



**Your first step towards
a successful career in Healthcare.**



Datta Meghe Institute of Medical Sciences
DEEMED TO BE UNIVERSITY



Accredited with
A+ Grade by
NAAC



Awarded
Category I
University
by UGC



Certificate of
Excellence for
E-Learning



Atal Ranking Of
Institutions On
Innovation
Achievements



MAX
Healthcare

About

Max Healthcare Education

Max Healthcare Education is a part of Max Healthcare Institute Limited (Max Healthcare), which is one of India's leading providers of integrated world-class healthcare services. It has a network of 17 state-of-the-art, patient-centric healthcare facilities (3400+ beds) spread across the National Capital Region (NCR) and states of Punjab, Uttarakhand, and Maharashtra.

Apart from hospitals, Max Healthcare also operates Max@Home, which delivers the best health and wellness services at the doorstep, and Max Lab, that provides pathology services.

Committed to the highest standards of medical and service excellence, patient care & scientific and medical education, Max Healthcare leads with our purpose 'To Serve & To Excel' in everything we do.



Max Healthcare Education Advantage



Instructor Led Classroom Training

Our well-trained faculty follows a well-defined curriculum and elevates the classroom training method to the next level. Learning tools such as 3D Models, PowerPoint Presentations, and Group Discussions among students make the classroom more interactive and exciting.



2D/3D Classroom

Seeing and learning make it simple to understand the concept. Max Healthcare Education 2D/3D technology-enabled classroom is the first smart classroom in the Allied Healthcare Education domain.



Video & Online Content

Max Healthcare Education also uses videos in the classroom to amplify learning. Videos always help students gain deeper understanding of the subject.



App for Learning

Through its learning application, Max Healthcare Education has revolutionized education. Applications make learning more enjoyable for students and make it easier for them to grasp the content.



Clinical Posting

Students are placed in reputable hospitals for clinical posting under the supervision of doctors, technicians, and faculty.



In-house Training Labs

Students are prepared for real-world hospital exposure and career development, learning while performing experiments in a well-equipped laboratory.



Doctors Live/Expert Talk

The technical role and scope in the healthcare business are better understood through live interaction sessions with doctors and professionals.



100% placement Assistance

Placement is what makes a career after completing a programme. At Max Healthcare Education, we ensure that each student receives suitable guidance until they are placed.



Degree Programmes

Our Bachelor's Degree programmes are beneficial to students who want to pursue a career in Allied Healthcare and learn the practical component of the academic Programme in a multi-specialty healthcare setting.

Our Medical Laboratory Technology, Radiology Imaging Technology, Dialysis Therapy, and Operation Theatre Technology Programme include a more significant practical learning component than traditional bachelor's degree programmes. It enables students to obtain in-depth knowledge of their particular disciplines as well as skills on using high end medical equipment. With us students receive a first-class education with a focus on practical skills and professional relevance.

B.Sc. in Medical Laboratory Technology

B.Sc. in Medical Laboratory Technology offers candidates in-depth knowledge about the laboratory equipment and its usage in diagnostic procedures. Students who aim for a career in laboratory management, advancement in laboratories, and instrumentation should opt for this programme. Medical technology being one of the fastest growing fields in the healthcare sector, faces high demand for qualified professionals for the treatment of rapidly growing diseases with the aid of various technical equipment. B.Sc. in MLT degree helps aspirants gain practical and technical knowledge for the right diagnosis and know how to effectively run medical laboratories.

Duration: 3 years

Eligibility: 12th pass with PCB/PCM (Candidates who are awaiting their class 12th results can also apply)

Age Limit: The candidate must have attained the age of 17 years of age in the year of admission.

Affiliation: Datta Meghe Institute of Medical Sciences (DMIMS)

Career Opportunities

BSc in Medical Laboratory Technology may open up job opportunities in various sectors like:

- Medical Laboratory Technicians find employment in pathology laboratories, research laboratories, urology laboratories, hospitals and other related healthcare facilities.
- Most commonly known divisions of laboratories where Medical Laboratory Technician's work includes blood banking, clinical chemistry, haematology, immunology, microbiology, cytotechnology, urine analysis, blood sampling, etc.
- They can also work as Research Scholars / Scientists in Research & development laboratories.

