

Regulation 22 : PG Programmes 2022-23 and onwards

S.NO	NAME OF THE PROGRAMME	PROG.C ODE	PSO1	PSO2	
7	M.Sc.(Chemistry)	PS05	Advanced Understanding of Organic Chemistry: Develop a deep understanding of organic reactions, mechanisms, synthesis strategies, and the structure-activity relationship, enabling students to address complex challenges in organic chemistry.	Synthetic and Analytical Skills: Acquire hands-on skills in organic synthesis and modern analytical techniques (such as NMR, IR, and chromatography), preparing students for independent research and practical problem-solving in the field of organic chemistry.	
		PROGRAMME OUTCOMES(Pos)			
		PO1	Demonstrate sound knowledge, think critically and analyze problems relating to Inorganic, Organic, Physical and Analytical Chemistry.		
		PO2	Understand the need for scientific communication in both written and oral forms and as well as the role of software in solving problems of chemistry and use modern library tools to locate and retrieve scientific information about a topic or technique relating to chemistry. This will enable the student to opt for teaching job, if he / she desires.		
		PO3	Function individually and as a member or leader in team with the fundamental and advanced knowledge gained in the field of chemistry and other allied fields.		
		PO4	Apply conceptual knowledge gained in the field of chemistry to assess social, health, safety, legal and cultural issues and the relevant consequences of it.		
		PO5	To record and analyze the experimental results by maintaining professional ethics, responsibilities and norms of the scientific practices.		
		PO6	Understand the issues of environmental pollution and sustainable development.		
		PO7	Engage in independent and lifelong learning of the concepts relating to chemistry in broadest context of socio-technological changes.		