

# IIT ASHRAM

## ADMISSION CUM SCHOLARSHIP TEST SYLLABUS



### Class - 5<sup>th</sup>

**Physics** : Our Universe, Simple Machines, Force, Work, Energy, Light.

**Chemistry** : Elements, Symbols, Mixture, Compounds, Ions, Formulae Separation Techniques, Water and Air.

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

**Maths** : 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 (Letter and Numbers), Direction / Distance Problems, Verbal Classification - Odd man out, Coding-Decoding