



ELECTRONIC DEVICES AND CIRCUITS LABORATORY

All basic Electronic devices and their characteristics, applications can be studied. Using these devices the small electronic circuits can be constructed and can be checked.

Laboratory In-charge : Ms.B.Kiruthia
Technical supporting staff : Mr.J.Jayakannan
Area of the laboratory : 127.38 m²
Established year : 2011
Established cost : Rs.14,09,601/-



Snapshot of Electronic devices and circuits laboratory

MAJOR EQUIPMENT:

Cathode Ray Oscilloscope	-	30MHZ Dual Channel Oscilloscope
Function Generator	-	3MHZ DDS with Display
Dual regulated power supply	-	0-30v/2A
Decade Resistance Box	-	DRB-5

Decade Inductance Box	-	DIB-5
Decade Capacitance Box	-	DCB-5
Cathode Ray Oscilloscope	-	30MHZ Dual Channel Oscilloscope
Function Generator	-	3MHZ DDS with Display
Dual Regulated power supply	-	0-30v/2A
Orcad PCB Design Site	-	***
DC Ammeter Analog	-	0-10 MA DC
DC Ammeter Analog	-	0-25 MA DC
DC Ammeter Analog	-	0-50 MA DC
DC Ammeter Analog	-	0-100 MA DC
DC Ammeter Analog	-	0-250 MA DC
DC Ammeter Analog	-	0-200 MICRO AMPS DC
DC Voltmeter	-	0-10 V DC
DC Voltmeter	-	0-30 V DC
DIGITAL Function generator	-	1 MHz
Decade Resistance Box	-	5 Dial, 1 Ω - 1 M Ω
Decade Inductance Box	-	5 Dial,
Voltmeter (Digital)	-	0-200 MV DC
Voltmeter (Digital)	-	0-2 V DC
Voltmeter (Digital)	-	0-20 V DC
Voltmeter (Digital)	-	0-200 V DC
DC Ammeter Digital	-	0-2 MA DC
DC Ammeter Digital	-	0-20 MA DC
DC Ammeter Digital	-	0-200 MA DC
DC Ammeter Digital	-	0-2 A DC
DC Ammeter Digital	-	0-20 A DC

AC Voltmeter (Digital)	-	0-2 V AC
AC Voltmeter (Digital)	-	0-20 V AC
AC Voltmeter (Digital)	-	0-200 V AC
DC Ammeter Analog	-	0-100 MICRO AMPS DC
Regulated Power Supply	-	0-50 V , 2A
Regulated Power Supply	-	±5 V , 2A
Digital Multimeter	-	AC & DC Voltage / Current, Resister values Measurement
Analog Multimeter	-	AC & DC Voltage / Current, Resister values Measurement
Digital LCR Meter	-	LCR915 Test Frequency :100KHz/10KHz/1 KHz, Auto power Off, 0.2% Basic Accuracy, Dual Display 20,000/2,000 counts
DC Voltmeter	-	0-100 V DC
DC Voltmeter	-	0-30 V DC
DC Voltmeter	-	0-1 V DC
DC Ammeter	-	0-30 MA
Digital LCR Meter	-	Test Frequency :100KHz/10KHz/1 KHz, Auto power Off, 0.2% Basic Accuracy, Dual Display 20,000/2,000 counts