

AEEE 2026 Complete Syllabus

MATHEMATICS (19 Units)

Unit 1: Sets, Relations and Functions

Unit 2: Complex Numbers

Unit 3: Permutations and Combinations

Unit 4: Binomial Theorem

Unit 5: Sequences and Series

Unit 6: Matrices and Determinants

Unit 7: Quadratic Equations

Unit 8: Trigonometry

Unit 9: Measures Of Central Tendency and Dispersion

Unit 10: Probability

Unit 11: Differential Calculus

Unit 12: Integral Calculus

Unit 13: Differential Equations

Unit 14: Co-ordinate Geometry

Unit 15: Straight Line and Pair of Straight Lines

Unit 16: Circles and Family of Circles

Unit 17: Conic Sections

Unit 18: Vector Algebra

Unit 19: Three-Dimensional Geometry

PHYSICS

Unit 1: Units and Dimensions

Unit 2: Kinematics

Unit 3: Mechanics

Unit 4: Solids and Fluids

Unit 5: Oscillations and Waves

Unit 6: Heat and Thermodynamics

Unit 7: Electrostatics, Current Electricity and Magnetostatics

Unit 8: Electromagnetic Induction and Electromagnetic Waves

Unit 9: Kinetic Theory of Gases

Unit 10: Ray and Wave Optics

Unit 11: Modern Physics

CHEMISTRY (20 Units)

- Unit 1: Basic Chemical Calculations
- Unit 2: Atomic Structure & Periodicity
- Unit 3: Chemical Bonding
- Unit 4: S-block and Hydrogen
- Unit 5: P-block Elements
- Unit 6: d and f Block Elements
- Unit 7: Solid State
- Unit 8: Coordination Compounds
- Unit 9: Gaseous State & Surface Chemistry
- Unit 10: Colligative Properties
- Unit 11: Electrochemistry
- Unit 12: Thermodynamics
- Unit 13: Chemical and Ionic Equilibria
- Unit 14: Chemical Kinetics
- Unit 15: Basic Organic Chemistry
- Unit 16: Hydrocarbons & Polymers
- Unit 17: Organic Halogen Compounds
- Unit 18: Stereochemistry and Organic Nitrogen Compounds
- Unit 19: Organic Functional Groups
- Unit 20: Biomolecules and Environmental Chemistry

ENGLISH

Articles

Synonyms

Antonyms

Prepositions

Verbs