

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

MD (Respiratory Medicine)

Goals: The goal of Post graduation (MD) course in Medicine (Chest) is to produce a competent chest physician who:

- Recognizes the health needs of patients having chest complaints and carries out professional obligations in keeping with principles of National Health Policy and professional ethics.
- Has acquired the competencies pertaining to chest 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 patient, family and the community.
- Is aware of the contemporary advances and developments in medical sciences as related to pulmonary medicine.
- Is oriented to principles of research methodology.
- Has acquired skills in educating medical and paramedical professionals.

Objectives: At the end of the MD course in Medicine (Chest), the student should be able to:

- Recognize the key importance of pulmonary medicine in the context of the health priority of the country.
- Practice the specialty of Pulmonary Medicine in keeping with the principles of professional ethics.
- Identify social, economic, environmental, biological and emotional determinants of patient and institute diagnostic, therapeutic, rehabilitative, preventive and primitive measures to provide holistic care to him.
- Take detailed history, perform full physical examination and make clinical diagnosis.
- Perform relevant investigative and therapeutic procedures for the patient.
- Interpret important imaging and laboratory results.
- Diagnose illness based on the analysis of history, physical examination and investigative work up.
- Plan and deliver comprehensive treatment for illness using principles of rational drug therapy.
- Plan rehabilitation of patients suffering from chronic illness.
- Manage respiratory 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 pediatrics.