



- School of Engineering & Technology
- School of Business Studies
- School of Dental Sciences
- School of Medical Sciences & Research
- School of Allied Health Sciences
- School of Creative Art, Design & Media Studies
- School of Law
- School of Basic Sciences & Research
- School of Architecture & Planning
- School of Humanities & Social Sciences
- School of Nursing Science & Research
- School of Education
- School of Pharmacy
- Sharda Hospital

**SHARDA UNIVERSITY CAMPUS**

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## SCHOOL OF MEDICAL SCIENCES & RESEARCH



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Sharda offers  
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**heal** mankind with new-age medicines

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ON THE  
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# SHARDA UNIVERSITY

*Experience the joy of being a part of  
India's truly global university*

## 13 MULTI-DISCIPLINARY SCHOOLS

Schools of Engineering, Management, Law, Architecture, Medical, Dental, Nursing, Pharmacy, Allied Health, Basic Sciences, Media, Art & Design, Education and Humanities & Social Sciences.

## 1,200+ FACULTY WITH GLOBAL EXPERIENCE

Students learn from distinguished faculty with experience of working in leading universities of USA, UK, Greece, Singapore, Japan, Russian Federation & India among others.

## MULTIPLE AVENUES FOR RESEARCH

Students do live projects in collaboration with top institutions like DRDO, MSME, DST, DBT, INSA and USAID.

## OPPORTUNITY TO LAUNCH STARTUPS

Upto Rs. 40 lac in scholarship is offered for Student StartUps through various programmes like Next StartUp, Syncubator and Xcelerator.

## 37,500+ PLACEMENTS OVER THE YEARS

Sharda students are working for MNCs & leading corporates like Tech Mahindra, Microsoft, Cadence, TCS, Cognizant, Amazon, HCL, Dell, Wipro among others.

Sharda University has over the years become one of the leading centres of education, research and innovation in Delhi NCR region. Established through an act of State Legislature of Uttar Pradesh (14 of 2009), Sharda University offers over 216 UGC recognised degrees in various disciplines. It's a part of the renowned Sharda Group with operations in areas like Education, Healthcare and IT.

Being the only global university in India with students from 80+ countries, and academic partnerships with 180+ Universities across the world-USA, UK, Italy, Canada, Russia, Slovenia, et al, the University offers a truly international learning environment. That's why it says, "The World is Here, Where are You?"





# Discover why leading hospitals like AIIMS, FORTIS, APOLLO MAX & MEDANTA prefer to select Sharda Students

RECOGNISED  
by **MEDICAL**  
Council of India

FUTURE FOCUSED  
learning in  
**MEDICAL SCIENCE**

**LATEST**  
DIAGNOSTIC  
FACILITIES

INTERACTION  
With Top Doctors

On-campus  
900+ bedded  
SUPER-SPECIALITY  
**HOSPITAL**

Faculty from  
**AIIMS, IGI,**  
**UCMS, BHU**  
among others



## MEDICAL EDUCATION AT PAR WITH THE VERY BEST

Established with an aim of developing top doctors, School of Medical Sciences & Research has evolved into one of the leading Schools for medicine in India. From the moment students arrive, they are considered to be the members of the medical community and are challenged to meet the expectations of all.

### KEY FACTS & FIGURES

- » One of the leading Schools of Medical Science in Delhi NCR
- » Well equipped medical labs with focus on making students learn the use of latest equipment
- » Faculty from top hospitals and medical colleges of India
- » Focus on participation in various medical competitions both nationally and internationally
- » Emphasis on 'learning by doing' to put theory into practice
- » Internship opportunities at the 900+ bedded super-speciality Sharda Hospital
- » 11,000+ books, journals, computers with internet access and a seating capacity of 500.





# UNIQUENESS WHICH FUELS AMBITIONS

School of Medical Sciences & Research established in the year 2009 under the aegis of Sharda University, envisions an ambience of excellence, inspiring value-based education, research and development. SMSR is approved for an intake of 150 students in MBBS course by Medical Council of India, Ministry of Health & Family Welfare, Govt. of India. The institute provides comprehensive facilities for teaching, research, diagnostic facilities and patient care. SMSR primarily imparts medical education of the highest standards to its MBBS and Post graduate students and students of related biological sciences.

**1** School of Medical Sciences & Research has been awarded Excellence in medical education by Indian Medical Association

**2** An excellent team of experienced and dedicated faculty drawn from leading academic Institutions such as AIIMS, PG.I, U.C.M.S, B.H.U, KGMC etc.

**3** On-campus 900+ bedded Super specialty hospital equipped with all modern facilities and medical equipment for imparting extensive clinical & practical training to its medical students.

**4** SMSR's teaching programmes ensure that learning is student centric, enriching and relevant to the educational needs of our students who are preparing to lead the medical world.

**5** Air-conditioned central library stocked with more than 11,000 books, journals, computers and a seating capacity of 500 students.

**6** 12 clinical departments - General Medicine, Dermatology & Venereology, Pulmonary Medicine, Psychiatry, General Surgery, Orthopaedics, Radiology, Anaesthesiology, Ophthalmology, Otorhinolaryngology (ENT), Obstetrics & Gynaecology and, Paediatrics



## Recognised by Medical Council of India

The School is recognised for 100+50 admissions in MBBS course and approved for admissions in MD/MS courses of Pre, Para & Clinical subjects by MCI and Ministry of Health and Family Welfare, Govt. of India.



# FACULTY THAT'S TRULY INSPIRING



School of Medical Sciences & Research has distinguished faculty from reputed medical institutes in India. They have vast clinical and teaching experience, and are involved in path-breaking research work. They have published many papers in the national & International index journals. They have also presented scientific papers in the national & international conferences.

*"SMSR boasts of having the best infrastructure available in anyone of the private medical colleges in NCR Delhi. The faculty involved in grooming you to fulfill your dream of becoming good doctors, is an amalgam of very senior Professors drawn from prestigious institutions of our country like AIIMS, P.G.I, U.C.M.S, B.H.U etc and other young teachers drawn from various states of India".*

**Dr. Manisha Jindal**  
Dean-SMSR and Professor of Physiology  
MBBS-King George's Medical University, Lucknow, 1993  
MD-Motilal Nehru Medical College, Allahabad, 1997

## LEADERSHIP IN SMSR & SHARDA HOSPITAL

**Dr. P.L. Kariholu, Professor & Pro-Vice Chancellor (Medical Wing)**  
**MBBS, MS**  
MBBS-Govt. Medical College, Kashmir  
MS(Gen. Surgery)-Govt. Medical College, Kashmir  
Experience: 35+ years



**Dr. Anoop Raj, Professor & Medical Superintendent (Sharda Hospital)**  
**MBBS, MS**  
MBBS: Jiwaji University, Gwalior, M.P  
MS: Indore University, M.P  
Experience: 38 years teaching & clinical experience.

## DEPARTMENT OF ANATOMY

**Dr. Nirupma Gupta, Professor & HoD**  
**MBBS, MS**  
MBBS-Lady Hardinge Medical College, New Delhi  
MS (Anatomy)-Lady Hardinge Medical College, New Delhi  
Experience: 19 years



**Dr. Prajna Paramita Samanta, Professor**  
**MBBS, MS**  
MBBS-VSS Medical College, Burla, Orissa  
MS(Anatomy)-Christian Medical College, Ludhiana, Punjab  
Experience: 9 years

**Dr. Ram Prakash Gupta, Associate Professor**  
**MBBS, D.Orth, MS**  
MBBS-Rajendra Medical College, Ranchi University  
D.Orth-Patna Medical College, Patna University  
MS(Anatomy)-Dharbhanga Medical College, LNMU  
Experience: 8 years



**Dr. Abhilasha Priya, Assistant Professor**  
**MBBS, MD**  
MBBS-SMU, Sikkim  
MD-Kasturba Medical College, Manipal

**Dr. Rachna Rohtagi, Assistant Professor**  
**MBBS, MS**  
MBBS-Lady Hardinge Medical College, New Delhi  
MS (Anatomy)-SMSR  
Experience: 3 years



## DEPARTMENT OF PHYSIOLOGY

**Dr. Bijli Nanda, Professor & HoD**  
**MBBS, MD**  
MBBS-Sambalpur University, VSS Medical College, India  
MD-Berhampur University, MKCG Medical College, India  
Experience: 11 years



**Dr. Manisha Jindal**  
**Dean-SMSR and Professor of Physiology**  
MBBS-King George's Medical University, Lucknow, 1993  
MD-Motilal Nehru Medical College, Allahabad, 1997

**Dr. Vijaya Lakshmi, Assistant Professor**  
**MBBS, MD**  
MBBS - Lady Hardinge Medical College  
MD - University College of Medical Sciences, Delhi  
Experience: 1 year 6 months



**Dr. Shishir Dutt, Assistant Professor**  
**MBBS, MD**  
MBBS - LLRM Medical College, Meerut  
MD - SN Medical College  
Experience: 16 years

**Dr. Swati Mittal, Assistant Professor**  
**MBBS, MD**  
MBBS - ELMC, Lucknow  
MD - School of Medical Sciences & Research



**Dr. Smriti Sinha, Assistant Professor**  
**MBBS, MD**  
MBBS-Chhatrapati Shahuji Maharaj Medical University  
MD-Dr. NTR University of Health Sciences  
Experience: 3 years

## DEPARTMENT OF BIOCHEMISTRY

**Dr. Gladys Rai, Professor & HoD**  
**MBBS, MD**  
MBBS-JSS Medical College, Mysore  
MD-Kempegowda Medical College, Bangalore



**Dr. Manoj Kumar Nandkeoliar, Associate Professor**  
**MBBS, MD**  
MBBS - Govt. Medical College, Kashmir  
MD (Microbiology)-KGMU  
MD (Biochemistry)-Rajiv Gandhi University, Bangalore  
Experience: 3+ years

**Dr. Shailza Varma, Assistant Professor**  
**MBBS, MD**  
MBBS-NGMC, Kathmandu University, Nepal Gunj, Nepal  
MD (Biochemistry)-Rajah Muthiah Medical College, Chidambaram, Chennai  
Experience: 4 months



**Dr. Rajesh Kumar Thakur, Assistant Professor**  
**M.Sc.**  
M.Sc.-Medical Biochemistry-Kasturba Medical College  
Experience: 9 years



## DEPARTMENT OF PATHOLOGY

**Dr. Geeta Deshmukh, Professor & HoD**  
**MBBS, DCP, MD**  
MBBS-SN Medical College, Agra  
DCP-SN Medical College, Agra  
MD-SN Medical College, Agra  
Experience: 39 years



**Dr. Monisha Choudhury, Professor**  
**MBBS, MD**  
MBBS-University of Delhi  
MD-University of Delhi  
MNAMS-NBE  
Experience: 36 years



**Dr. Suparna Dubey, Professor**  
**MBBS, MD**  
MBBS-AMU, 2000  
MD-AMU, 2005  
Experience: 12 years in hospital and 11 years in teaching



**Dr. Manjit Singh Bindra, Professor**  
**MBBS, MD**  
MBBS-University of Delhi  
MD-INVHS ASVINI, Mumbai  
Experience: 26 years



**Dr. Jyoti Mishra, Associate Professor**  
**MBBS, MD**  
MBBS-GSVM Medical College, Kanpur  
MD-KGMC, Lucknow  
Experience: 5 years of diagnostic experience and 4 years of teaching



**Dr. Atul Verma, Assistant Professor**  
**MBBS, MD**  
MBBS-National Medical College Birgunj, Nepal  
MD-D.Y. Patil University



**Dr. Salony Mittal, Assistant Professor**  
**MBBS, MD**  
MBBS - Subharti Medical College, Meerut  
MD - King George's Medical University, Lucknow



**Dr. Shefali Goyal, Assistant Professor**  
**MBBS, MD**  
MBBS-SDM College of Medical Sciences, Karnataka  
MD-Sri RM Patil Medical College & Hospital, Karnataka



**Dr. Shubhangi Gupta, Assistant Professor**  
**MBBS, MD**  
MBBS-Dr. BR Ambedkar University  
MD-DY Patil University  
Experience: 2 years



## DEPARTMENT OF PHARMACOLOGY

**Dr. Ashok Kumar Dubey, Professor & HoD**  
**MBBS, DOMS, MD**  
MBBS-Medical College, Calcutta  
DOMS(Diploma)-Institute of Phththalmology, Aligarh  
MD-NSCB Medical College, Jabalpur  
Experience: 10 years



**Dr. Sachin Manocha, Associate Professor**  
**MBBS, MD**  
MBBS-Pt. JLM Medical College, Raipur  
MD-Dr. ALM Post Graduate Institute of Basic Medical Sciences  
Experience: 3+ years



