



Study Material Syllabus

TARGET JEE(M+A)

Physics - XI

Mechanics (Volume-I)

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

Mechanics (Volume-II)

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

Waves, Fluids and Properties of Matter

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

Heat and Thermodynamics

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

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Chemistry - XI

Physical Chemistry_Vol. 1

- Introduction Of chemistry
- Mole Concept
- Gaseous State
- Real gases
- Atomic structure & nuclear chemistry

Physical Chemistry_Vol.2

- Chemical Equilibrium
- Ionic Equilibrium (Elementary)
- Ionic Equilibrium (Advanced)
- Thermodynamics & Thermochemistry

Inorganic Chemistry

- Basic Inorganic Nomenclature
- Periodic Table and Periodicity
- Chemical Bonding
- S-Block Elements
- Hydrogen Compound
- P-block elements (Boron & Carbon families)

Organic Chemistry

- IUPAC Nomenclature & Structural Isomerism
- Structure Identification & POC
- Hydrocarbon
- General Organic Chemistry-I
- General Organic Chemistry-II
- Environmental chemistry

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Mathematics - XI

Algebra - XI

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

Trigonometry

- Trigonometry
- Solution of Triangle

Coordinate Geometry

- Straight Line
- Circles
- Conic Section