



**B. P. Poddar Institute of Management & Technology**  
**Department of Computer Science & Engineering**  
**CO, PO, PSO, MAPPING OF EXPERIMENTS**  
**Academic Year: 2018-19, Semester: 3<sup>rd</sup>**

**Laboratory Name: Physics-2 LAB**

**Room No.: A203 & A202**

**Course Name: Physics-2 LAB (PH 391)**

Sl. No.	STATEMENT OF COURSE OUTCOMES	CO	PO	PSO
1	Determination of dielectric constant of a given dielectric material.	CO1	PO1, PO2, PO8, PO9, PO10	-
2	Determination of the thermo-electric power at a certain temperature of the given thermocouple.	CO1	PO1, PO2, PO8, PO9, PO10	-
3	Determination of specific charge (e/m) of electron by J.J. Thomson's method.	CO2	PO1, PO2, PO8, PO9, PO10	-
4	Determination of Planck's constant using photocell.	CO4	PO1, PO2, PO8, PO9, PO10	-
5	Determination of Rydberg constant by studying Hydrogen/ Helium spectrum	CO5	PO1, PO2, PO8, PO9, PO10	-
6	Determination of Hall co-efficient of semiconductors.	CO3	PO1, PO2, PO8, PO9, PO10	-
7	Determination of band gap of semiconductors.	CO3	PO1, PO2, PO8, PO9, PO10	-
8	To study current-voltage characteristics, load response, areal characteristics and spectral response of photo voltaic solar cells.	CO3	PO1, PO2, PO8, PO9, PO10	-