**Dr. Mohd. Nazer Hasan, Assistant Professor**  
**MBBS, MD**  
MBBS- AMU  
MD- AMU  
Experience: 4 years



**Dr. Ekta Arora, Assistant Professor**  
**MBBS, MD**  
MBBS-University of Jammu  
MD-University of Jammu



## DEPARTMENT OF MICROBIOLOGY

**Dr. Renu Dutta, Professor and HoD**  
**MBBS, MD**  
MBBS - University of Delhi  
MD - University of Delhi



**Dr. Dalip Kumar Kakru, Professor**  
**MBBS, MD**  
MBBS- GMC, University of Kashmir  
MD (Microbiology) -Sher-i-Kashmir institute of Medical Sciences



**Dr. Sneha Mohan, Assistant Professor**  
**MBBS, MD**  
MBBS- NKP Salve Institute of Medical Sciences & Research, Nagpur  
MD (Microbiology) -KGMC, Lucknow  
Experience: 4 years



**Dr. Tarana Sarawat, Assistant Professor**  
**MBBS, MD**  
MBBS - JNMCH  
MD, Microbiology - SMSR



## DEPARTMENT OF FORENSIC MEDICINE

**Dr. Pooja Rastogi, Associate Dean, Professor & HoD**  
**MBBS, MD**  
MBBS - KGMC, Lucknow  
MD (Forensic Medicine)-KGMC, Lucknow  
Experience: 16 years undergraduate MBBS teaching and 3 years of medico-legal experience



**Dr. Anshul Saxena, Assistant Professor**  
**MBBS, MD**  
MBBS-KM, Manipal  
MD-KMC, Manipal



**Dr. Ankita Kakkar, Associate Professor**  
**MBBS, MD**  
MBBS-UCMS, Lucknow  
MD-University of Chhatrapati Sahu Ji Maharaj, Kanpur



## DEPARTMENT OF COMMUNITY MEDICINE

**Dr. Seetha R. Nagesh, Professor & HoD**  
**MBBS, MD, MPH**  
MBBS-GMC, Mysore  
MD-MGIMS- Wardha  
MPHM-Mahidol University, Bangkok



**Dr. Shalini Srivastav, Professor**  
**MBBS, MD**  
MBBS-BRD Medical College, Gorakhpur  
MD-MLM Medical College, Jhansi  
Experience: 8 years



**Dr. Harsh Mahajan, Professor**  
**MBBS, MD**  
MBBS-University College of Medical Sciences, Delhi  
MD-Maulana Azad Medical college, Delhi  
Experience: 8 years



**Dr. Khushboo Juneja, Assistant Professor**  
**MBBS, MD**  
MBBS-J.N.M.C.H, AMU  
MD-J.N.M.C.H, AMU



**Dr. Amit Singh Pawaiya, Assistant Professor**  
**MBBS, MD**  
MBBS-Vikram University, Ujjain, MP  
MD-Vikram University, Ujjain, MP  
Experience: 1 year



**Dr. Anshu Singh, Assistant Professor**  
**MBBS, MD**  
MBBS-Lady Hardinge Medical College, New Delhi  
MD-Lady Hardinge Medical College, New Delhi



**Dr. Neha Tyagi, Assistant Professor**  
**MBBS, MD**  
MBBS-LLRM Medical College, Meerut  
MD-MLN Medical College, Allahabad  
Experience: 3 years



**Dr. Ambren Chauhan, Assistant Professor**  
**MBBS, MD**  
MBBS-Aligarh Muslim University  
MD-Aligarh Muslim University  
Experience: 1 year



**Dr. Neeti Purwar, Assistant professor**  
**MBBS, MD**  
MBBS-CSJM University, Kanpur  
MD-Banaras Hindu University  
Experience: 1 year



**Mr. Hari Pal Singh, Assistant Professor cum Statistician**  
**B.Sc., M.Sc., M.Phil.**  
B.Sc.-Agra University, Agra  
M.Sc.-Agra University, Agra  
M.Phil.-Agra University, Agra



## DEPARTMENT OF RESPIRATORY MEDICINE

**Dr. Shailendra Nath Gaur, Professor & HoD**  
**MBBS, MD**  
MBBS-University of Allahabad  
MD-University of Allahabad  
Experience: 41 years



**Dr. Mohan Bandhu Gupta, Professor**  
**MBBS, MD**  
MBBS-Lucknow University  
MD-Lucknow University  
Experience: 15+ years



**Dr. Devendra Kumar, Associate Professor**  
**MBBS, MD**  
MBBS-Santosh Medical College, Ghaziabad  
MD-SN Medical College, Agra  
Experience: 17 years





DEPARTMENT OF GENERAL MEDICINE

**Dr. Ashok Kumar Agarwal, Professor and HoD**  
**MBBS, MD**  
MBBS-Agra University, Agra  
MD (Gen. Medicine)-Agra University, Agra  
Experience: 41 years



**Dr. Gopal Dutt Sharma, Professor**  
**MBBS, MD**  
MBBS-University of Lucknow  
MD-University of Pune  
Experience: 38 years of clinical experience and 8 year teaching experience



**Dr. Pankaj Bansal, Professor, Additional MS (Sharda Hospital)**  
**MBBS, MD**  
MBBS-SP Medical College  
MD-GR medical College  
Experience: 15 years



**Dr. Bhawani Shankar Pandey, Associate Professor**  
**MBBS, MD**  
MBBS-Govt. Medical College, Jabalpur  
MD-Awadh Pratap Singh Vishwa vidyalaya  
Experience: 33+ years



**Dr. Prem Kumar, Assistant Professor**  
**MBBS, MD**  
MBBS-KSMU, Lucknow  
MD-KSMU, Lucknow  
Experience: 4 years



**Dr. Mahak Lamba, Assistant Professor**  
**MBBS, MD**  
MBBS-KGMC, Lucknow  
MD-Bundelkhand University  
Experience: 6 years



**Dr. Kurri Nalini, Assistant Professor**  
**MBBS, MRCP**  
MBBS-SV Medical College  
MRCP-Royal College of Physicians, UK  
Experience: 5 years



DEPARTMENT OF DERMATOLOGY

**Dr. Gopi Krishna Maddali, Professor & HoD, Deputy MS (Sharda Hospital)**  
**MBBS, MD**  
MBBS-Andhra University  
MD-Andhra University



**Dr. Sanjeev Gulati, Assistant Professor**  
**MBBS, MD**  
MBBS-Pondicherry University  
MD-Pondicherry University



**Dr. Ajoy Deshmukh, Professor**  
**MBBS, MD, DM**  
MBBS-Assam Medical College, Assam, 1973  
MD-SN Medical College, agara, 1978  
DM (Cardio)-LPS Institute of cardiology, Kanpur, 1992  
Experience: 38 years of clinical experience and 13 year teaching experience.



**Dr. V.P.S. Punia, Professor**  
**MBBS, MD**  
MBBS-Kurukshetra University  
MD-Kurukshetra University



**Dr. Anurag Prasad, Associate Professor**  
**MBBS, MD**  
MBBS-JLN Medical College, Ajmer  
MD-JLN Medical College, Ajmer  
Experience: 15+ years



**Dr. Sunil Kumar, Assistant Professor**  
**MBBS, MD**  
MBBS-SN Medical College, Agra  
MD-SN Medical College, Agra



**Dr. Esha Singhal, Assistant Professor**  
**MBBS, MD**  
MBBS-Goa Medical College  
MD-Goa Medical College  
Experience: 4 years



**Dr. Satish Kumar, Assistant Professor**  
**MBBS, MD**  
MBBS-SN Medical College  
MD-CSSM University  
Experience: 6 years



**Dr. Shitij Goel, Professor**  
**MBBS, MD**  
MBBS-BJ Medical College, Ahamdabad  
MD-BJ Medical College, Ahamdabad  
Experience: 14 years



DEPARTMENT OF PAEDIATRICS

**Dr. Satinder Aneja, Professor & HoD**  
**MBBS, MD**  
MBBS-University of Pune  
MD (Pediatrics)-University of Pune



**Dr. Mathura Prasad Mahato, Professor**  
**MBBS, MD**  
MBBS-University of Kashmir  
MD (Pediatrics)-Ranchi University  
Experience: 19 years



**Dr. Subhash Chandra, Professor**  
**MBBS, MD**  
MBBS-LLRM Medical College, Meerut  
MD-LLRM Medical College, Meerut  
Experience: 11 years



**Dr. Najia Hassan, Assistant Professor**  
**MBBS, MD**  
MBBS-AMU, JNMC  
MD-AMU, JNMC  
Experience: 18 years



**Dr. Priya Tomar, Assistant Professor**  
**MBBS, MD**  
MBBS-Krishna Institute of Medical Sciences, Karad  
MD-LLRM Medical College, Meerut  
Experience: 2 years



**Dr. Brig. Ranjit Ghuliani, Professor**  
**MBBS, MD**  
MBBS-AFMC, Pune  
MD-Army Hospital R&R, Delhi



**Dr. Shashi Bhushan, Professor**  
**MBBS, MD**  
MBBS-AFMC, Pune  
MD-AFMC, DU



**Dr. Gayatri Koley, Associate Professor**  
**MBBS, MD**  
MBBS-University of Magadh  
MD-University of Delhi



**Dr. Sujaya Mukhopadhyay, Assistant Professor**  
**MBBS, MD**  
MBBS-AMU, JNMC  
MD-AMU, JNMC  
Experience: 10 years



DEPARTMENT OF ORTHOPAEDICS

**Dr. Sudhir Kumar, Professor & HoD**  
**MBBS, MS, MCh**  
MBBS-Institute of Medical Sciences, BHU  
MS-Institute of Medical Sciences, BHU  
MCh-Royal National hospital, Liverpool(U.K.)  
Experience: 40+ years



**Dr. Anil Joshi, Professor**  
**MBBS, MS**  
MBBS-CMC, Ludhiana, Punjab University  
MS General Surgery-AFMC, Pune  
MS Ortho-AFMC, Pune



**Dr. Albert D'Souza, Assistant Professor**  
**MBBS, MS**  
MBBS-Banglore University  
MS-Rajiv Gandhi University of Health Sciences, Karnataka



**Dr. Rakesh Kumar, Assistant Professor**  
**MBBS, Diploma, DNB**  
MBBS-MLB Medical College  
Diploma-ASMMU, KGMU, Lucknow  
DNB-DDU Hospital, New Delhi  
Experience: 3 years



**Dr. Ramji Lal Sahu, Professor**  
**MBBS, MS**  
MBBS-Gajararaja Medical College  
MS-Mahatma Gandhi Memorial Medical College, Indore  
Experience: 10 years



**Dr. Rajni Ranjan, Professor**  
**MBBS, MS**  
MBBS-VSS Medical College, Sambalpur, Odisha  
MS-GSVM Medical College, Kanpur  
Experience: 6 years



**Dr. Rahul Kaul, Assistant Professor**  
**MBBS, MD**  
MBBS-University of Barkatullah  
MD-University of Jammu  
Experience: 3 years



**Dr. Bharat Goswami, Assistant Professor**  
**MBBS, MS**  
MBBS-King George Medical University  
MS Orthopaedics-King George Medical University





## DEPARTMENT OF GENERAL SURGERY

**Dr. P.L. Kariholu, Professor & Pro-Vice Chancellor (Medical Wing)**  
**MBBS, MS**  
MBBS-Govt. Medical College, Kashmir  
MS(Gen. Surgery)-Govt. Medical College, Kashmir  
Experience: 35+ years



**Dr. Ashutosh Niranjana, Professor & HoD, Additional MS (Sharda Hospital)**  
**MBBS, MS**  
MBBS-MGM Medical College, Jamshedpur  
MS(Gen. Surgery)-Ranchi University, Ranchi  
Experience: 20+ years of teaching experience

**Dr. Ashok Bhatnagar, Professor**  
**MBBS, MS**  
MBBS-JLN Medical College, Ajmer  
MS(Gen. Surgery)-JLN Medical College, Ajmer  
Experience: 24 years



**Dr. Suresh Kalyanasundar, Professor**  
**MBBS, MS**  
MBBS-LLRM Medical College, Meerut  
MS(Gen. Surgery)-Armed Forces Medical College, Pune  
Experience: 30+ years (Army Retired)

**Dr. Vikram Singh Chauhan, Professor**  
**MBBS, MS**  
MBBS-RNT Medical College, Udaipur  
MS-RNT Medical College, Udaipur  
Experience: 6 years of teaching and research experience



**Dr. Satish Kumar, Assistant Professor**  
**MBBS, MS**  
MBBS-University College of Medical Sciences, Delhi University  
MS-Army Hospital, Delhi University  
Experience: 22 years of General & Laparoscopic surgeon in CRPF

**Dr. Vikas Bhardwaj, Assistant Professor**  
**MBBS, MS, MCh**  
MBBS-LLRM Medical College, Meerut  
MS-LLRM Medical College, Meerut  
MCh-KGMC, Lucknow, 2012  
Experience: 7 years



**Dr. Jagdish Mutreja, Assistant Professor**  
**MBBS, MS**  
MBBS-PGIMS, Rohtak  
MS-PGIMS, Rohtak  
Experience: 3 years

**Dr. Manoj Kumar, Assistant Professor**  
**MBBS, MS**  
MBBS-Patna Medical College, Bihar  
MS-Darbhanga Medical College, Bihar  
Experience: 32 years



**Dr. Adarsh Ramappa, Assistant Professor**  
**MBBS, MS**  
MBBS-Rajiv Gandhi University of Health Sciences  
MS-Rajiv Gandhi University of Health Sciences  
Experience: 5 years

**Dr. Ritesh Kumar, Assistant Professor**  
**MBBS, MS**  
MBBS-Vinayaka Mission Medical, Pondicherry  
MS-Fatima Institute of Medical Sciences, Andhra Pradesh  
Experience: 5 years



**Dr. Fahad Tauheed, Assistant Professor**  
**MBBS, MS**  
MBBS-Rajiv Gandhi University of Health Sciences  
MS-Sri Siddhartha University  
Experience: 4 years

**Dr. Shashi Kr. Chaurasiya, Assistant Professor**  
**MBBS, MS**  
MBBS-SN Medical College Agra  
MS-MLN Medical College Allahabad



## DEPARTMENT OF ENT

**Dr. Anoop Raj, Professor & Medical Superintendent (Sharda Hospital)**  
**MBBS, MS**  
MBBS: Jiwaji University, Gwalior, M.P  
MS: Indore University, M.P  
Experience: 38 years teaching & clinical experience.



