

Join IIT Foundation cum Bridge Course

**To learn fundamentals and have
strong base of concepts**

SYLLABUS : Class : VII & VIII (COMBINED SYLLABUS)

Maths	Physics	
Real Numbers Algebraic Expressions & Factorization Linear equations, graphs & inequations Fundamental concepts of Geometry Ratio & Proportion Number Theory, Mensuration Commercial Arithmetic	Measurements Force and Pressure Center of Gravity & Stability of Bodies Electricity Sound	Symbols, Formulae and Equations Atoms, Molecules & Chemical Nomenclature Physical & Chemical Changes Metals & Non Metals Solids, Liquids & Gases

Class : IX

Maths	Physics	Chemistry
Real Numbers Polynomials and Factorization Linear equations, graphs & inequations Elements of Geometry Quadratic Equations Mensuration, Probability Number Theory	Measurements and Experiments Force and Laws of Motion Gravitation Motion in one Dimension Electricity	Matter - its Nature & Composition Symbols, Formulae and Equations Atoms, Molecules & Chemical Nomenclature Physical & Chemical Changes Introduction to Organic Chemistry Atomic Structure

Class : X

Maths	Physics	Chemistry
Real Numbers, Polynomials Trigonometry & applications Linear equations, graphs, inequations & Linear Programming Quadratic Equations and Expressions Probability, Coordinate Geometry Number Theory	Units & dimensions Light and Refraction Current Electricity Heat Modern Physics	Chemical Kinetics and Chemical equilibrium Acids, Bases & Salts Atomic Structure Periodic Classification of elements Carbon & its Compounds Chemical Bonding

Jr. Inter

Maths	Physics	Chemistry
Trigonometry (Up to Transformations, Properties of Triangles) Algebra (Functions, B T, Equations) Geometry (Introduction of Locus, Straight Lines) Calculus (Limits & Continuity, Differentiation)	Basic Maths (Trigonometry, Differentiation, Integration) Kinematics 1D Vectors Kinematics 2D Laws of Motion	General organic chemistry (IUPAC, Reaction intermediaries, Polarization effects) Basic Concepts of Chemistry (Mole Concept, Stoichiometry calculations, Molecular formula & Empirical Formula) Atomic structure (Orbit, Orbital, Electric configuration, Atomic models, Quantum numbers) Chemical Bonding (Structure of the compound, Formal Charge, Hybridization, MOED)

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ACADEMY

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