

Programme Outcomes (PO's)
M.Sc. Industrial Chemistry

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: Demonstrate in-depth understanding of chemical sciences, industrial processes, reaction mechanisms, and material properties relevant to chemical and allied industries

PO6: Apply chemical principles to design, scale up, monitor, and optimize industrial processes in areas such as polymers, pharmaceuticals, petrochemicals, dyes, and environmental chemistry.

PSO1 : Apply modern research techniques to investigate complex chemical phenomena and solve practical problems.

PSO2 : Implement safe laboratory and industrial procedures, follow environmental and sustainability guidelines, and understand relevant quality and regulatory standards