



PCM

Semester Wise Subjects in the
 Entire Curriculum as per NEP 2020

Affiliated to M.J.P Rohilkhand University, Bareilly

PCM 1st Year

PCM 1st Semester (ODD)	PCM 2nd Semester (EVEN)
1 Fundamental of Chemistry	1 Thermal Physics & Semi Conductor Device
2 Integral Calculus & Differential Calculus	2 Bio organic & Medicinal Chemistry
3 Mathematical Physics Newtonian Mechanics	3 Matrics & Differential Equation & Geometry
4 Practicals	4 FIRST - AID & HEALTH
	5 Practicals

PCM 2nd Year

PCM 3rd Semester (ODD)	PCM 4th Semester (EVEN)
1 Modern Optics & Electromagnetic Theory	1 Perspectives of Modern Physics & Basic Electronics
2 Modern Algebra & Mathematical Method	2 Differential Equation & Mechanics
3 Chemical Dynamics & Coordination Chemistry	3 Quantum Mechanics and Analytical Techniques
4 Human Values & Environmental Studies	4 Practicals
5 Practicals	

PCM 3rd Year

PCM 5th Semester (ODD)	PCM 6th Semester (EVEN)
1 Group & Ring Theory	1 Analog & Digital Principles & Applications
2 Discrete Mathematics	2 Solid State & Nuclear Physics
3 Organic Synthesis	3 Numerical Analysis & Operation Research
4 Rearrangements & Chemistry of Group Element	4 Metric Space & Complex Analysis
5 Introduction to Classical Mechanics & Statistical Mechanics	5 Organic Synthesis-B
6 Introduction to Quantum Mechanics & Spectroscopy	6 Chemical Energetics and Radiochemistry
7 Practicals	7 Practicals
	8 Research Project