Flow Vascular Malformations. (Guide- Dr. S.K. Bajaj).
- **Dr. Sameer Ahluwalia**-Multipoint Dixon Technique for Evaluating Sacroiliitis in Axial Spondyloarthritis, (Guide- Dr.Rupijamwal).
- **Dr. Namrata Bagchi**- Diagnostic Efficacy of Mr Perfusion- Quantitative and Semi Quantitative Analysis In Differentiation Of Benign And Malignant Adnexal Masses, (Guide- Dr.Ritu Nair)

Misra).

- Dr. Arosh Singh-Dr.Amita Malik Non-Contrast CT Head for Evaluation Of Adult Non-Traumatic Headache Of Secondary Type In Emergency Setting, (Guide- Dr.Amita Malik).
- Dr. Nikhil Babbar- Dr.Yatish Agarwal Assessment of Pulmonary And Extra-Pulmonary Clinico-Radiological Sequel In Covid -19 Recovered Patients.
- Dr. Sonu Kaushik-Comparative Role Of Diparametric And Multiparametric MRI In Detection Of Muscle Invasive Bladder Cancer Using Vi-Rads Scoring System. (Guide- Dr M.K. Mittal).
- Dr. Arpit Garg-Low Dose Computed Tomography Perfusion Study To Differentiate Between Benign And Malignant Ovarian Tumors.(Guide- Dr.Ritu Nair Misra)
- Dr. Rachna-Diagnostic Accuracy of High-Resolution Ultrasonography In The Evaluation Of Posterior Ankle Pain. (Guide- Dr.Yatish Agarwal)
- Dr. Nidhi Rai-Arterial Spin Labelled Perfusion MRI For Evaluation Of Vascularity Of Brain Tumors, (Guide- Dr. Rupj Jamwal)
- Dr. Uzma Khadtiza-Comparison Of Pre-Treatment Quantitative Diffusion MRI And T1 Perfusion MRI Parameters with TNM Staging And Concomitant Chemoradiotherapy Response In Head And Neck Squamous Cell Carcinoma, (Guide- Dr. Rohini Gupta Ghasi).
- Dr. Philip Alex-Evaluation Of Clinico-Radiological Efficacy Of Ultrasound Guided Platelet Rich Plasma InjeCTion In Partial Thickness Supraspinatus Tendon Tear, (Guide- Dr. Ritu Nair Misra).
- Dr. Neelam Bagotiya-NCCT Markers in Prediction of Hematoma Expansion In Spontaneous Intraparenchymal Bleed, (Guide- Dr. S.K. Bajaj).
- Dr. Laxmikant-To Compare Ultrafast Brain MRI with Routine Brain MRI At 3T For Pediatric Neuroimaging, (Guide- Dr. M.K. Mittal)
- Dr. Rohit Kataria-Quantitative Diffusion MRI And T1 Perfusion MRI Evaluation In Different Stages and Subtypes of Lymphoma, (Guide- Dr. Rohini Gupta Ghasi).

RESEARCH: THESIS (COMPLETED)

- Dr. Mst Rajika Khatun-Modified Biophysical Profile and Fetal Doppler for Prediction of Perinatal Outcome in Pregnancy Beyond 40 Weeks, (Guide- Dr.Amita Malik).
- Dr. Dakshayani H.S.- Endovaginal Ultrasound in Assessment of Gynaecological Chronic Pelvic Pain, (Guide- Dr.Amita Malik).
- Dr. Priyanka Singh-Diagnostic Accuracy of Ultrasonography in Evaluation of Anterior Knee Pain, (Guide- Dr. S.K. Bajaj).
- Dr. Shubham Saini-Diagnostic Utility of Spectral Doppler in Acute Appendicitis, (Guide- Dr. Rohini Gupta Ghasi).
- Dr. Neeraj Rai-Comparison Of Pretreatment Quantitative Diffusion MRI and T1 MRI Parameters with Antitubercular Therapy Response In Intracranial Tuberculoma. (Guide- Dr. Rohini Gupta Ghasi).
- Dr. Vasundhara-Evaluation Of Multiparametric MRI Features in Prediction of Isocitrate Dehydrogenase Mutational Status Of Diffuse Low-Grade Gliomas, (Guide- Dr.Yatish Agarwal).
- Dr. Gurtej Singh Saini-MRI Evaluation of Response to Image Guided Percutaneous Sclerotherapy in Slow Flow Vascular Malformations. (Guide- Dr. S.K. Bajaj).
- Dr. Sameer Ahluwalia- Multipoint Dixon Technique for Evaluating Sacroiliitis in Axial Spondyloarthritis. (Guide-Dr.Rupj Jamwal)
- Dr. Namrata Bagchi-Diagnostic Efficacy of Mr Perfusion- Quantitative and Semi Quantitative Analysis in Differentiation of Benign And Malignant Adnexal Masses. (Guide- Dr.Ritu Nair Misra)
- Dr. Arosh Singh-Non-Contrast CT Head for Evaluation of Adult Non-Traumatic Headache of Secondary Type in Emergency Setting, (Guide- Dr. Amita Malik)
- Dr. Nikhil Babbar-Assessment Of Pulmonary and Extra-Pulmonary Clinico-Radiological Sequel in Covid -19 Recovered Patients, (Guide- Dr.Yatish Agarwal)
- Dr. Sonu Kaushik-Comparative Role of Diparametric and Multiparametric MRI In Detection Of Muscle Invasive Bladder Cancer

Using Vi-Rads Scoring System, (Guide- Dr M.K. Mittal)

- Dr.Arpit Garg- Dr.Ritu Nair Misra Low Dose Computed Tomography Perfusion Study to Differentiate Between Benign and Malignant Ovarian Tumors.
- Dr.Rachna -Diagnostic Accuracy of High-Resolution Ultrasonography In The Evaluation Of Posterior Ankle Pain. (Guide- Dr.Yatish Agarwal).
- Dr. Nidhi Rai-Arterial Spin Labelled Perfusion MRI For Evaluation Of Vascularity Of Brain Tumors, (Guide- Dr.Rupi Jamwal)
- Dr. Uzma Khadtiza-Comparison Of Pre-Treatment Quantitative Diffusion MRI And T1 Perfusion MRI Parameters with TNM Staging And Concomitant Chemoradiotherapy Response In Head And Neck Squamous Cell Carcinoma, (Guide- Dr. Rohini Gupta Ghasi).
- Dr. Philip Alex-Evaluation Of Clinico-Radiological Efficacy Of Ultrasound Guided Platelet Rich Plasma InjeCTion In Partial Thickness Supraspinatus Tendon Tear, (Guide- Dr.Ritu Nair Misra).
- Dr. Neelam Bagotiya-NCCT Markers in Prediction of Hematoma Expansion In Spontaneous Intraparenchymal Bleed, (Guide- Dr. S.K. Bajaj).
- Dr.Laxmikant-To Compare Ultrafast Brain MRI with Routine Brain MRI At 3T For Pediatric Neuroimaging, (Guide- Dr. M.K. Mittal)
- Dr. Rohit Kataria=Quantitative Diffusion MRI And T1 Perfusion MRI Evaluation In Different Stages and Subtypes of Lymphoma, (Guide- Dr. Rohini Gupta Ghasi).

PUBLICATIONS OF FACULTY/RESIDENTS

- Jana M, Mittal D, Bagri N, Yadav R, Parihar V, Bagri NK. Role of Imaging in Childhood Arthritis [published online ahead of print, 2021 Apr 9]. *J Clin Rheumatol*. 2021;10:1097.
- Reghunath, A., Ghasi, R.G. & Aggarwal, A. Unveiling the tale of the tail: an illustration of spinal dysraphisms. *Neurosurg Rev* (2021) 44:97–114.
- Choudhary P, Malik A, Batra A. Cerebroplacental ratio and aortic isthmus Doppler in early fetal growth restriCTion. *J Clin Ultrasound*. 2021; 49(7): 754–761.

- Arora JK, Sankal M, Ghasi RG, Thakur R. Evaluation of intra-abdominal adhesion formation after laparoscopic ventral hernia repair with composite mesh using abdominal ultrasound: a prospeCTive observational study. *Int Surg J* 2021;8:1143-7.
- Reghunath A, Biswas J, Mittal M K, Kanaujia R*, Khanna G. Idiopathic Pulmonary Hemosiderosis: an unexplored cause of treatment refraCTory pediatric iron deficiency anemia. *Indian J Radiol Imaging* 2021;31(2): 480–483.
- Kanaujia R, Aggarwal A, Misra RN. Multicompartmental Epidermoid Cyst Causing Chronic Parotid Gland and Masticator Space Muscle Atrophy. *World Neurosurg*. 2021;150:89-91.
- Garg P, Kumar M, Choudhury A, Gupta A, Agarwal Y. Endovascular management and outcomes of aortoiliac occlusive disease. *Indian Journal of Vascular and Endovascular Surgery*. 2021;8(5):31.
- Mukund A, Bhardwaj K, Choudhury A, Sarin SK. Survival and Outcome in Patients Receiving Drug-Eluting Beads Transarterial Chemoembolization for Large Hepatocellular Carcinoma (>5 cm), *Journal of Clinical and Experimental Hepatology*.
- Singh DK, Boruah T, Sharma A, Khanna G, Krishna LG, Kumar N. Comparative analysis of CT guided vertebral biopsy by a conventional bone biopsy needle versus bone biopsy needle with acquisition cradle. *J Clin Orthop Trauma*. 2021 Jun 2;19:231-236.
- Garg P, Sharma A, Rajani H, Choudhary AR, Meena R. Tuberous sclerosis complex: The critical role of the interventional radiologist in management. *SA J Radiol*. 2021 Mar 30;25(1):2034.
- Aggarwal A, Aggarwal A, Sharma A, Malik A. Abdominal Basidiobolomycosis with Renal Involvement and Retroperitoneal Fibrosis: Extremely Rare Presentation of an Unusual Pathology. *Indian J Surg*. 2021;83:573–575.
- Swarna, Sharma A, Kanaujia R, Jain S, Sharma R. Pulmonary Tuberculosis: Uncommon HRCT features of common entity. *JCDR*.

2021;15(8):TR01-03.

- Ashish Bansal, AnjunaReghunath, Mahesh Kumar Mittal, ReetaKanauiya, &Nishu Raj. (2021). Primary vertebral echinococcosis: A case of mistaken identity. Indian Journal of Case Reports, 7(7), 278-281.
- Choudhury AR, Rajani H, Sharma A. Curious Case of Kissing Vertebral Arteries with Left Vertebral Artery Dissection. Neurology India. 2021;69(5):1494-96.
- Bhardwaj K., Mohan C., Mukund A. (2021) Percutaneous FNA/Biopsy and Drainage Procedures. In: Mukund A. (eds) Basics of Hepatobiliary Interventions. Springer, Singapore. https://doi.org/10.1007/978-981-15-6856-5_1.
- Bansal A, Reghunath A, Mittal MK, Kanauiya R*, Raj N. Primary vertebral echinococcosis: A case of mistaken identity. Indian J Case Rep 2021;278–81. (Published in July 2021)
- Reghunath A, Biswas J, Mittal MK, Kanauiya R*, Khanna G. Idiopathic Pulmonary Hemosiderosis: An Unexplored Cause of Treatment Refractory Pediatric Iron Deficiency Anemia. Indian J Radiol Imaging 2021;s-0041-1734334

GUEST LECTURES DELIVERED BY THE FACULTY.

- Talk in 12th International Conference of Interventional Radiology held by SVIMS University, Tirupati on 19.12.2021: Interventions in Acute Stroke
- Presentation in ISNR 2021, 23rd Annual Conference of Indian Society of Neuroradiology on 19.12.2021: Interesting Case presentation: CNS Histiocytosis

NEW COURSES INTRODUCED DURING THE YEAR-

- BSC in Medical Imaging Technology

DISTINCTIONS ATTAINED IN SPORTS AND EXTRA CURRICULAR ACTIVITIES

Dr. Charu

- Hindi essay writing competition organized by Hindi SeCTion, VMMC and Safdarjung
- Hospital under "Hindi Pakhwada", on 06.09.2021
- Received "Second Consolation" Prize
- Faculty Sports meet, VMMC and SJH, held in February 2022 (badminton)
- Essay writing competition organized by Vigilance Department, VMMC and SJH under "Vigilance Awareness Week", on 27.10.2021



1st row (L to R) Dr Nishit Kumar, Dr Mukul Sinha, Dr Yatish Agarwal, Dr M.K Mittal, Dr Amita Malik, Dr S.K Bajaj, Dr N.K. Bhambari, Dr Ruple Jambwal, Dr Rohini Ghosi

2nd row (L to R) Dr Kirti Gelot, Dr Neha Bansal, Dr Anchal, Dr Nishu Raj, Dr Anuradha Sharma, Dr Neha Bhagri, Dr Swarna, Dr Reetakanaujiya, Dr Charu Paruti, Dr Geetika Sindwani, Dr Puneet Garg,

3rd row (L to R) Dr Dharmender Kumar, Dr Chirag Jain, Dr Renu, Dr Anamika, Dr Jyoti Gupta, Dr Anju Ranga, Dr Ankita, Agarwal, Dr Ankit Sharma, Dr Pranav, Dr Megha Jain

Extra curricular Activities

EXTRACURRICULAR ACTIVITIES FOR ALL ROUND DEVELOPMENT OF MEDICAL PROFESSIONALS- THE BEGINNING I

After being hit by the unprecedented COVID-19 pandemic in 2020, the entire medical fraternity suffered huge stress physically, as well as mentally. So, by the time first wave was over, there was a long-drawn fatigue and an idea of having an intracollege cricket competition was floated by pioneer batchmates of VMMC, SJH including Dr Rupali Malik (Medicine), Dr. Anurag Narula (Ophthalmology), Dr. Sandeep Shaina (Orthopaedics) and Dr. Megha Tandon (Surgery).

The idea was immediately well received and Prof (Dr.) Himani Ahluwalia (Physiology) added the idea of having a kavisammelan and singing competition along with the competition. Dr. Sheeba (Obstetrics & Gynaecology) floated the idea of having an antakshari competition, along with the suggestion to include sports like carrom, lemon race etc. Dr. Pranav Ish (Respiratory Medicine) volunteered for conducting Badminton matches too and Dr. Amit Jadhav (Pediatric Surgery) took up the responsibility

of conducting TT matches. Then with the support of Dr. Manish Kumath (Forensic medicine), Dr. Pallav Mishra (SIC), Dr. Varun (Orthopaedics), Dr. Puneet Garg (Radiology), Dr. Vivek Yadav (Neurosurgery), Dr. Mohit (Forensic medicine), Dr. Vikram (Microbiology), Dr. Paras Kathuria (Medicine), and Dr. Gaurav and Dr. Kapil (Anesthesia), some subcommittees were formed and the idea was finally presented to the authorities.

