



**SHIKSHAKUNJ**

Quality with...No Compromise

IIT- JEE | NEET | KVPY | NTSE

## STEP 2025 | CLASS- X

### SYLLABUS

#### SCIENCE

##### PHYSICS

- ◆ Light: Reflection and Refraction
- ◆ The Human Eye and the Colourful World
- ◆ Electric Current
- ◆ Magnetic Effect of Electric Current

##### CHEMISTRY

- ◆ Acid, Base and salt.
- ◆ Metals and Non-Metals
- ◆ Carbon and its compound
- ◆ Chemical reaction and equations

##### BIOLOGY

- ◆ Nutrition
- ◆ Respiration
- ◆ Transportation in Plant and Animals
- ◆ Excretion
- ◆ Control and coordination
- ◆ Reproduction in Plant and Animals
- ◆ Heredity
- ◆ Our Environment

#### MATHEMATICS

- ◆ Number system
- ◆ Polynomials
- ◆ Pair of linear equations in two variables
- ◆ Quadratic expressions and equations
- ◆ Arithmetic progression
- ◆ Co-ordinate Geometry
- ◆ Trigonometry & Application of Trigonometry
- ◆ Mensuration
- ◆ Circle and tangents
- ◆ Triangles
- ◆ Statistics
- ◆ Probability

#### MENTAL ABILITY

##### VERBAL

- ◆ Series
- ◆ Logical Sequence of words
- ◆ Coding and Decoding
- ◆ Analogy
- ◆ Logical venn Digarams
- ◆ Mathematical Operation
- ◆ Direction Sense Test
- ◆ Alphabet Test
- ◆ Puzzle Test
- ◆ Number
- ◆ Ranking and Ordering Test
- ◆ Inserting the Missing Character
- ◆ Blood Relation
- ◆ Arithmetic Reasoning

##### NON-VERBAL

- ◆ Series
- ◆ Analogy
- ◆ Mirror Images
- ◆ Completion of Incomplete Pattern
- ◆ Paper Folding and Paper Cutting
- ◆ Dice
- ◆ Cube