



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

DUNDIGAL – 500 043, HYDERABAD

ELECTRICAL AND ELECTRONICS ENGINEERING

Room No: 1314

Lab Name: ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY

Even Semester: Electrical and Electronic Engineering Laboratory						
S.No	Name of the Equipment	Make	Model	Quantity	Cost per unit (Rs.)	Total cost (Rs.)
1	Regulated power supply (0-30V/2A)	Physitech Electronics	PHY 8230D	5	6,720	33,600
2	Cathode ray oscilloscope (0-20 MHz)	Physitech Electronics	DSO-5025A	2	14,625	29,250
3	Function generator (0.1 Hz -1MHz)	Physitech power Systems ltd	FT-2301	2	2,950	5900
4	Digital Voltmeters (0-20 V) MC	Physitech Electronics	Digital	5	960	4800
5	Digital Ammeters (0-200 mA) MC	Physitech Electronics	Digital	5	960	4800
6	Breadboards	Modern Electronics	Icon Devices	10	150	1500
7	Multi meters (1 kV/ 20 A)	SS Lab	Digital	1	1950	1950
8	Resistors (100 Ω , 150 Ω , 220 Ω , 470 Ω , 1k Ω , 2.2k Ω)	Modern Electronics	R	75	15	1125
9	Transistors - BC 107, 2N2646, SCR - XL084	Icon devices	BC 107	20	20	400
10	Zener diodes (4V7)	Icon devices	4V7	20	2	40
11	PN junction diodes (1N4007)	Icon devices	4007	20	1	20

HOD/EEE