

CIRCUITS AND SYSTEMS LAB

About the Lab:

Block 6, 645 and 646, Third Floor, EEE Department, MAIT

Lab Incharge: Ms. Poonam Juneja

Lab Assistant: Mr. Manoj Singh

Lab Attendant: Mr. Jeet Singh



LIST OF EQUIPMENTS

S.No.	EQUIPMENT	QUANTITY
1	Signal Generator counter	1
2	Spectrum Analyzer	1
3	A.F. Milli Ameter (0-5ma)	1
4	A.C. Milli voltmeter	3
5	I.C. Regulator DC power supply/Semiconductor Application 302510	2
6	DC Power Supply 220V,20A	2
7	Power Supply trinity	8
8	Triple power supply	5
9	Mono power Supply Scientific30V,2A	5
10	Function Generator	2
11	Digital Multimeter	3
12	Multimeter Rishabh	4
13	Multimeter Unity	4
14	Multimeter Trinity Yellow	6
15	Multimeter Mast tech	4
16	Solid State AC Milli Voltmeter	2
17	Audio Amplifier	1
18	Ammeter 0-3 A	1
19	Ammeter 0-10/20 A	2
20	Ammeter 0-1/2 A	2
21	Voltmeter 0-3V	1
22	Voltmeter 0-15/30V	15
23	Voltmeter 0-250V	2
24	MI Voltmeter 0-3V125/250	6
25	MC Voltmeter 0-125/250V	2
26	Ammeter 0-100ua	2
27	Ammeter 0-200ua	2
26	Ammeter 0-300ua	2
27	Ammeter 0-500ua	2
28	Ammeter 0-15/30ma	15
29	Ammeter 0-1/2a	2
30	Ammeter 0-5/10a	2
31	Ammeter 0-15/30ma	10
32	Training Board Passive filters	2
33	Fixed inductance 20ua,6a	3
34	Fixed inductance 10ua,6a	2
35	Condenser100mfd	2
36	Condenser150mfd	2
37	Adaptor6V	2
38	Soldering Iron	3
39	Soldering Iron Stand	5
40	Tranformer6-0-6	1
41	Tranformer12-0-6	1

42	Bread Board	25
43	C.R.O. Demonstrator Type	1
44	C.R.O. Scientific 30mhz	4
45	C.R.O. Caddo Scientific 25mhz	2
46	C.R.O. Probe	5
47	Fourier Analysis Kit omega	4
48	Fourier Analysis Kit Square/clipped wave	2
49	Freq response of Different filter	4
50	Tellegan Theorem Kit Nisco	4
51	Tellegan Theorem Kit Trinity	3
52	Reciprocity Trinity	2
53	Cascade Two port N/W Trinity	8
54	Cascade Two port N/W Nisco	6
55	Cascade Two port N/W Rajat Premier	8
56	Thevenin And Norton Theorem Trinity	3
57	Superposition Theorem Trinity	3
58	Maximum Power Transfer Theorem Trinity	3
59	Millman Theorem Kit Nisco	2
60	Transient response of RLC Circuit Nisco	2
61	Transient response of RLC Circuit Rajat Premier	4
62	DC Power Supply 02/98	2
63	Digital Storage Oscilloscope Rajat Premier	4