Teerthanker Mahaveer University
Teerthanker Mahaveer Medical College & Research Centre

MD (Pharmacology)

Goals: The aims of MD course in Pharmacology are:
- To train a medical graduate to be a Pharmacologist who is well versed with the basic principles of Pharmacology and is up to date with the recent advances.
- Acquisition of skills related to teaching, research methodology and corporate world.
- Knowledge of elementary statistics and its applications.
- Overall development of skills and personality of the PG resident.
- Broaden the scope of Pharmacology from bench to bed side.

Objectives: At the end of the MD course in Pharmacology, the student should be able to:
- Recognize the importance of Pharmacology as a key branch in health Sciences
- Utilize the acquired knowledge in teaching, research and industry.
- Plan and organize projects using managerial and leadership skills.
- Understand and apply ethical principles involved in animal and human Experiments.
- Handle animals to conduct experiments e.g. screening of various drugs
- Perform qualitative and quantitative identification and estimation of drugs in Different samples of body fluids.
- Develop skills as a self-directed learner, recognize continuing educational needs; use appropriate learning resources and be able to critically analyze relevant published literature
- Design protocol for clinical trials
- Incorporate knowledge of information technology in medical sciences
- Function as a productive member of a team engaged in research, education and industry
- Play the assigned role in the implementation of national health programs effectively, including planning of drug procurement and distribution.