The then Medical Superintendent, Dr. S. V. Arya, and Principal, Dr. Raj Kapoor, too welcomed the move and tremendously supported the faculty with all the logistics required for conducting the program. Finally, within one month, the first ever sports meet for the faculty of VMMC & SJH was conducted from 1st Feb, 2021 to 6th Feb, 2021. The Cultural events began with the beautiful antakshari on day 1 hosted by Dr. Sheeba and Dr. Vikram. Then, 8 teams (Male) participated in the cricket events, Aneasthesia Knockers, Med Marvels, Ortho blasters, Principals

Eleven, Surgical Strickers, SSB 1, SSB 2 and Radio Radblazers). Team Surgical Strickers and Anesthesia were the finalists.

Team Surgical Strickers were the first winners under the captaincy of Dr. Jai Arora and team Anaesthesia, the first runners up. Team SSB-1 and ortho blasters were other 2 semifinalists. Two teams participated in female cricket- 1. Team smasher and 2. Team stunners. Team stunners were the winners, under the captaincy of Dr. Pooja (Anatomy). The man of the series was Dr. Anurag Narula (Ophthalmology) and woman of the series was Dr. AbhaDivya (CTVS).

The winners for Badminton were Dr. Prashanth (Urology) (Male Singles), Dr. Varun (Orthopaedics) and Dr. Amit (Pediatrics) (Male Doubles), Dr. Pooja Chouhan (Anatomy) (Female Singles). The winners for TT were Dr. Ankit Goyal (SIC) (Male Singles), Dr. Pooja Prasad (Hematology) (Female Singles). The winners of carrom were Dr Deepa and Dr Saurabh (Anaesthesia).

The 6 day event finally concluded on 6th Feb, 2021, with a musical program where we heard beautiful singers like – Dr. Kapil Suri Sir, Dr. Jatin Talwar Sir (Orthopaedics), Prof (Dr) Himani Ahluwalia (Physiology), Dr. Sumathi Muralidhar (Apex STD Centre), Dr. Bindu (Obstetrics &Gynaecology), Dr. Pooja (Anatomy), Dr. Bindusar (Anatomy), Dr. Ashish

(Orthopaedics), Dr. Monica (Obstetrics &Gynaecology), Dr. Ajith (CTVS), Dr. Navnita (CTVS), Dr. Pallav (SIC), Dr. Ajay (SIC), Dr. Kirti (Radiology), Dr. Varun (Orthopaedics), and the winners were Dr. Kirti – best female singer, Dr. Bindu (Second), Dr. Sumathi and Dr. Monica (Third). Prof (Dr.) Himani Ahluwalia wonderfully hosted the event and was even the winner of best poetry.

Subsequently, post this event an informal cultural club was formed under the guidance of Dr. Kapil Suri, Dr. Himani Ahluwalia and Dr. Manish Kumath, with Dr. Rupali (Medicine) as (convener), Dr. Kirti (Radiology) (co-convener) and Dr. Sandeep (Orthopaedics) (Treasurer). The club subsequently conducted, the first musical get-together, post 2nd wave for the faculty in November, where wonderful participation from all the faculty was seen with many new talents, like Dr. Ankit Ruhela (SIC) and Dr. Sanjay Naiding (Medicine) joining in.

Then, during the lockdown of 3rd wave, a virtual dance competition was organized in January 2022, with team Anatomy winning the group dance under Dr. Vandana Mehta. Dr. Tankeshwar Baruah (Orthopaedics) and Dr. Rita Baruah (Pediatrics) won the duet and Dr. Nishtha (Dental) and Dr. Ankit (SIC) won the solo dance categories.

CENTRAL FACILITIES

CENTRAL LIBRARY

The Library of VMMC & Safdarjung Hospital has a collection of 26500 Books, 100 print journals, approx. 10000+ volumes of Bound Journals, 2422 Thesis and 1168 CD's etc.

Now, library has special focus to provide the services on the door step, for this, the library is providing following e-resources:

- ERMED Consortium – 235 journals of various publishers like BMJ, Wolter Kluwer, Cambridge, Oxford and Willey.
- Clinical Key – A product of Elsevier, includes 700+ e-journals of Elsevier 2007 onwards, 1000+ e-books, clinical overviews, drug monographs, procedure video and patient education brochure's etc.
- Upto-date Advance – A product of Wolters Kluwer, an evidence based clinical decision support resource that offer comprehensive, peer review content in 25 medical specialties, clinicians can ace more than 11800 topics.
-

Moreover, the digitalization process is in progress and for this, following measures are already taken-

- Automated with TLSS (Total Library Solution Software) automation software.
- Facility of OPAC (Online Public Access Catalogue).
- 25 Computers connected with internet via Server for readers.

Library has conducted book exhibition last year from 13 September to 18 September 2021 as to provide exposure to the latest books to the readers, and also to take demand letter for the procurement of the books from the various departments.

LIBRARY ADVISORY COMMITTEE

- **Dr. Geetika Khanna**, Chairperson Library Committee
- **Dr. Kapil Suri**, Officer In-charge, Library
- **Dr. Vikaas Sharma**, Medical Officer, Library
- **Dr. Poonam Gupta**, Member
- **Dr. Vandana Mehta**, Member

- **Dr. Richa Kapoor**, Member
- **Dr. Ashok Kumar Sharma**, Member
- **Dr. Ashish Jalman**, Member
- **Dr. Sheeba Marwah**, Member
- **Dr. Gaurav Gupta**, Member

Library Staff

- **Dr. Kapil Suri**, Officer In-charge
- **Dr. Vikaas Sharma**, Medical Officer
- **Mrs. Hema Bhatt Asst. Admn. Officer**
- **Mr. Satyapal Singh** Assistant Library Information Officer

- **Mrs. Meena Gupta** Library & Information Assistant
- **Mrs. Alzra Jacob** Library & Information Assistant
- **Mrs. Seema**, Vashisht Library Clerk
- **Mr. Rajan Chauhan** Library Clerk
- **Mrs. Krishna**, Library Clerk



Standing 1 st row (Left to Right): Dr Ashok Sharma, Dr HitenderLoh, Dr Geetika Khanna, Dr. Richa Kapoor, Dr Vandana Mehta

Standing 2 nd row (Left to Right): Sh Satyapal Singh, Dr Gaurav Gupta, Dr Vikaas Sharma, Dr SheebaMarwah.

MEDICAL RECORDS DEPARTMENT

YEARLY HOSPITAL STATISTICAL BULLETIN-2021

FOR THE YEAR - 2016	YEAR 2021	Daily Average	This Year	Last Year	Daily Average	This Year	Last Year
			2021	2020		2021	2020
BED STRENGTH (Including 174 Besshels)			2135	2135			
TOTAL DISCHARGES (Including Deaths)	347		125809	112064			
Adult and Children	303		110544	94413			
New Born and Infants	45		15263	17651			
DAYS OF CARE of discharges and deaths.			577830	496638			
Adult and Children			518974	443323			
New Born and Infants			58826	53315			
AVERAGE LENGTH OF STAY			4.6	4.4			
Adult and Children			4.7	4.7			
New Born and Infants			3.6	3.1			
BED TURNOVER RATE			59	62			
Adult and Children			61	70.0			
New Born and Infants			93	101			
TOTAL DEATHS	31		15477	11394			
Deaths Under 48 hours	16		9009	6399			
Deaths Over 48 hours	15		5468	4994			
Gross Death Rate (In %)			9.1	10.2			
Net Death Rate (In %)			4.5	4.7			
STILL BIRTHS	2		585	546			
TOTAL ADMISSIONS	348		125864	112120			
Adult and Children	303		110542	94462			
New Born and Infants	45		15322	17658			
Inpatients kept UNDER OBSERVATION			61265	66000			
Emergency Ward - Medical (Incl.Neurology)			55287	59119			
Emergency Ward - Surgical (Incl.Ortho./Urology)			5978	6881			
TOTAL CENSUS (Days of care of Inpatients).			577830	496638			
Adult and Children			518974	443323			
New Born and Infants			58826	53315			
DAILY AVERAGE OF CENSUS.			1583	1366			
Adult and Children			1422	1215			
New Born and Infants			161	152			
DAILY CENSUS (Incl.Children)At the beginning/end of year							
Maximum any one day during the month.			1528	1422			
Minimum any one day during the month.			1199	1150			
BED OCCUPANCY RATE			74.1	64.0			
Adult and Children			72.5	61.9			
New Born and Infants			92.6	87.1			
TOTAL NO.OF DELIVERIES		47	16978	17411			
TOTAL NO. OF OPERATIONS		108	38294	21398			
Major Operations		81	29717	17382			
Minor Operations		26	9577	4016			
TOTAL NO.OF X - RAY EXAMINATIONS		1131	412596	341461			
TOTAL NO. OF LAB. EXAMINATIONS		26109	9629099	7590470			
TOTAL NO. O.P.D. ATTENDANCE	"	7136	2126201	1999075			
New Cases	"	4252	1267066	975683			
Repeat cases	"	2884	859435	710412			
ACCIDENT & EMERGENCY SERVICES		999	364537	282339			
(Total No. of working days =298)							
(ISSUED BY MEDICAL RECORD DEPARTMENT)							
(ISSUED BY MEDICAL RECORD DEPARTMENT)							

Unitwise data for year 2021

UNIT	ADMI	DISCHARGES (IncLDeath)	DAYS OF STAY	AV.LENGTH OF STAY	TOTAL DEATHS	UNDER 48 HRS	OVER 48 HRS	Page No-3	
								GDR %	NDR %
GRAND TOTAL SRURGERY	126864	126809	577800	4.6	11477	6009	5468	9.1	4.5
S - I	1214	1218	8711	7.2	102	44	58	8.4	4.9
Tetanus	0	0	0	0.0	1	0	1	0.0	0.0
S - II	1135	1137	7490	6.6	98	43	55	8.6	5.0
S - III	1008	1013	7189	7.1	65	27	38	6.4	3.9
S - III	1096	1098	7377	6.7	99	35	64	9.0	6.0
S - IV	1019	1023	7242	7.1	116	47	69	11.3	7.1
S - V	1036	1037	7101	6.8	80	33	47	7.7	4.7
Total-Surgery	6508	6526	45060	6.9	561	213	332	8.6	5.3
Paed. Surgery	2098	2093	12997	6.2	117	42	75	5.6	3.7
Radiotrtherapy	3857	3862	6301	1.6	15	8	5	0.4	0.1
Cancer Surgery	209	209	3071	14.7	18	81	10	8.6	7.8
Neuro Surgery	5461	5461	31362	5.7	1694	769	853	31.0	18.2
Cardio Thoracic Surgery	482	487	6175	12.7	27	3	23	5.5	4.8
Ortho - I	808	806	5767	7.2	17	4	11	2.1	1.4
Ortho - II	998	1002	8384	8.4	14	2	12	1.4	1.2
Ortho - III	812	809	7582	9.4	14	4	12	1.7	1.5
Ortho - IV	903	914	7690	8.4	18	5	11	2.0	1.2
Ortho - V	903	897	6455	7.2	10	11	6	1.1	0.7
Ortho - VI	731	250	2871	11.5	3	2	3	1.2	1.2
Total- Orthopaedics	5405	5404	41973	7.8	98	30	69	1.8	1.3
Rehabilitation	40	40	932	23.3	1	1	0	2.5	0.0
Burns & Plastic Surgery	2859	2862	19306	6.7	297	95	202	10.4	7.3
E.N.T.	1569	1567	8854	5.7	31	9	22	2.0	1.4
Eye - I	2390	2386	5363	2.2	3	0	3	0.1	0.1
Eye - II	986	984	3686	3.7	3	0	3	0.3	0.3
Total-Eye	3376	3370	7679	2.3	6	0	6	0.2	0.2
Gynae. - I	1745	1753	4437	2.5	4	0	4	0.2	0.2
Gynae - II	1596	1595	4411	2.8	8	3	5	0.5	0.3
Gynae - III	1774	1772	4544	2.6	3	1	2	0.2	0.1
Gynae. - IV	1273	1277	3814	3.0	7	2	5	0.5	0.4
Gynae - V	1594	1595	4061	2.5	9	1	8	0.6	0.5
Gynae - VI	1626	1598	4066	2.5	44	2	42	2.8	2.6
Total-Gynae	9608	9590	22421	2.3	71	203	63	0.7	0.7
Obst. - I	1905	1897	10206	5.4	16	8	8	0.8	0.4
Obst. - II	2240	2225	12216	5.5	19	7	12	0.9	0.5

Obst. - III	2096	2101	11724	5.6	15	9	6	0.7	0.3
Obst. - IV	1982	1978	10626	5.4	19	8	11	1.0	0.6
Obst. - V	2147	2169	11234	5.2	19	5	14	0.9	0.6
Obst. - VI	2011	2024	11084	5.5	27	11	16	1.3	0.8
Total- Obstetrics.	12381	12394	57080	4.6	115	48	67	0.9	0.5
Medicine - I (A)	4193	4186	17295	4.1	1113	606	507	26.6	14.2
Medicine - I (B)	3846	3846	17850	4.6	1009	591	418	26.2	12.8
Medicine - II (A)	3981	3981	17694	4.4	885	529	356	22.2	10.3
Medicine - II (B)	4619	4618	19757	4.3	1149	693	456	24.9	11.6
Medicine - III (A)	4473	4474	18580	4.2	1168	677	491	26.1	12.9
Medicine - III (B)	4489	4492	27529	6.1	1025	616	409	22.8	10.6
Total-Medicine.	25601	25597	108999	4.3	6349	3712	2637	24.8	12.0
Hematology & Nuclear Med.	659	659	3425	5.2	113	57	56	17.1	9.3
Neurology	254	254	1969	7.8	7	1	6	2.8	2.4
Dermatology	167	162	1714	10.6	6	0	6	3.7	3.7
Nephrology	1118	1114	3069	2.8	5	2	3	0.4	0.3
Urology	1780	1778	15702	8.8	23	4	19	1.3	1.1
Respiratory Medicine	1495	1496	5784	3.9	133	36	97	8.9	6.6
Cardiology	3821	3823	15612	4.1	184	100	84	4.8	2.3
Psychiatry	326	323	2973	9.2	2	0	2	0.0	0.0
Paed. - I	5537	5541	23847	4.3	384	188	196	6.9	3.7
Paed. - II	3859	3859	20270	5.3	401	196	205	10.4	5.6
Paed. - III	3774	3771	20270	5.4	338	195	143	9.0	4.0
Total- Paediatrics.	13170	13171	64387	4.9	1123	579	544	8.5	4.3
NEO - NATAL	16322	16263	58826	3.6	438	181	257	2.7	1.6
Endocrinology	260	257	2842	11.1	3	0	3	1.2	1.2
Oncology	6002	6002	15067	2.5	36	12	24	0.6	0.4
Sport Injury	2036	2045	10163	5.0	0	0	0	0.0	0.0

