

B. Tech First Year Lab.

List of Experiments

1. To find the absorption coefficient of liquid with the help of photo voltaic cell.
2. To find the reduction factor of a tangent galvanometer.
3. To plot a graph between the distance of the knife edge from the C. G. and the time period of a bar pendulum. From the graph find the acceleration due to gravity.
4. Determination of the co-efficient of viscosity of glycerin or castor oil by falling sphere method.
5. To determine the value of acceleration due to gravity at a place by Kater's Pendulum.
6. Study of the variation magnetic field at the Centre of circular coil when turns remain same and raid vary.
7. To find the refractive index of the liquid using laser.
8. Determination of Young's modulus by bending of beam.
9. Determination of specific charge of electron.
10. Detection and measurement of ionization radiation by G M Counter.



