



AKRG COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved By A.I.C.T.E., New Delhi and Affiliated to JNTUK, KAKINADA)

NALLAJERLA, W.G.Dt., (A.P)-534112

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

ANALOG & DIGITAL COMMUNICATIONS LABORATORY

List of Equipments:

S No	Name Of The Equipment	Quantity
1	DMM	5
2	Synchronous Detector Kit	1
3	SSB System Kit	1
4	Diode Detector Kit	2
5	Phase Locked Loop Kit	2
6	Frequency Synthesizer Kit	2
7	Digital Phase Detector Kit	1
8	SSB Trainer Kit	1
9	Voltage Controlled Oscillator Kit	1
10	Squelch Circuit Kit	2
11	Pre-Emphasis & De-Emphasis	1
12	RPS	10
13	DRB	6
14	DCB	6
15	DIB	6
16	AGC Kit	1
17	Frequency Modulation & Demodulation Kit	1
18	Balanced Modulator Kit	1
19	Pulse Amplitude Modulation & Demodulation Kit	1
20	Pulse Width Modulation & Demodulation Kit	1
21	Pulse Position Modulation & Demodulation Kit	1
22	Sampling Theorm Kit	1
23	Time Division Multiplexing & Demultiplexing Kit	1
24	Pulse Code Modulation & Demodulation Kit	1
25	DPCM Trainer Kit	1
26	Delta Modulation & Demoulation Kit	1
27	FSK Trainer Kit	1
28	PSK Trainer Kit	1
29	DPSK Modulation & Demodulation Kit	1
30	CRO (e-z)	10
31	Digital Storage Oscilloscope	2
32	Function Generators	10
33	Bread Boards	10
34	TMS 320XXXX DSP TRAINER	1
35	Pulse Code Modulation Kit	1
36	Pulse Code Demodulation Kit	1
37	CRC Encoder / Decoder & MSK Modulation / Demodulation Kit	1
38	Convolution Encoder & Viterbi Decoder Kit	1
39	Logic Analyser	1

Approximate Equipment Cost: 5.38 Lakhs