GENDERWISE DISTRIBUTION

UNIT	ADMISSIONS				DISCHARGES				Page No-4	
	Male	Female	M.Child	F.Child	Total	Male	Female	M.Child	F.Child	Total
GRAND TOTAL	41259	49800	20993	14812	126864	41275	49780	20986	14768	126809
S - I (A)	743	471	0	0	1214	747	471	0	0	1218
Tetanus	0	0	0	0	0	0	0	0	0	0
S - I (B)	705	430	0	0	1135	706	431	0	0	1137
S - II (A)	602	406	0	0	1008	605	408	0	0	1013
S - II (B)	656	440	0	0	1096	660	438	0	0	1098
S - III (A)	616	403	0	0	1019	618	405	0	0	1023
S - III (B)	628	408	0	0	1036	630	407	0	0	1037
Total-Surgery	3950	2558	0	0	6508	3966	2560	0	0	6526
Paed. Surgery	0	0	1402	696	2098	111	58	1399	694	2262
Radioterapy	1752	2080	14	11	3857	1754	2083	15	10	3862
Cancer Surgery	91	115	2	1	209	92	114	2	1	209
Neuro Surgery	3101	1157	748	455	5461	3101	1158	746	456	5461
Cardio Thoracic Surgery	254	145	70	13	482	255	145	70	17	487
Ortho - I	513	154	83	58	808	511	155	83	57	806
Ortho - II	666	180	108	44	998	669	180	108	45	1002
Ortho - III	531	131	105	45	812	529	130	106	44	809
Ortho - IV	599	176	87	41	903	182	51	29	20	282
Ortho - V	481	94	183	145	903	283	67	57	57	464
Ortho - VI	493	132	69	37	731	2429	685	455	266	3835
Spine Care Unit	140	68	9	17	234	156	66	9	16	247
Total-Ortho	3439	935	644	387	5405	3433	931	645	395	5404
Rehabilitation	17	19	1	3	40	17	19	1	3	40
Burns & Plastic Surgery	1204	673	580	402	2859	1205	677	581	399	2862
E.N.T.	763	577	134	95	1569	764	577	133	93	1567
Eye - I	1171	1122	62	35	2390	1169	1122	62	33	2386
Eye - II	518	451	9	8	986	519	449	7	9	984
Total-Eye	1689	1573	71	43	3376	1688	1571	69	42	3370
Gynae. - I	0	1745	0	0	1745	0	1753	0	0	1753
Gynae. - II	0	1596	0	0	1596	0	1595	0	0	1595
Gynae. - III	0	1774	0	0	1774	0	1772	0	0	1772
Gynae. - IV	0	1273	0	0	1273	0	1277	0	0	1277
Gynae. - V	0	1594	0	0	1594	0	1595	0	0	1595
Gynae. - VI	0	1626	0	0	1626	0	1598	0	0	1598
Total-Gynae	0	9608	0	0	9608	0	8584	0	0	8584
Obst. - I	0	1905	0	0	1905	0	1897	0	0	1897
Obst. - II	0	2240	0	0	2240	0	2225	0	0	2225
Obst. - III	0	2096	0	0	2096	0	2101	0	0	2101
Obst. - IV	0	1982	0	0	1982	0	1978	0	0	1978
Obst. - V	0	2147	0	0	2147	0	2169	0	0	2169
Obst. - VI	0	2011	0	0	2011	0	2024	0	0	2024
Total-Obstetrics.	0	12381	0	0	12381	0	12394	0	0	12394
Medicine - I (A)	2555	1638	0	0	4193	2558	1628	0	0	4186
Medicine - I (B)	2277	1569	0	0	3846	2277	1569	0	0	3846
Medicine - II (A)	2372	1609	0	0	3981	2371	1610	0	0	3981
Medicine - II (B)	2715	1904	0	0	4619	2712	1906	0	0	4618
Medicine - III (A)	2677	1796	0	0	4473	2681	1793	0	0	4474
Medicine - III (B)	2692	1797	0	0	4489	2692	1800	0	0	4492
Total-Medicine.	15288	10313	0	0	25601	15291	10306	0	0	25597

Hematology & Nuclear Med.	367	274	15	3	659	367	274	15	3	659
Neurology	144	92	10	8	254	145	91	10	8	254
Dermatology	101	56	3	7	167	97	55	3	7	162
Nephrology	719	387	11	1	1118	719	383	11	1	1114
Urology	1330	360	68	22	1780	1328	360	68	22	1778
Respiratory Medicine	835	645	9	6	1495	836	644	10	6	1496
Cardiology	2431	1298	56	36	3821	2433	1298	56	36	3823
Psychiatry	177	142	5	2	326	175	141	5	2	323
Paed. - I	0	0	3479	2058	5537	0	0	3480	2061	5541
Paed. - II	0	0	2332	1527	3859	0	0	2333	1526	3859
Paed. - III	0	0	2272	1502	3774	0	0	2269	1502	3771
Total-Paediatrics	0	0	8083	5087	13170	0	0	8082	5089	13171
NEO - NATAL	0	0	8878	7444	16322	0	0	8874	7389	16263
Endocrinology	59	118	38	45	260	58	117	38	44	257
Oncology	1925	4026	35	16	6002	1924	4023	35	20	6002
Sport Injury	1623	268	116	29	2036	1627	269	118	31	2045

DATA ON OUT PATIENTS ATTENDANCE FOR THE YEAR 2021					
SL.No.	Name of the O.P.D.	NEW	REPEAT	TOTAL	Daily Average
1	Medicine	111786	83904	195690	654
2	Paediatrics	23966	17297	41263	138
3	Dermatology	60343	37698	98041	328
4	S.T.D.	2205	2562	4767	16
5	Surgery	44996	55590	100586	336
6	Paediatric Surgery	5627	6170	11797	39
7	Dentistry	25077	13930	39007	130
8	Cardio Thoracic Surgery	2575	5863	8438	28
9	(a) Orthopaedic (Fracture Clinic)	37738	43386	81124	271
10	(b) Orthopaedic (Non Fracture Clinic)	21345	20200	41545	139
11	SIC	39028	33141	72169	241
12	E.N.T.	41691	41319	83010	278
13	Eye	28582	21891	50473	169
14	Plastic Surgery	12368	31475	43843	147
15	Burns	4011	16496	20507	69
16	Gynae	28257	24841	53098	178
17	Gynae Casualty	25364	0	25364	85
18	(a) Obstetrics A.N.C.	24159	36598	60757	203
19	(b) Obstetrics P.N.C.	0	0	0	0
20	Rehabilitation	39822	39214	79036	264
21	Cancer Surgery	1328	3900	5228	17
22	Psychiatry	6851	30674	37525	126
23	Radiotherapy	1428	6280	7708	26
24	Neurology	7025	22414	29439	98
25	Neuro Surgery	6710	14917	21627	72
26	Urology	12649	30804	43453	145
27	Medical Oncology	2081	14846	16927	57
28	Haematology	15317	13841	29158	98
29	Endocrinology (Thyroid & Diabetic)	5870	22442	28312	95
30	Cardiology	12363	30327	42690	143
31	Nephrology	3105	9162	12267	41
32	Resp.Medicine	6080	14653	20733	69
33	Homoeopathic	7258	8089	15347	51
34	C.G.H.S.	79395	38865	118260	396
35	Geriatric ENT	11	19	30	1
36	Geriatric General Surgery	6	8	14	0
37	Geriatric EYE	15	27	42	1

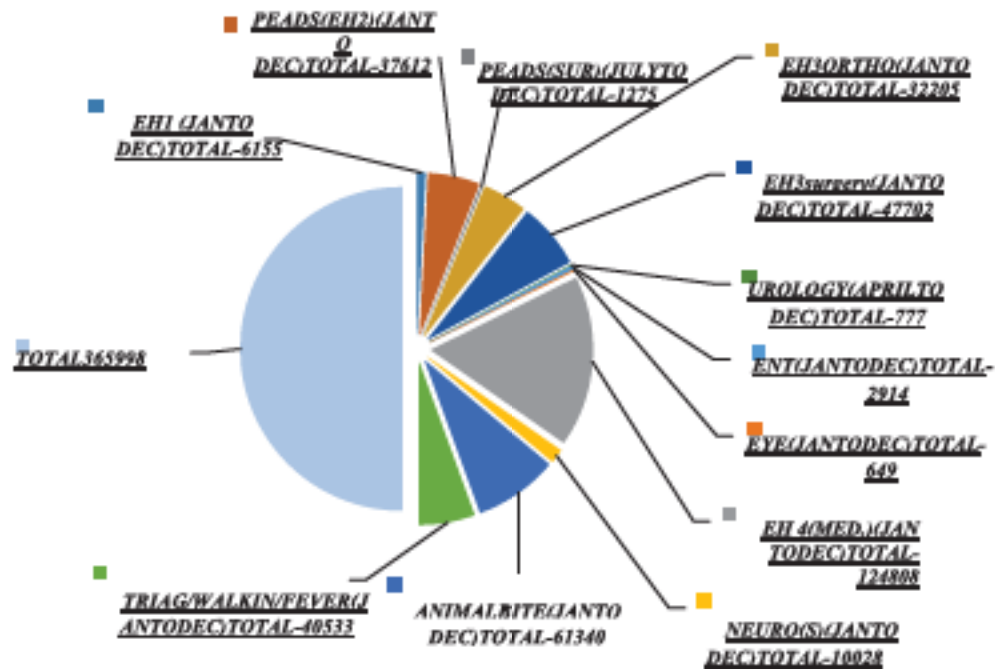
38	Geriatric Medicine	50	32	82	2
39	Accident & Emergency Services *	365080	0	365080	1221
40	Injection Room	94509	0	94509	316
	TOTAL	1206071	792875	1998946	6685
	TOTAL SPECIAL CLINICS	60995	66560	127555	427
	GRAND TOTAL	1267066	859435	2126501	7112
	Working Days -	298			
	* Daily Average based on Working Days	#DIV/0!			

Sl.No.	NAME OF OPD (SPECIAL CLINICS-2021)	New	Old	Total	Daily Average
1	MEDICINE				
	Gastrology (G.E Clinic)	1736	4662	6398	123
	Geriatric Clinic	9	12	21	0
	Rheumatology Clinic	33	100	133	3
2	PAEDIATRICS				
	After completion of Chemotherapy ACT	34	110	144	3
	Immunization	2672	1494	4166	80
	Paediatric Nephrology Clinic	164	1145	1309	25
	Paediatric Haematology Onco	180	982	1162	22
	Paediatric Neurology Clinic	407	1394	1801	35
	High Risk Clinic	207	275	482	9
	Paediatric Endocrinology	65	273	338	7
	Paediatric Chest Clinic	96	386	482	9
	Paediatric Cadiology Clinic	47	159	206	4
	ROP Clinic	122	61	183	4
	Adolescent Clinic	18	21	39	1
3	SKIN				
	Pigmentaion Clinic	58	27	85	2
	Allergic Clinic	186	107	293	6
	Follow UP Clinic	81	54	135	3
	Leprosy New	77	45	122	2
	Leprosy Old	126	69	195	4
4	ORTHOPAEDICS				
	Spine Deformity & Scoliosis Clinic	0	0	0	0
	Bone Tumor Clinic	0	2	2	0
	Knee Arthroscopy Clinic	0	0	0	0
	Hand& Re Implantation	0	0	0	0
	Physio Therapy	12248	2803	15051	50
	Occupational Therapy	9366	2685	12051	40
5	SIC				
	SIC (Physiotherapy)	1549	35943	37492	125
	SIC(Psychology Clinic)	0	0	0	0
6	Burns & Plastic Surgery				
	Burns & Plastic Surgery (Physiotherapy)	20396	0	20396	68
7	ENT				
	Tumour Clinic	49	92	141	3
	Neuro Otology clinic	68	54	122	2
	Voice Clinic	7	4	11	0

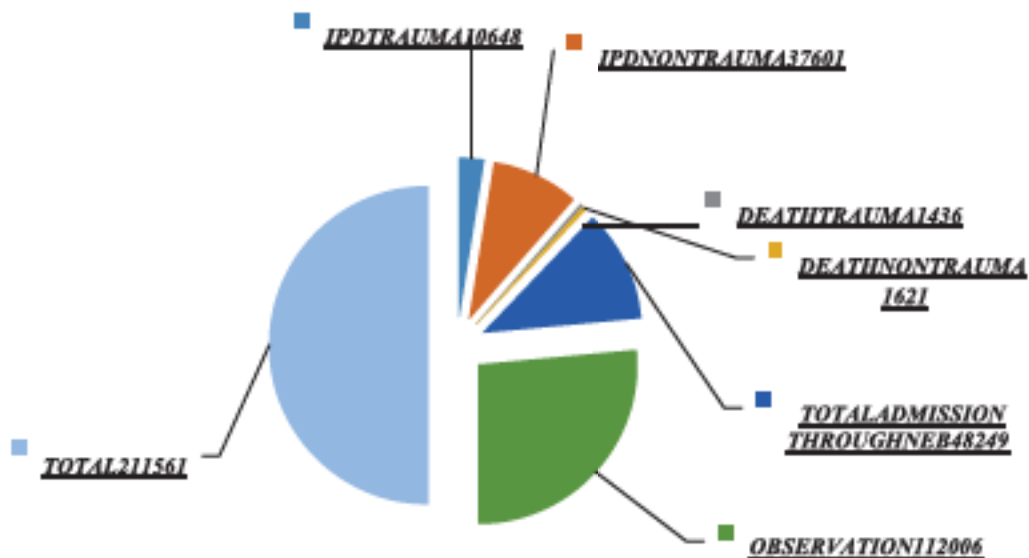
	Endoscopy	30	17	47	1
8	Eye				
	Oculoplasty	77	193	270	5
	Cornea	73	94	167	3
	Glaucoma	48	175	223	4
	Glaucoma	49	273	322	6
	Retina Clinic	109	263	372	7
9	OBST, & GYNAE				
	PREVENTIVE ONCOLOGY	27	34	61	1
	FETAL MEDICINE CLINIC	78	496	574	6
	Infertility	1792	4638	6430	62
	Family Planning	5948	3506	9454	91
	REPRODUCTIVE Gynecology	8	2	10	0
	COLPOSCOPY	41	126	167	2
	NEEVA Adolescent	58	130	188	2
	Gynae Oncology	103	221	324	3
	Urogynaecology	57	126	183	2
	Menopause	27	31	58	1
10	REHABILITATION				
	Disability Board	13	23	36	1
	Cerebral Palsy	12	85	97	2
	Stroke Neuro Rehabilitation	11	17	28	1
	Polio Clinic	67	80	147	3
	Appliance Clinic	42	32	74	1
	Spinal Injury	778	759	1537	30
	Diabetic Foot	21	164	185	4
	Early Intervention Clinic	103	88	191	4
11	RADIOTHERAPY				
	ENT Tumor Clinic	0	15	15	0
	CCD	22	147	169	3
	Tumor Board Clinic	0	38	38	1
12	PSYCHAIRY				
	Psycho Sexual	478	340	818	16
	Child Guidance	213	123	336	6
13	ANAESTHISIA				
	PREANAESTHETIC CLINIC P.A.C.	0	0	0	0
	Pain & Occupuncture	0	0	0	0
14	Palliative Pain Clinic	192	1049	1241	24
15	STD Clinic	517	316	833	16
	TOTAL	60995	66560	127555	2453

