

**B.Sc. Semester-I**  
**Practical: PH-MDC-2 (P)**

S.No.	Experiment
1	I-V Characteristics of solar cell and verification of inverse square law of intensity.
2	Study of Plane diffraction Grating.
3	Determination of focal length of convex and plano-convex lenses by auto collimation method.
4	Calibration of spectrometer.
5	Measurement and identification of spectral lines (Hg and Na source)
6	Intensity distribution curve of ordinary electric bulb using photo cell.
7	Study of solar spectrum
8	Sunspots activity analysis.
9	Measurement of Planck's constant using LED.
10	Measurement of wavelength of given LASER source using diffraction grating.