

Department of Nanoscience & Advanced Materials,
Saurashtra University, Rajkot.

B.Sc./M.Sc. Applied Physics (Integrated) Semester – II
(Academic Year 2019 – 20)

LIST OF PRACTICALS

- 1) To study I–V characteristics of PN Junction Diode.
- 2) To study I–V characteristics of Zener Diode.
- 3) To study I–V characteristics of Light Emitting Diode.
- 4) To study I–V characteristics of Photo Diode.
- 5) To study characteristics of Half Wave Rectifier.
- 6) To study characteristics of Full Wave Rectifier.
- 7) To study input & output characteristics of Transistor in CB mode.
- 8) To study input & output characteristics of Transistor in CE mode.
- 9) To verify Newton's law of cooling for a given liquid.
- 10) To verify laws of vibrating string by Melde's experiment.