



MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

Kalitheerthalkuppam, Madagadipet, Puducherry - 605 107

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Name of the lab: ELECTRONICS LAB

Name of the Practical Course being Conducted:

SI No.	Name of the Practical Course	Department	Semester
1	ELECTRONICS I LAB	EEE	III
2	ELECTRONICS II LAB	EEE	IV
3	ELECTRONICS III LAB	EEE	V
4	ELECTRONIC DEVICES AND CIRCUITS LAB	IT	III
5	ELECTRICAL AND ELECTRONICS LAB	MECH	III

List Of Equipment Available:

S.NO	NAME OF THE EQUIPMENT	QTY	Price /Unit	Total Cost
1.	Regulated DC Power supply (0-30V/0-2A)	10 Nos	12500	125000
2.	Regulated Tracking Power supply (+/-15V/2A)	10 Nos	4250	42500
3.	Four output regulated power supply(+/-15V/0.5A,0-30V/2A,5V/5A,+/-12V)	2 Nos	10750	21500
4.	Half Rack Regulated Power supply 32V/2A	15 Nos	5500	82500
5.	SCR Power supply Output 5V/5A (FIXED POWER SUPPLY)	10 Nos	3750	37500
6.	Ammeter (0-1) mA	6 Nos	400	2400
7.	Ammeter (0-10) mA	6 Nos	400	2400
8.	Ammeter (0-20) mA	5 Nos	400	2000
9.	Ammeter (0-30) mA	10 Nos	400	4000
10.	Ammeter (0-50) mA	5 Nos	400	2000
11.	Ammeter (0-100) mA	15 Nos	400	6000
12.	Ammeter (0-500) mA	5 Nos	400	2000
13.	Ammeter (0-100) μ A	5 Nos	450	2250
14.	Ammeter (0-250) μ A	10 Nos	450	4500
15.	Ammeter (0-500) μ A	10 Nos	450	4500
16.	Voltmeter(0-1)V	10 Nos	400	4000
17.	Voltmeter(0-3)V	5 Nos	400	2000
18.	Voltmeter(0-5)V	10 Nos	400	4000

19.	Voltmeter(0-10)V	35 Nos	400	14000
20.	Voltmeter(0-30)V	25 Nos	400	10000
21.	Voltmeter(0-250V)	2 Nos	400	800
22.	Voltmeter(0-300V)	2 Nos	400	800
23.	Digital Trainer Kit with IC base	10 Nos	5500	55000
24.	Decade Resistance Box-6 dials	20 Nos	1700	34000
25.	Decade Inductance Box-5 dials	10 Nos	2450	24500
26.	Decade Capacitance Box-5 dials	10 Nos	2100	21000
27.	Dual Trace Oscilloscope with component Tester SM410 (30MHz)	10 Nos	14857	148570
28.	Power Clamp Meter	1 No	11885	11885
29.	Function Generator SM5070 (3MHz)	10 Nos	7428.57	74285
Total cost of the lab				7,45,890