**Dr. Sunil Kumar Singh Bhadouriya, Associate Professor & HoD**  
**MBBS, MS**  
MBBS-Jiwaji University  
MS-Gandhi Medical College  
Experience: 10 years

**Dr. Vivek Pathak, Assistant Professor**  
**MBBS, MS**  
MBBS-Assam Medical College, Dibrugarh  
MS-Assam Medical College, Dibrugarh  
Experience: 5 years



## DEPARTMENT OF OBSTETRICS AND GYNAECOLOGY

**Dr. Nimmi Chutani, Professor & HoD**  
**MBBS, MS**  
MBBS-S.P Medical college, Bikaner  
MS-S.P Medical college, Bikaner  
Experience: 36+ years in teaching, Clinical and Research



**Dr. Surinder Singh Gulati, Professor**  
**MBBS, MD**  
MBBS-AFMC, Pune  
MD-AFMC, Pune  
Experience: 14 years

**Dr. Neerja Goel, Professor**  
**MBBS, MD**  
MBBS-DU, LHMC&SK Hospital  
MD-DU, LHMC&SK Hospital



**Dr. Archana Mehta, Associate Professor**  
**MBBS, MD**  
MBBS-LHMC, Delhi  
MD-LHMC, Delhi  
Experience: 8 years

**Dr. Ruchi Srivastava, Professor**  
**MBBS, DNB, MS**  
MBBS-Sarojini Naidu Medical college, Agra  
DNB-National Board of Examinations Ministry of Health & Family Welfare, New Delhi  
MS-Sarojini Naidu Medical college, Agra  
Experience: 12 years



**Dr. Samta Gupta, Professor**  
**MBBS, MS**  
MBBS-SN Medical College, Agra  
MS-SN Medical College, Agra  
Experience: 5 years

**Dr. Shelly Agarwal, Associate Professor**  
**MBBS, MS**  
MBBS-Budelkhand University, Jharkhand  
MS-Budelkhand University, Jharkhand  
Experience: 3 years and 2 months



**Dr. Shehla Jamal, Assistant Professor**  
**MBBS, DGO, DNB**  
MBBS-AMU  
DGO-AMU  
DNB-NBE

**Dr. Megha Ranjan, Assistant Professor**  
**MBBS, MD**  
MBBS-GSVM  
MD-MLB, Jhansi



**Dr. Neha Khan, Assistant Professor**  
**MBBS, MS**  
MBBS-LLRM Medical College, Meerut  
MS-GSVM Medical College, Kanpur

**Dr. Vikas Yadav, Assistant Professor**  
**MBBS, MD**  
MBBS-Kasturba Medical College, Manipal University  
MD-AIIMS, New Delhi  
Experience: 4 years



## DEPARTMENT OF RADIOLOGY AND IMAGING

**Dr. Vishal Gupta, Professor & HoD**  
**MBBS, MD**  
MBBS-UCMS, DU  
MD-LHMC, DU  
Experience: 8 years



**Dr. R.P. Tripathi, Professor**  
**MBBS, MD**  
MBBS-KGMC  
MD-Pune University  
Experience: 35+ years

**Dr. Barindra Prasad Baruah, Professor**  
**MBBS, MD**  
MBBS-Assam Medical College, Dibrugarh  
MD-AIIMS, New Delhi  
Post Doctoral fellowship-Rikshospitalet(National Hospital), Oslo, Norway  
Experience: 21+ years



**Dr. Sujeet Kumar Jain, Assistant Professor**  
**MBBS, MD**  
MBBS-Netaji Subhash Chandra Bose Medical College, Jabalpur  
MD-Netaji Subhash Chandra Bose Medical College, Jabalpur

**Dr. Khemendra Kumar, Assistant Professor**  
**MBBS, MD**  
MBBS-BJMC, MUHS, Nashik  
MD-Dr. SNMC, RUHS, Jaipur





DEPARTMENT OF ANESTHESIOLOGY

**Dr. Suveer Sharma, Professor & HoD**  
**MBBS, MD**  
MBBS-Maulana Azad Medical College, New Delhi  
MD (Anesthesiology)-Armed Forces Medical College, Pune  
Experience: 25+ years



**Dr. Amit Kumar Gupta, Professor**  
**MBBS, MD**  
MBBS-U.B Ambedkar Marathwada MD (Anesthesia Ambedkar, Agra



**Dr. Rahul Singh, Assistant Professor**  
**MBBS, MD**  
MD-Santosh University, Ghaziabad



**Dr. Sakshi, Assistant Professor**  
**MBBS, MD**  
MBBS-GMC, Jammu  
MD-GMC, Jammu



**Dr. Shipra Singh, Assistant Professor**  
**MBBS, MD**  
MBBS-The Tamil Nadu Dr. MGR Medical University, Chennai  
MD-Chhatrapati Sahuji Maharaj University, Kanpur  
Experience: 6 years



**Dr. Vandna Bharti, Assistant Professor**  
**MBBS, MD**  
MBBS-LLRM Medical College, Meerut  
MD-KGMU  
Experience: 4 years



DEPARTMENT OF PSYCHIATRY

**Dr. Kunal Kumar, Professor and HoD**  
**MBBS, MD**  
MBBS-Nalanda Medical College, Patna  
MD-Patna Medical College, Patna  
Experience: 11+ year of Clinical and 8+ years teaching experience



DEPARTMENT OF OPHTHALMOLOGY

**Dr. Yogeshwar Arora, Professor & HoD**  
**MBBS, MS**  
MBBS-Govt. Medical College, Amritsar  
MS-PGI, Chandigarh  
Experience: 23+ years



**Dr. Anushri Lochan, Assistant Professor**  
**MBBS, MS**  
MBBS-Subharti Medical College, Meerut  
MS-Swami Vivekanand Subharti University  
Experience: 3 years



**Dr. Aarti Srivastava, Professor**  
**MBBS, MD**  
MBBS-MGM Medical College, Jamshedpur, 1989  
MD (Anesthesiology)-B.P Koirala Institute of Health Sciences, Dharan  
Experience: 11+ years



**Dr. K.L. Gupta, Associate Professor**  
**MBBS, MD**  
MBBS-Govt. Medical College, Rohtak  
MD-Armed Forces Medical College, Pune University



**Dr. Mubashar Ul Islam, Assistant Professor**  
**MBBS, MD**  
MBBS-D.Y. Patil Medical College, Pune  
MD (Anesthesia)-AFMC, Pune



**Dr. Rohini, Assistant Professor**  
**MBBS, MD**  
MBBS-University of Guwahati  
MD-Srimata Sankaradeva University of Health Sciences, Guwahati



**Dr. Debasis Pradhan, Assistant Professor**  
**MBBS, MD**  
MBBS-Berhanpur University  
MD-North East Hill University  
Experience: 5 years



**Dr. Abhinait Kumar, Associate Professor**  
**MBBS, Diploma in Psychiatry, MD**  
MBBS-Govt. Medical College, Mysore  
Diploma in Psychiatry-Dr. D.Y Patil Medical College, Pune  
MD-Santosh Medical College  
Experience: 2.8 years and 2 years of teaching experience.



**Dr. Abha Gahlot, Professor**  
**MBBS, MS**  
MBBS-GSVM Medical College  
MS-GSVM Medical College



THE ONLY  
NOT-FOR-PROFIT  
900+ BEDDED SUPER  
SPECIALITY HOSPITAL  
IN NORTH INDIA



100  
BEDS ICU



300+ PROFESSORS  
& CONSULTANTS



100K+  
SURGERIES



2 MILLION+  
OUTDOOR PATIENTS

RESEARCH & EVIDENCE  
BASED TREATMENT

TEACHING HOSPITAL  
DEDICATED TO RESEARCH

PATIENTS FROM  
80+ COUNTRIES

HIGHLY AFFORDABLE  
WORLD-CLASS CARE

DOCTORS WITH EXP. IN COUNTRIES  
LIKE US, UK, SINGAPORE...

NO UNNECESSARY TESTS,  
ADMISSION & SURGERY

Established in 2006, Sharda Hospital is one of India's premier teaching and research hospital with NABH accreditation- the highest benchmark standard for hospital quality in India. Over the years, Sharda Hospital has become synonymous with world-class medical care at affordable cost. Sharda Hospital offers a comprehensive range of services for international patients including Visa & money exchange, ambulance pickup, consultations, diagnostic services, billing and insurance, travel and lodging arrangements and language interpretation services.

WORLD-CLASS HEALTHCARE@AFFORDABLE COSTS

TRANSPLANT

Kidney Transplant  
Liver Transplant\*

SURGERIES

Orthopaedic-Joint/Hip /Knee Replacement | Neurology-Brain/Spine  
Cardiac-Open Heart/Bypass/Valve Replacement/Cardiothoracic  
Cancer-Head & Neck/Breast/Bone/Colon/ Ovarian  
Plastic- Reconstructive/Burn | Gastro-GI/Bariatric

PROCEDURES

Angioplasty/Angiography  
Endoscopy/Colonoscopy  
Interventional Radiology





# FOCUS ON ORGANISING CMEs & CONFERENCES



Dr. Vedprakash Mishra, Chancellor, Krishna Institute of Medical Sciences welcomed during 9th Annual conference of the Association of Physiologist and Pharmacologist of India UP-UK chapter



Department of Obstetrics & Gynaecology celebrated International Menopause Day on 18th October 2018 by organizing a CONFERENCE titled 'MENOCON '.



Department of Obstetrics and Gynaecology, SMSR in collaboration with Greater Noida Obstetric and Gynecological Society celebrated International Women's Day on 8th March 2019.



Mr. PK Gupta, Chancellor, Sharda University addressing the gathering during Health Awareness session for Old Age



Dr. Mahesh Sharma, MP, speaking during MBBS orientation



Delegates from Ukraine visited Sharda campus



Dr. Vibhu Mendiratta, Professor of Dermatology, Lady Hardinge Medical College welcomed during CME on Paediatrics Dermatology on 20th February 2019.



Project Aarogya Mammography Bus launched by Mr. PK Gupta, Chancellor, Sharda University



Revised Basic Course Workshop on Medical Education Technologies



# INFRASTRUCTURE COMPARABLE WITH THE BEST

Sharda University campus combines modern teaching and study spaces on 63 acres of landscaped greenery. At Sharda, you can study in a clean, healthy environment that combines the benefits of an active global lifestyle with the resources of an international University.

When you want to work together and make new friends you'll find yourself in a welcoming community filled with people from over 80+ countries. Our campus includes academic support, accommodation, sports, culture and entertainment- everything you need.

## EAT

Discover multi-cuisine outlets on campus

## PLAY

Relax by playing many outdoor & indoor games

## EXPERIENCE

Guest lectures, events & activities in auditoriums & seminar halls

## CONNECT

Stay connected 24x7 through seamless Wi-Fi network

## LEARN

Browse through lacs of books in libraries

## EXERCISE

Stay fit at the on-campus gymnasium

## RESEARCH

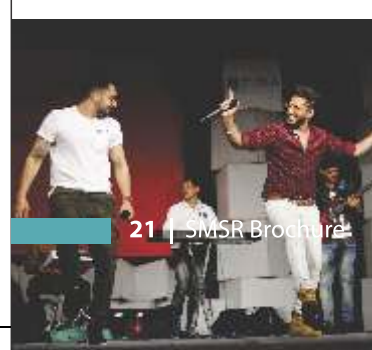
Hi-tech labs & research centres







THE SHARDA CAMPUS LIFE.  
**TRULY**  
**EXTRAORDINARY!**





# MEDICAL PROGRAMMES DESIGNED FOR SUCCESS

Established with an aim of developing top doctors, School of Medical Sciences & Research has evolved into one of the leading Medical Schools in India. From the moment students arrive, they are considered to be the members of the medical community and are challenged to meet the expectations of all.



