

# **Basic Electrical and Electronics Engineering Lab**

## **List of Experiments**

1. Study of electrical components.
2. To verify Ohm's law.
3. To verify Kirchhoff's current law
4. To verify Kirchhoff's voltage law.
5. To verify the total resistance of the series and parallel connected circuits.
6. Study of electronics components.
7. PN Junction diode forward and reverse bias characteristics
8. Zener diode characteristics.
9. Transistor CB characteristics (Input and Output)
10. Transistor CE characteristics (Input and Output)

## **Additional Experiments:**

11. Half wave rectifier
12. To find voltage current relationship for series RL circuit and determine power & power factor.