



**SHIKSHAKUNJ**

Quality with...No Compromise

**IIT- JEE | NEET | KVPY | NTSE**

## STEP 2025 | CLASS- VIII

### SYLLABUS

#### SCIENCE

##### PHYSICS

- ◆ Force and Pressure
- ◆ Friction
- ◆ Sound
- ◆ Chemical Effect of Electric Current
- ◆ Light

##### CHEMISTRY

- ◆ Materials : Metals and Non-metals
- ◆ Coal and petroleum
- ◆ Combustion and flame

##### BIOLOGY

- ◆ Crop Production and Management
- ◆ Micro-Organisms: Friend and foe
- ◆ Structure and functions of Cell
- ◆ Reproduction
- ◆ Reaching the age of Adolascence

#### MATHEMATICS

- ◆ Rational Number
- ◆ Linear equation in one variable
- ◆ Understanding Quadrilaterals
- ◆ Squares and square roots
- ◆ Comparing Quantities

- ◆ Algebraic expressions and Identities
- ◆ Mensuration
- ◆ Exponents and Powers
- ◆ Direct and Inverse proportions
- ◆ Factorization

#### MENTAL ABILITY

##### VERBAL

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

##### NON-VERBAL

- ◆ Series
- ◆ Mirror Images
- ◆ Water images
- ◆ Completion of Incomplete Pattern
- ◆ Paper Folding and Paper Cutting
- ◆ Constructions of Shapes