Programme Outcomes (PO's)
M.Sc. Polymer Science

PO1: Attain sound knowledge about the fundamentals and applications of chemical and scientific theories.

PO2: Gain knowledge and understanding of reaction mechanisms, complex chemical structures, instrumental method of chemical analysis, molecular rearrangements and separation techniques.

PO3: Acquire general, technical, and professional skills to accomplish tasks in research, industry or academia.

PO4: Apply of knowledge and skills in addressing social economic and environmental problems.

PO5: Apply knowledge of polymer chemistry, organic chemistry, physical chemistry, and materials science to understand and solve problems in polymer science.

PO6: Design and perform polymer synthesis using techniques such as free-radical polymerization, coordination polymerization, step-growth polymerization, and controlled/living polymerization.

PSO1 :Understand ethical issues related to polymer production, material safety, waste management, and environmental impact..

PSO2 : Recognize the need for continuous learning and keep pace with emerging technologies in advanced polymers, nanomaterials, and sustainable materials.