

PHYSICS SESSIONAL (VIRTUAL LAB)

Course No: PHY 102

Department of CSE (Level-1, Term-1)

- 1. VL-W1** Determination of the spring constant and the effective mass of a loaded spring
- 2. VL-G1** Determination of the Young's modulus of the material of a wire
- 3. VL-H1** Determination of the specific heat capacity of different materials
- 4. VL-M1** Determination of the threshold frequency for the material of a photocathode and hence find the value of the Planck's constant
- 5. VL-W2** Determination of acceleration due to gravity 'g' and verification of conservation of energy of a simple pendulum
- 6. VL-H2** To plot the thermo-electromotive force vs temperature (Calibration) curve for a given thermocouple