Programme Content

YEAR 1

- Human Anatomy and Physiology
- General Microbiology
- Clinical Pathology
- General Biochemistry
- Clinical Hematology
- Serology, Virology and Parasitology
- Cytology
- Professional English & Effective Communication Skills

YEAR 2

- Hematology and Blood Banking
- Clinical Biochemistry
- Virology and Serology
- Bacteriology, Immunology and Parasitology
- Clinical Biochemistry
- Basic and Clinical Pharmacology
- Community Medicine



- Histopathology and Cytology
- Chemotherapy
- Personality Development, Customer Relationship Management & Grooming

YEAR 3

- Clinical Hematology
- Virology, Mycology and Applied Microbiology
- Toxicology and Molecular Biology
- Histopathology and Cytopathology Techniques
- Biochemistry
- Blood Bank
- Immunopathology
- Basics of Hospital Information System (HIS) – Medical Software Applications
- Interview & Group Discussion Skills, Change & Stress Management

Career Graph



B.Sc. in Dialysis Therapy Technology

B.Sc. in Dialysis Therapy Technology is a three-year programme that educates students to become certified dialysis technicians who work in hospitals to give specialized treatment to renal failure patients. Dialysis is a life-sustaining therapy for chronic kidney failure patients who are awaiting a kidney transplant. Dialysis technicians play a critical role in alleviating the suffering of such patients and assisting in improving their quality of life by working closely with nephrologists to provide dialysis and other preparation treatments, such as machine maintenance and complication management during dialysis etc. This is a rapidly growing sector, with many patients in need of such care both in India and around the world.

Duration: 3 years

Eligibility: 12th pass with PCB/PCM (Candidates who are awaiting their class 12th results can also apply)

Age Limit: The candidate must have attained the age of 17 years of age in the year of admission.

Affiliation: Datta Meghe Institute of Medical Sciences (DMIMS)

Career Opportunities

Dialysis Technicians are responsible for assembling and maintaining dialysis machines, monitoring patients undergoing dialysis treatment, and maintaining the highest safety and cleanliness standards when operating the machines. With the growth in the number of renal disease patients, growth opportunities are immense. Acquiring knowledge of modern research techniques and familiarising themselves with the recent advances in dialysis therapies will lead to a gainful employment in nephrologist's clinics, dialysis centres, government and private hospitals and other related institutions. Sales roles with dialysis machine manufacturers and pharmaceutical companies working in complimentary services are also available for qualified professionals. There is a huge demand of experienced dialysis professionals in the USA, UK, Middle East and other developed nations.

Programme Content

YEAR 1

- History and Types of Dialysis
- Principles of Dialysis
- Human Anatomy and Physiology
- Basics of Healthcare
- Basics of Dialysis Techniques
- Renal Diseases
- Anticoagulation
- Vascular Access
- Professional English & Effective Communication Skills

YEAR 2

- Medical Terminologies
- Concepts of Dialysis and Nutrition
- Dialysis Technology with Pharmacology
- Applied Microbiology and Pathology in Renal Therapy



- Dialyzer and Dialyzer Reprocessing
- Peritoneal Dialysis
- Sterile Techniques of Dialysis
- Complications in Dialysis
- Management of Complications of Dialysis
- Personality Development, Customer Relationship Management & Grooming

YEAR 3

- Applied biochemistry in Renal therapy
- Water Treatment System
- Advance Techniques in Dialysis
- Renal Transplantation
- Adequacy of Dialysis
- Continuous Renal Replacement Therapy
- Applied Pathology of Dialysis Therapy
- Dialysis Equipment and System
- Basics of Hospital Information System (HIS) – Medical Software Applications
- Interview & Group Discussion Skills, Change & Stress Management

Career Graph



B.Sc. in Medical Radiology Imaging Technology

B.Sc. in Medical Radiology Imaging Technology emphasizes on creating trained technical professionals who have acquired the prescribed skills in radiology and imaging technology which constitutes the screening procedures such as X-ray Technology, Ultrasound Technology, CT-Scanning and MRI. To help doctors treat their patients, students will learn the fundamental concepts through practical instructions and technique demonstrations. All major treatment procedures need imaging diagnostic reports for effective treatment showcasing the importance of qualified and skilled radiology professionals.

