



**AVIT**  
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY



VINAYAKA MISSION'S  
RESEARCH FOUNDATION  
(Deemed to be University under section 3 of the UGC Act 1956)



Accredited by NAAC



Approved by AICTE

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**LIST OF EQUIPMENTS**

**LOCATION: COMMUNICATION LAB**

**LAB COURSE NAME: ANALOG AND DIGITAL COMMUNICATION LAB**

**LAB CODE: 17ECE89**

S.NO	Particulars	Specification	Quantity
1.	Cathode Ray Oscilloscope	EZ/20MHz	3
2.	Cathode Ray Oscilloscope	ESCORD/100MHz	2
3.	Cathode Ray Oscilloscope	TEK/30MHz	2
4.	Regulated Power Supply	Systems(0-30)V,2A	1
5.	Regulated Power Supply	Intel/(0-35)V5,2A	5
6.	Regulated Power Supply	Micronet/(0-30)V,2A	1
7.	Regulated Power Supply	Intel(0-300)V,105mA	2
8.	Fixed Power Supply +5V	Intel/+5V,1A	3
9.	Fixed Power Supply +/-5V	Intel/+/-5V,1A	1
10.	Fixed Power Supply +/-15V	Intel/+/-5V,1A	5
11.	Decade Resistance box	Intel/Variable Type 6 knobs	2
12.	Decade Resistance box	Intel/Variable 5 Knobs	3
13.	Decade Resistance box	Intel/Wheel rotate type	3
14.	Decade Capacitance	Intel/Variable type 5 knobs	8
15.	Decade Inductance	Intel/Variable type 5 knobs	7
16.	Function Generator	Intel/Audio Oscillator 100KHz	1
17.	Function Generator	Systems/sine/Square generator	1

18.	AM/FM Signal Generator	Unique	3
19.	Digital Storage Oscilloscope	Scientech/25MHz	2
20.	Digital Storage Oscilloscope	Scientific/20MHz	1
21.	Digital Storage Oscilloscope	Falcon/25MHz	5
22.	Digital Demodulation	Labtech	1
23.	PLL Multiplier		1
24.	Frequency Modulation	Labtech	1
25.	ST2101 Sampling	Scientech	1
26.	ST2102 TDM Pulse	Scientech	1
27.	ST1203 TDM Pulse code	Scientech	1
28.	ST1204 TDM Pulse code	Scientech	1
29.	ST2106 Data Formatting	Scientech	1
30.	ST2107 Carrier Demod	Scientech	1
31.	ST2201 DSB/SSB AM	Scientech	1
32.	ST2202 DSB/SSB AM	Scientech	1
33.	ST 2203 Frequency	Scientech	1
34.	ST 2205 Noise Audio	Scientech	1
35.	ACL-01 Amplitude	Falcon	1
36.	ACL-02 Amplitude	Falcon	1
37.	ACL-03 Frequency	Falcon	1
38.	ACL-04 Frequency	Falcon	1
39.	ACL-05 Noise Spectral	Falcon	1
40.	ACL-06 FDM Transmitter	Falcon	1
41.	ACL-07 Fourier	Falcon	1
42.	DCT-03 Data Communication	Falcon	1
43.	B-Link4 ISDN Trainer System	Falcon	1
44.	DCS-01 Digital Communication	Falcon	5
45.	Colour digital storage	Falcon	15
46.	Generator with Frequency	Falcon	15
47.	Power Supply Multichannel	Falcon	10
48.	ACL-01 Amplitude	ACL-01	2
49.	ACL-02 Amplitude	ACL-02	2
50.	ACL-03 Frequency	ACL-03	2
51.	ACL-04 Frequency	ACL-04	2
52.	DCL-08 PAM/PWM/PP	ACL-08	2
53.	Signal Generator	Loadstar SG4160B	1
54.	Audio power meter	Systems	2

55.	Fixed power supply	Intel	1
56.	Strain Measurement	Unique	3



HOD/ ECE