



COMEDK UGET 2025 SYLLABUS

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Subject	Class 11 Topics	Class 12 Topics
Physics	Physical World & Measurement, Kinematics, Laws of Motion, Work-Energy-Power, Motion of System of Particles, Gravitation, Properties of Bulk Matter, Thermodynamics, Behaviour of Perfect Gas & Kinetic Theory, Oscillations & Waves	Electrostatics, Current Electricity, Magnetic Effects of Current & Magnetism, Electromagnetic Induction & Alternating Currents, Electromagnetic Waves, Optics, Dual Nature of Matter, Atoms & Nuclei, Electronic Devices
Chemistry	Some Basic Concepts of Chemistry, Structure of Atom, Classification of Elements, Chemical Bonding, States of Matter, Thermodynamics, Equilibrium, Redox Reactions, Hydrogen, The s-Block Elements, Some p-Block Elements, Organic Chemistry – Basic Principles, Hydrocarbons, Environmental Chemistry	Solid State, Solutions, Electrochemistry, Chemical Kinetics, Surface Chemistry, Isolation of Elements, p-Block, d-Block & f-Block Elements, Coordination Compounds, Haloalkanes & Haloarenes, Alcohols, Phenols & Ethers, Aldehydes, Ketones & Carboxylic Acids, Organic Compounds Containing Nitrogen, Biomolecules, Polymers, Chemistry in Everyday Life
Mathematics	Sets, Relations & Functions, Trigonometry, Complex Numbers, Quadratic Equations, Permutations & Combinations, Binomial Theorem, Sequences & Series, Straight Lines, Conic Sections, Limits & Derivatives, Mathematical Reasoning, Statistics & Probability	Matrices, Determinants, Continuity & Differentiability, Application of Derivatives, Integrals, Differential Equations, Vectors, Three-Dimensional Geometry, Probability, Linear Programming

Important Notes:

- 1 Syllabus Based on NCERT – Covers Physics, Chemistry, and Mathematics from Class 11 & 12 NCERT syllabus.**
- 2 No Negative Marking – There is no penalty for wrong answers, so attempt all questions wisely.**
- 3 Equal Weightage to PCM – Physics, Chemistry, and Mathematics have equal importance in the exam.**