

# UNDERGRADUATE PROGRAMME SPECIFIC OUTCOMES

## Name of the Programme: B.Sc. Chemistry

PS01	The students will understand the existence of matter in the universe as solids, liquids, and gases which are composed of molecules, atoms and sub atomic particles.
PS02	Students will learn to estimate inorganic salt mixtures and organic compounds both qualitatively and quantitatively using the classical methods of analysis in practical classes.
PS03	Students will grasp the mechanisms of different types of reactions both organic and inorganic and will try to predict the products of unknown reactions.
PS04	Students will learn to synthesize the chemical compounds by manoeuvring the addition of reagents under optimum reaction conditions.
PS05	Gain the knowledge of Chemistry through theory and practical.
PS06	To explain nomenclature, stereochemistry, structures, reactivity, and mechanism of the chemical reactions.
PS07	Identify chemical formulae and solve numerical problems.
PS08	Use modern chemical tools, Models, Chem-draw, Charts and Equipment.
PS09	Know structure-activity relationship.
PS010	Understand good laboratory practices and safety.
PS011	Develop research-oriented skills.
PS012	Make aware and handle the sophisticated instruments/equipment.