

# IIT ASHRAM

## ADMISSION CUM SCHOLARSHIP TEST SYLLABUS



### Class - 6<sup>th</sup>

**Physics :** Force & Energy, Earth & Universe, Light, Shadows & Reflections, Motion and Measurement of Distances.

**Chemistry :** Matter and its states, Changes around us , Sorting materials into Groups, Separation of Substances, Fiber to Fabric, Water and Air.

**Biology :** Animal & Plant life, Human Body and Health, The Ecosystem, Food and Nutrition.

**Maths :** Knowing our number, Whole number, Algebra, Measurement, Multiplication and Division, Basic Geometrical Ideas, Integers, Fractions ,Decimals, Area and its Boundary.

**Mental Ability :** Visual Reasoning (Paper Folding / Cutting, Series Completion), Deductions-Syllogisms, Series Completion (Letters and Numbers), Direction/Distance Problems, Venn Diagrams, Verbal Classification-Odd Man Out, Coding-Decoding Blood Relationships.