



INDO GLOBAL
GROUP OF COLLEGES
NEW CHANDIGARH

Imparting Skills, Building Leaders



**OFFERING YOU
PARA MEDICAL**



DURATION 4 YRS BSc MLS/MLT

(Bachelor of Science in Medical Laboratory Sciences/Technology)



INTRODUCTION

Indo Global College of Management and Technology offers 4 years (8 semesters) Bachelors of Science (B.Sc.) in Medical Laboratory Sciences, affiliated with IKG Punjab Technical University, Jalandhar & approved by Govt of Punjab.

ELIGIBILITY CRITERIA

Passing of 10+2 examination with Physics & Chemistry as compulsory subjects and either Mathematics or Biology from recognized Board / University / Council or 10+2 with vocational course in Medical Laboratory Science / Medical Laboratory Technology with atleast 50% marks (45% marks in case of candidate belonging to Reserved Category) in aggregate.

LATERAL ENTRY

All those candidates who have passed after Diploma in MLS or MLT or Pharmacy from recognized board are eligible for lateral entry.

Why IGC: YOUR DEGREE FROM GOVT. UNIVERSITY!

IGCMT provides excellent infrastructure, well Qualified & experienced faculty, classrooms, laboratories, Wi-fi campus, Computer rooms, Library, Gym, Sports Centre, Cafeteria & hostel facilities (separate for boys & girls) to provide hands on learning. Graduated students are fully capable to demonstrate proper techniques in collecting, testing, sampling, handling, analyzing, reporting and documentation of all biological specimens & investigations in the labs.

COURSE & SCOPE

MLS is a branch of medical science in performing clinical laboratory investigations which is the first step of diagnosis of any disease followed with treatment and prevention.

MLS plays an important role in the medical field. This course provides great learning to students for diagnosis of various diseases through the use of Hematological, Immunological, Microscopical, and Bacteriological techniques.

Course emphasizes on the modernization in the theoretical and practical learning techniques with focus on:

- Microbiology
- Clinical chemistry
- Pathology
- Histology
- Hematology
- Molecular biology
- Immunology & Mycology

CAREER PROSPECTS:

BSC MLS course equips all graduates with basic and advanced skills to practice as laboratory professionals in health administration and management. The students are ready for careers in the diagnostics labs ,Hospitals ,Health Centres and can also start their own medical laboratory for clinical investigation of various diseases as:-

- Laboratory Manager
- Laboratory Information System Analyst
- Health Care Administrator/ Manager
- Hospital Outreach Coordinator
- Quality Manager
- Regulatory Affairs Officer

INTERNSHIP/TRAININGS:- IGCMT has various tie-ups with Govt/Private Hospitals /Laboratories/Health Centres to provide Internship or Trainings to students.

DURATION 2 YRS

MASTER OF SCIENCE (M.Sc) IN MEDICAL LABORATORY SCIENCE–BIOCHEMISTRY

ELIGIBILITY CRITERIA

Passing of Bachelor's degree in Medical Lab Technology or Medical Lab Sciences from a University recognized by UGC.

Details of Program:

Master of Science (M.Sc.) in Medical Laboratory Science–Biochemistry is a postgraduatelevel program designed to equip students with comprehensive knowledge and advanced technical expertise in the field of laboratory medicine & clinical biochemistry. This program is ideal for individuals seeking to enhance their skills, broaden their understanding, and become proficient leaders in the domain of clinical laboratory science and clinical biochemistry. It offers an indepth curriculum that integrates theoretical knowledge with practical training, focusing on core areas such as diagnostic techniques, clinical biochemistry and immunology, molecular biology, microbiology, hematology etc.

DURATION 4 YRS

BSc RADIOLOGY AND IMAGING TECHNOLOGY



INTRODUCTION

Indo Global College of Management and Technology offers 4 years (8 semesters) BSc Radiology and Imaging Technology, affiliated with IKG Punjab Technical University, Jalandhar & approved by Govt of Punjab.

ELIGIBILITY CRITERIA

Passing of 10+2 examination with Medical Stream with at least 50% aggregate and (45% incase of reserved category from any recognized board of school education OR

Having passed Diploma in Medical Radiology and Imaging Technology with minimum aggregate of 50% marks

Why IGC: YOUR DEGREE FROM GOVT. UNIVERSITY!

IGCMT provides excellent infrastructure, well Qualified & experienced faculty, classrooms, laboratories, Wi-fi campus, Computer rooms, Library, Gym, Sports Centre, Cafeteria & hostel facilities (separate for boys & girls) to provide hands on learning. Graduated students are fully capable to demonstrate proper techniques in collecting, testing, sampling, handling, analyzing, reporting and documentation of all biological specimens & investigations in the labs.

COURSE & SCOPE

Radiology and Imaging Technology (MRIT) is a 4 year degree course which deals with different imaging techniques and sophisticated equipment to produce high quality images during any injury or disease. Various techniques including: X-rays, Mammography, Fluoroscopy, CT (computed tomography), MRI (magnetic resonance imaging), DEXA, Angiography etc are used in MRIT.

