



M.Sc Chemistry

Semester Wise Subjects in the
Entire Curriculum as per NEP 2020

Affiliated to M.J.P Rohilkhand University, Bareilly

M.Sc Chemistry 1st Year

M.Sc Chemistry 1st Semester (ODD)	M.Sc Chemistry 2nd Semester (ODD)
1 Inorganic Chemistry	1 Inorganic Chemistry
2 Organic Chemistry	2 Organic Chemistry
3 Physical Chemistry	3 Physical Chemistry
4 Group Theory	4 Instrumental Chemistry
5 Practical & Seminar	5 Environmental Chemistry
	6 Practical & Seminar

M.Sc Chemistry 2nd Year

M.Sc Chemistry 3rd Semester (ODD)	M.Sc Chemistry 4th Semester (EVEN)
1 Spectroscopy	1 Spectroscopy - 2
2 Recent Trends in Chemistry	2 Green Chemistry
3 Organotransition Metal Chemistry	3 Photo Inorganic & Supramolecular Chemistry
4 Analytical & Coordination Chemistry	4 Bioinorganic Chemistry
5 Organic Synthesis - 1	5 Organic Synthesis
7 Heterocyclic Compounds & Photo Chemistry	6 Chemistry of Natural Product
6 Chemistry Material	7 Advanced Quantum Chemistry
8 Statistical Thermodynamics & Chemical Kinetics	8 Polymer Chemistry
9 Practical/Seminar	9 Practical/Seminar
10 Research Work	10 Research Work