

Teerthanker Mahaveer University
Teerthanker Mahaveer Medical College & Research Centre

MD (General Medicine)

- 1. Goals:** The goal of MD course in Medicine is to produce a competent physician who:
 - Recognizes the health needs of adults and carries out professional obligations in keeping with principles of National Health Policy and professional ethics;
 - Has acquired the competencies pertaining to medicine that are required to be practiced in the community and at all levels of health care system;
 - Has acquired skills in effectively communicating with the patients, family and the community;
 - Is aware of the contemporary advances and developments in medical sciences.
 - Acquires a spirit of scientific enquiry and is oriented to principles of research methodology; and
 - Has acquired skills in educating medical and paramedical professionals.

- 2. Objectives:** At the end of the MD course in Medicine, the student should be able to:
 - Recognize the key importance of medical problems in the context of the health priority of the country;
 - Practice the specialty of medicine in keeping with the principles of professional ethics;
 - Identify social, economic, environmental, biological and emotional determinants of adult medicine and know the therapeutic, rehabilitative, preventive and promotion measures to provide holistic care to all patients;
 - Take detailed history, perform full physical examination and make a clinical diagnosis;
 - Perform and interpret relevant investigations (Imaging and Laboratory);
 - Perform and interpret important diagnostic procedures;
 - Diagnose medical illnesses in adults based on the analysis of history, physical examination and investigative work up;
 - Plan and deliver comprehensive treatment for illness in adults using principles of rational drug therapy;
 - Plan and advise measures for the prevention of medical diseases;
 - Plan rehabilitation of adults suffering from chronic illness, and those with special needs;
 - Manage medical emergencies efficiently;

Demonstrate skills in documentation of case details, and of morbidity and mortality data relevant to the assigned situation;

Demonstrate empathy and humane approach towards patients and their families and respect their sensibilities;

Demonstrate communication skills of a high order in explaining management and prognosis, providing counseling and giving health education messages to patients, families and communities.

Develop skills as a self-directed learner, recognize continuing educational needs; use appropriate learning resources, and critically analyze relevant published literature in order to practice evidence-based medicine;

Demonstrate competence in basic concepts of research methodology and epidemiology;

Facilitate learning of medical/nursing students, practicing physicians, para- medical health workers and other providers as a teacher-trainer;

Play the assigned role in the implementation of national health programs, effectively and responsibly;

Organize and supervise the desired managerial and leadership skills;

Function as a productive member of a team engaged in health care, research and education.