

## **(85-MED-01-02) B.SC. - ANESTHESIA AND OPERATION THEATRE TECHNOLOGY**

### **Significance of Program**

A Bachelor of Science (BSc) in Anesthesia and Operation Theatre Technology (OTT) is a specialised healthcare programme that focuses on training individuals to work in the operating room setting, assisting in anaesthesia administration and ensuring the smooth functioning of operation theatres.

### **Career Options**

Earning a BSc Anesthesia and Operation Theatre Technology opens up a number of job options. You can find employment at healthcare facilities such as hospitals, surgical centres, emergency rooms, and intensive care units.

### **Program Objectives**

Develop a strong foundation in medical sciences relevant to Anaesthesia and operating room procedures. Cultivate critical thinking and problem-solving skills in Anaesthesia planning and patient care

### **Outcomes of the Program**

Develop lifelong learning and professional development to adapt to changing healthcare environments. PSO The program will provide students with a thorough understanding of the principles and techniques of operation theatre technology, including anatomy and physiology, surgical procedures, and patient care.

### **Major Course Outline**

The curriculum covers essential subjects such as anatomy, physiology, biochemistry, microbiology, pharmacology, operation theatre management etc. Overall, BSc OT and Anesthesia Technology syllabus lays a strong foundation for graduates to pursue careers as operation theatre technicians, anaesthesia technicians.

- Anatomy & Physiology related to Anesthesia Technology
- Applied Pharmacology and Microbiology related to Anesthesia Technology
- Medical Ethics and Bio safety
- Psychology
- Principles Of Anesthesia

- Basics and Advanced Life support
- Sociology
- Healthcare and basic Principle

CORE	Electives	Skill Course
Principles Of Anesthesia Principles of operation theatres	Pharmacology-drugs related to anaesthesia	Basic computers