

Name of Lab: Advance Electronics Lab**Floor Area: 66 Sq. m.**

S. N.	Items	Specifications	Make	Qty.
1.	Dual DC Variable Current Source (Model No.- LV-30B)	Variable Current Source, 0 to 30 Volt	Vijai	02
2.	Digital Multimeter (Model No.- 4011)	3 ½ Digits	Vijai	03
3.	Transistor Characteristics (CB, CC, CE) (Model No.- JT-10)	Built in Regulated, continuously variable and short circuit proof power supply.	Vijai	03
4.	Diode Characteristics with two DPM	Diode (IN-4007 si) with two DPM	Vijai	03
5.	Characteristics of Zener Diode & Zener Regulator with two DPM (Model No.- Z-10)	Built in Regulated, continuously variable and short circuit proof power supply.	Vijai	01
6.	Study of Emitter follower/ Darlington Pair Amplifier (Model No.- FD-10)	Use of Power Transistor in the output stage, which ensures safe working for large currents.	Vijai	01
7.	Study of Single Stage RC Coupled Amplifier+ Audio Oscillator (Model No.- RC-10)	This is a two-stage transistor amplifier with a provision for positive and negative feedback.	Vijai	01
8.	Study of Solid State Power Supply (Model No.- PS-12)	Solid State Power Supply, 0 to 15 Volt	Vijai	02
9.	Half Wave Rectifier and Filter with two DPM (Model No.- HR-02)	Semi- conductor diodes are used for rectification purpose.	Vijai	01
10.	Full Wave Rectifier and Filter with two DPM (Model No.- FW-01)	Low Voltage A.C. supply for rectification purpose is used so that the wave shape can directly be seen on C.R.O.	Vijai	01
11.	Bridge Rectifier and Filter with two DPM (Model No.- BR-02)	For making different types of filters, two inductors and three capacitors are provided.	Vijai	01
12.	DC Variable Source (Model No.- LV-30/1)	Solid State Power Supply, 0 to 30 Volt	Vijai	05
13.	Bread Board with Power Supply (Model No.- BB-12)	With Power Supply, 5Volt, +/-0 to 30Volt DC.	Vijai	05
14.	Transistor Hartley Oscillator (Model No.- H-10)	Built in I.C. Regulated, continuously variable and short circuit proof +/-15V power supply.	Vijai	02
15.	Study of A, AB & B Push Pull Amplifier (Model No.- PP-10)	Built in I.C. Regulated, continuously variable and short circuit proof +/-15V power supply.	Vijai	01
16.	Oscilloscope (CRO) (Model No.-201)	20 MHz Dual Trace	Vijai	01

17.	Function Generator (3MHz) (Model No.- HM-5030-4)	Function Generator (3MHz)	Vijai	01
18.	Variable Current Source (Model No.- LV-30/2)	Solid State Power Supply, Variable Source 0 to 30 Volt	Vijai	05
19.	Audio Frequency Oscillator (Model No.- 712)	(20Hz to 200KHz)	Vijai	04
20.	Transformer Coupled Amplifier Audio Oscillator (Model No.- CT-10)	Built in Regulated, continuously variable and short circuit proof power supply.	Vijai	01
21.	RC Phase Shift Oscillator + Audio Oscillator (Model No.- RC-12)	Built in I.C. Regulated, continuously variable and short circuit proof +/-15V power supply.	Vijai	01
22.	Colpitts Oscillator (Model No.- CO-12)	Built in I.C. Regulated, continuously variable and short circuit proof +/-15V power supply.	Vijai	02
23.	H-Parameters of Transistor (Model No.- H-01)	A transistor has low input impedance and high output and high output impedance	Vijai	01
24.	AC Milli Volt Meter (Model No.- 536)	Range (0.1 mV to 200, 0-20, 0-2 Volts)	Vijai	
25.	JFET (Model No.- TMS-EDC-105)	With built in +/- 12V/ 350 mA Variable Source	Trinity	01
26.	MOSFET (Model No.- TMS-EDC-106)	+ 12V, +/- 3V/ 350 mA DC Variable Source	Trinity	01
27.	UJT Characteristics & UJT Relaxation Oscillator (Model No.- TMS-EDC-111)	UJT, + 12V/ 350 mA DC Power Supply	Trinity	02
28.	Oscilloscope (CRO) (Model No-ST-251)	4- Trace, 25 MHz	Scientech	01
29.	Multivibrator Kit (Model No.- MV-12)	Study of Bistable, Free running & Monostable Multivibrator.	Vijai	01