

M.Sc. Chemistry

Programme Outcomes

Sl. No.	At the time of graduation the students of MSc Degree programme in Chemistry will be able to develop	PO No.
1.	Fundamental Knowledge and Critical Thinking: An in-depth knowledge of the fundamental concepts of Chemistry and critical thinking for scientific investigation.	PO1
2.	Problem Solving Skill: Train students to observe and analyse problems, logical thinking to formulate a hypothesis, evaluate and validate the results with a sensible conclusion.	PO2
3.	Analytical Expertise: Design, plan and execute advanced laboratory experiments and structural characterization using various spectroscopic techniques. Also to develop skills in handling sophisticated analytical instruments.	PO3
4.	Innovation and Scientific Exploration: Prepare students about the importance of basic and applied scientific research and the importance of scientific education for the growth of our country.	PO4
5.	Industrial Outlook: To develop skills in the proper handling of apparatus and chemicals. To be exposed to the different processes used in industries and their applications.	PO5
6.	Research Aptitude: Inculcate the spirit of research and its importance in higher education and Nation building.	PO6
7.	Competitive Examination and Employability: Adequate training for the preparation of National as well as International competitive examination and also provide an insight into the various opportunities for employment. .	PO7
8.	Environmental Conscience: To provide awareness about the protection of environment, pollution control and importance of renewable energy resources for the society.	PO8
9.	Ethics: Identify different value systems including one's own, understand the moral principle that govern a person's behaviour, and accept responsibility for them.	PO9
10.	Communication Skill: Prepare students to present their views and findings with confidence and personality development.	PO10



[Signature]
Principal
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