

Sr.No.	Subject	Chapters/Units of Std XI Syllabus
1.	Physics	Vectors, Error Analysis, Motion in a plane, Laws of Motion, Gravitation, Thermal properties of matter, Sound, Optics, Electrostatics, Semiconductors
2.	Chemistry	Some Basic concepts of chemistry, Structure of atom, Chemical Bonding, Redox reactions, Elements of group 1 and 2, States of Matter (Gaseous and Liquids), Adsorption and colloids (Surface Chemistry), Hydrocarbons, Basic principles of organic chemistry, Chemistry in everyday life.
3.	Mathematics	Trigonometry II, Straight Line, Circle, Probability, Complex Numbers, Permutations and Combinations, Functions, Limits, Continuity, Conic Section
4.	Biology	Biomolecules, Respiration and Energy Transfer, Human Nutrition, Excretion and Osmoregulation ,
