

Class	M.Sc. Physics	M.Sc. Chemistry	M.Sc. Mathematics	M.Sc. Zoology	M.Sc. Botany
Semester-I	- Classical Mechanics - Classical Electrodynamics (I) - Quantum Mechanics - Mathematical methods in physics	- Inorganic chemistry - Reaction Mechanism-I - Physical Chemistry-I - Computer & Diffraction methods - Practical	- Abstract algebra - Complex Analysis - Tensor - Metric Space - Special Function	- Taxonomy, Biodiversity & Wildlife - Cell & Molecular Biology - Genetics & Evolution's - Immunology & Biotechnology - Practical	- Cell & Molecular Biology - Microbiology & Mycology - Algae Bryophytes & Petridophytes - Plant physiology
Semester-II	- Classical Electrodynamics (II) - Atomic & Molecular Physics - Electronics - Numerical method and Computer Programming - Practical	- Coordination Chemistry - Reaction Mechanism-II & Stereochemistry - Physical Chemistry-II - Group theory & Spectroscopy - Practical	- Linear Algebra - Measure Theory - Differential Geometry - Topology - Integral Transform	- Structure & Functions of Invertebrates - Biochemistry - Physiology & Endocrinology - Development Biology - Practical	- Genetics & Cytogenetics - Gymnosperm & Paleobotany - Taxonomy of angiosperm - Plant biochemistry and growth physiology - Practical
Semester-III	- Nuclear Physics - Static-al & Solid State Physics - Advance Quantum Mechanics (I) <u>Solid State Electronics</u>	- Spectroscopy - Photo-chemistry & Solid state chemistry - Environment chemistry - Chemistry of Life - Practical	- Functional Analysis-I - Advance Differential Equation & Calculus of Variation - Numerical Analysis-I - Mathematical Statics-I - Discrete Mathematics	- Biology of Chordates - Ecology - Special Paper 13 (B) Environmental Biology - Special Paper 14 (B) Environmental Biology - Practical (I) - Practical (II)	- Plant Development - Environmental Biology - Plant Biotechnology - Advance Plant Ecology : Environment & Arid Zone ecology
Semester-IV	- Nuclear Physics-II - Solid State Physics - Advance Quantum Mechanics (II) <u>Solid State Electronics</u>	<u>For In-organic Chemistry (Group-A)</u> - Contemporary Inorganic Chemistry - Bio inorganic Chemistry - Advance Coordination Chemistry - Inorganic Polymer - Practical	- Functional Analysis-II - Linear Integral Equation - Numerical Analysis-II - Mathematical Statics-II - Graph Theory	- Biology Techniques & Bio statics - Animal Behavior - Special Paper 19 (B) Environmental Biology - Special Paper 20 (B) Environmental Biology - Practical (I) - Practical (II)	- Plant Reproduction - Plant Resources: Conservation and Utilization - Genetic Engineering of Plant & Micro bees (XVI-C) Advance Plant Ecology : Ecosystem & Ecosystem Analysis