RECOGNISED BY  
MEDICAL COUNCIL OF INDIA (MCI)

## PROGRAMMES OFFERED BY SMSR

MBBS	4.5+1 Years
MS - Anatomy	3 Years
MS - ENT	3 Years
MS - Ophthalmology	3 Years
MS - Orthopedic	3 Years
MS - General Surgery	3 Years
MD - Physiology	3 Years
MD - Bio Chemistry	3 Years
MD - Pathology	3 Years
MD - TB & Chest	3 Years
MD - Pharmacology	3 Years
MD - Microbiology	3 Years
MD - Anesthesia	3 Years
MD - Psychiatry	3 Years
MD - General Medicine	3 Years
MD - Community Medicine	3 Years
MD - Paediatrics	3 Years
MD - Dermatology	3 Years
MD - Radio Diagnosis	3 Years
Ph.D. - Physiology	Min. 3 Years
Ph.D. - Microbiology	Min. 3 Years
Ph.D. - Pathology	Min. 3 Years
Ph.D. - Community Medicine	Min. 3 Years



# MBBS

Medicine is the art and science of healing the sufferings of mankind, thus the Medical and Healthcare professionals are the most distinguished and respected ones in the society. The Bachelor course in Medicine and Surgery (M.B.B.S) qualifies a person to be a medical professional. MBBS medical professional can practice as a physician and surgeon after a post qualification compulsory rotating internship for one year in a hospital or health care institution. A medical doctor looks after the patients with compassion and care so that they are physically, mentally and socially healthy. Thus a medical professional contributes immensely to keep the community and thereby country healthy.

**Duration of MBBS Course: 4.5 year course and 1 year Internship**

**Number of Seats : 100 (Recognized) +50 (Approved)**

**Recognitions and Approvals from Medical Council of India (MCI):**

MBBS programme in School of Medical Sciences & Research, Sharda University has been recognized for intake of 100 students in 2014 vide Govt. of India, Ministry of Health & Family Welfare, Notification No. U.12012/547/2014-ME(P-II) dated 01st July 2014 and permitted for intake of 150 MBBS seats vide Letter for renewal of permission from Ministry of Health & Family welfare Letter No. MCI-37(1)(RI-37)/2018-Med/171558 Dated 07th Feb. 2019 after verifying the Physical and Academic Infrastructural facilities.

# MD/MS

The Medical college has following 3 years MD/MS programmes running as recognized approved by MCI & MOHFW through its letters of recognition or approval.

**Number of Seats department wise:-**

S.No.	MD/MS Department	Duaration	Seats
1	Anatomy	3 years	2
2	Physiology	3 years	2
3	Biochemistry	3 years	1
4	Pharmacology	3 years	2
5	Community Medicine	3 years	2
6	Microbiology	3 years	2
7	Pathology	3 years	2
8	Anaesthesia	3 years	6
9	ENT	3 years	2
10	TB Chest	3 years	2
11	Psychiatry	3 years	2
12	Dermatology	3 years	2
13	Ophthalmology	3 years	2
14	Radio Diagnosis	3 years	7
15	Pediatrics	3 years	6
16	General Medicine	3 years	10
17	General Surgery	3 years	11
18	Orthopedics	3 years	6
19	Obstetrics & Gynecology*	3 years	Applied for
TOTAL			69



**Eligibility:**

**For Indian Nationals:**

All admissions in Under Graduate And Post Graduate are done on the basis of NEET Examination (Conducted by National Testing Agency/NBE) and through UPNEET Counseling conducted by "Director General Medical Education & Training Uttar Pradesh"

For further inquiry, Kindly visit Admission cell, Sharda University Greater Noida.

- Candidate seeking admission to MD/MS course must possess recognized MBBS degree awarded by a University recognised by the Medical Council of India and must have completed the required period of internship in a recognized hospital.
- The candidate should have obtained permanent registration with the Medical Council of India





## DEPARTMENT OF ANATOMY

The subject of anatomy introduces students to the study of gross structure, internal architecture of tissues and organs and development of the human body. The department is imparting training to MBBS and MD students using all recent modalities of medical education.

### Faculty

Department of anatomy has experienced and highly qualified faculty who have worked in reputed medical colleges such as AIIMS, LHMC, MAMC and UCMS to groom the budding medical professionals. Besides teaching, the faculty is actively involved in various research projects.

### Infrastructure

The department is fully equipped with dissection hall, embalming room, histology lab, museum, demonstration rooms, Genetic lab and research lab.

The dissection hall is spacious and well-ventilated in which 150 students can be accommodated. Attached to the dissection hall are the rooms for embalming, storage tanks for the preservation of the cadavers, two cooling cabinets for storage of 12 cadavers and two ante-rooms for students. Articulated skeletons and individual bones are also made accessible to the students during working hours.

### Museum

The museum displays region wise, well mounted dissected specimens, bones, skeletons, and embryology & gross anatomy models. Catalogues with labeled pictures and brief description of mounted gross anatomy specimens are

available to the students for reference. Radiology section displays plain, special radiographs of various regions of the body, CT scans & MRI.

### Histology laboratory

The department has a fully equipped histology laboratory which can accommodate 90 students at a time. The students are provided with individual microscopes and a binocular microscope with a CCTV attachment for the projection of slides on the TV.

### Departmental Library

The departmental library has an excellent collection of the latest books in gross anatomy, histology, embryology, neuroanatomy, genetics and radiology.

### Demonstration Rooms

Two demonstration rooms which can accommodate 80 students each are well equipped with modern audio-visual aids like LCD projector, overhead projector and visualizer.

### Research Facility

The department has sufficient facilities for conducting research in anthropometry, histology and gross anatomy. In addition to departmental histology research lab, a central research lab facility is also available to carry out research projects.

### Course

- MS - Anatomy



## DEPARTMENT OF PHYSIOLOGY

Medical physiology is the science that deals with an understanding of the basic functioning of the normal body systems.

### Teaching learning

It is ICT enabled for MBBS and MD students and Didactic lectures constitute only a third of the teaching. The rest is in the form of interactive tutorials, student seminars, problem based learning (PBL) and quizzes which are routinely conducted at regular intervals.

### Faculty

Department of Physiology is enriched with experienced and eminent faculty members from premier and prestigious institutes of the country.

### Infrastructure

The department has five well equipped laboratories: Haematology, Human physiology, Clinical Lab, experimental lab, Yoga lab and a Research lab., Demonstration rooms, museum and a departmental library.

In the Clinical physiology lab aspiring medical professionals learn the basic clinical procedures like blood pressure measurement, clinical examination of respiratory cardiovascular and central nervous system. Students use physiographs, spirometers, ECG machine, perimeters, Ishihara charts, bicycle Ergometer, peak flow meter, Mosso's ergograph etc, during their scheduled practical classes to enhance their knowledge and practical skills.

The department has a well equipped, spacious haematology

laboratory where the students are provided with individual microscopes and slides for the practicals. The lab is fully functional with all the instruments and facilities needed for haematology practicals like haemocytometers, haemoglobinometers, centrifuge machines, hot air oven & Neubauer's chambers for measurement of hemoglobin, RBC and WBC count and other haematology practicals. It also boasts of CCTV setup and demonstration microscopes to ensure better teaching learning.

In the Experimental & Mammalian laboratories, experimental practicals are demonstrated to students. It is equipped with instruments like kymographs, Sherrington Starling drums, stimulators, keys, levers, smoking assembly, water bath OT tables etc. to aid experimental teaching learning.

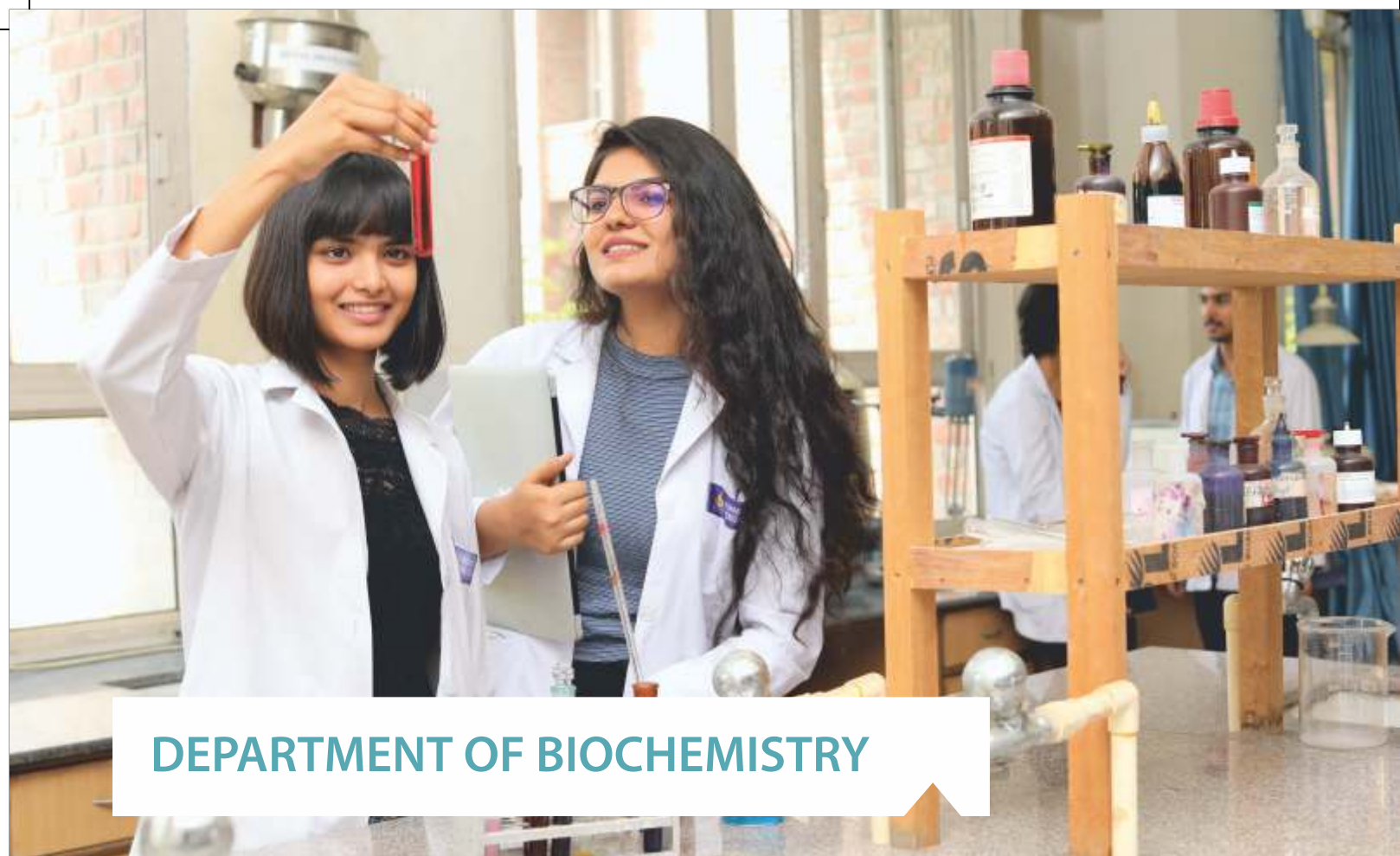
### Research laboratory

The faculty members of physiology are also keen researchers. The departmental research lab is well developed and caters to the needs of the undertaken research projects. The research lab houses polyrites (digital and analog) for experiments like EMG, EEG and ECG. Pulmonary function tests are routinely done on patients in this lab. Facilities are available for measurement of EMG and NCV. A fully air conditioned Yoga lab is available in the department of Physiology with a trained Yoga teacher.

### Course

- MD - Physiology
- Ph.D. - Physiology





## DEPARTMENT OF BIOCHEMISTRY

Knowledge of Biochemistry is essential to understand various mechanisms taking place in health and disease in the human body. The Biochemistry emphasizes the basic clinical aspects of enzymology with emphasis on diagnostic enzymes, principles of routine and specialized biochemical investigations and techniques, basic and applied molecular biology & immunology.

**Faculty:** The Department has well qualified faculty trained and worked in reputed Medical colleges such as AIIMS, IMS- BHU etc. Apart from teaching, they are actively participating in research work. Some of the faculty is involved in medical education training as well.

### Infrastructure:

The Department is well equipped with practical laboratory for undergraduate MBBS students, Departmental Research laboratory (with sophisticated equipments such as UV/Visible spectrophotometer, Horizontal and vertical electrophoresis units, UV Transilluminator, Flame photometer, homogenizer and pH meter), Demonstration rooms (well equipped with modern audio-visual aids like LCD projector and, overhead projector).

