

List of Theory Topics

Printed Circuit board:

1. Introduction to circuit maker and Trax maker,
2. 2 To 1 And 4 To 1 Multiplexer Circuit Diagrams
3. Stepper Motor Circuit Diagram,
4. Astable And Bistable Multivibrators,
5. Clipper Circuits & 555 Timer Circuits,
6. Full wave Rectifier using Bread Board

Electrical Wiring:

1. Wire Joints, Soldering & Preparation of Cable Using Workstation,
2. Color code for network cable crimping,
3. Two way wiring & Types of Electrical Switches,
4. Staircase/go-down wiring,
5. AC Voltage Regulator,
6. Electrical wiring inside computer system

Electrical Measurement Lab:

1. Digital Laser Tachometer,
2. Cable Locator,
3. Thermo-hygrometer,
4. Sound level Meter,
5. Clamp Multimeter,
6. EMF Meter,
7. Noise Dose Meter,
8. Megger,
9. LCR Meter,
10. Analog Multimeter.