



NO.1 FOR IIT FOUNDATION IN INDIA

Since 2001

**SRI SRI ACADEMY**

HYDERABAD :: Ph. 23156744, 9985072333

## SYLLABUS FOR CORRESPONDENCE COURSE (POSTAL COACHING)

<b>8<sup>th</sup> class</b>		
<b>MATHS</b>	<b>PHYSICS</b>	<b>CHEMISTRY</b>
<b>UNIT – I</b> Real numbers Squares and Square roots	<b>UNIT – I</b> Measurements Force and Pressure	<b>UNIT – I</b> A matter – its nature & composition Symbols, Formulae and Equations
<b>UNIT – II</b> Cubes and Cube Roots Algebraic Expressions & Factorization	<b>UNIT – II</b> Universe Simple Machines & Moments	<b>UNIT – II</b> Atoms, Molecules & Chemical Nomenclature Physical & Chemical Changes
<b>UNIT – III</b> Triangles Exponents and Radicals	<b>UNIT – III</b> Center of Gravity & Stability of Bodies Kinematics	<b>UNIT – III</b> Laws of Chemical Combination Elements, Compounds, Mixtures and Solutions
<b>UNIT – IV</b> Polygons Sets & Venn Diagrams	<b>UNIT – IV</b> Pressure and Fluid Pressure Light Sources of Energy	<b>UNIT – IV</b> Classification of Elements
<b>UNIT – V</b> Linear equations, graphs & inequations Fundamental concepts of geometry	<b>UNIT – V</b> Waves Electricity	<b>UNIT – V</b> Structure of atom Water & Oxygen
<b>UNIT – VI</b> Circles Ratio & Proportion	<b>UNIT – VI</b> Heat Sound	<b>UNIT – VI</b> Metals and Non Metals Solids, Liquids & Gases
<b>UNIT – VII</b>	<b>UNIT – VII</b>	<b>UNIT – VII</b>

Number Theory Mensuration	Magnetism	Hydrogen & Its Properties Introduction to Organic Chemistry
<b>UNIT – VIII</b> Statistics Comm. Arithmetics	<b>UNIT – VIII</b> Friction	<b>UNIT – VIII</b> Carbon & its compounds Coal and petroleum

<b>9<sup>th</sup> class</b>		
<b>MATHS</b>	<b>PHYSICS</b>	<b>CHEMISTRY</b>
<b>UNIT – I</b> Real numbers Matrices	<b>UNIT – I</b> Measurements And Experiments Force and Laws of Motion	<b>UNIT – I</b> A matter – its nature & composition Symbols, Formulae and Equations
<b>UNIT – II</b> Triangles Polynomials and Factorization	<b>UNIT – II</b> Gravitation Fluids, Pressure & Fluid Pressure	<b>UNIT – II</b> Atoms, Molecules & Chemical Nomenclature Physical and Chemical Changes
<b>UNIT – III</b> Polygons Logarithms	<b>UNIT – III</b> Kinematics Simple machines & moments	<b>UNIT – III</b> Chemical Kinetics Elements, Compounds, Mixtures & Solutions
<b>UNIT – IV</b> Set Theory Trigonometry	<b>UNIT – IV</b> Work, Power & Energy Light	<b>UNIT – IV</b> Behaviour of Gases Classification of Elements
<b>UNIT – V</b> Linear Equations, Graphs & Inequations Elements of Geometry	<b>UNIT – V</b> Sound Motion in one Dimension	<b>UNIT – V</b> Water, Solution & Crystallization Atomic Structure
<b>UNIT – VI</b> Circles Quadratic Equations	<b>UNIT – VI</b> Heat Electricity	<b>UNIT – VI</b> Introduction to Organic Chemistry

		Chemical Bonding
<b>UNIT – VII</b> Statistics Mensuration	<b>UNIT – VI</b> Wave Motion Magnetism	<b>UNIT – VI</b> Principles of Metallurgy Hydrogen & Its proportion
<b>UNIT – VIII</b> Probability Coordinate Geometry Number Theory	<b>UNIT – VIII</b> Floating bodies	<b>UNIT – VIII</b> Carbon & Its Compounds Chemical Calculations Chemical Energetics

<b>10<sup>th</sup> class</b>		
<b>MATHS</b>	<b>PHYSICS</b>	<b>CHEMISTRY</b>
<b>UNIT – I</b> Real numbers Matrices	<b>UNIT – I</b> Units & dimensions Dynamics	<b>UNIT – I</b> Rate of reaction, chemical equilibrium & energetics Acids, Bases & Salts
<b>UNIT – II</b> Logarithms Polynomials	<b>UNIT – II</b> Gravitation Machines , fluids & viscosity	<b>UNIT – II</b> Metals and non metals Atomic structure
<b>UNIT – III</b> Ratio, Proportion and Variation Progressions	<b>UNIT – III</b> Kinematics Circular motion and Rotatory motion	<b>UNIT – III</b> Solutions Mole concept & Stoichiometry
<b>UNIT – IV</b> Statements and Sets & Relations Trigonometry & applications	<b>UNIT – IV</b> Light and Refraction Work, Power & Energy	<b>UNIT – IV</b> Periodic classification of elements Gaseous State

<b>UNIT – V</b>	<b>UNIT – V</b>	<b>UNIT – V</b>
Linear Equations, Graphs, Inequations & Linear Programming  Commercial Mathematics	Sound Current Electricity	Analytical Chemistry Carbon & Its Compounds
<b>UNIT – VI</b>	<b>UNIT – VI</b>	<b>UNIT – VI</b>
Statistics Quadratic Equations and Expressions	Heat Hydrostatics	Chemical Bonding Hydrogen & Water
<b>UNIT – VII</b>	<b>UNIT – VII</b>	<b>UNIT – VII</b>
Probability Mensuration	Static Electricity Magnetism	Metallurgy Nitrogen, Phosphorus & Their Compounds
<b>UNIT – VIII</b>	<b>UNIT – VIII</b>	<b>UNIT – VIII</b>
Coordinate Geometry Number theory Functions & Relations  Important formulae	Modern Physics SHM Important formulae	Alkali & Alkaline Earth Metals  Chemistry & Industry Important formulae