Duration: 3 years

Eligibility: 12th pass with PCB/PCM (Candidates who are awaiting their class 12th results can also apply)

Age Limit: The candidate must have attained the age of 17 years of age in the year of admission.

Affiliation: Datta Meghe Institute of Medical Sciences (DMIMS)

Career Opportunities

Radiology Technicians are responsible to perform diagnostic imaging procedures, evaluate patients' medical histories, interpret test results, use radiation safety measures and protection devices to comply with government regulations and ensure the safety of patients and staff. They operate or oversee the operation of radiologic or magnetic imaging equipment to produce images of the body for diagnostic purposes and enter data into the system and maintain records.

Due to high demand and the growing healthcare sector, Radiology Technician can start and grow in following roles:

- Radiology Technician
- Radiology Assistant
- Radiology Technologist
- Mammography Technologist
- MRI Technician
- CT Technician / CAT Scan Technologist
- Lecturer/Tutor

Programme Content

YEAR 1

- Human Anatomy & Physiology
- Pathology Relevant to Radiology
- General Physics
- Radiation Physics & Physics of Diagnostic Radiology
- Radio diagnosis, Equipment Maintenance and Quality Control
- Professional English & Effective Communication Skills



YEAR 2

- Clinical Radiography
- X-ray Film / Image processing Techniques (Dark Room Techniques)
- Contrast & Special Radiography procedures
- X-ray Positioning, Dark Room Techniques & Contrast Procedures
- Personality Development, Customer Relationship Management & Grooming

YEAR 3

- Equipments of Modern Imaging Modalities
- Modern Imaging Techniques and Recent Trends in Imaging
- Radiobiology & Radiation Safety
- Quality Control in Radiology
- Medical Ethics
- Basics of Hospital Information System (HIS) – Medical Software Applications
- Interview & Group Discussion Skills, Change & Stress Management

Career Graph



B.Sc. in Operation Theatre Technology

B.Sc. Operation Theatre Technology has advanced tremendously in many different ways, both scientifically and technologically. More and more advanced surgeries are being performed on patients, from newborn babies to geriatric patients. The equipment required to provide anaesthesia and perform many surgeries has become more sophisticated and specialized. The operation theatre technologist assists the surgeons in the various procedures required for administering anaesthesia and in setting up the anaesthetic and monitoring equipment in the operation theatre. They are also involved with regular maintenance and upkeep of the anaesthetic equipment and monitoring devices.

Duration: 3 years

Eligibility: 12th pass with PCB/PCM (Candidates who are awaiting their class 12th results can also apply)

Age Limit: The candidate must have attained the age of 17 years of age in the year of admission.

Affiliation: Datta Meghe Institute of Medical Sciences (DMIMS)

Career Opportunities

With a comprehensive overview of anatomy, physiology, biochemistry, pharmacology, anaesthesia Technique and drugs, emergency management, surgical technique, microbiology, medicine, general nursing principles, sterilization techniques and ethics, OT Technicians are exposed to work in the surgery and Intensive Care Units. Young professionals are taught the basics of anaesthetic management in specialities such as Obstetrics, Paediatrics, Neurosurgery, Orthopaedic and General Surgery and given ample practical experience in all these areas. Following is the list of important roles in which an OT technician can kick start their career:

