**PHL2501 Physics Lab L-T-P- 0 0 3, Cr: 01**

1. Determination of Young's modulus of material of a metallic bar by bending of beam method.
2. To determine the frequency of ac mains supply using sonometer.
3. Determination of the coefficient of viscosity of highly viscous liquid by Stoke's method.
4. Determination of surface tension of a liquid by capillary tube method.
5. Determination of acceleration due to gravity using compound pendulum.
6. Mass susceptibility of paramagnetic substance by Quinkes's method.
7. To determine the coefficient of viscosity of a liquid by rotating viscometer.
8. Determination of the thermo-electric power and MP of paraffin wax.