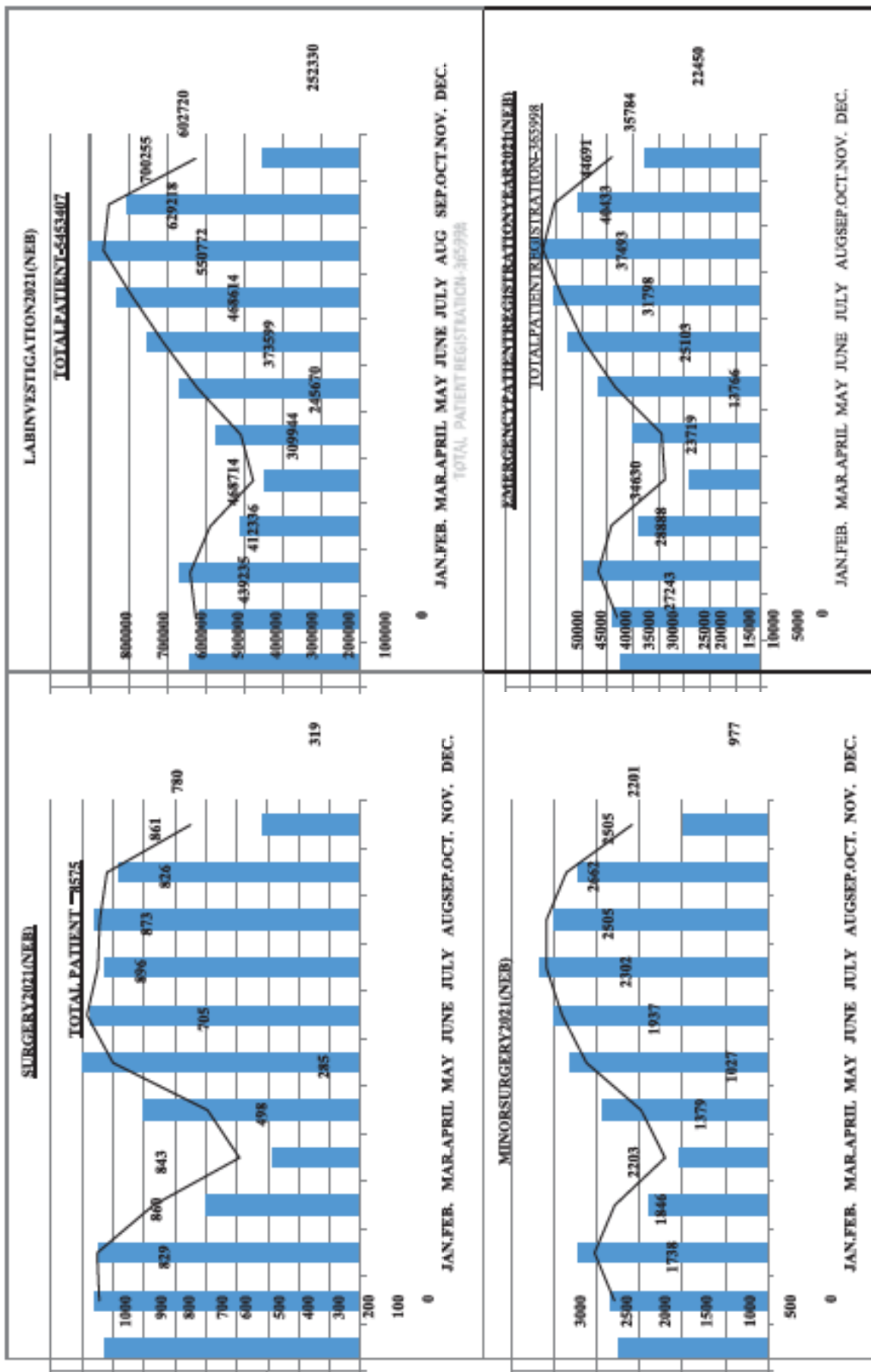
PATHOLOGY		BIOCHEMISTRY		MICRO		CT	XRAY	US	TOTAL	IPDT TRAUMA	IPD NONTRAUMA	DEATH	TOTALADMISSION THROUGH	OBSERVATION	TOTAL	
SAMPLE ESCREENED	TESTSDONE	SAMPLE ESCREENED	TESTSDONE	TESTSDONE	TOTAL							TRAUMA	NONTRAUMA			
32731	231313	21983	142960	10248	439235	3971	11892	4094	19957	1129	3118	122	105	4247	8688	17409
30983	213808	20914	138056	8575	412336	3492	13082	4141	20715	1017	2775	134	98	3792	8830	16646
34608	245737	23575	155744	9050	468714	3943	15230	5055	24228	1067	3196	136	130	4263	9601	18393
21495	156227	16381	109762	6079	349944	2400	9318	3017	14735	670	2084	100	118	2754	6166	11892
16974	119647	13603	90152	5294	245670	1914	5638	2258	9810	357	1546	76	94	1903	3640	7616
30330	194968	18209	121538	8554	373599	3747	11749	4427	19923	917	2458	119	86	3375	7714	14669
35173	251363	23133	148514	10431	468614	3894	14855	5704	24453	1053	2947	214	128	4000	9219	17561
41140	294460	26210	178346	10616	550772	3973	16341	6637	26951	1038	3718	131	153	4756	11462	21258
43087	309766	27258	236333	12774	629218	4563	15928	6113	26604	978	4485	98	155	5463	12486	23665
53149	393581	29801	209488	14236	700255	4803	16410	6807	28020	1004	5410	114	214	6414	14916	28072
42425	313542	27648	209190	9915	602720	4346	13714	6057	24117	975	4347	125	236	5322	12737	23742
17825	126183	12338	91474	4510	252330	2200	5890	2600	10690	443	1517	67	104	1960	6547	10638
399920	2850595	261053	1831557	110282	5453407	43246	150047	56910	250203	10648	37601	1436	1621	48249	112006	211561

EMERGENCY PATIENT REGISTRATION YEAR 2021 (NEB)



ADMISSION THROUGH (NEB)





ACADEMIC CELL REPORT

ACADEMIC CELL REPORT

PRELUDE

The Academic Cell envisages to promote clinical skill development and academic excellence and inspire quality research in various undergraduate, postgraduate and postdoctoral university programmes run in the institution.

FACULTY

- **Dr. Geetika Khanna**, Principal
- **Dr. Dharam Singh Meena**, Registrar
- **Dr. Sachin S Kolte**, Deputy Registrar
- **Dr. Sheetal Arora**, Deputy Registrar
- **Dr. Vinod Gupta**, Officer-in-Charge, Academics

ACADEMIC COUNCIL

The Council, chaired by the Principal, Dr Geetika Khanna and comprising of the heads of each Department as members, meets on a regular basis to discuss and debate the various academic issues. The Council aims to achieve a smooth functioning of the institution under the ambit of regulations of the Guru Gobind Singh Indraprastha University (GGSIPU) and National Medical Commission (NMC).

A number of subcommittees have been constituted to

ensure orderly conduct of various academic programmes of the college.

ACADEMIC PROGRAMMES

UNDERGRADUATE PROGRAMMES (MBBS)

The MBBS programme, started in 2002 is a 5 ½ year course with annual intake of 170 students from all over India, and is affiliated to the Guru Gobind Singh Indraprastha University, Delhi.

Pass percentage in the undergraduate programmes is as follows:

- 1st MBBS – Annual examination, 2021 - 92 % & Supplementary Examination, 2021- 69.3 %
- 2nd MBBS – Annual examination, 2021 - 92.22 % & Supplementary Examination, 2021- 85.18 %
- 3rd MBBS Part I – Annual examination, 2021 – 84.45 % & Supplementary Examination, 2021- 76.86 %
- 3rd MBBS Part II – Annual examination, 2021 - 88 % & Supplementary Examination, 2021- 71.42 %

Name of Toppers	Marks	Subject
BHAVYAARORA	745/900	1 st position in MBBS First Prof (Main Batch 2020)
MEDHANSH KAPOOR	723/900	2 nd position in MBBS First Prof (Main Batch 2020)
SNIGDHA BASU	722/900	3 rd position in MBBS First Prof (Main Batch 2020)
BHAVYAARORA	253/300	Highest marks in Anatomy
HARSHITA CHAUDHARY	257/300	Highest marks in Biochemistry
BHAVYAARORA	237/300	Highest marks in Physiology
ISHAAN MISHRA	725/900	1 st position in MBBS Second Prof (Main Batch 2019)
PAYAL BUGALIA	713/900	2 nd position in MBBS Second Prof (Main Batch 2019)
ISHIKA	702/900	3 rd position in MBBS Second Prof (Main Batch 2019)
FIDETA A MASSAR	226/300	Highest marks in Pharmacology
ISHAAN MISHRA	255/300	Highest marks in Microbiology
ISHIKA	252/300	Highest marks in Pathology
RASHI HASIJA	293/400	1 st position in MBBS Third Prof Part 1 (Main Batch 2018)
DEERAJ YADAV	286/400	2 nd position in MBBS Third Prof Part 1 (Main Batch 2018)
ANSHIKA JAIN	282/400	3 rd position in MBBS Third Prof Part 1 (Main Batch 2018)
NIDA SALIM	142/200	Highest marks in Community Medicine
RASHI HASIJA	80/100	Highest marks in Ophthalmology
DHEERAJ YADAV	74/100	Highest marks in ENT
DINESH KUMAR SOLANKI	74/100	Highest marks in ENT
SHUBHI GUPTA	680/900	1 st position in MBBS Third Prof Part 2 (Main Batch 2017)
AARUSHI NARWANI	672/900	2 nd position in MBBS Third Prof Part 2 (Main Batch 2017)
SAHIL SINGLA	662/900	3 rd position in MBBS Third Prof Part 2 (Main Batch 2017)
ANKITA GUPTA	662/900	3 rd position in MBBS Third Prof Part 2 (Main Batch 2017)
ISHA YADAV	225/300	Highest marks in Medicine
AARUSHI NARWANI	237/300	Highest marks in Surgery
AASTHA VIRMANI	158/200	Highest marks in Obstetrics & Gynaecology
AMISHA GUPTA	81/100	Highest marks in Pediatrics

LIST OF GOLD MEDALISTS (GRADUATE COURSE – MBBS)

POST GRADUATE AND SUPERSPECIALTY PROGRAMMES (MD, MS, DNB, DM, MCh, Fellowships)

The Post Graduate and Post Doctoral courses offered by the college under the affiliation of Guru Gobind Singh Indraprastha University, offers an opportunity to the Graduate and Post Graduate students to attain expertise in various disciplines. There are a total of

313 postgraduate (MD/MS) seats recognised by the university; 43 seats in super speciality fields (DM/MCh), 7 seats of Diplomate of National Board of Examination and 4 seats of Fellowship of National Board.

Pass percentage of MD/MS in Annual Examination in 2021: 97.34 %

Pass percentage of DM/MCh in Annual Examination in 2021: 100%

SUBJECT WISE TOPPERS IN MD/ MS, DNB, DM/MCh

Name of Student	Name of Course	Total Marks	%	Position
Dr Joseph George Tharion	MD Anaesthesiology	590	73.75	1 st
Dr Mohan Ram K	MD Anatomy	475	59.38	1 st
Dr Rohit Kumar	MD Biochemistry	564	70.5	1 st
Dr Mogan K A	MD Community Medicine	522	65.25	1 st
Dr Molisha Bhandari	MD Dermatology	534	66.75	1 st
Dr Joban Preet Singh Deol	MD General Medicine	623	77.88	1 st
Dr ChebroluHethu	MS General Surgery	577	72.13	1 st
Dr Priyanka Jangra	MD Microbiology	480	60	1 st
Dr Monica	MD Pathology	592	74	1 st
Dr Palak Khera	MD Pediatrics	574	71.75	1 st
Dr NichwaLeewenhoek S Nongtduu	MD Pharmacology	477	59.63	1 st
Dr Deepthi S Johnson	MD Physical Medicine and Rehabilitation	524	65.5	1 st
Dr Dilip Kumar	MD Physiology	457	57.13	1 st
Dr Rupam Dhiman	MD Psychiatry	535	66.88	1 st
Dr Sabeena	MS Obstetrics and Gynaecology	521	65.13	1 st
Dr Shruti Revankar	MS Ophthalmology	57	71.5	1 st
Dr NyaiEte	MS Ophthalmology	57	71.5	1 st
Dr Lakshman	MS Orthopedics	578	72.25	1 st
Dr Karthika Nathan	MS Otorhinolaryngology	531	66.38	1 st
Dr Hemendra	MD Radiotherapy	632	79	1 st
Dr Savyasachi Jain	MD Radiodiagnosis	607	75.88	1 st
Dr Shubham Ahuja	MD Sports Medicine	485	60.63	1 st
Dr Tushar Agarwal	DM Cardiology	565	70.63	1 st
Dr Cantika Choudhary	DM Neurology	568	71	1 st
Dr Mahendran A J	DM Pulmonary Medicine	537	67.125	1 st
Dr Madhur Kumar	MCh CTVS	472	59	1 st
Dr Frankie ShadapSiangshai	MCh Neurosurgery	474	59.25	1 st
Dr Anjana Sreedharan	MCh Pediatric Surgery	601	75.13	1 st
Dr Dharini	MCh Plastic Surgery	581	72.63	1 st
Dr Patel Samarth Rashmikant	MCh Urology	664	83	1 st

ALLIED COURSES DEGREE COURSES

- Bachelors in Prosthetics and Orthotics
The Department of Physical Medicine and Rehabilitation runs 4years' Bachelors in Prosthetics and Orthotics programme in affiliation with GGSIP University, Delhi. 16 students were enrolled in the year 2021.
- Bachelors in Medical Laboratory Technology:
The institution also has a three years Bachelor programme (BSc, MLT) for the which is run by Department of Pathology, having a sanctioned strength of 25 seats. The admission to this course is

conducted through GGSIP University.

- Bachelors in Medical Imaging Technology
The Department of Radiodiagnosis has initiated a Bachelors in Medical Imaging Technology (BSc-MIT) affiliated to the GGSIP University with a sanctioned intake of 12 students.

DIPLOMA COURSES

- A Pre-Hospital Trauma Technician (PTT) course is being run by Anaesthesia Department for a duration of one year and has a sanctioned strength of 30 students.

STUDENTS AWARDS AND ACHIEVEMENTS

- The college's Fashion society "Elan" bagged 1st position in MAMC festival "Synapse" held in October 2022
- College's Football team got 2nd position in AIIMS Jodhpur Intercollege Football 'Aura Cup' during April 2022
- During World Antimicrobial Awareness Week 2021 in November, Department of Microbiology organised Poster Making competition where Fideta Massar achieved 1st position, Limasangla Walling 2nd position and Lagan Sethi 3rd Position. Slogan writing was also organised and Pratik Sarangi got 1st position, Thungdeno P Ngully 2nd position while Varun, Rishab, Vaibhav and Sunny Goyal got 3rd position.

