

84-MED-01-01 DIPLOMA – ANAESTHESIA TECHNICIAN

1. Significance of Program

They ensure the equipment used in surgical procedures is clean, maintained, and prepared and perform pre-operation responsibilities, including the anesthesia gas machine's setup and checking the gas lines. Anesthesia technicians prepare supplies for intubation, central breathing lines, and oxygen measurement tools

2. Career Options

After completing B.Sc in Anesthesia Technology, students may get job opportunities in Hospitals, Clinics, etc. mostly as an Anesthetic Technician. But there are various job roles which an Anesthesia Technology can get into, a few of which are mentioned below

- Hospitals
- Healthcare Facilities
- Medical Clinics
- Medical Colleges

3. Program Objectives

Consults operating room schedule to determine equipment needs for special procedures and prepares operating room accordingly. Maintains, calibrates, and troubleshoots anesthesia department equipment according to instructions and protocols of equipment manuals. Cleans and disinfects anesthesia equipment after use

4. Outcomes of the Program

The primary OUTCOME of general anesthesia is to render a patient unconscious and unable to feel painful stimuli while controlling autonomic reflexes. There are five main classes of anesthetic agents: intravenous (IV) anesthetics, inhalational anesthetics, IV sedatives, synthetic opioids, and neuromuscular blocking drugs

5. Major Course Outline

- Physiology
- Applied Pathology
- Anaesthesia Technology: Applied Human Anatomy
- Applied Pharmacology
- Anaesthesia Technology: Advanced Microbiology
- Medicine Relevant to Anaesthesia Technology

- Anesthesia Technology- Clinical

Core	Electives	Skills
Anesthesia Technology- Clinical Anaesthesia Technology: Advanced	Human Anatomy And physiology	Sterilizing Techniques. Anesthesia Machine Operation. Ventilator Operation. Anesthesia Drug Knowledge. Attention to Detail. Knowledge and Communication of Medical Terms. Use of Medical Records. Stress Management.