

Name of Program	Master of Science(Chemistry)
Abbreviation	M.Sc.
Duration	2 Years
Eligibility Criteria	<p>M.Sc. Chemistry (Organic/Inorganic/ Analytical/Physical) ELIGIBILITY:(SC/ST- 35%, OPEN/SEBC-40%), A candidate who has obtained his/her Bachelor's Degree with chemistry shall be considered eligible for admission in M .Sc .Chemistry</p> <p>M.Sc. (Organic Chemistry) ELIGIBILITY :(SC/ST- 35%, OPEN/SEBC-40%), A candidate who has obtained his/her Bachelor's Degree with chemistry shall be considered eligible for admission in M.Sc.- Chemistry/Organic Chemistry.</p> <p>M. Sc .Environmental Chemistry ELIGIBILITY :(SC/ST- 35%, OPEN/SEBC-40%) A candidate who has obtained his/her Bachelor's Degree with chemistry shall be considered eligible for admission in M.Sc.- Chemistry/Organic Chemistry (SF.)/ Environmental Chemistry (S.F.) Course.</p> <p>M.Sc. Organic Chemistry (Evening) ELIGIBILITY :(SC/ST- 35%, OPEN/SEBC-40%) A candidate selecting M.Sc. Evening course (2 years) with Organic Chemistry as specialization must have passed the Bachelor's Degree examination with Chemistry and English as compulsory subject. Those who are in service will have to produce minimum one year's experience certificate from the Employer.</p>
Objective of Program	The core objective of the M.Sc. programme is to prepare the students for dynamic career in industry and academia by providing an excellent environment of teaching and research in the core and emerging areas of the discipline.

Program Specific Outcomes	<p>Students need to build up foundation in the fundamentals & application of current chemical and scientific theories in the concerned branches of Inorganic, Organic, Analytical, Physical, Environmental and Pharmaceutical Chemistry.</p> <p>PSO1 : Develop scientific temper, communicate scientific information in a clear, concise and precise manner.</p> <p>PSO2 : Find job opportunities at all level of chemical industries(dyes & pharmaceutical), national laboratories & research centers.</p> <p>PSO3 : Apply the knowledge in sustainable and eco friendly technologies.</p> <p>PSO4 : Inculcate logical thinking to addressess the problem and become result oriented.</p> <p>PSO5 : Development of research culture in persuasion of Ph.D. program at national & international institute/university.</p> <p>PSO6 : Participate in specific competitive examination conducted by various public service commission and other public sector.</p> <p>PSO7 : Develop and apply the fundamental knowledge to build small scale industry in context to Atma Nirbhar Bharat.</p> <p>PSO8 : Scale up the synthetic product to a pilot level plant and gradually to bulk.</p> <p>PSO9 : Enhance the scientific temperament among the students in anticipation of developing research culture and implementation of policies at global & local level.</p> <p>PSO10 : Communicate scientific information clear in both writing and orally.</p> <p>PSO11 : Students shall start to become better readers, thinkers and learners in their discipline by processing their ideas through writing.</p> <p>PSO12 : Will build new scientific understanding as it provides students the opportunity to articulate their thinking as they engage in the science practices during an investigation.</p>
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Mapping between POs and PSOs		PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9	PSO10	PSO11	PSO12	
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	PO2													
	PO3													
	PO4													
	PO5													
	PO6													
	PO7													
	PO8													

	PO9												
	PO10												

Medium of Instruction	English
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