- Shikhar Dabas was adjudged 3rd position in Essay writing competition during vigilance awareness week 2021

SCHOLARSHIPS DISBURSED

A total of 50 students availed of various scholarship schemes, including the Top Class Fellowship for Higher Education of ST students, National Fellowship for higher education of ST students, Post matriculation scheme for minorities, National Talent Search Examination scholarship and various other Departmental Scholarships, EWS scholarship offered by the Government of NCR through GGSIP University.

Achievements of Undergraduate Students

NEET PG AND INICET EXAM (2015 Batch)

INICET May 2021

- Dr. Nandita – AIR 15
- Dr. Ayush Singla - AIR 29
- Dr. Chiranjeev – AIR 50
- Dr. Manika Malik – AIR 58
- Dr. Ruchika – AIR 75

Nov AIIMS 2021

- Dr. Hanny - AIR 54
- Dr. Nimish – AIR 208
- Dr. Aastha Choudhary - AIR 300

NEET PG 2021

- Dr. Manika Malik - AIR 43
- Dr. Arushi – AIR 333

SPORTS ACHIEVEMENTS By Keshav Nagpal (2018 Batch)

- Best Batsman in friendly match between VMMC vs AIIMS - 7th feb 2021
- Best Batsman in Ekta tournament - 17 October 2021
- Man of the Match & Man of the Series in 2nd Dr Divij Memorial Tournament - 12 Nov 2021
- Best Batsman in Ekta Tournament - 25 December 2021

By Vishwas Balyan (2019 Batch)

- Best Bowler vs Gurgram Dynamos - 11 March 2021
- Man of the match vs HrhDnb - 7 April 2021
- Best bowler in match between VMMC vs NDMC - 9 April 2021
- Best bowler vs Royal striker nathupur - 20 June 2021
- Man of the match in match between VMMC vs NDMC -1 July 2021
- Best batsman in match between VMMC vs NDMC - 1 July 2021
- Best Bowler in match between VMMC vs NDMC - 07 July 2021
- Best Batsman in match between VMMC vs UCMS - 14 Aug 2021

SOCIETY ACHIEVEMENTS By Kalvalya (Street Play Society of VMMC)

- 3rd position in Short Video Making Competition by AIIMS Deoghar: Quit Tobacco - 5 June 2021
- AIIMS AQUISIS: Metamorphosis – 5 July 2021
- 1st Position in Skit Making Competition by NMC (Organ Donation) – 16 August 2021

ACHIEVEMENTS IN COMPETITIONS By Shreya Menon (2018 Batch)

- 1st position in Madhumeah - A quiz on Diabetes Mellitus organized by AMSA - India on 5th February'21
- 3rd position in the Shraddhaa- Medhunt, a 5 level All India Quiz competition organized by Andhra Medical College from 15th July'21 - 17th July'21 to mark their 99th Foundation Day.

By Ayan Agarwal (2018 Batch)

- 2nd position in Madhumeah Diabetes Quiz held on 5th Feb 2021
- 3rd position in Asclepius Clinicmania held on 10th August 2021
- 2nd position in Medicinverse held on 14th August 2021
- 3rd position in DiagKnows held on 17th Oct 2021

By Shikhar Dabas (2019 Batch)

- 3rd prize in GOI SatarktaJagruktaSaptah, Took place in VMMC in December 2021

By Prabudh and Nitin Gupta (2017 Batch)

- IAP Quiz, State level 2nd runner up held on 24th September 2021 at Kalawati Saran Children's Hospital

PUBLICATIONS

Sanjeeva Kumar Reddy (2018 Batch)

- Research published in Indian journal of health science and care- Evaluation of Knowledge Attitude and Practices of Medical Undergraduate Students Towards COVID Vaccination

MEDICAL STUDENTS' ASSOCIATION OF INDIA (MSAI)

MSAI is a non-government organization of, for and by medical students. It is India's first both nationally & internationally represented organization for medical students. MSAI-India is a registered society in New Delhi under the Societies Act and is dedicated to work for the welfare of medical students across the country and to enhance the healthcare in India. Following positions were held by students of VMMC in 2021 under MSAI –

- Dr Yash Rathi (2016 Batch) – Regional Director for Northern India (RD North)
- Soham Aggarwal (2018 Batch) – National Officer on Human Rights and Peace (NORP)
- Shikhar Dabas (2019 Batch) – National Officer on Medical Education - General Assistant

(NOME-GA)

- Pratik Sarangi (2019 Batch) – National Officer on Public Health – General Assistant (NPO-GA)
- Mayank Azad (2019 batch) – Local Officer on Reproductive Health and Sexual Health (LORA)
- Varsha Maurya (2020 Batch) – Local Officer on Human Rights and Peace (LORP)
- Harshita Chaudhary (2020 Batch) – Local Officer on Research Exchange (LORE)
- Pankhuri Sirohi (2020 Batch) – Local Officer on Public Health (LPO)
- Ayushi Gupta (2020 Batch) – Local officer on Medical Education (LOME)
- Asmita Shah (2020 Batch) – Local Officer on Professional Exchange (LEO)

Events	Category	Achievement
VPL- VARDHMAN PREMIER LEAGUE	1. KABADDI a) GIRLS	i) 1st position (20 batch) Ishika Aakriti Modi Ankita Singh Aarti Meena Kanak Sinha Shweta Singh Prema Yadav Nikita Sheoran ii) 2nd position Shreya (19) Sejal (19) Payal (19) Surabhi sahu (18) Noopur (18) Ankruti (18) Ishika Chaudhary (19) Anoushka khushi (18)
	1. KABADDI b) BOYS	1st position KABADDI (Boys) Yogendersingh Lakshayyadav Jatin mor Vishal kohli Amit sahu Abhishek Vashisht Vansh Garg
	2) BASKETBALL	<u>2nd position</u> <ul style="list-style-type: none"> • Badal • Anuj • Abhishek Gupta
	3) ARM WRESTLING	1st: lakshya 2nd: badal
	4) CHESS	1st- Mehrab 2nd- Ayush Deep
	5) FIFA	1st position- Anuj kothari
BEAT THE HEAT SPORTS TOURNAMNET (INTER COLLEGE) - SM	1) FOOTBALL	<u>1st position:</u> Goalkeeper- Utkarsh Panwar Defenders- Abhishek Gupta Daksh Kamboj Harjinder Singh Mahal Prakhar Singh Midfielders- Pulkit Gupta Anuj Kothari ArshanKhongwir Forwards- Umang Sharma Faiz Ahmad Khan

AIIMS JODHPUR INTERCOLLEGE FOOTBALL Aura Cup		Umang Sharma Abhishek Gupta Nikunj Gupta (2019) Kartik Upreti (2019) Faiz Ahmad Khan (2019) Kashif Alam (2019) Shardool Pandit (2019) Gokul Nirwal (2018)
Dr Pranshu Cup Memorial tournament (intercollege)		2nd position Goalkeeper- Utkarsh Panwar Defenders Daksh Kamboj Harjinder Singh Mahal Abhishek Gupta Midfielders Pulkit Gupta Anuj Kothari Arshan Benrio Striker Umang Sharma Abhinav Raj Top Goal scorer- Umang Sharma
MEDSICON	1)Just a minute 2)Medsicon Scientific	Umang Sharma- 3rd position Paper Writing Best Letter to editor (top10)- Harshita Chaudhary

BRIEF WRITE UP ON DISTINCTIONS ATTAINED IN SPORTS AND EXTRA CURRICULAR ACTIVITIES AT THE UNIVERSITY OR INTER-UNIVERSITY LEVEL BY THE STUDENTS.

World Anaesthesia Day Cultural Programme (Virtual)16th October 20Virtual Cultural Programme From Various Hospitals On Event Of World Anaesthesia Day. Participation By: Dr.Amita Gupta, Dr. Shipra Aggarwal, Dr. Mamta Panwar, Dr.Arushi Gupta, Dr.PratitiChoudhuri, Dr. Ira Balakrishnan

NAMES OF THE STUDENTS/RESIDENTS WHO HAVE ATTAINED DISTINCTIONS IN VARIOUS UNIVERSITY EXAMINATIONS/NATIONAL OR INTERNATIONAL CONFERENCES.

- Dr. Sakshi Gupta
- Dr. YazhiniAa
- Dr. Mohd. Gayaz
- Dr. Neha
- Dr. Pallavi Paruthi

Graduating Students Roll

MBBS Batch 2014

AMIT KUMAR
JATIN GODARA
RIDAM
NIKITA GARG
PRASANT SHARMA
AKSHAY KUMAR
RAGHURAJ CHAWLA
KAVIN BHOGAR
MANAS KHARE
ANISH ANAND
ANJALI GARG
TANMAY YADAV
JASMINE BAJWA
PRASHANT BAJAJ
PRARIT VARSHNEY
AKSHAT SAXENA
HARSHITA
ARINJAY JAIN
WASIM UR RAHMAN
PRAKHAR SRIVASTAVA
RAHUL RAMCHANDANI
GAURAV GUPTA
SAURABH
SAI SAURABH VEDURMUDI
ROHIL JAIN
FURQUAN AHMAD
MANSI JAIN
GAURAV WADHWA
RAHUL SANGWAN
DEEPAK GODHWAL
NIDHI YADAV
ROHIT KATARIA
MOHIT MITTAL
AKANKSHA GUPTA
KAMAKSHI KHARBANDA

PIYOOSH PRIYADARSHEE
VIPIN KUMAR
ABHINAV NAKRA
SHAMSHEER ALAM
HARSHIT AGARWAL
SAKSHAM JAIN
ABHISHEK
DEEPANSHU
MAYANK MOHAN GUPTA
SAMEER AHLUWALIA
PRINCE DHAMIJA
AROSH SINGH
VASUNDHARA MATHUR
SHUBHI JAIN
KARAN BARAT
ADITI TRIPATHI
APARAJITA SONI
SUSHMA MEENA
SHUBHANK GOYAL
SARTHAK SAXENA
CHANPREET DHALIWAL
GAURAV GOEL
DUSHYANT GAUR
UTKARSH KUMAR
SAURABH GUPTA
KAVYA GOYAL
ANANT GUPTA
NEHA GOYAL
RAHUL SHARMA
RAVINDRA KANTHALIYA
TUSHAR ABHINAV
ANANDI GOYAL
MANISH SHARMA
UDAY AGARWAL
SANJEEVANI NANDA

VIKARNT KUMAR MEENA
NIMISHA KAUSHAL
SNIMARJOT KAUR
UTKARSH RATHI
PRASHANT SINGH
AYUSHI
RABEEBA T.C.
RAVI KUMAR
MONIKA RANA
SUBHASMITA MALIK
FARAZ MUSHIR
VANDANA KUMARI
SHYAMKANHAI SHARMA
ANIL KUMAR
NITIN PANWAR
GANESH YADAV
RACHNA
NILESH VERMA
ARVIND SINGH
AKSHAY KUMAR
DEEPAK KUMAR
CHANDRA KANT SINGH
ROHIT KUMAR
SWATI
MUKESH MEENA
NISHA SWAMI
MANISH KUMAR
RICHA SHARMA
NIRBHAY KUMAR
GURSHARAN SINGH
NIDHI HOODA
RASHI SAINI
KOMAL
ADITI RAJ
DIPUSH SWARUP

SUSHMA SINGH
 SUSHANT TANWAR
 NUPUR
 PIYUSH PRABHA SINGH
 PRIYANSHU KUMAR
 APROOVA SINGH
 PARUL TANWAR
 MOHIT RAJORA
 SAURABH SUMAN
 VISHWASH KUMAR
 SWETA ANAND
 SHIVANG KAUSHAL
 PRASHANT KUMAR
 ROHIT GOYAL
 BHAVSIMRAN SINGH MALHI
 SHAGUN SINGH
 PARKHI BHARTI
 ANKITA
 ANURAG KUMAR
 HIMALAY AGARWAL
 JAGBIR SINGH
 JYOTI
 PREYANK S KUMAR
 SHREYAS PATNAIK
 SHRI RAM MEENA
 SIDHARTH AGARWAL
 TAMANNA VEER SINGH
 VEKHOISO NYEKHA
 ANUBHAV DESWAL
MBBS Batch 2015
 CHIRANJEEV SINGH SETHI
 AKANKSHA AGARWAL
 ISHAAN SIWACH
 AYUSH SINGLA
 ARUSHI GOYAL
 SONAM SINGH
 SUSHIL RANJAN
 AYUSH AGARWAL
 NIKHIL VASUDEVA
 RUCHIKA MOHAN
 AKSHUN JANI
 SANCHIT
 NIKHIL KUMAR GILL
 AMANDEEP SINGH
 RAJAT SAINI

APOORVA AGARWAL
 DIVYA MANCHANDA
 ZOYA FATIMA
 ANUSHA AGRAWAL
 FAITH JIWAKHAN
 JITENDRA MEENA
 PRIYANSHU
 MANSUNDERBIR SINGH
 DEEPAK KUMAR MEENA
 DEEPAK
 CHETNA SIWACH
 VATSAL GUPTA
 RAVI TALAPA
 VIKRAM KUMAR
 ABHINAV SIROHA
 SHUBHAM GAUTAM
 GORANGI RANDHAWA
 PRANKUR SINGH
 PRIYA LAL
 KRITIKA BHASKAR
 MADHURI
 PRASHANT KUMAR
 NEHA PANDEY
 TUSHAR GUPTA
 BHANU PRATAP REDDY
 DEEPAK FAGERIA
 NAVEEN
 VARSHA SEHRAWAT
 AYUSH MUZALDA
 KARITIK CHAUDHARY
 SAKSHI KUMARI
 SUJATA SEHRAWAT
 AASTHA CHOUDHARY
 NIKITA GUPTA
 AYUSH SINGHAL
 DHRUV YADAV
 AKSHAY YADAV
 MUKUL
 SURYA GAHLOT
 SANJANA
 REENA KUMARI MEENA
 PRAROOP GARG
 SEZAL
 RAHUL GUPTA
 DEEPAK SHARMA

ROHIT
 HIMANSHU GARG
 ABHINAV UTKARSH
 PARVEEN DAGAR
 IVANSHI BAIJNATHAN
 SNIGDHA GULATI
 RAMYASH GOYAL
 VISHAV RAKESH DAMATHIA
 ARVIND KUMAR
 SAURAV DHAWAN
 SIDDHARTH GARG
 MANNAT MAHAJAN
 HANNY SHARMA
 SHAURYA YADAV
 RAVINDER SINGH
 SHIVAM SAUMY
 NIMISH SANDOOJA
 VANSI BHOLA
 AKSHIT ARORA
 AYUSH JAIN
 NISHA VERMA
 DEVAL GUPTA
 KARANJEET SINGH KOHLI
 PARTH PANWAR
 KARTIKEYA SRIVASTAVA
 NANDITA MEHTA
 SONALI CHAUDHARY
 PRAKRITI GARG
 PALLAVI SAINI
 VASU GARG
 VAIBHAV AGRAWAL
 PRATEEK CHAUDHARY
 SIMRA RASHEED
 MANIKA
 ANURAG SHARMA
 ROHIT GARG
 ANURAG GOYAL
 YOGENDRA SINGH
 ANURADHA PANDIT
 SHUBHAM BADOLA
 MRIDUL MANOJ MISRA
 SHAMBHAVI
 VISHVENDER SINGH
 NITESH KUMAWAT
 SAHIB SARANGAL