- OT Technician
- CSSD Technician
- Anaesthetist Consultant
- OT Assistant
- OT Manager
- OT In-charge
- OT Head
- Anaesthetic Supervisor
- OT Supervisor
- Emergency Technician
- Departmental Specific Technician (Gynecological, Orthopaedics, Laparoscopic, ENT and other)
- Scrub Technician

Programme Content

YEAR 1

- Basic Human Sciences (Anatomy, Physiology, Biochemistry, Pathology, Microbiology)
- Applied Pharmacology
- Applied Pathology
- Applied Microbiology
- Applied Physics
- Professional English & Effective Communication Skills



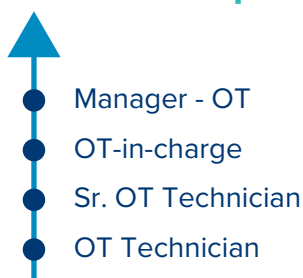
YEAR 2

- Introduction to Operation Theatre Technology
- Anaesthesia and Drugs
- Pharmacology
- OT Skills and Equipment Management
- CSSD
- Sociology
- Environmental Science and Health
- Basics of Anaesthesia
- Basics of Surgery
- Personality Development, Customer Relationship Management & Grooming

YEAR 3

- Operation Theatre Technology - Applied
- Operation Theatre Technology - Advanced
- Bio-Statistics and Research Methodology
- Anaesthesia – Advanced
- Emergency Medicine and Critical Care
- Surgical Technique
- Medical Ethics
- Basics of Hospital Information System (HIS) – Medical Software Applications
- Interview & Group Discussion Skills, Change & Stress Management

Career Graph



B.Sc. Optometry

BSc Optometry programme opens a wide variety of career opportunities to the graduates. They can work in a variety of settings such as primary healthcare, corporate, public sector or even move into research and academics. Earlier optometry was limited to fitting eyeglasses, whereas today, optometrists also examine and help diagnose diseases of the eye. In addition to providing glasses, Optometrist provides corrective devices such as contact lenses and devices to support low vision. Optometrists, as primary healthcare. Practitioners are often the first ones to catch the changes in the eye due to diseases such as diabetes and arteriosclerosis, leading to early diagnosis and treatment. Today ophthalmologists and optometrists work as a team. Optometry students can choose general practice or select such specialties as contact lenses, vision therapy, and orthotics, learning disabilities, pediatrics and occupational vision.

Duration: 3 years

Eligibility: 12th pass with PCB/PCM (Candidates who are awaiting their class 12th results can also apply)

Age Limit: The candidate must have attained the age of 17 years of age in the year of admission.

University/Institution: Datta Meghe Institute of Medical Sciences (DMIMS)

SEMESTER - 1

1. Prose and Communication Skills
2. General Anatomy and Physiology
3. General and Ocular Biochemistry
4. Geometrical Optics
5. Nutrition
6. Basics of Computer

SEMESTER - 2

1. Prose, Extensive Reading and Communication Skills
2. Ocular Anatomy
3. Ocular Physiology
4. Physical Optics
5. Microbiology & Pathology
6. Environmental Studies

SEMESTER - 3

1. Communicative Skills
2. Visual Optics
3. Ocular Disease I
4. Optometric Instruments I
5. General and Ocular Pharmacology
6. Clinical Examination of Visual System

SEMESTER - 4

1. Employability Skills
2. Optometric Optics
3. Ocular Diseases – II
4. Optometric Instrumentation – II
5. Value Added Education



SEMESTER - 5

1. Contact Lenses – I
2. Binocular Vision – I
3. Pediatric Optometry and Geriatric Optometry
4. Dispensing Optics
5. Public Health and Community Optometry
6. Biostatistics
7. Basics of Eye Care Management - I

SEMESTER - 6

1. Contact Lenses – II
2. Binocular Vision – II
3. Low Vision Aids
4. Occupational Optometry
5. Systemic Diseases Affecting the Eye
6. Basics of Eye Care Management - II

Career Graph





Post Graduate Programmes

Our postgraduate degree programmes are beneficial to students who want to pursue specialization in their field.

