

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

MD (Microbiology)

Goal: The main goal of this course is to train students of Medicine in the field of Medical Microbiology:

- Theoretical as well as practical training is imparted to the candidates in the subspecialties viz. Bacteriology, Virology, Parasitology, Immunology and Mycology so that they can participate in good patient care and prevention of infectious diseases in the community.
- They are introduced to basic research methodology so that they can conduct fundamental and applied research.
- They are also imparted training in teaching methods in the subject which may enable them to take up teaching assignments in Medical Colleges/Institutes.

Objectives: At the end of the course the students should be able to:

- Establish good clinical microbiological services in a hospital and in the community in the fields of bacteriology, virology, parasitology, immunology and mycology.
- Plan, execute and evaluate teaching assignments in medical microbiology and Plan, execute, analyses and present the research work in medical microbiology.