YASH DIXIT
SARU SIROHI
AARUSHI MEHTA
MADHURA JAIN
NARENDRA KUMAR GURJAR
PRINCY CHAUDHARY
KIRAN DHAWAN
SANSKRITI GARG
SANA DANG
MADHAVI SARIN
EMIKY BAREH
RANJEET KUMAR GHASAL
RAJAT BHATIA
ABHAY GOYAL
ARUSHI GARG
RAJIV KLER
LALDINMAWII RALTE
VIKASH CHUNDWAL
SHUBHAM HALDWANI
ARNAV ARUN
AKASH KUMAR
BHARAT KUMAR
NEELU GUPTA
RAKSHIT SINGH
ANU
VISHAL DAHIYA
HIMANSHI RAO
SAHIL
SAMARTH AGRAWAL
TUMGUM KAYE
GIRIDHAR KUMAR
BHAVNEET KAUR
MOHIT BAJAJ
SHREYASH AGRAWAL
HARSH PRATAP SINGH
SARITA RAO
CHERUB GUPTA
KISHAN
AKSHAY TANWAR
KARAN SACHDEVA
PANKAJ KATARIA
KESHAV GUPTA

MBBS Batch 2016

SANKET MISHRA
SAURABH
CHESHTA
MRIDUL GOYAL
RITVIK GARG
SIMAR SACHDEVA
DEEPAK KUMAR
DHRUV SOOD
KHYATI
AMAN JAWWAD
VAIBHAV DUBEY
ANMOL GUPTA
SAHIL SIDHUgin
SIDDHANT JAIN
AYUSH KURMI
ROHIT SANGWAN
PARAS GOSWAMI
PALASH JAIN
ISHAAN WAZIR
KSHITIZ GAGAL
MANYA KUMAR
AVIRAL SINGHAL
PRIYAM SHARMA
GEETIKA VATS
TANYA JAIN
PUNEET KUMAR SAKSHI
DEEPAK DHAKAD
ABHIJEET KUMAR
MANSI SAXENA
HARDEEP KHATRI
KUNAL CHANANA
BHUMIKA MADAN
RACHIT BANSAL
SAMIKSHA KHARBANDA
SHUBHANKAR SINGHAL
SHAHRUKH ALAM
PRADEEP PATEL
PRASHANT KUMAR
VANDANA MEENA
ANJALI MEENA
POOJA KUMARI MEENA
PRIYANKA KUMARI
DEEPAK KUMAR MEENA
DIVYANSHU SINGH

RITESH DONKAL
ASHISH KUMAR SINGH
SURBHI KASHYAP
KARMAN JIWANPURI
YUGANSH GAUTAM
SHRADHA PRASAD
DHANANJAY KHERA
AROOZ SUMAN
KUNAL SINGH
GOURAV SAINI
SHUBHAM KUMAR VERMA
AKASH TANWAR
VIKRANT SINGH KHARB
ANKIT BALYAN
DEVESH KUMAR TALAN
MANOJ KUMAR MEENA
HARSHITA
RITIKA SIHMAR
ABHISHEK DAHIYA
DEEPIKA
CHETNA MATHUR
SAGAR BIDLLAN
SHWETA
NISHA
ARUN KUMAR
PRAVESH
SAHITYA MALIK
PANKAJ
AKASH GUPTA
KUNAL SAINI
MOHAN DABAS
ROHIT PAL
AMIT KUMAR YADAV
TABISH KHAN
RAGINI
HIMESH CHANDRA
CHOUDHARY
YASH RATHI
ANIRUDH SINGH
AASHI SARVESH
SHUBHAM CHAUDHARY
SAMARTH KHANDELWAL
RISHAB PAMECHA
RAGHAV KAUSHAL
SHAURYA GARG

GEETIKA AGARWAL	HIMANSHU KUMAR	TANISHQ KANSAL
ROHIT RATHI	AKSHAY KUMAR GUPTA	TUSHAR DEORIA
BHAVESH AGRAWAL	CHIRAG BANSAL	VAGISHA SHARMA
OORVI GARG	DASHMESH ARORA	LALREMSANGA
ANIRUDH KAUSHIK	DIVYANSH D BHARGAVA	AJEET KUMAR
SOURABH SINGH	JITENDRA YADAV	LUDOWE LOMI
ROHIT	JAY PRAKASH KUMAR	GANESH SIYUM
SIDDHANT SADWANI	KINZA ANSARI	BONNIE GARNETTE
ABHINAV MAHAJAN	MOHIT KUMAR	FLOSTER TARIANG
RAJAT SAIGAL	NAKUL BANSAL	ARJU MISHRA
DEEPAK KUMAR (S/O RAJ KUMAR JHA)	PARAS MAHAJAN	PRIYANKA
AGRIMA MITTAL	PARAS SINGH CHANDI	ABHISHEK TANWAR
GAURI MAHESHWARI	MD AZHARUDDIN	RAJNEESH KUMAR
RAHUL MADAAN	PRABHAKAR SINGH	MOHAMMAD BINAMIN
HARSH VARDHAN	PULKIT RATTAN	SURYABHA RAJ
KASHISH MODI	RACHIT KUMAR	VAISHALI
ANURAG MISHRA	RUPAL PERIWAL	MEGHA TRIPTI
ADITYA NAG	SUKIRAT SINGH BHATIA	RAKESH KUMAR
AKASH KATIYAR	SAPNA RANI	
	SUPRIYA MAHESHWARI	

MD/MS students passed in 2019

Dr. Anil Kumar	MD Anaesthesia	Dr. MD. Saquib Mokhatar	MD Medicine
Dr. Bhavya Kaushik	MD Anaesthesia	Dr. Mohammad Adnan Khan	MD Medicine
Dr. Himanshu Gaur	MD Anaesthesia	Dr. Umashankar U.S	MD Medicine
Dr. Juhi Baktavar	MD Anaesthesia	Dr. Vaibhav Shrivastava	MD Medicine
Dr. Meera Rajeev	MD Anaesthesia	Dr. Vishnupriya A.R.	MD Medicine
Dr. Rajneesh Choudhary	MD Anaesthesia	Dr. Akash Jain	MD Medicine
Dr. Subhrodeep Das	MD Anaesthesia	Dr. Deepali Sharma	MD Medicine
Dr. Akshaya Kumar Das	MD Anaesthesia	Dr. Dipankar Das	MD Medicine
Dr. Andal Priyanka B.	MD Anaesthesia	Dr. Gaurav Bhashker	MD Medicine
Dr. Mohit Jain	MD Anaesthesia	Dr. Kamleshwar Mahto	MD Medicine
Dr. Mona Swain	MD Anaesthesia	Dr. Rahul Arya	MD Medicine
Dr. Nitin Tyagi	MD Biochemistry	Dr. Tarun Kumar	MD Medicine
Dr. Ankita Khambra	MD Dermatology	Dr. Anupam Kumar Anveshi	MD Microbiology
Dr. Soahum Bagchi	MD Dermatology	Dr. Neelangi Mishra	MD Microbiology
Dr. Kanoje Priyanka Kamlesh	MD Dermatology	Dr. Neha Dubey	MD Microbiology
Dr. Prateek Sharma	MD Dermatology	Dr. Aarti Rathore	MD Paediatrics
Dr. Deepankar	MD Medicine	Dr. Apoorva T. Raju	MD Paediatrics
Dr. Satinder Deswal	MD Medicine	Dr. Krishan Kumar	MD Paediatrics
Dr. Ved Prakash Sagar (2015)	MD Medicine	Dr. Sanjukta Poddar	MD Paediatrics
Dr. Abhinav Pande	MD Medicine	Dr. Suad Akhtar	MD Paediatrics
Dr. Chandrashekar C	MD Medicine	Dr. Aman Kumar	MD Pathology
Dr. Chiddarwar Sajal Satish	MD Medicine	Dr. Anam Singh	MD Pathology
Dr. Keshav Sachdeva	MD Medicine	Dr. Anjum Nishan	MD Pathology
Dr. Manasa M.G	MD Medicine	Dr. Himani Aneja	MD Pathology

Dr.Indu Yadav	MD Pathology	Dr. Vaishnavi Seshan	MS Obst & Gynae
Dr. Jyoti Singh	MD Pathology	Dr.Manisha Meena	MS Obst & Gynae
Dr. Naveen Kumar R	MD Pathology	Dr.Megha Panwar	MS Obst & Gynae
Dr. Ravi Pratap Singh	MD Pathology	Dr.Pragya Kumari Mishra	MS Obst & Gynae
Dr. Tanisha Singla	MD Pathology	Dr.Saraswati	MS Obst & Gynae
Dr.Kishna Ram	MD Pharmacology	Dr.Shreya Banerjee	MS Obst & Gynae
Dr. Ravinder (2015)	MD Pharmacology	Dr.Varsha Agarwal	MS Obst & Gynae
Dr.Rahul Kumar Bhati	MD Pharmacology	Dr.Ritu Choudhary	MS Obst. & Gynae.
Dr. Mohan Babu S	MD Physiology	Dr.AnwaraMammel	MS Ophthalmology
Dr. Syed Ayesha Nikhat	MD Physiology	Dr.Aastha Gandhi	MS Ophthalmology
Dr. Lal Ratnakar	MD PMR	Dr.Akshayta Sharma	MS Ophthalmology
Dr.Maan Singh	MD PMR	Dr.Amita Yadav	MS Ophthalmology
Dr. Nitish Dhiman	MD PMR	Dr.Ritika Aggarwal	MS Ophthalmology
Dr. Vijender Anand	MD PMR	Dr.SmritiDabas	MS Ophthalmology
Dr. Sunil Kumar Singh	MD PSM / Com. Medicine	Dr. Abhishek Tiwari	MS Orthopaedics
Dr.Aseem	MD PSM / Com. Medicine	Dr. Ankit Dhaka	MS Orthopaedics
Dr. Vandana Pandit	MD PSM / Com. Medicine	Dr. Hari Prasath T	MS Orthopaedics
Dr. Anirudh Saxena	MD PSM /Com.Medicine	Dr.Laxmish R	MS Orthopaedics
Dr. Aravind Gandhi P	MD PSM / Com.Medicine	Dr. Manish Raj	MS Orthopaedics
Dr. Nitesh Chauhan	MD PSM / Com.Medicine	Dr.Md.AsadAkram	MS Orthopaedics
Dr.Suruchi Mishra	MD PSM/Com. Medicine	Dr. Nitish Kumar	MS Orthopaedics
Dr. Kavirajan. K	MD Radio-Diagnosis	Dr. Pankaj Kumar	MS Orthopaedics
Dr. Madhuvendra		Dr. Piyush Joshi	MS Orthopaedics
Singh Narwaria	MD Radio-Diagnosis	Dr.Ratish Kumar Mishra	MS Orthopaedics
Dr.Nisha Rath	MD Radio-Diagnosis	Dr. Shashank Singh	MS Orthopaedics
Dr.Rajkumar Meena	MD Radio-Diagnosis	Dr. Siddharth Gupta	MS Orthopaedics
Dr.Shaktiprada Nayak	MD Radio-Diagnosis	Dr.A.Satish Kumar	MS Surgery
Dr.Shishir Kumar Pansari	MD Radio-Diagnosis	Dr. Aditya Ranot	MS Surgery
Dr. YemikaDhayal	MD Radio-Diagnosis	Dr. Anmol Thakur	MS Surgery
Dr. Anil Yadav	MD Sports Medicine	Dr. Arun Poudel Chhetri	MS Surgery
Dr. Bhim Singh	MD Sports Medicine	Dr. Arvind Kumar Koslia	MS Surgery
Dr. Rafat Kamal	MD Sports Medicine	Dr. Chandrashekhar Singh	MS Surgery
Dr. Shikha Dhaundiyal	MD Sports Medicine	Dr. Ishwar Chand Mehar	MS Surgery
Dr. Neha Xalxo	MS Anatomy	Dr. Kashi Nath Singh	MS Surgery
Dr, UtpalSarmah	MS ENT	Dr. Praveen M.S	MS Surgery
Dr.Aakriti Chandra	MS ENT	Dr.Sandhya.P.A	MS Surgery
Dr.Anukaran Mahajan	MS ENT	Dr.Sumit Kumar Prasad	MS Surgery
Dr. Kirti Khandelwal	MS ENT	Dr.Varun.M.	MS Surgery
Dr.Sainulabid A	MS ENT		
Dr. Sunita Singh	MS ENT		
Dr.Mily Pandey	MS Obst& Gynae		
Dr. Ranjana	MS Obst & Gynae		
Dr. Ruchi Gurbani (2017)	MS Obst& Gynae		
Dr.Saloni Singla (2015)	MS Obst& Gynae		
Dr.Supriya Gupta	MS Obst& Gynae		

DM/MCH students passed in 2019

Dr. Ankesh Kumar	DM Cardiology	Dr. Deepak Rathore	M.Ch. Plastic Surgery
Dr. Ankit Singh	DM Cardiology	Dr. Jayanta Lenka	M.Ch. Plastic Surgery
Dr. Debasis Behera	DM PCCM	Dr. Kamlesh Kumar	M.Ch. Plastic Surgery
Dr. Nitesh Gupta	DM PCCM	Dr. Kanika Singla	M.Ch. Plastic Surgery
Dr. Pankaj Kumar Gupta	DM PCCM	Dr. Lukesh Patil	M.Ch. Plastic Surgery
Dr. Viswesvaran B.	DM PCCM	Dr. Rahul M.	M.Ch. Plastic Surgery
Dr. Amit Kumar Agarwal	M.Ch. CTVS	Dr. Suvashis Dash	M.Ch. Plastic Surgery
Dr. Sunil Dhar	M.Ch. CTVS	Dr. Joyce R Jesudass	M.Ch. Plastic Surgery
Dr. Anmol Chugh	M.Ch. Plastic Surgery		
Dr. Bhojani J Amrutlal	M.Ch. Plastic Surgery		