### Clinical Biochemistry Laboratory

In addition to teaching programme, the department is running 24 hours clinical biochemistry laboratory in Sharda hospital as an integral unit of Central laboratory. It has equipments like Cobas C111 autoanalyser, 2 units of Semiautoanalyzer, ISE based electrolyte analyser, ABG etc for both routine and emergency testing.

### Central Research Laboratory

Central Research Laboratory of School of Medical Sciences & Research located in SMSR building, a well equipped post graduate lab boasts of equipments like PCR machine, refrigerated high speed centrifuge, electrophoresis, deep freezer, ELISA etc is also supervised by the department. The faculties present in Departmental research laboratory and central laboratory are for all the students and faculty

### Research projects

Research activities presently include molecular, immunological and clinical biochemistry in areas of and endocrinal diseases, CVS, free radical chemistry and infertility. The following research projects are being carried out by the faculty members:

- Role of Nitric oxide in health and disease.
- Biochemical study of risk factors for occurrence of Cardiovascular disease amongst Subclinical Hypothyroidism patients.
- Assessment of Coronary artery disease risk in Knee osteoarthritis patients of Greater Noida.
- Role of vitamin E supplementation against oxidative stress in Hypertensive smokers.

### Course

- MD - Bio Chemistry



## DEPARTMENT OF MICROBIOLOGY

Department of Microbiology imparts modern diagnostic Medical education of highest standard to its MBBS students and students of related physical biologic sciences at Undergraduate and Postgraduate level. Conventional teaching methods are aided with modern teaching modalities. Teaching in the form of lectures, demonstrations, practicals and tutorials is extended to problem based learning, symposium, student seminars and journal presentation

**Infrastructure:** Has practical Lab., museum, demonstration rooms and molecular biology lab. Student practical laboratory in the department can accommodate up to 150 students, with a provision of separate microscope, reagents and other articles for each.

The museum in the department consisting of well mounted specimens, models and charts from various branches of microbiology remains open on all working days. Catalogues with labeled pictures and brief description of mounted specimens are available for reference. The museum displays various mounted parasites, models of viruses, articles used in routine diagnostic laboratory and serological kits.

**The departmental library** consists of an excellent collection of books about Bacteriology, Parasitology, Virology, Mycology, Immunology and other related areas. Books on clinical subjects are also available to facilitate the learning of clinical microbiology.

### Diagnostic Services

Department of Microbiology provides diagnostic services to the entire hospital round the Clock, through the Central

laboratory for the infectious diseases, may it be bacterial, mycology, mycobacterium, parasitic and viral diseases. The department is proactive in research activity along with the academic involvement. The department is currently working on the projects predominantly involving study on emerging drug resistance in various hospital isolates and study of nosocomial infection and formulate their management guidelines.

**Molecular Biology Laboratory** provides molecular diagnosis of hepatitis viruses. For serological diagnosis of infectious diseases department is equipped with compact automated immunoassay System. The department is also equipped with automated microbial growth detection, microbial identification and antibiotic susceptibility.

### Bacteriology Laboratory

Apart from providing routine diagnostic services this section is also involved in the surveillance of hospital infections. The numbers of infections occurring in high risk wards are recorded and infection rates determined. Environmental sampling is also done to monitor effective decontamination and disinfecting procedures carried out in the hospital. Records of the resistance pattern are maintained for monitoring of antimicrobial resistance. Surveillance of the staff to detect any carrier state in outbreaks is undertaken

### Course

- MD - Microbiology
- Ph.D. - Microbiology





## DEPARTMENT OF PATHOLOGY

### Academic Activities

The department is involved in teaching Pathology to MBBS students. The department has well qualified, highly experienced and dedicated teaching staff. The teaching learning process is carried out in the form of lectures, demonstration, practicals, tutorials, and problem based learning, symposium and student seminars via use of audio visual aids like LCD Projector, overhead projector, dual head, binocular, pentahead and trinocular microscope with CCTV. Equipment for photomicrography is also available. The department has more than 300 mounted specimens and charts displayed in the museum. These are regularly shown and discussed with students in small groups.

### Research Activities

The department is actively involved in the research activities. There are numerous publications in various Journals of national and international repute.

### Diagnostic Services

The Department provides expertise and diagnostic services in the field of histopathology, cytology, clinical pathology and haematology.

### Licensed Blood Bank

Blood bank provides whole Blood, packed RBC, fresh frozen plasma, and platelet concentrate, single donor platelets for transfusion. Donors are regularly screened for HIV, HbsAg & HCV by ELISA, and also screened for malaria parasite & syphilis.

**Histopathology section** deals with examination of the tissue removed surgically for histopathologic assessment of tissue. The histopathology diagnosis is required for treatment of patient. Suitable specimen are also preserved in museum, and used for undergraduate and postgraduate teaching and during examination.

It also has a cryostat used to cut frozen section to give quick diagnosis (1/2 to 1 hour) while the patient is still on the operation table during surgery, and is of particular use in cancer patients.

**The Haematology section** of the department is involved in providing round the clock service to the indoor and outdoor patients and has latest state of art equipments (advanced haematology analyzers, Coagulometer). We are also doing bone marrow studies, leukemia and Haemolytic anemia work up and coagulation profiles.

**Cytopathology Section** deals with examination of the body fluid. We are also doing FNAC (fine needle aspiration cytology) to give diagnosis of cancer cases within very short time. Cancer screening for cancer cervix is also being done here.

### Course

- MD - Pathology
- Ph.D. - Pathology



## DEPARTMENT OF PHARMACOLOGY

Pharmacology is the science of medicinal drug actions on biological systems, one of the principal ways of treating disease. Appropriate use of therapeutics in clinical medicine depends on firm knowledge in basic and clinical pharmacology.

Pharmacology, as a discipline, is a dynamic interface of various pre-clinical, para-clinical and clinical medical disciplines. Being a bridging subject, its mastery is crucial for a successful career in medicine. The teaching of undergraduates has undergone a significant change in recent years, which has been incorporated in our pharmacology curriculum.

The Department's mission is to enhance the stature of the SMS&R by combining high quality teaching with internationally recognized research. Currently, research in the Department focuses on, (i) neuropsychopharmacology (ii) the pharmacology of inflammation (iii) pharmacoepidemiology including pharmacovigilance.

### Faculty:

The faculty includes members who have worked at the prestigious academic institutions as PGIMER, Chandigarh and UCMS, Delhi.

### Academics

The Department is conducting teaching of undergraduate (MBBS) and Postgraduate (MD) students, utilizing innovative Problem-Based Learning methodologies based on Evidence Based Education. Emphasis is given on Clinical Pharmacology, rational prescribing, prescription-writing skills, therapeutic

problem-solving, prescription audit, drug interaction exercises and ADR monitoring.

Animal experimentation has been replaced with Computer-Simulated Exercises.

### Infrastructure

The department is housed on the 5th floor of the SMS&R building. The department has separate laboratories for experimental pharmacology, pharmacy and postgraduate research work. Adequate facilities for the faculty, seminar room, demonstration rooms and departmental library are provided. The departmental library is well stocked with recent and reference books. Animal house facilities for basic research are available in a modern central animal house.

### Course

- MD - Pharmacology





## DEPARTMENT OF COMMUNITY MEDICINE

Community medicine is a field of medical science designed to prepare budding doctors with honing of skills such as care giver, decision maker, communicator, community leader and a good manager (WHO). The curriculum of the subject is designed in such a way the undergraduates can think epidemiologically, diagnose comprehensively and be able to function as community and first contact physician.

### Faculty:

The department has a very competent, well qualified and dedicated faculty. It has a total of more than 76 publications in various journals and books with almost 10 ongoing research projects. The faculty is frequently invited in national and international conferences as well as capacity building and knowledge enhancing workshops organized by international health agencies through the Ministry of Health and Family Welfare.

### Academics:

The department is imparting training to MBBS & MD students using all recent modalities of medical education. Regular class room activities include seminar, symposia, lectures and group discussions. The undergraduate students are involved in short term self financed low cost research projects to enhance their subject insight as well as innovative strategies for community betterment.

### Infrastructure:

It possesses a well equipped research laboratory for facilitating research by post graduates and faculties, well stocked library

with over 180 Indian and International books on public health, seminar cum reading room, well maintained museum depicting recent interventions and two demonstration rooms fully equipped with modern audio-visual aids.

Community Medicine is known to provide clinical health care at peoples' door step. This is made possible through our two centers namely the Rural Health Training Centre (RHTC) at Panchayatan and Urban Health Training Center (UHTC) at Bhangel, which are run under the supervision and guidance of the Dean, SMS&R. The RHTC at Panchayatan is catering a population of approx. 10,000 in 6 villages (Panchayatan, Inayatpur, Rouni, Kullipura, Cheersi and Girdharpur) which is also the field practice area of the department. It is fully equipped with OPDs, specialist clinic, labor room, inpatient facility (separate male & female wards), seminar room, immunization room and laboratory. The residential facilities for interns and students with functional mess and toilets are available as per the guidelines of MCI.

The department has affiliation to three government PHCs viz. Dankaur, Dadri and Bisrakh.

### Course

- MD - Community Medicine
- Ph.D. - Community Medicine



## DEPARTMENT OF FORENSIC MEDICINE

Forensic Medicine is medical speciality which deals with the application of medical knowledge in administration of justice. A Forensic expert deals with crime scene investigation, post mortem work and medicolegal cases like examination of rape victim and rape accused, examination for issue of drunkenness and injury certificates, examination of person and evidence for age estimation etc. In course of work a forensic expert is also involved in expert opinions and court evidences.

The role of Forensic Medicine experts is not limited only to complete postmortem examination and routine medicolegal duties. The concept of humanitarian approach such as Dignified Management of Dead, providing comfort to grieved relatives, relevant forensic issues affecting the living etc are very relevant considering socio-cultural realities of the society but are often neglected in the day to day duties of a Forensic expert.

The department of Forensic Medicine supervises medico-legal work at Sharda hospital and providing the medico-legal expertise to casualty and emergency services. It is well structured and equipped for effective learning of the Undergraduate students. Its mission is to equip the future doctors with knowledge of 'Forensic aspects' of different branches of medicine to enable them to apply the same during their practice.

### Faculty:

The faculty of the department is highly qualified, full time, having vast experience of medical education and actively involved in research.

### Infrastructure:

Two Demonstration Rooms, Departmental Library cum Seminar Room, Museum (well stocked with numerous specimens, bones, skiagrams, photographs, weapons, charts, poisons, etc.) and Research Laboratory.

### Museum:

Our museum exhibit number of poisons and weapons. The poisons are of both historic and modern type and helpful in leaning the concept of toxicology. Weapons include blunt, sharp and different types of fire arms.

### Mortuary:

The mortuary has cold storage facility along with all post-mortem facilities. The department intends to conduct postmortem with Government permission soon.

### Departmental Library:

We have a good collection of latest editions of books, reference books, various Acts and journals. Library provide good atmosphere for reading and enhancing knowledge





## DEPARTMENT OF GENERAL MEDICINE

Department of Medicine is the largest Department of the School of Medical Sciences & Research. It is enriched with highly experienced, energetic & dedicated faculty members along with well trained staff of Junior & Senior Residents who are available round the clock for emergency as well as for indoor patients (IPD).

The department provides free IPD services in general wards and the IPD strength of the department is of 150 beds. There are additional beds for critically ill patients in a well designed and well equipped Medical Intensive Care Unit (MICU) and Casualty Medical ICU. Depending upon the status of patient's monetary status there are well furnished and comfortable private rooms with careful nursing care.

Every member of the General Medicine team strongly supports the mission of delivering excellence in patient care, performing innovative research, and providing up-to-date and comprehensive education and training.

### Outdoor Patients (OPD)

In addition to general Medical OPD, the department also runs various super specialty clinics in Cardiology, Nephrology, Gastroenterology, Neurology and Endocrinology run by experienced faculty. Dialysis facility is also available in the concerned specialty. In addition there is separate Intensive Coronary Care Unit (ICCU) dedicated for cardiac patients under the expert guidance of experienced Cardiologist.

