

# Presidency School of Allied Health Sciences

Aspire. Believe. Become.



#### Introduction

Presidency School of Allied Health Sciences has been established to cater to the growing need for a health workforce and to facilitate the needs of the ecosystem of health care, which also includes assisting, facilitating and complementing the work of physicians and other health care specialists.

### **Career Options**

#### B.Sc. in Anaesthesia and Operation Theatre Technology (AOTT)

Operation Theatre (Assistant/ Team Leader/ Manager)

#### B.Sc. in Medical Laboratory Technology (MLT)

- Medical Laboratory Technician
- Lab Technologist
- Lab Supervisor
- Clinical Research Manager

#### B.Sc. Cardiac Care Technology (CCT)

- Cardiac Technologist
- Cardiac Sonographer
- Cardiac Rehabilitation Specialist
- Healthcare Administrator
- Clinical Research Assistant





#### B.Sc. Respiratory Care Technology (RCT)

- Respiratory Therapist
- Clinical Educators
- Sleep Technologists

#### Medical Radiology and Imaging Technology (MRIT)

- Radiologic Technologist
- MRI Technologist
- CT Technologist
- Ultrasound Technologist
- Nuclear Medicine Technologist
- Radiation Therapist
- Healthcare Educator

#### Bachelor of Physiotherapy (BPT)

- Clinical Psychologist
- Clinical Physiotherapist
- Sports Physiotherapist
- Neurological Physiotherapist

#### **Eligibility Criteria**

#### B.Sc. in Anaesthesia and Operation Theatre Technology (AOTT)

The minimum qualification for eligibility for B.Sc. Operation Theatre & Anaesthesia Technology is a pass in 12th std. in Science stream from CBSE/ISC/PUC or any other recognized Board, with a minimum of 50% in Physics, Chemistry, Mathematics, Biology and a pass in English.

#### B.Sc. in Medical Laboratory Technology (MLT)

The minimum qualification for B.Sc. Medical Lab Technology is a minimum of 50% in the 10+2 examination from PUC/ICSE/CBS or an equivalent board. With Physics, Chemistry, and Biology as mandatory subjects, along with a passing grade in English.

#### B.Sc. Cardiac Care Technology (CCT)

The minimum qualification for eligibility of B.Sc. Cardiac Care Technology is a pass in 12th std./PUC in science stream from CBSE/ISC or any other equivalent board, with a minimum 50% in PCMB and a pass in English.

#### B.Sc. Respiratory Care Technology (RCT)

The qualification for Eligibility for B.Sc. Respiratory Care Technology is a pass in 10+2, 12th Grade or equivalent board, with a minimum 50% marks taken together in Physics, Chemistry, English and Biology, and with a pass in English.





#### Medical Radiology and Imaging Technology (MRIT)

The minimum qualification for B.Sc. Medical Imaging Technology is a minimum of 50% in the 10+2 examination from PUC/ICSE/CBSE/ 12th Grade or an equivalent board. With Physics, Chemistry, and Biology as mandatory subjects, along with a passing grade in English.

#### Bachelor of Physiotherapy (BPT)

The minimum qualification for eligibility of Bachelor of Physiotherapy (BPT) is a pass with a minimum 50% in physics, chemistry and biology (botany & zoology), mathematics (10+2) or equivalent board recognized by any Indian University.

## Why Presidency University?

- **Meeting the Growing Demand:** Established to address the increasing need for a skilled and qualified health workforce.
- **Comprehensive Training:** Designed to support, facilitate, and complement the work of physicians and other healthcare specialists.
- Ecosystem-Focused Learning: Tailored to meet the evolving needs of the healthcare ecosystem.
- **Industry-Relevant Curriculum:** Equips students with practical skills and knowledge to thrive in diverse healthcare settings.
- Career-Ready Graduates: Prepares students to become essential contributors to multidisciplinary healthcare teams.

# Programmes Offered

# B.Sc. in Anaesthesia and Operation Theatre Technology (AOTT)

This is a well-designed four year programme of study that imparts a comprehensive understanding of operation theatre management and anaesthesia techniques. Students acquire expertise in administering anaesthesia, ensuring patient safety, and adeptly managing the complexities of the operation theatre. With a successful band of experienced faculty who enable students to create an immersive learning environment, students gain hands-on experience in surgical procedures, emergency response, and the utilisation of advanced medical technologies. By building a strong sense of professionalism and ethical conduct in the healthcare setting, this programme provides students with a deep and nuanced understanding of anaesthesia techniques and operation theatre protocols. The programme also includes a mandatory one year on the job training

# B.Sc. in Medical Laboratory Technology (MLT)

This four year programme offers learners a plethora of on-the-job training and equips students with the knowledge and skills required for a rewarding career in diagnostic healthcare. Through the three-year programme of study, students delve into a well-designed curriculum that blends theoretical understanding with hands-on training, preparing them to become proficient medical lab technicians.

# B.Sc. Cardiac Care Technology (CCT)

This four year programme prepares students to support cardiologists in diagnosing and treating heart-related conditions. The curriculum covers ECG, echocardiography, cardiac catheterisation, and monitoring technologies used in intensive cardiac care units. Students learn about the heart's electrical conduction system and its pivotal role in cardiac function. Through practical learning students are equipped with essential skills to operate imaging equipment, capture diagnostic images, and analyse results for effective diagnosis and monitoring.





# **B.Sc. Respiratory Care Technology (RCT)**

This four year programme delves into the intricacies of the respiratory therapy course details, with a focus on the anatomy and physiology of the respiratory system, diagnostic procedures, therapeutic interventions, and advanced technologies utilised in respiratory care. The curriculum includes hands-on training in ventilator management, pulmonary function testing, emergency airway care, and respiratory therapy techniques in critical care settings. Students are also trained to face the critical role of diagnosing, treating, and managing respiratory disorders.

# B.Sc. Medical Radiology and Imaging Technology (MRIT)

This well-structured four year programme spans course on anatomy, physiology, radiographic procedures, and imaging techniques, providing students with a holistic understanding of the field. The programme helps students to understand the functioning of medical imaging modalities such as X-ray, computed tomography (CT), magnetic resonance imaging (MRI), ultrasound, and nuclear medicine. Students gain hands-on experience in radiographic positioning, imaging protocols, and radiation safety for accurate diagnostic support.

# **Bachelor of Physiotherapy (BPT)**

This four year programme encompasses courses in human anatomy and biomechanics, apart from a practical experience that makes graduates ready to face the demands of the healthcare industry. It is a comprehensive health sciences programme that focuses on physical rehabilitation, pain relief, and mobility restoration. Practical training modules include training in exercise therapy, electrotherapy, and manual techniques to help patients recover from injuries and disorders. This programme also includes a six-month internship which equips students with the essential skills and knowledge required to become a physiotherapy practitioner. The programme also includes a mandatory one year clinical internship



# Make Memories for Life at Presidency University

- Presidency School of Computer Science & Engineering
- Presidency School of Information Science
- Presidency School of Engineering
- Presidency School of Management
- Presidency School of Commerce

- Presidency School of Law
- Presidency School of Design
- Presidency School of Media Studies
- Presidency School of Liberal Arts & Sciences
- Presidency School of Allied Health Sciences



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