

ELECTRICAL TECHNOLOGY LAB

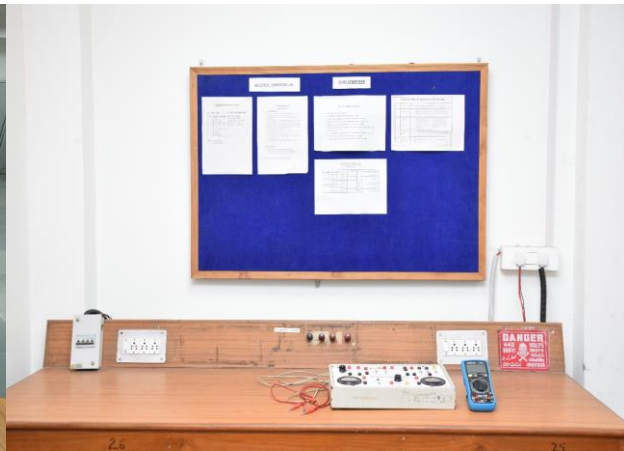
About the Lab:

Block 5, 522 and 524, Second Floor, Applied Sciences Department, MAIT

Lab Incharge: Mr. Sunil Kumar Pandey

Lab Assistant: Mr. Vikas Mathur

Lab Attendant: Mr. Jeet Singh



LIST OF EQUIPMENTS

S.NO.	ITEM	RANGE	QUANTITY
1	AMMETER	0-15/30mA	1
2	AMMETER	0-1A	8
3	AMMETER	0-2A	8
4	AMMETER	0-1/2 A	5
5	AMMETER	0-5A	4
6	AMMETER	0-5/10 A	17
7	AMMETER	0-10/20 A	7
8	VOLTMETER	0-125/250V	18
9	VOLTMETER	0-250 V	1
10	VOLTMETER	0-150/300V	10
11	VOLTMETER	0-300/600V	5
12	VOLTMETER	0-30V	3
13	VOLTMETER	0-75V	1
14	VOLTMETER	0-50/100V	2
15	VOLTMETER	0-150V	2
16	VOLTMETER	0-250V	1
17	VOLTMETER	0-75/150V	2
18	WATTMETER	150/300/600V, 5/10A	15
19	WATTMETER	75V, 10/20A	2
20	WATTMETER	75V, 5/10A	1
21	WATTMETER	62.5/125/250V, 1/2A	1
22	WATTMETER	75/150/300V, 1/2A	1
23	WATTMETER	150/300V, 1/2A	2
24	WATTMETER	250V, 5/10A	1
25	WATTMETER	150/300/600V, 10/20A	1
26	SINGLE PHASE VARIAC	10A, 240V	16
27	SINGLE PHASE VARIAC	6A, 240V	1
28	MEGGAR		1
29	DC SUPPLY	0-270V	2
30	3 PHASE VARIAC	0-470V, 10A	3
31	3 PHASE RESISTIVE LOAD	3 ϕ , 5.1KW, 440V	3
32	INDUCTIVE LOAD(SINGLE PHASE)	5A, 250V	5
33	ENERGY METER		4
34	RESISTIVE LOAD(SINGLE PHASE)	3.5KW, 250V	5
35	RESISTIVE LOAD(SINGLE PHASE)	2KW, 250V	2
36	RESISTIVE LOAD(SINGLE PHASE)	2.5KW, 250V, 50Hz	2

37	TRANSFORMER(SINGLE PHASE)	1KVA, PRIM. 220V, SEC. 110V, 50Hz	2
38	TRANSFORMER(SINGLE PHASE)	2KVA, PRIM. 220V, SEC. 110V, 50Hz	4
39	TACHOMETER		2
40	STOPWATCH		2
41	SUPERPOSITION THEOREM KIT		4
42	THEVENINS THEOREM KIT		5
43	RECIPROCIY THEOREM KIT		5
44	MAXIMUM POWER TRANSFER THEOREM KIT		4
45	NORTON & THEVENIN THEOREM KIT		2
46	RHEOSTAT		32
47	DC SHUNT MOTOR	12A, 1500rpm	3
48	3 PHASE MOTOR	0.5 HP	3
49	DIGITAL MULTIMETER		6