

PH1202 Experiments

| Label | Title of Experiments |
|---------------|---|
| M1, M2, M3 | Verification Newton's 2nd Law: Air Track |
| M4, M5, M6 | Determination of Gravitational acceleration using reversible pendulum |
| G1, G2, G3 | Determination of Young's modulus of a metal bar using flexure method |
| G4, G5, G6 | Determination of surface tension of liquid |
| G7, G8, G9 | Determination of viscosity of liquid using Stoke's Law |
| H1, H2, H3 | Molar specific heat of metals and Dulong-Petit's Law |
| E1, E2, E3 | Construction of 1 ohm resistance |
| E4, E5, E6 | Study of resonance in series LCR AC circuit |
| E7, E8, E9 | Mapping of equipotential lines and electrostatic field lines |
| E10, E11, E12 | Study of Magnetic field in Helmholtz coils |
| O1, O2, O3 | Study of Couple Pendulum |