### Academic Activities

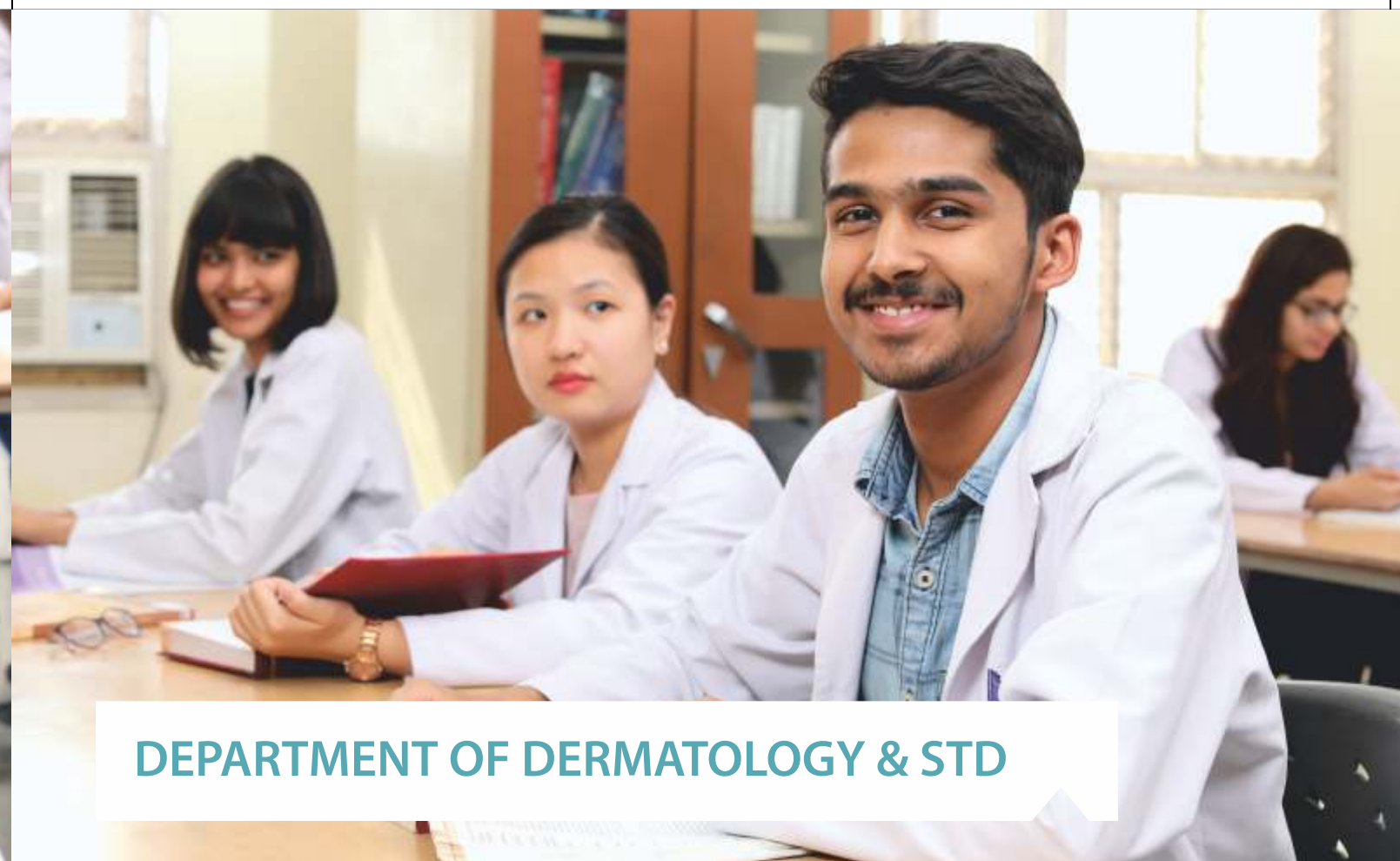
Regular undergraduate (MBBS) clinical teaching is carried out in the department which also runs its academic programmes under the expert guidance of faculty members in its own CME/Seminar Room.

### Cardiology Section

In cardiology section, Cardiology OPD is run daily and the patients are also being referred by the physicians and all other departments of the hospital. Non-invasive procedures are carried out on vivid-3 color Doppler Echo machine and computerized TMT Machine is used for the stress testing of OPD & IPD patients.

### Course

- MD - General medicine



## DEPARTMENT OF DERMATOLOGY & STD

The department of Dermatology provides advanced skin care services as follows:

- Cosmetic dermatology
- Treatment of Sexually transmitted diseases
- Skin Biopsy
- Cryotherapy (liquid Nitrogen)
- Chemical Peels-is a body treatment technique used to improve and smooth the texture of the facial skin using a chemical solution that causes the dead skin to slough off and eventually peel off. The regenerated skin is usually smoother and less wrinkled than the old skin.
- Anti Ageing therapy:- Botox, Fillers, Rejuvenating Peels
- Photofacials and other skin tightening techniques
- Microdermabrasion: cosmetic technique that uses a mechanical medium for exfoliation to remove the outermost layer of dead skin cells from the epidermis. It is a non-invasive procedure and performed by a trained professional to decrease the appearance of superficial hyperpigmentation, and photo-damage, as well as diminish fine lines, wrinkles, and shallow acne scars. Removing the dead skin will aid in the penetration of skin care products by up to 50% and make the skin much smoother.
- Dermaroller-Derma rollers are used in the treatment process called micro needling or skin needling. It is a form of collagen induction therapy, quickly gaining popularity in the Western countries. Unlike other treatments for acne scars, stretch marks and wrinkles, derma rollers do not damage the skin or

remove the epidermis layer. It is used for wrinkles, Anti ageing, Acne scars, pitted scars of varicella, Stretchmarks, Hair loss and for thinning of hair.

- Electrosurgery-Skin Tags & Wart removal
- Radiofrequency- Removal of warts, Acne keloid Corns Cysts, Tumors, Cysts Moles
- Vitiligo Surgery-Punch grafting, suction blistering
- Dermabrasion- Dermabrasion is a surgical procedure that involves the controlled abrasion (wearing away) of the upper layers of the skin. The procedure requires a local anesthetic. The purpose of dermabrasion is to smooth the skin and, in the process, remove small scars (as from acne), moles (nevi), tattoos or fine wrinkles

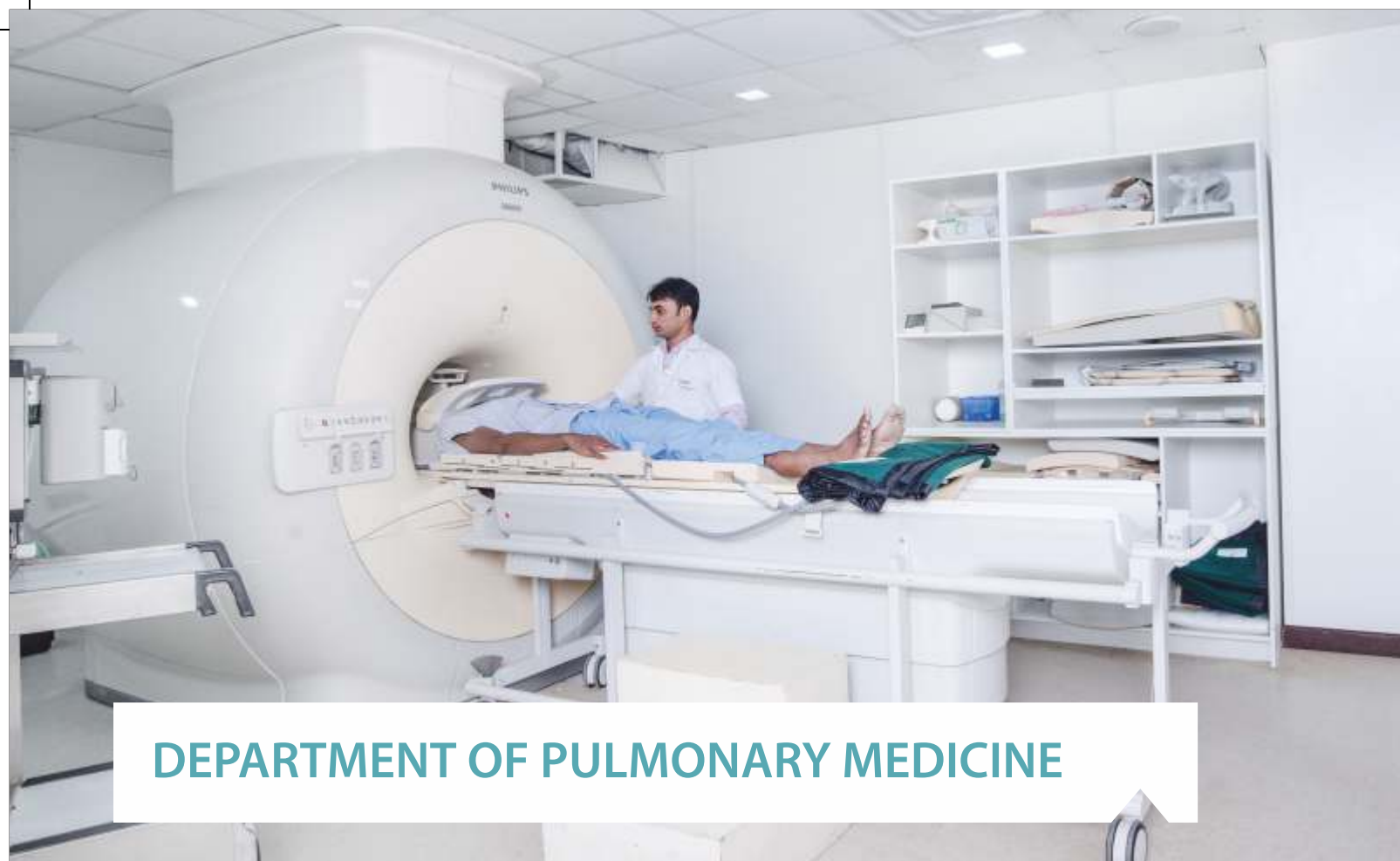
### Academics

The department has very renowned and experienced faculty members. Formal teaching for undergraduate and postgraduate students, in the form of lectures, clinical case studies, demonstration of surgical procedures as well as presentations are carried out as per schedule. The department is very active into academics and regularly publishing papers in national and International journals of repute.

### Course

- MD - Dermatology





## DEPARTMENT OF PULMONARY MEDICINE

Pulmonary medicine is a broad speciality in medicine. It deals primarily with diseases afflicting the lungs. It also encompasses areas like critical care, sleep medicine. The speciality in its formative years dealt mainly with tuberculosis. However in the recent years it has made forays into areas of diagnostics procedures & interventions like bronchoscopy & thoracoscopy. The discipline is a rapidly growing speciality with immense promise and hope for the future. It also works in tandem with government to control tuberculosis as a part of DOTS strategy.

Pulmonologist have made noteworthy contributions to the society in dealing with the menace of tuberculosis over the years. The profile of a pulmonologist is gradually changing to combating allergies, smoking related lung ailments & occupational lung diseases. Pulmonologists are branching into specialities like sleep medicine, critical care, bronchoscopists & allergologists.

Department of Pulmonary Medicine is a tertiary referral centre for pulmonary diseases. The department has done pioneering work & benefited patients in the field of tuberculosis, asthma, allergy, COPD, lung cancers and infectious lung diseases.

The department also boasts of advanced pulmonary function testing systems including FENO- an apparatus introduced for the first time in India for optimizing asthma management. It is also equipped with fiberoptic video bronchoscope for early diagnosis of lung cancer & pneumonias.

There are advanced pulmonary function laboratory including FeNO apparatus & cardiopulmonary pulmonary exercise testing system. High quality video bronchoscope system is also

available. Skin prick allergy testing unit also functions under this department.

With 2 postgraduate seats we have an Indoor of 30 beds and cater to approx. 150 patients per day on an outdoor basis.

### Services Offered

The super-specialty services provided by the department are Interventional Pulmonology (Bronchoscopy) and critical care along with routine procedures, including pleural aspirations and biopsy, inter-costal intubation, CT-guided lung biopsies, BiPap ventilation, etc. We have a high track record of OPD patient satisfaction and indoor admissions, with patient strength going upto 80% of allocated bed-strength. Sleep lab is available and fully functional.

### Faculty

Distinguished faculty from renowned institutes like Patel Chest Institute, MAMC etc. The doctors take active interest in the daily clinical rounds which are both academically and clinically oriented and medical students are exposed to all above facilities.

### Course

- MD- TB Chest



## DEPARTMENT OF PSYCHIATRY

Psychiatry Department at SMS&R is a fully functional department, having qualified teaching faculty from various reputed colleges of India. We have both out-patients as well as in-patients department catering to broad spectrum of psychiatric illness like Schizophrenia, Depression, Bipolar Disorder, Stress related disorders and Child psychiatry.

### Specialty Clinics

- Headache and Psychosexual Clinic: Headache and Psychosexual disorders are widely prevalent and associated with functional overlay. Psychological interventions are major modality to provide relief.
- Child Guidance Clinic: "Children Are The Future Of The Nation". The prevalence of childhood psychiatric problem is increasing in our country and is an area of great concern. The most common disorders are ADHD, Conduct disorders, Substance use disorders, Anxiety disorders, etc. It is important to emphasize on early identification of the problem so that therapeutic intervention can be done. Child Guidance Clinic is being set up to provide quality mental health services to a community in great need by ensuring easy access and promoting early intervention.
- De-Addiction Clinic: "Stop Addiction, Start Living". Addiction is a chronic, often relapsing brain disease that causes compulsive drug seeking and use, despite harmful consequences to the addicted individual and for those around him or her. De-Addiction clinics have started in our hospital to ensure the assessment and treatment of the patient is done so that he and his family live substance free

life and the individual contribute productively in the development of the society.

