

# **VIBRO'NET (25-26) P2(19-01-2025)**

## **SYLLABUS OF 10<sup>th</sup> TO 11<sup>th</sup> MOVING**

### **MATHEMATICS:**

Polynomial (std-IX), Circles (std-IX), Heron's Formula , Statistics, Surface area and Volumes ,Lines, Angles, Triangles-Congruency & similarity of triangles and Quadrilaterals ,Number System ,Co-ordinate Geometry,Polynomial (std-X) Introduction to Trigonometry , Linear Equation in Two Variables, Probability Comparing Quantities,

### **PHYSICS:**

Motion, Force ,Gravitation,Sound,Work Power and Energy,Reflection of light Refraction of light, Human Eye.

### **CHEMISTRY:**

Atomic Structure, Atoms and Molecules, Acid Bases, Salts, Chemical Reaction, Metals and Non-Metals.

### **BIOLOGY:**

Diversity in living organism Natural Resources , Why do we fall ill, Nutrition Excretion, Respiration, Transportation in Animal,Transportation in Plants

### **MENTAL ABILITY:**

Blood Relation, Calendar ,Clock, Coding and Decoding, Counting Figure Cubes and Dice, Direction Sense, Embedded Figure, Mathematical Operation, Missing Character, Non-verbal Analogy, Non-verbal Series, Number Ranking, Puzzle Test, Sitting Arrangement, Syllogism