



# **VIBRANT ACADEMY (I) Pvt. Ltd.**

## **Syllabus**

**PT-4 (Advance)**

**Date : 11-10-20**

**Course Micro-XI Phase-IV (24 June Batch)**

### **Physics**

Unit and Dimensions, Vector, Basic Maths, Motion in a Straight Line, Projectile, Relative Motion, Constraint Motion, NLM, Friction, Circular Motion, Work Energy Power, Center of Mass, Momentum & Collision.

### **Maths**

Compound Angle, Logarithm, Inequalities, Quadratic Equation, Sequence & Series, Trigonometric Equation, Solution of Triangle (Till taught).

### **Organic Chemistry**

IUPAC Complete.

### **Physical Chemistry**

Mole Concept, Atomic Structure, Chemical Equilibrium (Till taught).

### **Inorganic Chemistry**

Quantum Numbers, Periodic Table & Periodic Properties, Chemical Bonding (Till taught).