MD/MS STUDENTS PASSED IN 2020

Dr. Akanksha Gupta	MD Anaesthesia	Dr. Parul Tripathi	MD Anaesthesia
Dr. Astha Kumari	MD Anaesthesia	Dr. Pooja Singh	MD Anaesthesia
Dr. Akash Kumar Tripathi	MD Anaesthesia	Dr. Prachi Abhyankar	MD Anaesthesia
Dr. Akshatha V. Rai	MD Anaesthesia	Dr. Pradeep Singh	MD Anaesthesia
Dr. Anjali Kardam	MD Anaesthesia	Dr. Pragya Gupta	MD Anaesthesia
Dr. Anuradha Singh	MD Anaesthesia	Dr. Pramod Kumar Singh	MD Anaesthesia
Dr. Aroma Raghav	MD Anaesthesia	Dr. Prateek Acharya	MD Anaesthesia
Dr. B. Pallavi	MD Anaesthesia	Dr. Preeti Raj Arya	MD Anaesthesia
Dr. Brinda Valecha	MD Anaesthesia	Dr. Priyanka Gupta	MD Anaesthesia
Dr. Chandrika Priyadarshini	MD Anaesthesia	Dr. Priyanka	MD Anaesthesia
Dr. Dinesh Kumar R	MD Anaesthesia	Dr. Rahul Kalshan	MD Anaesthesia
Dr. Dishank Rawat	MD Anaesthesia	Dr. Reena	MD Anaesthesia
Dr. Durgesh Rai	MD Anaesthesia	Dr. Rohini Dubey	MD Anaesthesia
Dr. Gautham Srinivasan	MD Anaesthesia	Dr. Sachin Goel	MD Anaesthesia
Dr. Gayathri S R	MD Anaesthesia	Dr. Sandeep Singh	MD Anaesthesia
Dr. Hemani Bhandari	MD Anaesthesia	Dr. Saravanan. M	MD Anaesthesia
Dr. Jitendra Singh Shekhawat	MD Anaesthesia	Dr. Sauhadra B Karki	MD Anaesthesia
Dr. Josli Marsha D Souza	MD Anaesthesia	Dr. Shivanand Mishra	MD Anaesthesia
Dr. Jyoti Verma	MD Anaesthesia	Dr. Shruthi M	MD Anaesthesia
Dr. Karishma Batra	MD Anaesthesia	Dr. Suman Tiwari	MD Anaesthesia
Dr. Keshabanand Mishra	MD Anaesthesia	Dr. Surabhi Sandill	MD Anaesthesia
Dr. Khushboo Saini	MD Anaesthesia	Dr. Swati Bansal	MD Anaesthesia
Dr. Kulbhushan	MD Anaesthesia	Dr. Vinay Kumar Maurya	MD Anaesthesia
Dr. Manik Seth	MD Anaesthesia	Dr. Vivek Chandar C	MD Anaesthesia
Dr. Meenu Yadav	MD Anaesthesia	Dr. Alka Ramteke	MD Biochemistry
Dr. Mhonchumi R Khuvung	MD Anaesthesia	Dr. PeyirBagra	MD Biochemistry
Dr. Mohit Gupta	MD Anaesthesia	Dr. Gurminder Singh Arora	MD Dermatology
Dr. Mounisha E	MD Anaesthesia	Dr. Mohammed Anas P	MD Dermatology
Dr. Mukesh Kumar	MD Anaesthesia	Dr. Surabhi Sharma	MD Dermatology
Dr. Nikita Choudhary	MD Anaesthesia	Dr. Vipul Pareek	MD Dermatology

Dr. Debapriyo Saha	MS ENT	Dr. Shalini S P	MS Obst. & Gynae.
Dr. Firoz Ahmed	MS ENT	Dr. Shikha Bharti	MS Obst. & Gynae.
Dr. Ridhima Kaul	MS ENT	Dr. Shubham Bidhuri	MS Obst. & Gynae.
Dr. Sabari Rajan P	MS ENT	Dr. Sonu Yadav	MS Obst. & Gynae.
Dr. Tripathi A Narendranath	MS ENT	Dr. Srividya T	MS Obst. & Gynae.
Dr. Abhilasha Soni	MD Gen Medicine	Dr. Suchandana Dasgupta	MS Obst. & Gynae.
Dr. Anirban Palit	MD Gen Medicine	Dr. Sukanya Roy	MS Obst. & Gynae.
Dr. Ankush Rana	MD Gen Medicine	Dr. Suvrata Garg	MS Obst. & Gynae.
Dr. Ashish Kumar Singh	MD Gen Medicine	Dr. Cheema Aakash Vinod	MS Ophthalmology
Dr. Deepak Kumar	MD Gen Medicine	Dr. Jyoti Sheoran	MS Ophthalmology
Dr. Deepak K Suman	MD Gen Medicine	Dr. Kudrat Jyoti	MS Ophthalmology
Dr. Jyoti Verma	MD Gen Medicine	Dr. Mrityunjay Singh	MS Ophthalmology
Dr. Kshitij Bansal	MD Gen Medicine	Dr. Sukriti Gupta	MS Ophthalmology
Dr. Manjeet Kumar Goyal	MD Gen Medicine	Dr. Teisovi	MS Ophthalmology
Dr. MohdJaved	MD Gen Medicine	Dr. Gyanendra Puri	MS Orthopaedics
Dr. Pradeep S	MD Gen Medicine	Dr. Malay	MS Orthopaedics
Dr. Preeti	MD Gen Medicine	Dr. Mayukh Guha	MS Orthopaedics
Dr. Prema Sinha	MD Gen Medicine	Dr. Md Tosaddeque Hussain	MS Orthopaedics
Dr. Priyadarshi Kumar	MD Gen Medicine	Dr. Niventhiran. K	MS Orthopaedics
Dr. Rahul Kumar	MD Gen Medicine	Dr. Rajat Kumar Yadav	MS Orthopaedics
Dr. Rajat Gupta	MD Gen Medicine	Dr. Rohit Sherawat	MS Orthopaedics
Dr. Siddharth Sharma	MD Gen Medicine	Dr. Saddam Hussain M	MS Orthopaedics
Dr. Sutanay Bhattacharyya	MD Gen Medicine	Dr. Surya Vijay Singh	MS Orthopaedics
Dr. Uttayan Chakrabarti	MD Gen Medicine	Dr. Gurpreet Singh	MD PMR
Dr. VanishaPundir	MD Gen Medicine	Dr. Sushil Kumar	MD PMR
Dr. Vijay Kumar Sharma	MD Gen Medicine	Dr. Pallavi Mishra	MD Pathology
Dr. Lekshmi Priya M (2016)	MS Obst. & Gynae.	Dr. Ritu Raj	MD Pathology
Dr. Akanksha Dwivedi	MS Obst. & Gynae.	Dr. Sumanta Das	MD Pathology
Dr. Amrita Rathee	MS Obst. & Gynae.	Dr. Sushanta Chakma	MD Pathology
Dr. Ankita	MS Obst. & Gynae.	Dr. Aditi Tiwari	MD Paediatrics
Dr. Anugeet Sethi	MS Obst. & Gynae.	Dr. Anirban Sen	MD Paediatrics
Dr. Archana Kumari	MS Obst. & Gynae.	Dr. Chirag Saluja	MD Paediatrics
Dr. Asmita Saran	MS Obst. & Gynae.	Dr. Eesha	MD Paediatrics
Dr. Chhavi Gupta	MS Obst. & Gynae.	Dr. Garima Pathania	MD Paediatrics
Dr. Deepti Pachauri	MS Obst. & Gynae.	Dr. Renu Kumari	MD Paediatrics
Dr. Harshitha K	MS Obst. & Gynae.	Dr. Richa Singh Rajawat	MD Paediatrics
Dr. InloMiuli	MS Obst. & Gynae.	Dr. Rishi Kathuria	MD Paediatrics
Dr. Khergade Monali Vidyadharj	MS Obst. & Gynae.	Dr. Samannay Das	MD Paediatrics
Dr. Khushboo Malhotra	MS Obst. & Gynae.	Dr. Sneha Pushp	MD Paediatrics
Dr. Manisha Verma	MS Obst. & Gynae.	Dr. Himanshu Agrawal	MD Pharmacology
Dr. Megha Gupta	MS Obst. & Gynae.	Dr. Ram Awtar Manda	MD Pharmacology
Dr. Mohini Sachdeva	MS Obst. & Gynae.	Dr. Abhiman Baloji	MD Radiodiagnosis
Dr. Nandhini R	MS Obst. & Gynae.	Dr. Akshyaya Kumar Nag	MD Radiodiagnosis
Dr. Priti Kumari	MS Obst. & Gynae.	Dr. Anuj Aggarwal	MD Radiodiagnosis
Dr. Saima	MS Obst. & Gynae.	Dr. Apurva Surana	MD Radiodiagnosis

Dr.Arka Bhattacharya	MD Radiodiagnosis	Dr. Manjunatha Sankal	MS Gen Surgery
Dr. Ashish Bansal	MD Radiodiagnosis	Dr.Mohd Junaid Ansar	MS Gen Surgery
Dr.Ayush Khandelwal	MD Radiodiagnosis	Dr. Naveen Kumar Kushwaha	MS Gen Surgery
Dr. Borkar Arpankumar D	MD Radiodiagnosis	Dr.Navnik Singh Bhardwaj	MS Gen Surgery
Dr. Juhi Agrawal	MD Radiodiagnosis	Dr. Nikhil Prasad	MS Gen Surgery
Dr. Kajuraj A	MD Radiodiagnosis	Dr. Oscar Jordan S. Sangma	MS Gen Surgery
Dr. Maninder Kaur	MD Radiodiagnosis	Dr. Ranjith Kumar M	MS Gen Surgery
Dr. Mohd Altamash	MD Radiodiagnosis	Dr. Sajith K. Mohan	MS Gen Surgery
Dr. Prateek Kumar Madaan	MD Radiodiagnosis	Dr. Sanjana Kumar	MS Gen Surgery
Dr. Pratibha Choudhary	MD Radiodiagnosis	Dr. Shikha Goja	MS Gen Surgery
Dr. Rajat Khurana	MD Radiodiagnosis	Dr.Shivam	MS Gen Surgery
Dr. Sharath Kumar Shrinivas P	MD Radiodiagnosis	Dr. Suraj Gopal	MS Gen Surgery
Dr. Shis Mohammad Pail	MD Radiodiagnosis	Dr. Ramkumar S	MD Physiology
Dr. Shubham	MD Radiodiagnosis	Dr.SanghamitraPattnaik	MD Physiology
Dr. Vinay H.C	MD Radiodiagnosis	Dr. Waqas Alauddin	MD Physiology
Dr. Sujit Kumar Shukla	MD Radiotherapy	Dr. Aditya Sood	MD Sports Med
Dr. Apamavi P	MD Comm. Med		
Dr. Preeti Doley	MD Comm. Med		
Dr. Akhilesh Humnekar	MS Gen Surgery		
Dr. Akshay Narayan	MS Gen Surgery		
Dr. Anderson Syiemiong	MS Gen Surgery		
Dr. Arush Pasricha	MS Gen Surgery		
Dr. Chethan. M	MS Gen Surgery		
Dr. Goutam K.C	MS Gen Surgery		

MD/MS STUDENTS PASSED IN SUPPLEMENTARY EXAMS, 2020

Dr. Abhishesh Kumar Rai	MD Anaesthesia	Dr. Shabnam	MS Obst. & Gynae.
Dr. Ananda Ngangom	MD Anaesthesia	Dr. Arun Kumar	MS Orthopaedics
Dr. Anand Kumar Singh	MD Anaesthesia	Dr. Avinash Jaiswal	MS Orthopaedics
Dr. Akshay R	MD Anaesthesia	Dr. Kaushlendra Kumar	MS Orthopaedics
Dr. Darvish Hussain	MD Anaesthesia	Dr. Sumit Rana	MS Orthopaedics
Dr. Mohd Adil Mustajab	MD Anaesthesia	Dr. V Vipin	MS Orthopaedics
Dr. Nishant Mishra	MD Anaesthesia	Dr. Vinay Kumar	MS Orthopaedics
Dr. Tanmay Katial	MD Anaesthesia	Dr. Aakanksha Chhabra	MD Paediatrics
Dr. Vinod Singh Kushwaha	MD Anaesthesia	Dr. Rekha	MD Radiodiagnosis
Dr. Vivekananda Raja Rajan.T	MD Anaesthesia	Dr.Weto Lomi	MD Radiodiagnosis
Dr. Ashok Kumar	MD Comm.Med		
Dr. Nandhini P	MD Dermatology		
Dr. Jitendra Kumar	MD Gen Medicine		
Dr. Manoj Kumar	MD Gen Medicine		
Dr. Ranita Bhattacharya	MD Gen Medicine		
Dr. Abhishek Mittal	MS Gen Surgery		
Dr. Birbal Kumar	MS Gen Surgery		
Dr. Hemant Kumar	MS Gen Surgery		
Dr. Anamika Bharti	MS Obst. & Gynae.		
Dr. Priyanka Rani	MS Obst. & Gynae.		

DM/M.CH STUDENTS PASSED IN 2020

Dr. Anoop S	M.Ch. Plastic Surgery
Dr. Archana Sinha	M.Ch. Plastic Surgery
Dr. Krishna K Singh	M.Ch. Plastic Surgery
Dr. Prateek Thakur	M.Ch. Plastic Surgery
Dr. Rohit S	M.Ch. Plastic Surgery
Dr. Sharma Ankit S	M.Ch. Plastic Surgery
Dr. Vamseedharan M	M.Ch. Plastic Surgery
Dr. Ridima Sachdeva	M.Ch. Plastic Surgery
Dr. Kunwar S Saurabh	M.Ch. CTVS

Dr.Sistla VPL Chandrakumar	M.Ch. CTVS
Dr. Kumar Saurav	M.Ch Urology
Dr. Vijay Kumar Tyagi	M.Ch Urology
Dr. Vishnu Prasad	M.Ch Urology
Dr. Y M Prashanth	M.Ch Urology
Dr.MengarManasRajendra	DM PCCM
Dr. Ravi Chandak	DM PCCM
Dr. Richa Mittal	DM PCCM
Dr.SrikarDarisetty	DM PCCM
Dr. Gaurav Kumar Arora	DM Cardiology
Dr.Jeetesh Jain	DM Cardiology

LIST OF MD/MS STUDENTS PASSED IN 2021

Dr. Aadhar Khutell	MD Anaesthesia
Dr.Abiral Nidhi	MD Anaesthesia
Dr. Aditya Mehrotra	MD Anaesthesia
Dr. Anand Pamnani	MD Anaesthesia
Dr. Anand Prakash	MD Anaesthesia
Dr. Anjani Kumar	MD Anaesthesia
Dr. Anuj Yadav	MD Anaesthesia
Dr. Apoorva Singh	MD Anaesthesia
Dr.Aravali Luna	MD Anaesthesia
Dr. Ashish Chaudhary	MD Anaesthesia
Dr.BerilLawrance	MD Anaesthesia
Dr. Bhoomi Upreti	MD Anaesthesia
Dr. Deepak Sharma	MD Anaesthesia
Dr. Dhruv Kumar	MD Anaesthesia
Dr. Gaurav Pratap Singh	MD Anaesthesia
Dr. G Vineesha	MD Anaesthesia
Dr. Girish V	MD Anaesthesia
Dr.Gurumurthy S	MD Anaesthesia
Dr. Gowri Vishalakshi S M	MD Anaesthesia
Dr. Kapil Kumar Dixit	MD Anaesthesia
Dr. Kavita Sharma	MD Anaesthesia
Dr. Keerthi Jain V	MD Anaesthesia
Dr. Krishnakumar Ankali	MD Anaesthesia
Dr. M P Rajkumar	MD Anaesthesia
Dr. Manoj Kumar S K	MD Anaesthesia
Dr.Mansha Madan	MD Anaesthesia
Dr.Mariappan Junior M	MD Anaesthesia
Dr. Mohammad Shoaib	MD Anaesthesia
Dr.Monu Chaudhary	MD Anaesthesia
Dr.Naba Mallika Taye	MD Anaesthesia
Dr.Nagapati C Hegde	MD Anaesthesia
Dr. Nidhi Singh	MD Anaesthesia

