

**Faculty of Engineering
Teerthanker Mahaveer University**

M.Sc. (Chemistry)

Programme Specific Outcome

PSO-1	:	Understanding basic information of chemistry including symbols, types of bonds, structure, definitions etc.
PSO-2	:	Remembering basic concept of chemistry including classification & properties of elements, functional groups, formation of bonds and configuration of compounds.
PSO-3	:	Applying the basic concept of chemistry including classification & properties of elements, functional groups, formation of bonds and configuration of compounds.
PSO-4	:	Applying concept of chemistry to bring out the chemical synthesis of compounds, various types of chemical reactions, physicochemical analysis and identification of compounds.
PSO-5	:	Applying positive aptitude to face new challenges in the field of interest.
PSO-6	:	Developing new derivatives of the existing compounds and study their physical and chemical properties and comparative studies for various derivatives of existing compounds and can grow evaluating aptitude.
PSO-7	:	Developing new compounds, elemental analysis for percentage determination and establishing the molecular formula and structure by modern techniques like IR, NMR, and Raman Spectroscopy etc.