

ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

Aditya Nagar, ADB Road, Surampalem – 533437.

Department of Electronics and Communication Engineering

MICROWAVE ENGINEERING & OPTICAL COMMUNICATION LAB

List of Hardware Equipment

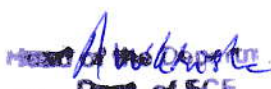
S.No	Name Of The Equipment	Total Units
1	Cooling fans	5
2	Cooling Fans	2
3	Circulator	1
4	Circulator	1
5	Circulator	2
6	Detector Mount	6
7	Detector Mount	2
8	E-Plan Bend	1
9	Frequency Meter	1
10	Frequency Meter	2
11	Fixed Attenuator	3
12	Fixed Attenuator	3
13	Gunn Oscillator	2
14	Gunn Oscillator	1
15	H-Plan Tee	1
16	H-Plan Bend	1

17	Isolator	1
18	Isolator	3
19	Isolator	1
20	Klystron Power Supply	2
21	Klystron Power Supply	1
22	Klystron Power Supply	1
23	Klystron Mount with Tube	4
20	Klystron Mount with Tube	2
21	Laser Trainer Kit	1
22	Laser Trainer Kit	1
23	Movable Short	4
24	Matched Termination	4
25	Matched Termination	2
26	Magic Tee	2
27	Multi Hole Directional Coupler	3
28	Multi Hole Directional Coupler	1
29	Multi Hole Directional Coupler	1
30	Optical Fiber Trainer Kit	1
31	PIN Modulator	2
32	PIN Modulator	1
33	Slotted Section with Probe Carrier	3
34	Slotted Section with Probe Carrier	5
35	Solid State Gunn Power Supply	2
36	Solid State Gunn Power Supply	1

37	S.S Tuner	2
38	Standard Gain Horn	1
39	Shorting Plate	2
40	Tunable Probes	6
41	Tunable Probes	1
42	Tunable Probes	5
43	Tripod Stand	2
44	Variable Attenuator	1
45	Variable Attenuator	3
46	Variable Attenuator	1
47	VSWR Meter Solid State	1
48	VSWR Meter Solid State	3
49	VSWR Meter Solid State	2
50	wave guide stands	24
51	Stands with Rail Hold pyramidal horn Antenna one set	4
52	Wave Guide Twist	1
53	Microwave Bench Setup(klystron)	1
54	Function Geherator	2
55	C.R.O.	1
56	Klystron Power Supply	2
57	PC Controlled Turn Table	1
58	Pyramidal Horn Antenna RX-TX	2
59	Parabolic antenna	2
60	Radiation Pattern turn table	2

61	Cathode Ray Oscilloscope(30MHz Dual Trace)	0
62	one Meter fibre optic cable	4
63	TWO METER FIBRE OPTIC CABLE	4
64	THREE METER FIBER OPTIC CABLE	2
65	FIVE METER FIBER OPTIC CABLE	2
66	Optical Fiber Trainer(analog)	2
67	AMMETERS	2
68	Optical Fiber Trainer(Digital)	2
69	Digital Storage Oscilloscope	1
70	Optical Fiber Trainer (Digital)	1
71	FUNCTION GENERATOR	2


Lab In-charge


Head of the Department.
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