- Counseling and different types of psychotherapies:
  - » Crisis Intervention
  - » Adolescent behavior management
  - » Psycho-Education
  - » Stress management
  - » Marriage counseling

In the department, UG and PG students have 24 hr availability of friendly and experienced clinicians for help.

### Course

- MD- Psychiatry





## DEPARTMENT OF GENERAL SURGERY

With 8 modular operation theaters, Department of surgery comprises of five units, each headed by eminent professors of surgery from renowned institutes of the country.

The teaching comprises of theory lectures (audiovisual aided), bed-side clinics, demonstration of X-rays, CT, MRI, Pathology specimen followed by discussion in tutorials. The theory lectures are delivered in fully equipped lecture theatre aided by state-of-the-art audiovisual equipment. The bed side teaching is conducted in clinical side room attached to the respective wards. This comprises of history taking, clinical evaluations, and investigations, followed by discussions in patients suffering from surgical disorders.

### **Bed side clinical demonstration of patient to undergraduate students**

Regular seminars are conducted to cite the interesting cases followed by question answer sessions.

Our operation theatres are equipped with close circuit TVs for live demonstration of ongoing surgeries in the OTs. It is also well equipped with audio devices, enabling students to clear their concepts by the operating surgeons. The students are also exposed to minor surgical procedures in minor OT

### **Demonstration of foreign body removal in minor OT**

Students are also posted in small batches in OPD for clinical exposure of patients care. Emergency management of patient is taught to the students in their casualty postings.

### **Academics**

Pedagogy includes audiovisual aided didactic lectures, interactive bedside clinics, group discussions, case presentations, demonstration of X-rays, CT, MRI, Pathology specimen and tutorials. The bed side teaching is conducted in clinical side room attached to the respective wards and comprises of history taking, clinical evaluations and investigations, followed by discussions in patients suffering from surgical disorders. Regular seminars are conducted to cite the interesting cases followed by question answer sessions.

The operation theatres are equipped with close circuit TVs for live demonstration of ongoing surgeries in the OTs. It is also well equipped with audio devices, enabling students to clear their concepts by the operating surgeons. Live demonstration of OT procedures is available in auditorium and lecture halls so that the students can clearly visualize the procedures without crowding in the OTs. The students are also exposed to minor surgical procedures in minor OT. Students are also posted in small batches in OPD for clinical exposure of patient care. Emergency management of patient is taught to the students in their casualty postings.

### **Course**

- MS - General Surgery



## DEPARTMENT OF ORTHOPAEDICS

The Department of Orthopaedics at SMS&R has 90 teaching beds and is dedicated to provide excellent patient care and a comprehensive and integrated orthopedic programme to the medical students. The department is permitted for 6 Postgraduate (MS) seats.

### **Faculty**

The department has a well co-ordinated and supportive team of expert faculty, senior residents, junior residents, surgical staff and dedicated nurses who are available round the clock. There are 3 units of trained faculty from premier institutes of the country.

### **Infrastructure**

The department comprises of three active units running OPD in four spacious rooms equipped with all basic material needed for examination. It has 2 OTs equipped with all the modern gadgets like laminar airflow image intensifier, arthroscopy instrument for all major joints, modern instruments for the management of skeletal trauma, such as AO instrumentation, interlocking nail systems, pneumatic & electric drill system, electric tourniquet system, Boyle's apparatus for anaesthesia, joint replacement instrumentation etc. There are procedure rooms for post operative dressing and minor surgical procedures, plaster room and a minor O.T. for various minor surgical and non surgical procedures. Orthopaedic ward consists of 90 beds for indoor patients, which are divided into preoperative, postoperative and infectious cubicle.

Facilities available are reduction of fracture & plaster application under c-arm, plating, closed pinning, interlocking

nailing, hip fracture fixation, change of ball of hip joint, wiring, pinning, external fixator application, Ilizarov fixation.

Joint replacement surgeries like total knee and hip replacement surgeries are done regularly. Arthroscopic minimally invasive joint surgery is practiced and performed regularly in the department. Arthroscopy is regularly being done for major joints such as knee, shoulder and special focus is on state-of-the-art surgery for ligament reconstruction. Spine surgeries, including laminectomy and spinal fracture fixation are being done regularly in the department. Ilizarov Surgery is specialized modality which is used for treatment of infected / non-infected non unions, limb length discrepancy & deformity correction of limbs.

### **Course**

- MS-Orthopedics





## DEPARTMENT OF RADIOLOGY AND IMAGING

The aim of imparting undergraduate training in Radiology is to develop an understanding and interest in the subject. Knowledge of the subject of radiology is not only important from an academic stand point, but is also essential in the making of a good clinician.

The department of Radiology and Imaging is well equipped with modern and latest diagnostic machines and state-of-the-art equipment for all radiological procedures.

All forms of diagnostic and interventional radiological procedures including sophisticated vascular and neuro interventional procedures are performed. The department has a very active teaching schedule for residents besides conducting refresher courses; it also provides opportunity for Observer ship for those from other departments and elsewhere in the state and country.

### Facilities

In addition to 3 Tesla MRI scan and 128 scan CT machine, the department is also equipped with ultrasound and Color Doppler. It caters to provision of special investigating facilities like I.V.P, Barium Series, HSG etc, ultrasound and CT guided interventional procedures and also providing round the clock facilities including 24 hrs emergency services for X-Ray, Ultrasound and CT Scan (Dual Source), Mammography and MRI (3T). The department also provides bedside X-Ray and portable ultrasound facilities to serious patients.

### Academics

The department is having well experienced faculty dedicated to academics and the students are exposed to all ongoing radiological investigations. The radiology department is permitted for 7 Postgraduate (MD Radiology) seats from MCI/MOHFW and is actively involved in teaching learning, training and research of its students. Regular intradepartmental procedural meetings and inter-departmental Clinico-radiological meets are conducted to discuss interesting cases as well as recent advances.

As part of the department's core areas of focus, the radiology teaching faculty are applying new imaging techniques and technologies as well as minimally invasive image-guided procedures to improve health care delivery with a strong focus on quality, safety and outcomes.

### Course

- MD - Radio Diagnosis



## DEPARTMENT OF ANESTHESIOLOGY

The Department of Anesthesiology forms a key link between surgical team and the patients undergoing surgical procedures. The role of anesthesiologists is becoming more and more challenging with rising of life expectancy and technological advances in the surgical field. Modern anesthesiology today is not restricted to operation theaters but plays an important role in Critical care, Pain therapy, Endoscopy, Cardiac catheterization and other intensive management departments.

The Anesthesiology & Critical Care Department has eight OTs. There are state of the art modular operation theatres with laminar flow and push button control of light and other system. All the OTs are fitted with centralized anesthesia gas delivery system and equipped with modern anesthesia machines.

### Equipment Available

All OT complexes are equipped with advanced monitoring equipments like defibrillator, anesthesia machine and advanced monitors like multi-parameter monitor, Respiratory Gas Monitor (RGM), Peripheral Nerve Stimulator (PNS), Nerve locator, difficult airway kits, Peri-operative anesthesia record. Surgery OT has equipment for Minimal Invasive Surgery and Orthopedics operation theatre is equipped with C-Arm, Mechanical Tourniquets along with other modern operative equipment.

### Faculty

Department of Anesthesiology has a motivated team of faculty and senior residents. Nurses in operation theatre are well trained to assist in major operations and in taking care of

patients requiring intensive care. The department is also involved in teaching undergraduates (MBBS) students and post graduate students as well as in research activities. Students are trained in all techniques during their clinical postings.

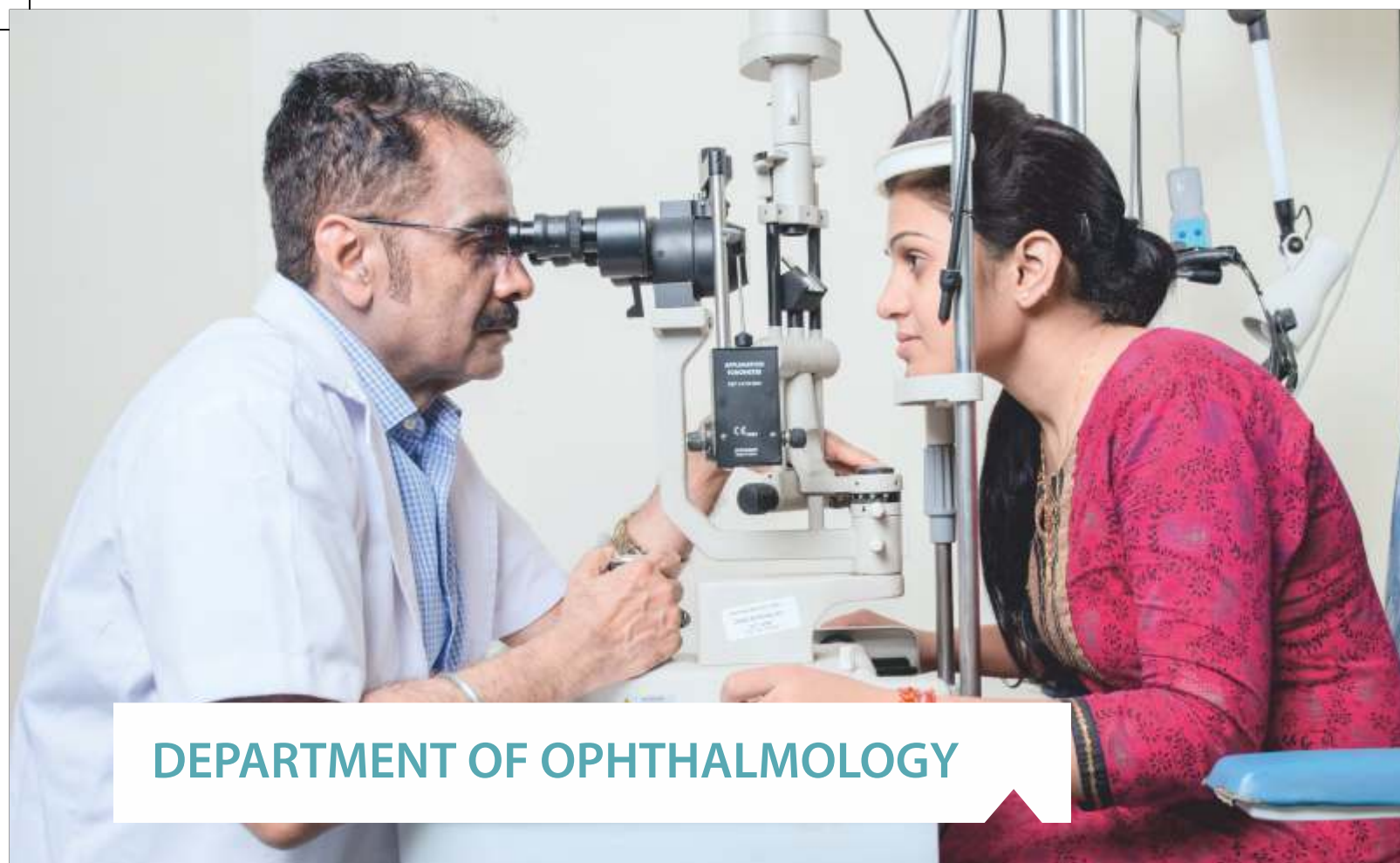
### Services Provided

- Anesthesia : General, Spinal, Epidural, Combined spinal and epidural
- Regional blocks, Local/Field blocks
- Intensive care
- Monitored anesthesia care
- Intra operative and post operative management
- Pre anesthesia checkup
- Acute pain relief services
- Cancer pain management
- Providing services to Casualty department whenever requested
- Anesthesia services outside operation theatre like Radiology department.

### Course

- MD - Anesthesia





## DEPARTMENT OF OPHTHALMOLOGY

The Department of Ophthalmology aims to provide a comprehensive range of medical and surgical eye care to the patients of every age group. The department specializes in treating conditions like Cataract, Glaucoma, Squint, Retinal Diseases, Congenital and Acquired Deformities, Amblyopia, and Paediatric Cataract.

Integrated with sophisticated diagnostic and micro-surgical equipment, the department complies with the best standards of quality to deliver excellent patient care.

The Ophthalmology Department takes great pride in its team of highly experienced surgeons and paramedical experts. The team ensures precision and accuracy of treatment with optimal care and facilities to recover post treatment.

The ophthalmology department has 30 teaching beds and experienced faculty from premier institutes like PGI Chandigarh, AFMC, R&R Hospital etc. It is permitted for intake of two MS ophthalmology seats per year.

### Facilities and equipment available

Sophisticated machines such as Scan Ultrasound Biomedix for evaluation of power in cataract Patients, Synaptophore for asthenopic exercises and diagnosis of squint, Carl Zeiss operating microscope, Phacoemulsification Machine, AMO (USA) and Automated visual field Analyzer Automatic Perimetry). Slit lamps are provided in OPDs and ward.

