

Study Material Syllabus

Physics - XI

Target
JEE(Main)

Mechanics (Volume-I)

- ▶ Mathematical Tools
- ▶ Rectilinear Motion
- ▶ Projectile Motion
- ▶ Relative Motion
- ▶ Newton's Laws of Motion
- ▶ Friction
- ▶ Work, Power & Energy

Heat and Thermodynamics

- ▶ KTG & Thermodynamics
- ▶ Heat Transfer
- ▶ Calorimetry & Thermal Expansion

Mechanics (Volume-II)

- ▶ Circular Motion
- ▶ Centre of Mass
- ▶ Rigid Body Dynamics
- ▶ Gravitation
- ▶ Units & Dimensions
- ▶ Measurement Error & Experiments

Waves, Fluid and Properties Of Matter

- ▶ Fluid Mechanics
- ▶ Surface Tension
- ▶ Elasticity & Viscosity
- ▶ Simple Harmonic Motion
- ▶ Waves on a String
- ▶ Sound Wave

Study Material Syllabus

Chemistry - XI

Target
JEE(Main)

Physical Chemistry

- ▶ Atomic Structure & Nuclear Chemistry
- ▶ Mole Concept
- ▶ Chemical Equilibrium
- ▶ Ionic Equilibrium
- ▶ Thermodynamic & Thermochemistry
- ▶ Redox Reactions

Inorganic Chemistry

- ▶ Periodic Table & Periodicity
- ▶ Basic Inorganic Nomenclature
- ▶ Chemical Bonding
- ▶ p-Block Elements (Boron & Carbon families)

Organic Chemistry

- ▶ IUPAC Nomenclature & Structural Isomerism
- ▶ Structure Identification & POC
- ▶ General Organic Chemistry-I
- ▶ General Organic Chemistry-II

Study Material Syllabus

Mathematics-XI

Target
JEE(Main)

Algebra

- ▶ Sequence & Series
- ▶ Fundamentals of Mathematics - I
- ▶ Fundamentals of Mathematics - II
- ▶ Quadratic Equation
- ▶ Binomial Theorem
- ▶ Permutation & Combination
- ▶ Statistics

Trigonometry

- ▶ Trigonometry
- ▶ Solutions of Triangle

Coordinate Geometry

- ▶ Straight Line
- ▶ Circles
- ▶ Conics