

## **PHYSICS SESSIONAL (VIRTUAL LAB)**

**Course No: PHY 102**

**Department of ME, IPE & NAME (Level-1, Term-2)**

- 1. VL-W2** Determination of acceleration due to gravity 'g' and verification of conservation of energy of a simple pendulum
- 2. VL-H1** Determination of the specific heat capacity of different materials
- 3. VL-E2** Determination of dielectric constant of a material using parallel plate capacitor
- 4. VL-G1** Determination of the Young's modulus of the material of a wire
- 5. VL-O3** Verification of Malus' law of polarization of light
- 6. VL-M1** Determination of the threshold frequency for the material of a photocathode and hence find the value of the Planck's constant