### Services provided

In addition to providing comprehensive Eye Care and surgical facilities for all the diseases of the eye, the department provides the following specialized services like:

- Cataract surgery: safe & effective phacoemulsification of cataract.
- Squint and Pediatric ophthalmology: Squint correction surgeries, congenital & developmental cataract extraction with IOL implantation, and other pediatric eye diseases.
- Ophthalmoplasty: dealing with cosmetic and functional deformities and abnormalities of the eyelids, the lacrimal system, the orbit.
- Comprehensive Glaucoma management: provided with Applanation tonometry and automated visual field Analyzer.
- Diagnosis and management of retinal and vitreous diseases
- Laser treatment and operative management of blinding diseases like Diabetic retinopathy and Age related macular degeneration.

### Course

- MS - Ophthalmology



## DEPARTMENT OF E.N.T. & HEAD & NECK SURGERY

The department of ENT and Head & Neck Surgery provides comprehensive care to patient with disease of the ear, nose, throat and head and neck, the anatomic limits being the dura above and the pleura below. It provides training to undergraduate (MBBS) as well as postgraduate (MS ENT) students.

### Services provided

The ENT department offers routine diagnostic services for allergy, tumor, audiology, vertigo and has facilities for evaluation and treatment of speech disorders. The Department also performs ear surgeries for deafness, chronic ear discharge, surgery for cosmetic and functional problems of the nose, surgery for head and neck ailments, cancer and facial trauma. The department has facilities for endoscopy, functional endoscopic sinus surgery (FESS), laryngoscopy, esophagoscopy and bronchoscopy & microlaryngeal surgery.

The outpatient department is quite busy and caters to the needs of around 100-150 patients daily. There is a procedure room attached to the outpatient department which is equipped with a microscope, which can be used for diagnostic procedure in Otology. Also available are rigid nasal endoscopes for diagnostic nasal endoscopies.

### Diagnostic Service/Tests

- Endoscopy: This is done for patients with problems such as snoring, laryngeal problems causing hoarseness and some throat problems like cancer of the throat. Rigid nasal endoscopy is done for patients with nose, sinus and nasopharyngeal problems

- Pure tone Audiometry- Hearing test
- Hearing Aid Trial

**Rehabilitation facilities-** in the form of Hearing aid fitting, Speech therapy

### Surgical Procedures

The department has a fully equipped operation theatre facility equipped with operating microscope. Otologic procedures include myringotomy, grommet insertion, Tympanoplasty & MRM. Nasal endoscopes are available in the operation theater to carry out sinus surgery. (functional endoscopic sinus surgery), variety of head and neck surgeries including parotid surgery, Thyroid, Lymphangioma etc.

### Course

- MS - ENT





## DEPARTMENT OF OBSTETRICS & GYNAECOLOGY

The primary objective of this department is to initiate, promote and implement women health by providing them complete support and care. It is well equipped with 90 teaching beds.

A team of well trained Residents doctors cover the labour room and ward 24x7 Hrs . The committed faculty of the department of Obstetrics and Gynaecology offers the highest standards in maternity care.

### Services provided:

- Gynaecology & Antenatal OPDs
- High risk pregnancy clinic
- Infertility clinic
- Cancer detection clinic with facilities for colposcopic evaluation
- Fully equipped labour room with facilities of antepartum and intrapartum fetal surveillance
- Septic labour room
- Eclampsia room
- Fully equipped major and minor OTs for Obstetrics and gynaecological procedures including facilities for laproscopic surgeries
- Family planning services
- Fully equipped IPD
- Updating ourselves with regular department meetings, workshops & CME's 24 hrs emergencies MSR

### Facilities/Equipment

- All modern facilities and equipment for antepartum and intrapartum fetal surveillance
- Colposcope,
- Laproscope
- Imaging Facilities

The department is well supported by specialists of other departments and ancillary services like sonologists, physicians, surgeons, super specialists in managing complicated pregnancies like those associated with diabetes mellitus, heart disease, thyroid disorder, jaundice epilepsy etc. The faculty of the department is well versed in managing all types of obstetric emergencies.

### Academics

Besides being excellent clinicians, our doctors are also excellent teachers and keep themselves abreast with the latest advancement in their specialty. The teaching schedule for the students is well structured and planned as per MCI guidelines. All the faculty members take theory classes regularly and make the subject understandable to the students with the help of audio visual aids. The students are also imparted practical knowledge with live case discussions, symposia, tutorials, seminars and maternity and labour room postings.



## DEPARTMENT OF PAEDIATRICS

The Department of Paediatrics has 3 units with a total of 90 teaching beds. It is permitted for intake of 6 MD paediatric students per year by MCI/MOHFW.

### Faculty

The department has well qualified faculty members trained from reputed institutes like LHMC, MAMC, AFMC etc. The dedicated team of the department includes senior faculty, senior residents, junior residents, surgical staff and dedicated nurses.

### Services provided

The patients seen are children newborn and even preterm babies. This age group is most vulnerable to various types of infections. It provides round-the-clock emergency services to Obstetric department, to resuscitate newborn as well as to other departments in management of nutrition, intravenous fluids and doses of various drugs.

- Neonatology/Perinatology
- Pediatric problems (up to 14 years)
- Adolescent medicine (14 to 18 years)

**Specialized Clinics** are run for new - born, immunization, child guidance, follow-up clinic and neurology clinic.

### Referral, Maternity and Emergency Services

Patients referred from other departments/from outside are being managed round the clock.

### Equipment Available

Centrally Cooled ICUs, Ventilators/Multipara monitors, Defibrillators, Pulse Oximeters, Infusion pumps, Incubators/Open care System, Photo therapies, Nebulizers, Blood Sugar monitoring facility, various weighing scales and many other equipment are available with the department.

### Academics

Students are exposed & trained in all on-going academic activities of the department. The teaching learning process is carried out in the form of lectures, tutorials, seminars and hands on training on patients. Post graduate students undergo rigorous training for outdoor and indoor treatment modalities and are also involved in case presentations, clinical discussions, clinic-pathological and clinic-radiological meets, Journal club presentations, seminars, group discussions, recent advances, Medical audit, Death review, etc.

### Course

- MD - Paediatrics





## MEDICAL EDUCATION UNIT

With an aim to guide and mentor doctors to become good educators, School of Medical Sciences & Research, has a fully functional Medical education unit that regularly conducts faculty development programmes. As recommended by the medical council of India, faculty members trained at Regional center for faculty development, conduct three day basic course workshops in medical education technology. The objective of the workshops is to improve the knowledge and skills of faculty members in teaching and assessment. It aims at sensitization and training of doctors in carrying out their professional tasks, assist clinicians to acquire competency in communication and behavioral skills and update their knowledge using modern information and research methodology tools. This eventually leads to an improvement in the quality of teaching and learning. The entire process contributes to the improved competence of health professionals of the next generation.

In addition, CMEs are also conducted at regular intervals to ensure that faculty members keep abreast of latest know how in medical sciences.



## SCOPE

MBBS is one of the most prestigious degrees offered in the medical field. With the advancement in medical science which has become highly specialized, MBBS degree in itself is not adequate all the time and one is required to acquire a postgraduate degree to become a specialist. However, MBBS Doctors find jobs both in the government and private hospitals, nursing homes, as well as other health facilities. All private and public sector organisations in India and abroad also employ doctors. The combined medical service examination conducted by UPSC offers entry into central government departments like Department of Post and Telecommunication and Railways etc. All wings of the armed forces, state & central government hospitals & various state and central health schemes and NGOs recruit doctors. An MBBS graduate can start his/her own private clinic or nursing home.

The various employment areas for the doctors are listed below.

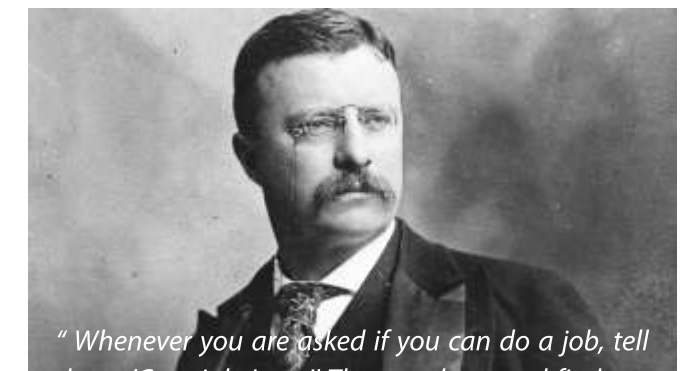
- **Hospitals/Health centres/Nursing home/Polyclinic:** The aspirants can work as doctors in various hospitals/health centres/nursing homes/ polyclinic in government as well as private sector across the country.
- **Medical Colleges:** The candidates after completing MBBS .can undertake jobs in various medical colleges across the country.
- **Non-Profit Organisations:** Some aspirants like to help others. They can work with some non-profit organisations.
- **Pharmaceutical and Biotechnology Companies:** The aspirants can work for research in various pharmaceutical

and biotechnology companies.

- **Private Practice:** The doctors can do private practice.
- **Research Institutes:** The aspirants can work in various research institutes.

### Opportunities abroad after MBBS

There are lots of opportunities for doctors abroad. The medical professionals need to take up the qualifying exam to study or work in any foreign country. Different countries consider different qualifying exams. In the United State of America the medical professionals need to pass USMLE Licensing exam. In Australia and New Zealand, the professionals have to clear MRCP. In the United Kingdom PLAB exam is mandatory.



*" Whenever you are asked if you can do a job, tell them, 'Certainly I can!' Then get busy and find out how to do it."*

**–Theodore Roosevelt**

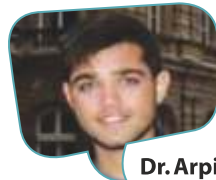


# VIEWS THAT SPEAK EXCELLENCE



**Dr. Agrima Bhatia, MBBS (Batch, 2009)**

The excellence of faculty, strength of infrastructure & facilities, commitment to education have placed our medical school at the forefront of medical education. My journey from the dissection hall to the patient's bedside has been amazing. I have been blessed with the best faculty who nurtured us as saplings.



**Dr. Arpit Jain, MBBS (Batch, 2012)**

I can honestly say that joining SMSR was the best decision I've ever made. Along with the excellent infrastructure, our teachers, who are also our personal mentors, have moulded us in the best possible way to be excellent doctors. Being in campus, I have also been a part of Kartavya, an NGO in the university, where we teach the underprivileged children. It has truly been an experience that has made me grow as an individual.



**Dr. Garima Goyal, MD (Batch, 2013)**

Pursuing my postgraduate (MD) from Sharda University has been a great experience. The medical school and the hospital are both beautifully constructed and adept for providing the rigorous training that this course demands. The regularly held seminars, presentations, CMEs and conferences have led us to be exposed to the upcoming trends and new technologies in use today. We are taught not only the theoretical aspect but also encouraged for practical skill development and skill diversification here.



**Dr. Anisha Kwatra, MBBS (Batch, 2011)**

Winning Maruti Suzuki Autocross Delhi for 4 consecutive years and Chevrolet Seed sprint in 3 states of North India, today I am on a dream drive with stethoscope around my neck. I could accelerate both my careers without brakes only with the help and support from the administration and faculty of SMS&R. This college has some of the best teachers, highly qualified and devoted, putting in all the effort to clear smallest of concepts, paying individual attention. I am glad I chose SMSR.



**Dr. Aprajita Laroia MBBS (Batch, 2012)**

"Work as a team", "Always strive to do better", "Try till you succeed" and "VASUDEV KUTUMBHAM" have been the mottos that have been inculcated in us since day one at SMS & R. Being in campus, I have been a part of variety of co-curricular activities ranging from annual fest "CHORUS" to CME programmes which have just helped me and everybody around to grow and learn for the further life. From the brilliant academic support provided to us by the faculty to the never ending lists of platforms we get to showcase our talent.



## STUDY IN DELHI NCR.



### GREATER NOIDA

#### HUB OF EDUCATION IN DELHI-NCR

Situated adjacent to New Delhi, Greater Noida is one of the fastest developing educational hubs. Home to some of the leading universities in India, Greater Noida sees lots of international students pursuing their career dreams.

India's first ISO 9000-2000 certified city, Greater Noida is amongst the cleanest, greenest and most well planned cities of India. Greater Noida is amongst the selected cities of the world, chosen for F1 Grand Prix Race.

Sharda University campus at Knowledge Park III is the largest in Greater Noida & the entire NCR.



*“Greater Noida integrated township is shaping up as India's smartest city, the National Capital Region's most modern urban development centre and its fastest-developing centre of attraction. It has emerged as a modern model of far-sighted town planning.”*



















# NOTES

# REGIONAL REACH

## SHARDA UNIVERSITY CAMPUS

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THE RLD IS **HERE**.WHERE ARE **YOU?**