

Mathematics	Semester-I	<u>Differential Equations</u>
	Semester-II	<u>Three Dimensional Analytical Solid Geometry</u>
	Semester-III	<u>Abstract Algebra</u>
	Semester-IV	<u>Real Analysis</u>
		<u>Linear Algebra</u>
	Semester-V	<u>Elective Paper Pairs of 6A & 7A, 6B & 7B, 6C & 7C</u>
Physics	Semester-I	<u>Mechanics, Waves & Oscillations</u>
	Semester-II	<u>Wave Optics</u>
	Semester-III	<u>Heat and Thermodynamics</u>
	Semester-IV	<u>Electricity, Magnetism and Electronics (Paper -IV)</u>
		<u>Modern Physics (Paper-V)</u>
	Semester-V	<u>Elective Paper Pairs of 6A & 7A, 6B & 7B, 6C & 7C</u>
Chemistry	Semester-I	<u>Inorganic and Physical Chemistry</u>
	Semester-II	<u>Organic and General Chemistry</u>
	Semester-III	<u>Organic Chemistry & Spectroscopy</u>
	Semester-IV	<u>Inorganic, Organic and Physical Chemistry (Paper - 4)</u>
		<u>Inorganic and Physical Chemistry (Paper - 5)</u>
	Semester-V	<u>Elective Paper Pairs of 6A & 7A, 6B & 7B, 6C & 7C, 6D & 7D, 6E & 7E</u>
Botany	Semester-I	<u>Fundamentals of Microbes and Non-vascular Plants</u>
	Semester-II	<u>Basics of Vascular plants and Phytogeography</u>
	Semester-III	<u>Organic Chemistry & Spectroscopy</u>
	Semester-IV	<u>Plant Physiology and Metabolism</u>
		<u>Cell Biology, Genetics and Plant Breeding</u>
	Semester-V	<u>Elective Paper Pairs of 6A & 7A, 6B & 7B, 6C & 7C, 6D & 7D, 6E & 7E</u>

Zoology	Semester-I	<u>Animal Diversity – I Biology of Non-Chordates</u>
	Semester-II	<u>Animal Diversity – II Biology of Chordates</u>
	Semester-III	<u>Cell biology, Genetics, Molecular Biology & Evolution</u>
	Semester-IV	<u>Physiology, Cellular Metabolism & Embryology</u>
		<u>Immunology & Animal Biotechnology</u>
	Semester-V	<u>Elective Paper Pairs of 6A & 7A, 6B & 7B, 6C & 7C, 6D & 7D, 6E & 7E</u>
Computer Science	Semester-I	<u>Problem Solving in C</u>
	Semester-II	<u>Data Structures using C</u>
	Semester-III	<u>Database Management System</u>
	Semester-IV	<u>Object Oriented Programming using Java</u>
		<u>Operating Systems</u>
	Semester-V	<u>Elective Paper Pairs of 6A & 7A, 6B & 7B, 6C & 7C</u>