

Laboratory Major Equipment Details

LABORATORY	MAJOR EQUIPMENT /SETUP DETAILS
COMMUNICATION LAB (ANALOG & DIGITAL)	A /D Converter (ST2601)
	D/A Converter (ST 2602)
	Delta Modulator & Adaptive Delta Modulator (ST 2105)
	Data Formatting & Carrier Modulation Trainer (ST 2106)
	Carrier Demodulation Trainer(ST 2107)
	Variable data Generator (ST 2111)
	QAM Trainer (ST 2112)
	Digital Storage Oscilloscope Model-Caddo9060 With Color LCD
	DSB/SSB AM Transmitter Trainer (ST 2201)
	DSB/SSB AM Receiver Trainer(ST 2202)
	FM Modulation/Demodulation Trainer (ST 2203)
	FM Communication Trainer(ST 2204)
	Noise-Audio Amplifier Trainer(ST 2205)
	FDM Trainer(ST 2211)

	AM/FM Function Pulse Generator (ST 4062)
	Advance CRO 25 MHz, Two channel 4 trace oscilloscope with 10 MHz function pulse generator.
	Function Generator-20MHz
	CRO –60MHz 30MHz 20MHz
	Lab view software-10 user
	Function Generator-2MHz-
	DSA-1030-9KHz to 3 GHz Spectrum Analyzer
	CDMA-02 Mobile Communication Trainer
	BLINK-4 ISDN Training system
	LTS-01 LAN Trainer,LSIM-LAN Protocol Simulator and Analyzer Software
	ST-2103 TDM PCM Transmitter Trainer.
	ST-2104 TDM PCM Reciever Trainer-
	ST-2170-(A,B,C,D,E,F,G,H,I BPSK,QPSK Kit

LABORATORY	MAJOR EQUIPMENT/ SETUP DETAILS
VLSI LAB	VLSI Trainer (ST-102)
	VLSI Trainer (ST-103)
	VLSI Trainer (ST-104)
	Computer p4,2.8GHZ ,HDD-80GB,FDD-1.44,CD DRIVE,RAM-256 MB

LABORATORY	MAJOR EQUIPMENT/ SETUP DETAILS
DIGITAL SIGNAL PROCESSING LAB	DSP Trainer (Using TMS320C50 based micro-50EB)
	CRO-30MHz 20MHz
	Function Generator100KHz 1MHz
	Computer p4 ,2.8GHZ ,HDD-80GB,FDD-1.44,CD DRIVE,RAM-256 MB
	Orcad Pspice-5User.
	MATLAB 7.4R -20 User with tool box

LABORATORY	MAJOR EQUIPMENT/ SETUP DETAILS
ANALOG ELECTRONICS LAB & BASIC ELECTRONICS LAB	Universal Electronics Trainer-10No.s
	CRO-20 MHz 30 MHz
	Function Generator- 3MHz. 20MHz
	Digital Multimeter (18 Amp DC (max), 30 MHz)

LABORATORY	MAJOREQUIPMENT/ SETUP DETAILS
MICROPROCESSOR LAB	8085 Trainer Kit
	8086/8088 Mp Trainer Kit
	PC based Data Acquisition Card
	Micro controller 8031/51 EB Kit
	EPROM Programmer Interface Board-
	CRO-20 MHz
	Function Generator -20MHz
	Interfacing Card (.8255 card,8253 card,8251 card, 8279 card, ADC card, DAC card, Stepper motor Card, Elevator Simulator interface, Traffic light control)

LABORATORY	MAJOR EQUIPMENT/ SETUP DETAILS
DIGITAL ELECTRONICS LAB	Universal Electronics Trainer
	Multiplexer Trainer Test Equipment
	Demultiplexers Trainer Test Equipment
	Binary to decimal Decoder Test Equipment.

LABORATORY	MAJOR EQUIPMENT/ SETUP DETAILS
COMMUNICATION ENGINEERING LAB.	Satellite Communication Trainer .(ST 2272)
	Advance Fiber Optic Trainer(ST 2502)
	Antenna Trainer(ST 2261)
	Optical Power meter(ST 2551)
	Multiplexer/Demultiplexer Decoder trainer(ST 2503)
	Microwave Power Meter& Power Sensor(QF 2490)
	Klystron source based Microwave Test Bench with voice communication (MT 9000-NVIS)
	Klystron based Antenna Microwave Test Bench with voice communication (MT 9002 NVIS)

	Universal Electronics Trainer.
	Doppler Radar -NV 2001.
	Colour TV Reciever- ST 2651
	Laser Diode ST 2506