



ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

Aditya Nagar, ADB Road, Surampalem – 533437.

Department of Electronics and Communication Engineering

COMMUNICATION LAB

List of Hardware Equipment

S.No.	Name	Quantity
1	Cathode Ray Oscilloscope (Analog 30 MHz)	12
2	Digital Multimeter	15
3	Digital CRO (50 MHz)	4
4	Function Generator(1MHz)	15
5	Function Generator(10MHz)	1
6	Regulated power Supplies	15
7	Spectrum Analyzer	1
8	Ammeters	26
9	Volt Meters	22
10	AC KITS	
a	Analog Sampling & Reconstruction	3
b	Amplitude Modulation & De Modulation	3
c	Balanced Modulation & De Modulation	4
d	Frequency Modulation & De Modulation	3
e	PWM Modulation & De Modulation	4
f	PPM Modulation & De Modulation	3
g	Pulse Amplitude Modulation & De Modulation	3
h	Phase locked loop	3
i	Pre-Emphasis & De-Emphasis	2
j	SSB System	3
k	AGC Characteristics	3
l	AM Diode detector	3
m	Mixer Characteristics	3

n	Squelch Circuits	3
11	DC KITS	
a	ASK Modulation & De Modulation	1
b	Delta Modulation & De Modulation	5
c	DPSK Modulation and De-Modulation	2
d	DPCM	2
e	FSK Modulation & De Modulation	4
f	Pulse Code Modulation & De Modulation	4
g	PSK Modulation & De Modulation	4
h	Time Division Multiplexing	4
i	Digital Phase detector	3
j	Frequency Synthesizer	3
k	Synchronous Detector	3
l	Binary Codes Encoder & Decoder	4
m	Companding	3
n	Linear Block Codes Encoder & Decoder	3
O	Source Encoder & Decoder	3
P	Convolution Codes Encoder & Decoder	3



Lab In-charge



Head of the Department.

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