

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

MS (General Surgery)

Goals: The goal of MS course in Surgery is to produce a competent surgeon who:

- has acquired the competence pertaining to surgery that is required to be practised in the community and at all levels of health care system
- has acquired the skills to manage the patients of trauma effectively.
- has acquired skill in effectively communicating with patient and his attendants.
- has the desired surgical skills to independently operate on elective and emergency cases
- is aware of the latest developments in the field of surgery
- is oriented to principles of research methodology
- has acquired skills in educating medical and paramedical professionals.

Objectives: At the end of the MS course in surgery, the student should be able to

- practice the specialty of surgery in keeping with the principles of professional ethics
- recognize and identify the various surgical problems
- institute diagnostic, therapeutic, rehabilitative and preventive measures to provide holistic care to the patient
- take detailed history, perform full physical examination and make clinical diagnosis
- perform relevant investigative and therapeutic procedures
- interpret important imaging and laboratory results
- independently perform basic surgical procedures
- manage surgical trauma emergency efficiently
- Demonstrate empathy and human approach towards patients and their families.
- demonstrate communication skills of a high order in explaining management and prognosis, providing counselling and giving health education 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 surgery
- facilitate learning of medical/nursing students, practicing physicians, para-medical health workers and other providers as a teacher/trainer
- organize and supervise the desired managerial and leadership skills