

PHYSICS SESSIONAL (VIRTUAL LAB)

Course No: PHY 102

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

- 1. VL-W1** Determination of the spring constant and the effective mass of a loaded spring
- 2. VL-H1** Determination of the specific heat capacity of different materials
- 3. VL-O1** Determination of the wavelength of monochromatic light by Young's double slit experiment
- 4. VL-W2** Determination of acceleration due to gravity 'g' and verification of conservation of energy of a simple pendulum
- 5. VL-H2** To plot the thermo-electromotive force vs temperature (Calibration) curve for a given thermocouple
- 6. VL-O2** Determination of the radius of curvature of a lens by Newton's rings experiment