

M.Sc. Chemistry Syllabus:

M.Sc. First Year

<u>Course</u>	<u>Semester 1</u>	<u>Semester 2</u>
M.Sc.	• Paper I - Inorganic Chemistry • Paper II - Organic Chemistry • Paper III - Physical Chemistry • Paper IV – Group Theory • Paper V – Practical & Seminar	• Paper I - Inorganic Chemistry • Paper II - Organic Chemistry • Paper III - Physical Chemistry • Paper IV – Instrumental Chemistry • Paper V – Environmental Chemistry • Paper VI – Practical & Seminar

M.Sc. Second Year

<u>Course</u>	<u>Semester 3</u>	<u>Semester 4</u>
M.Sc.	• Paper I: Spectroscopy - Spectroscopy-1 • Paper II: Recent Trends - Recent Trends in Chemistry • Paper III: Inorganic Chemistry - Organotransition Metal Chemistry • Paper IV: Inorganic Chemistry - Analytical & Coordination Chemistry • Paper III: Organic Chemistry - Organic Synthesis-1 • Paper IV: Organic chemistry - Heterocyclic Compounds Photo chemistry • Paper III: Physical Chemistry - Chemistry Material • Paper IV: Physical Chemistry - Statistical Thermodynamics & chemical kinetics • Paper V: Practical/Seminar	• Paper I: Spectroscopy - Spectroscopy-II • Paper II: Green Chemistry - Green Chemistry • Paper III: Inorganic Chemistry - Photo Inorganic & supramolecular Chemistry • Paper IV: Inorganic Chemistry - Bioinorganic Chemistry • Paper III: Organic Chemistry - Organic Synthesis- II • Paper IV: Organic Chemistry - Chemistry of Natural Product • Paper III: Physical Chemistry - Advanced Quantum Chemistry • Paper IV: Physical Chemistry - Polymer Chemistry • Paper V: Practical/Seminar • Paper VI: Dissertation/ Project - Research Work

	● Paper VI: Dissertation/ Project - Research Work	
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