

**Teerthanker Mahaveer University**  
**Teerthanker Mahaveer Medical College & Research Centre**

**MD (Anaesthesia)**

**Goals:** The goal of MD course in Anaesthesia is to produce a knowledgeable and skillful anaesthesiologist who:

- Is competent to anaesthetize all categories of patients from ASA-I to V with medical problems for every type of elective and emergency surgery.
- Should be able to diagnose and treat acute and chronic pain conditions.
- Should be competent to manage critically ill patients in emergency and ICU requiring routine to advanced monitoring, mechanical ventilation and other interventions.
- Should be aware of the recent advances and developments in medical sciences as related to anaesthesia, analgesia and critical care.
- Should be oriented to principles of research methodology; and
- Is competent to teach acquired skills to medical and paramedical professionals.

**Objectives:** Department of anaesthesia makes sure that the candidate develops in all fronts cognitive, affective and psychomotor domain as it is important for anaesthesiologist to work as member/ team leader in various clinical and critical situations in OR and outside OR. Candidate should be able to demonstrate following at the end of training.

- Demonstrate familiarity with diagnostic skills and laboratory procedures relevant to the diagnosis and evaluation of patients under Her / His care.
- Critically evaluate recent medical literature from journals, reference books: monographs update knowledge and adapt therapeutic procedures based on this appraisal.
- Manage administration of anaesthesia to patients of all grades of ASA risk grading and all types of surgical subspecialties both for elective and emergency procedures.
- Demonstrate aptitude and will to remain clear headed and act correctly when faced with critical incidence in the operating room and critical care units.
- Demonstrate the knowledge of ethics and medico legal aspects related to the practice of anaesthesiology and critical care.
- To work in a team and show leadership qualities in dealing with paramedics.