Our MSc Programmes include a more significant practical learning component than traditional postgraduate degree programmes. It enables students to obtain in-depth knowledge of their particular disciplines as well as skills on using high end medical equipment.

With us students receive a first- class education with a focus on practical skills and professional relevance.

PROGRAMME - 1

M.Sc. in Clinical Research

M.Sc. Clinical Research is composed of different experiments and research on the Humans. It is a broad concept and different elements including research activities in the clinic, study of drugs and medicine management, manufacture of medicine and drugs, determination of the appropriate dosages of drugs for the human body, and impacts of specific drugs or medicines on the human body, etc. M.Sc. Clinical Research is an advanced study of the sub-specialties of research design, Data Management, Epidemiology, and Biostatistics. This programme is also concerned with furnishing practical knowledge and skills as well as theoretical aspects of the programme. So pursuing M.Sc. Clinical Research, the students can practice their research from the Post-Graduate level of study. M.Sc. Clinical Research by its invention tendency is more cautious about the safety and side effects of the drugs and medicines to the human body.

Duration: 2 years

Eligibility: The candidate has passed the B.Sc./M.Sc. Life Sciences, B. Pharm, M. Pharm, BAMS, BDS, BHMS or any Medical Graduate or equivalent from recognized University.

Age Limit: No

University/Institution: Datta Meghe Institute of Medical Sciences (DMIMS, DU)

Career Opportunities

A masters degree in clinical research may open up job opportunities in various posts like:

- Programmer - Clinical Research
- Clinical Research Associate
- Project Manager - Clinical Research
- Clinical Research Physician
- Clinical Research Coordinator
- Clinical Research Analyst
- Biostatistician
- Project Manager - Clinical Research

Career Graph



PROGRAMME - 2

M.Sc. in Clinical Embryology

Clinical Embryology is a stream of biology which mainly focuses on the study of fertilisation of eggs and the healthy development of the embryos. Specialised doctors working in the field of Clinical Embryology are known as embryologists. An embryologist focuses on the creation of embryos outside the mother's womb with the help of sperm and eggs. Therefore, they play a very critical role in the lives of couples devoid with naturally conceiving abilities. In a country, like India, where a massive population has been facing issues like infertility, embryologists are often considered as life-savers for families and couples. Eminent medical institutions and organisations have been offering multiple programme in Clinical Embryology programme to help raise exceptional medical practitioners for the future.

Duration: 2 years

Eligibility: The candidate has passed the B.Sc Life Science (Zoology, Biotechnology, Microbiology, MLT), B. Pharm, any Medical Graduate or equivalent from recognized University.

Age Limit: No

University/Institution: Datta Meghe Institute of Medical Sciences

Career Opportunities

After the completion of a master's program in clinical embryology, an aspirant can pursue further research studies focusing on reproductive and biological sciences. Moreover, a candidate can also research further in the field of biomedical sciences through the assistance of reproduction or clinical work industries. A career in Clinical Embryology is always considered as a very noble job. The pay that such a programme offers is usually very high due to the high demand for such fertility specialists. Thus, carrying out the job of a clinical embryologist is definitely worth the toil and comes with innumerable benefits, along with the satisfaction of helping another human being.

- Opportunity to learn advanced skills like ICSI, vitrification, thawing, Embryo transfer from an experienced embryologist.
- Golden opportunity to become a qualified embryologist from one of the best institutions in the country.
- Boost up your career and open up chances to go overseas with M.Sc Clinical Embryology.



Student Success Stories



Bhawna

(Placement: DCDC, ESIC Model Hospital, Noida)

Our institute not only prepares you as a technician in dialysis but also prepares you to develop your career. This institute teaches you to think critically in every situation. It expands your knowledge of the dialysis field and can open opportunities in any medical field you may want to pursue in the future. This institute also prepares to give the best patient care and gives 100% placement support.



Brijesh Pathak

(Placement: Mitra Industries Pvt. Ltd.)

