Electronic Devices Laboratory

To provide students with practical knowledge of the characteristics, operation, and applications of electronic devices such as PN junction diodes, Zener diodes, BJTs, FETs, MOSFETs, and other semiconductor devices through experimental analysis and circuit implementation.

Equipments

- Regulated DC Power Supply
- Digital Storage Oscilloscope (DSO)
- Digital Multi meter
- Function Generator
- Breadboard
- Ammeter (AC/DC)
- Voltmeter (AC/DC)
- CRO (Cathode Ray Oscilloscope)
- Decade Resistance Box
- Decade Capacitance Box

Electronic Components and Accessories

- PN junction diodes
- Zener diodes
- LEDs and photodiodes
- BJTs (NPN and PNP)
- JFETs and MOSFETs
- Resistors, capacitors, and inductors
- Potentiometers and variable resistors
- Transformers
- Switches, connectors, and jumper wires
- Connecting Wires and Probe Sets



