

Electrical and Electronics Workshop

Description
To Understand & Draw the symbols of various electronic devices
To Identify resistors, capacitors using Different codes
To study digital multimeter and perform testing of various components
To study Soldering and de-soldering techniques
Printed Circuit Board (PCB) making
PCB Design / Layout using PCB Editor
PCB Layout printing using PCB Editor
Introduction of tools, electrical materials, symbols and devices etc
Introduction to Wires and Cables
Introduction to Magnetic Contactor & Different Actuators
To prepare wiring for a fluorescent tube light with switch control.
To wire for a stair case arrangement using a two-way switch

Sr.	Apparatus Name
1	Digital oscilloscope
2	Analog oscilloscope
3	Function generator
4	DC. Power supply unit
5	Laboratory Dc power supply
6	Digital Multi Meter
7	Heat gun with glue Stick
8	Project Board

9	Electrical Tester kit
10	UNI-T UT262A Non-Contact Phase Detector
11	tu-109 Pair of Pliers(1 piece)
12	Wire Cutter
13	Wire Stripper
14	PCB Drill Machine
15	PCB Drill Machine Stand
16	Heat Air Gun
17	Tester tool kit
18	Soldering with stand
19	Magnifies Glass Stand
20	Wiring Board