

PHYSICS SESSIONAL (VIRTUAL LAB)

Course No: PHY 102

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

- 1. VL-W1** Determination of the spring constant and the effective mass of a loaded spring

- 2. VL-H2** To plot the thermo-electromotive force vs temperature (Calibration) curve for a given thermocouple

- 3. VL-E1** Verification of the Coulomb's law of electrostatics

- 4. VL-O2** Determination of the radius of curvature of a lens by Newton's rings experiment

- 5. VL-G1** Determination of the Young's modulus of the material of a wire

- 6. VL-M1** Determination of the threshold frequency for the material of a photocathode and hence find the value of the Planck's constant