In this program, student experiences hands-on learning in Radio diagnosis and Imaging. Students will learn & perform various techniques of whole body X-rays including interventional procedures including Barium studies, Intravenous procedures, HSG, RGU and MCU etc., and also various scanning procedures of CT and MRI. The course is designed in a way keeping in mind the practical advancement of the education.

CAREER PROSPECTS:

BSc- Radiology and Imaging Technology course provides readiness to all students to enter as professionals in health administration and management and take positions as:-

- Diagnostic Radiographer Radiation Therapy Educator
- Radiation Protection Specialist
- Radiation Therapy Team Supervisor
- Radiation Therapy Technologist
- Radiation Therapy Treatment Researcher
- Therapy Radiographer
- X-Ray Technician

INTERNSHIP/TRAININGS:- IGCMT has various tie-ups with Govt/Private Hospitals /Laboratories/Health Centres to provide Internship or Trainings to students.

DURATION 2 YRS

MASTER OF SCIENCE (M.Sc) IN RADIOLOGY AND IMAGING TECHNOLOGY

ELIGIBILITY CRITERIA

Passing of B.Sc. in Medical Radiology & Imaging Technology / B.Sc. Radio Diagnosis and Imaging / B.Sc. Radiological Technology / B.Sc. in Radiography / B.Sc. Medical Technology (X-ray) with a minimum 50% marks (45% in case of reserve category) in aggregate from a recognized university by UGC.

Details of Program:

Master of Science (M.Sc.) in Radiology and Imaging Technology is a postgraduate program designed to equip students with the skills to apply advanced technology for visualizing, analyzing and interpreting the complex structure of the human body. This program focuses on the principles, methodologies, techniques, applications, advancements and innovations related to diagnostic imaging modalities such as X-ray radiography, Computed tomography (CT), Magnetic resonance imaging (MRI), Nuclear medicine, Positron emission tomography (PET), ultrasound, other emerging imaging technologies, Radiation safety etc.

DURATION 4 YRS

B.Sc (OTT) OPERATION THEATRE TECHNOLOGY



INTRODUCTION

Indo Global College of Management and Technology offers 4 years (8 semesters) BSc Operation Theatre technology, affiliated with IKG Punjab Technical University, Jalandhar & approved by Govt of Punjab.

ELIGIBILITY CRITERIA

Passing of 10+2 examination with 50% marks (45% marks in case of candidate belonging to Reserved Category) with Physics & Chemistry & Biology from recognized Board/ University.

Why IGC: YOUR DEGREE FROM GOVT. UNIVERSITY!

IGCMT provides excellent infrastructure, well Qualified & experienced faculty, classrooms, laboratories, Wi-fi campus, Computer rooms, Library, Gym, Sports Centre, Cafeteria & hostel facilities (separate for boys & girls) to provide hands on learning. Graduated students are fully capable to demonstrate proper techniques in collecting, testing, sampling, handling, analyzing, reporting and documentation of all biological specimens & investigations in the labs.

COURSE & SCOPE

B.Sc Operation theatre technology is a 4 year undergraduate degree offered by Indo Global Group of Colleges. It will equip the students with the knowledge and hands on skill of proper care, handling and dosage of anesthesia and anesthetic machinery as well as patients undergoing surgery.

The students in this field are imparted extensive knowledge of Operation Theatre techniques, instruments, supplies, and technology. A graduate in Operation Theatre Technology is meeting the demand of the growing needs of experts in the fields of operation theatre management, medical ethics, and post-operation care. A wider scope of Operation Theatre Technology is quite prominent in transplant teams, orthopedic clinics, gynecology sections, cancer units, surgery, special care baby units.

CAREER PROSPECTS:

Graduates are hired for research, education and training. Some of the professionals are privately hired by doctors, surgeons, physicians or dentists who perform surgery of the patients. The paramedical aspirants are prone to higher and better quality of career opportunities in the field.

- Operation Theatre Technologist
- Operation Theatre Technician
- Lead Medical Instrument Technician
- Perioperative Care Technician

MANDATORY INTERNSHIP :- IGCMT has various tie-ups with Govt/Private Hospitals / Laboratories/ Health Centres to provide Internship or Training to students.

DURATION 4 YRS

BACHELOR OF SCIENCE (B.Sc) IN CARDIAC CARE TECHNOLOGY

ELIGIBILITY CRITERIA

Passing of 10+2 examination with Medical Stream at least 50% marks in aggregate and (45% marks in aggregate in case of candidate belonging to reserved category) from any recognized board of school education OR

Diploma in Cardiac Care Technology with minimum 50% marks in aggregate from any recognized board

Details of Program:

Bachelor of Science (B.Sc.) in Cardiac Care Technology is an undergraduate program aimed at preparing students for careers in the field of cardiac healthcare and technology. This course provides a strong foundation in the knowledge and practical skills necessary to support the diagnosis, treatment, and management of cardiovascular diseases in a variety of clinical environments.

B.Pharmacy (subject to approval from authorities)

Campus Address:

INDO GLOBAL GROUP OF COLLEGES

New Chandigarh, Abhipur -140109, Dist Mohali (Punjab)
Phone: 0160-5036000
Website: www.igef.net
Email: contact@igef.net

Correspondence Address: # 244, Sector - 16, Chandigarh - 160015

HELPLINE: 730 72 11 222

Website: www.igef.net