

UTILISATION OF ELECTRICAL ENERGY LAB

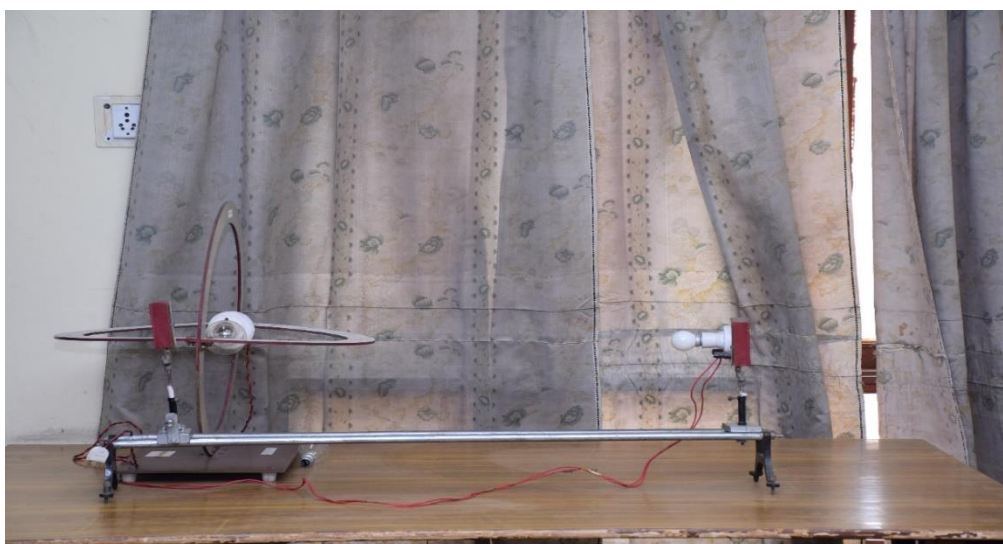
About the Lab:

Block 6, 631, Second Floor, EEE Department, MAIT

Lab Incharge: Mr. Jitender Lather

Lab Assistant: Mr. Sumit Kumar

Lab Attendant: Mr. Manoj Kumar



LIST OF EQUIPMENTS

S.No.	DESCRIPTION	QUANTITY
1	To study charging discharging of super capacitor kit	01
2.	To study braking scheme of traction motor	01
3.	To study characteristics of welding transformer	01
4.	To study demonstration of resistance heating (water load)	01
5.	Experimental setup for Measurement of light intensity of different lamps and draw the curves	02
6.	Multi-Meter	01
7.	Digital Lux Meter	01
8.	Ammeter/voltmeter set (60A/60V)	01
9.	Ammeter/ voltmeter set (20A/500V)	01
11.	Digital thermometer	01
12.	Fire resistant gloves	01
13.	Welding Apron	01
14.	Rheostat	01
15.	Tachometer digital	01
16.	Wattmeter (75/150/300 V) 0-1-2A. S.No. 5067/06 (with above set up)	01
17.	Wattmeter (5/10A, 75/150/300V)	01
18.	Wattmeter (1/2A, 150/300/600V)	01
19.	Decade Resistance	03
20.	Decade Capacitor	01
21	PLC Trainer kits	06
22.	Phase shif transformer	01
23.	Pick and place stand	01
24.	Experimental setup for C.T testing	01
25	Experimental setup for C.T testing	01