I like that faculty taught so much and made it so easy to understand. The course is awesome. I couldn't ask for anymore. This was the most beneficial course I have ever taken. Thank you for everything.



Chhaya Rajput

(Placement: Park Hospital, Palam Vihar, Gurgaon)

My experience is wonderful and enriching. I discovered my true confidence with the guidance of the teachers. This institute has a good learning environment and faculties are very cooperative, supportive and friendly. I have been very fortunate enough to be measured by my faculty; their expert knowledge helped me to understand the subjects better. My advice to all of my friends is to study hard, concentrate and leave the rest to the institute.



Gagandeep Lodhi Rajput

(Placement: DCDC, Venkateshwar Hospital, Dwarka)

I learned how to do dialysis of patients, and how to safely handle the dialysis machine and equipments. I have learned well in the diploma course because of the industry-oriented course design and curriculum. Today, I am a successful dialysis technician and working with one of the reputed chain of dialysis centres.



Priyanka Haldar

(Placement: Epitome Kidney Urology Institute and Lions Hospital)

Our institute was exactly what I needed. The classes were practical, educational and fun! I was able to get hands-on experience and apply everything I learned from the class. The combination of theory classes and clinical posting that institute provided was beyond my expectation. Best experience with the placement team. Thank you so much.



Sakshi Sharma

(Placement: Narayana Superspeciality Hospital)

It's my privilege that still I am a part of "Max Healthcare Institute". They give their level best to the student, and they are giving us a chance to grow with them. I learned lots of things with Max Healthcare Institute. Last but not least, I am thankful for the entire Max Healthcare Institute team to shape leaders.



Saumya Tiwari

(Placement: Sunrise Hospital)

I must say, aside from the excellent training I received, what made the institute exceptional was the caring attitude and personal attention from the staff. Also, you will not find people more passionate and excited to teach as the instructors. Thank you for everything.



Charu Sharma

(Placement: Ganesh Ortho Trauma and Medical Centre)

I find the work we do as radiology technicians fascinating every day. And it is constantly being improved with new technologies changing the world of healthcare. My decision to join this course at this institute made me a technician. I get to do something I enjoy. I am proud of it, and that helps to make a difference.



Deepak Kumar

(Placement: Sunrise Hospital)

I am very grateful that I joined this institute where learning is integrated with fun. I feel empowered, and the confidence I have at work is because of what I learned from this institute. My teacher and supervisors are not only knowledgeable but also clinically experienced. Being in this institute is real blessing to me, and I couldn't stop sharing it with people I know.



Himanshu Kiraula

(Placement: Max Healthcare)

I studied in the Vaishali centre. It was a good experience while studying here. The faculty was supportive also management was good.



Mohit Baisla

(Placement: Vidhya Bhim Institute of Paramedical)

The institute has helped me a lot in learning how to be the best technician in the field. They give you vast knowledge about the theories and principles, and they teach you the skills that are essential in taking care of your patients. All in all, I had a great experience in getting my education at this institute.



Nisha Shah

(Placement: Medibird Diagnostics)

Our institute and its faculties have put in all the efforts to groom us and make us the best technician for corporate hospitals. It was a wonderful experience studying at this institute.



Prachi Chaudhary

(Placement: Clearmedi Hospital)

The last two years with the institute have been the most rewarding years of my life and profession. The faculty and placement department serves as a mentor to us and ensures that deserving students have different work opportunities. I've never encountered such excellent teaching methods, and our clinical posting during the academic year is a critical component for students. I'm working with clearmedi hospital, thanks to my institute.



Our Centres



VAISHALI

Max Healthcare Education, Vaishali

3rd Floor, VC- 2, Mahalaxmi Plaza,
Sector-3, Vaishali, Ghaziabad (UP)
Nearest Metro: Vaishali
Landmark: Aaykar Bhawan



ROHINI

Max Healthcare Education, Rohini

2nd Floor, Kings Mall, Sector 10, Rohini,
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www.maxhealthcare.in