Dr. Pooja Singh	MD Anaesthesia
Dr. Prashant Baghel	MD Anaesthesia
Dr. Rakesh Kumar	MD Anaesthesia
Dr. Sandeep Kaur	MD Anaesthesia
Dr. Sandeep Kumar	MD Anaesthesia
Dr. Shailly Kumar	MD Anaesthesia
Dr. Shivam	MD Anaesthesia
Dr. Shivani Gautam	MD Anaesthesia
Dr. Simmi	MD Anaesthesia
Dr. Smriti	MD Anaesthesia
Dr. Soabir Ali CV	MD Anaesthesia
Dr. Swapna Ravi	MD Anaesthesia
Dr. Tarvi Grover	MD Anaesthesia
Dr. TatongtemsuLongchar	MD Anaesthesia
Dr. Tavishi Bansal	MD Anaesthesia
Dr. Urvashi Patel	MD Anaesthesia
Dr. Vaishali S	MD Anaesthesia
Dr. Vishwanath Pratap Singh	MD Anaesthesia
Dr. Joseph George Tharion	MD Anaesthesia
Dr. Choudhari Omkar K	MD Biochemistry
Dr. Rohit Kumar	MD Biochemistry
Dr. Charvi Chanana	MD Dermatology
Dr. Geetika Chhabra	MD Dermatology
Dr. Ishika	MD Dermatology
Dr. Molisha Bhandari	MD Dermatology
Dr. Ruchika Singh	MD Dermatology
Dr. Ashish Tomar	MS ENT
Dr. Chirayata Basu	MS ENT
Dr. Karthika Nathan	MS ENT
Dr. Nazim Khan	MS ENT
Dr. Sneha S N	MS ENT
Dr. Aditya Srivastava	MD Gen Medicine
Dr. Ankit S Kushwah	MD Gen Medicine
Dr. Ashok Kumawat	MD Gen Medicine
Dr. Atul Mann	MD Gen Medicine
Dr. Bodhisattya Roy Chaudhuri	MD Gen Medicine
Dr. Himanshu Dhiman	MD Gen Medicine
Dr. Hiren Manohar Kalyani	MD Gen Medicine
Dr. Joban Preet Singh Deol	MD Gen Medicine
Dr. Jugnu Kant	MD Gen Medicine
Dr. M Kishan	MD Gen Medicine
Dr. Manish Kumar Verma	MD Gen Medicine
Dr. Mayank Chawla	MD Gen Medicine
Dr. Mithu Bhowmick	MD Gen Medicine
Dr. P. Sanjay Chakravarthy	MD Gen Medicine

Dr. Patel Pranav Hiteshbhai	MD Gen Medicine	Dr. Lakshman	MS Orthopaedics
Dr. Praveen Kumar Kaushal	MD Gen Medicine	Dr. Mani Kant Sinha	MS Orthopaedics
Dr. Priyanka Kumari	MD Gen Medicine	Dr. Mohit Kumar Patel	MS Orthopaedics
Dr. Pushan Banerjee	MD Gen Medicine	Dr. Narottam Das M K	MS Orthopaedics
Dr. Rapaka Lakshmi Keerthi	MD Gen Medicine	Dr. Pritam Samanta	MS Orthopaedics
Dr. Sandeep	MD Gen Medicine	Dr. Ravi Kumar Amrit	MS Orthopaedics
Dr. Shreya Jain	MD Gen Medicine	Dr. Sarang Agarwal	MS Orthopaedics
Dr. Shubham Tomar	MD Gen Medicine	Dr. Saurabh Gadi	MS Orthopaedics
Dr. Sohini Chakraborty	MD Gen Medicine	Dr. Simarjot Singh Sodhi	MS Orthopaedics
Dr. Vinoth Kumar	MD Gen Medicine	Dr. Soumyadip Sen	MS Orthopaedics
Dr. Akanksha Mohanty	MS Obst. & Gynae.	Dr. Suraj Singh	MS Orthopaedics
Dr. Alka	MS Obst. & Gynae.	Dr. Annie Mathew	MD PMR
Dr. Ankita Kumari	MS Obst. & Gynae.	Dr. Deepak Raj	MD PMR
Dr. Ankur Rani	MS Obst. & Gynae.	Dr. Deepthi S Johnson	MD PMR
Dr. Anshika Agarwal	MS Obst. & Gynae.	Dr. MunimTomar	MD PMR
Dr. Ashu Bhardwaj	MS Obst. & Gynae.	Dr. DivitaSaxsena	MD Pathology
Dr. Deepanjali Singh	MS Obst. & Gynae.	Dr. Divya Sethi	MD Pathology
Dr. Dimple Makhijani	MS Obst. & Gynae.	Dr. Juhi Shahab	MD Pathology
Dr. KongeOshal Sunil	MS Obst. & Gynae.	Dr. Monica	MD Pathology
Dr. Nahid Farooqui	MS Obst. & Gynae.	Dr. Neeti Nagar	MD Pathology
Dr. Neha	MS Obst. & Gynae.	Dr. Pallavi Punhani	MD Pathology
Dr. Nidhi Ahuja	MS Obst. & Gynae.	Dr. Ritu Bhat	MD Pathology
Dr. Priyanka Pangtey	MS Obst. & Gynae.	Dr. Tanmay Patel	MD Pathology
Dr. Priyanka Rathor	MS Obst. & Gynae.	Dr. Aarti	MD Paediatrics
Dr. Rajeswari	MS Obst. & Gynae.	Dr. Aditya Soni	MD Paediatrics
Dr. Sabeena	MS Obst. & Gynae.	Dr. Anju Yadav	MD Paediatrics
Dr. Seema Meena	MS Obst. & Gynae.	Dr. Aparajita Raghav	MD Paediatrics
Dr. Shivangi	MS Obst. & Gynae.	Dr. Arun Kumar Meena	MD Paediatrics
Dr. Shivangi Sharma	MS Obst. & Gynae.	Dr. Chetan Singh	MD Paediatrics
Dr. Shivani Verma	MS Obst. & Gynae.	Dr. Deepali Malviya	MD Paediatrics
Dr. Shruti Tanwar	MS Obst. & Gynae.	Dr. Gaurav Singh	MD Paediatrics
Dr. Shweta Singh	MS Obst. & Gynae.	Dr. Neha Goel	MD Paediatrics
Dr. Sonam Yadav	MS Obst. & Gynae.	Dr. Nikita Jakhar	MD Paediatrics
Dr. Sugandha Bansal	MS Obst. & Gynae.	Dr. Palak Khera	MD Paediatrics
Dr. Tahmeena Khatoon	MS Obst. & Gynae.	Dr. Penugonda Sudheer Kumar	MD Paediatrics
Dr. Dharmendra Singh	MS Ophthalmology	Dr. Pradeep Kumar Ratre	MD Paediatrics
Dr. Gayathripriya K	MS Ophthalmology	Dr. Rajesh Kumar Sethi	MD Paediatrics
Dr. Nyai Ete	MS Ophthalmology	Dr. Rashmi Dandriyal	MD Paediatrics
Dr. Shashwat Shekhar	MS Ophthalmology	Dr. Sneha Mishra	MD Paediatrics
Dr. Shruti Revankar	MS Ophthalmology	Dr. Manu Siddharth	MD Paediatrics
Dr. Swati Tyagi	MS Ophthalmology	Dr. Nausheen Siddiqui	MD Paediatrics
Dr. Akshya Raj A	MS Orthopaedics	Dr. Kamal Kant	MD Paediatrics
Dr. Ankesh Jain	MS Orthopaedics	Dr. Florence Bhava	MD Pharmacology
Dr. Ekjot Singh Arora	MS Orthopaedics	Dr. Mukesh Kumar	MD Pharmacology
Dr. Karan Maggo	MS Orthopaedics	Dr. Nichwa Leuwenhoek S N	MD Pharmacology

Dr. Aayushi Mishra	MD Radiodiagnosis
Dr. Abhilasha	MD Radiodiagnosis
Dr. Anant Sharma	MD Radiodiagnosis
Dr. Chiraag Mandal	MD Radiodiagnosis
Dr. Dinesh Singh Kushwaha	MD Radiodiagnosis
Dr. Gurnoor Kaur Ghuman	MD Radiodiagnosis
Dr. Harshith Y R	MD Radiodiagnosis
Dr. Kanchan	MD Radiodiagnosis
Dr. Komal Sood	MD Radiodiagnosis
Dr. Lakshay Diva	MD Radiodiagnosis
Dr. Lovish Garg	MD Radiodiagnosis
Dr. Sanket Dash	MD Radiodiagnosis
Dr. Savyasachi Jain	MD Radiodiagnosis
Dr. Sayantan Patra	MD Radiodiagnosis
Dr. Vinesh Kumar	MD Radiodiagnosis
Dr. Yash Pal	MD Radiodiagnosis
Dr. Hemendra	MD Radiotherapy
Dr. Manasi Panda	MD Comm.Med
Dr.Mogan K A	MD Comm.Med
Dr. Nidhi Singh	MD Comm.Med
Dr. Anirban Das	MS Gen Surgery
Dr.Avneet Kaur	MS Gen Surgery
Dr.Boda Ravi Kiran	MS Gen Surgery
Dr.ChebroluHethu	MS Gen Surgery
Dr. Dimple Gupta	MS Gen Surgery
Dr.Mallarapu Abhinav	MS Gen Surgery
Dr.MandalapuHimaja	MS Gen Surgery
Dr.Monish Raj M	MS Gen Surgery
Dr. Nilesh Taneja	MS Gen Surgery
Dr. Pooja Sewalia	MS Gen Surgery
Dr. Radhika Thakur	MS Gen Surgery
Dr. Rohit Chaudhary	MS Gen Surgery
Dr.Sajal Gupta	MS Gen Surgery
Dr.Shivam Sharma	MS Gen Surgery
Dr.Snigdha Kamini	MS Gen Surgery
Dr. Vignesh M	MS Gen Surgery
Dr. Vinayak Varma	MS Gen Surgery
Dr. Dilip Kumar	MD Physiology
Dr. Prakher Dagar	MD Sports Med
Dr. Praveen R	MD Sports Med
Dr. Shubham Ahuja	MD Sports Med
Dr. Tridib Kanti Datta	MD Sports Med
Dr. Ashutosh Kumar Chaubey	MD Psychiatry
Dr. Kapil Bansal	MD Psychiatry
Dr. PrakamyaSingal	MD Psychiatry

Dr. Ramesh Kumar	MD Psychiatry
Dr. Rupam Dhiman	MD Psychiatry
Dr. Krishna	MD Anatomy
Dr. Mohan Ram K	MD Anatomy
Dr. Bonnie Joe Thomas	MD Microbiology
Dr. Priyanka Jangra	MD Microbiology
Dr. Tanushree Gahlot	MD Microbiology

LIST OF MD/MS STUDENTS PASSED IN SUPPLEMENTARY, 2021

Dr. Rajeev Kumar	MD Anaesthesia
Dr. Sandeep Singh Rathore	MD Anaesthesia
Dr. Nishant Srivastava	MD Anaesthesia
Dr. Sandhya Devi	MS Obst. & Gynae.
Dr. Shivani	MS Obst. & Gynae.
Dr. AbhilashaSoni	MD Pathology
Dr. Neha Singh	MD Pathology
Dr. Vijay Pratap Khatana (2017)	MD Paediatrics
Dr. Manisha Joliya	MS Obst. & Gynae.

LIST OF DM/MCh STUDENTS PASSED IN 2021

Dr. Rahul Kumar	DM Cardiology
Dr. Tushar Agarwal	DM Cardiology
Dr. Madhur Kumar	MCh CTVS
Dr. Sartaj Ahmad Guroo	MChCTVS
Dr. Ananya Sen Gupta	DM Neurology
Dr. Cankatika Choudhary	DM Neurology
Dr. Khusboo Gyanchandani	DM Neurology
Dr. Frankie Shadap Siangshai	MCh Neuro Surgery
Dr. Anjana Sreedharan	MCh Paed Surgery
Dr. Saurav	MCh Paed Surgery
Dr. Ahmad Faraz Danish	MCh Plastic Surg
Dr. Ananda Murthy K T	MCh Plastic Surg
Dr. Dharini	MCh Plastic Surg
Dr.Kshiteej Dhull	MCh Plastic Surg
Dr.Mula Rohit Babu	MCh Plastic Surg
Dr. Nupur Aggarwal	MCh Plastic Surg
Dr. Praveen K Arumugam	MCh Plastic Surg
Dr. Sneha Sharma	MCh Plastic Surg
Dr. Srushti Sheth	MCh Plastic Surg
Dr. Ambarish Joshi	DM PCCM
Dr. JuvvaKishan Srikanth	DM PCCM
Dr. Mahendran A J	DM PCCM
Dr. Shamil P.K.	DM PCCM
Dr. Amitabh Kumar	MCh Urology

Dr. Patel Samarth Rashmikan	MCh Urology
Dr. Prashant Yadav	MCh Urology
Dr. Sumedhankar Sagar	MCh Urology
Dr. Vijay Singh	MCh Urology

LIST OF DM/MCh STUDENTS PASSED IN SUPPLE EXAM, 2021

Dr. Aditya Narasimhan	MCh Plastic Surg
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MBBS BATCH 2014



MBBS BATCH 2015



MBBS BATCH 2016







Financials of the Year 2021-22

SUMMARY OF EXPENDITURE STATEMENT IN R/O SAFDARJUNG HOSPITAL, VMMC & SJH (RECONCILED)

Component with Head	B.E. 2021-22	R.E. 2021-22	EXPR.	% w.r.t. F.E. 2021-22	BALANCE BUDGET	Remarks
CAPITAL	4210SJH* MOTOR VEHICLE	0.14	0.14	0.11	78.57	0.03
CAPITAL	4210SJH* MACH & EQUIP	30.00	30.00	30.00	100.00	0.00
CAPITAL	4210SJH* MAJOR WORKS	77.00	77.00	49.36	64.10	27.64
CAPITAL	4216 HOUSING	3.00	3.00	2.14	71.33	0.86
REVENUE	2210 SJH	1413.17	1415.96	1336.52	94.41	79.14
REVENUE	2210 (VMMC)	22.47	19.68	19.37	98.42	0.31
	G.TOTAL	1545.78	1545.78	1437.50	93.01	107.98

SIC

Rs. In Crores.

Component with Head	B.E. 2021-22	R.E. 2021-22	EXPR.	% w.r.t. R.E. 2021-22	BALANCE BUDGET	Remarks
REVENUE	5009(SIC)	15.70	10.58	10.41	98.39	0.17

