

PHYSICS -PRACTICAL

| Month | Section | Units | Experiments | Periods |
|-----------------------|---------|---|--|------------------|
| June-July | 1 | Units and Measurement | 1. Screw Gauge 3 2. Vernier Calipers 3. Spherometer 4. Common Balance | 3 4 4 |
| August | 2 | Motion in a straight line Motion in a plane Laws of Motion Work, Energy, Power | 1. Parallelogram Apparatus 2. Inclined Plane 3. Coefficient of Friction | 3 3 3 |
| September- October | 3 | Motion of Rigid bodies Gravitation Mechanics of Solids Mechanics of fluids | 1. Moment Bar 2. Young's Modulus 3. Helical Spring 3 4. Viscosity 5. Surface Tension | 3 4 3 3 |
| November | 4 | Thermal Properties of matter Thermodynamics | 1. Newton's law of cooling 2. Specific Heat Capacity | 3 3 |
| December - January | 5 | Kinetic Theory of Gases Oscillations Waves | 1. Simple Pendulum 2. Helical Spring 4 3. Sonometer 4. Resonance Column | 3 4 4 4 |
| Total | | | | 60 |