B.E. Computer Science Engineering/Information Technology

19 I/Z 111 Physics Laboratory

List of Experiments (Any Eight)

1. Determination of Hysteresis loss of a ferromagnetic material
2. Determination of resistivity of metal and alloy using Carey Foster bridge
3. Determination of Temperature Coefficient of Resistance of metallic wire using post office box
4. Determination of capacitance using LCR bridge
5. Study of reverse bias characteristics of Germanium diode and determination of its band gap
6. Study of I-V characteristics of solar cell and determination of its efficiency
7. Thermistor: Measurement of temperature and band gap
8. Study of characteristics of Photo Diode
9. Operational Amp. (741) – Inverting and non-inverting modes
10. Operational Amp. (741) – Integrator and differentiator