

INFRASTRUCTURE FACILITIES

All the laboratories of ECE Department are well equipped. Details of lab are given below:

Analog Electronic Circuits Lab

Sl No.	Name of the Instrument	Specification
1	Bread Board, Junction Diode, Function Generator, CRO, DC Voltage Regulated Power Supply	1N4007, 2 MHz, 30 MHz Dual Channel, 0-10, 0-15, 0-18 V DC
2	Bread Board, Zener Diode, DC Voltage Regulated Power Supply	5.6/5.1V Zener,
3	Analog Trainer Board, CRO, Junction Diode, Capacitor, Resistor	30 MHz Dual Channel, 1N4007, 104, 103, 680, 1 MΩ etc
4	Bread Board, DC Voltage Regulated Power Supply, Transistor, FET, Voltmeter, Ammeter, Multimeter	0-10, 0-15, 0-18 V DC, CL-100, BFW10, 0-200ma, 0-20V
5	Bread Board, DC Voltage Regulated Power Supply, Transistor, Voltmeter, Ammeter, Multimeter, CRO, Function Generator	0-10, 0-15, 0-18 V DC, CL-100, 0-200ma, 0-20V, 30MHz, 2MHz
6	Bread Board, DC Voltage Regulated Power Supply, Transistor, Voltmeter, Ammeter, Multimeter, CRO, Function Generator	0-10, 0-15, 0-18 V DC, CL-100, 0-200ma, 0-20V, 30MHz, 2MHz
7	Bread Board, DC Voltage Regulated Power Supply, Transistor, Voltmeter, Ammeter, Multimeter, CRO, Function Generator	0-10, 0-15, 0-18 V DC, CL-100, 0-200ma, 0-20V, 30MHz, 2MHz
8	Op-amp Trainer Kit, DC voltage regulated Power Supply Voltmeter, ammeter	OPT-01, 30MHz Dual Channel, Power Supply
9	Op-amp Trainer Kit, CRO	OPT-01, 30MHz Dual Channel
10	Op-amp Trainer Kit, CRO	OPT-01, 30MHz Dual Channel
11	SMPS Trainer Kit	ME-806
12	Op-amp Trainer Kit, CRO	OPT-01, 30MHz Dual Channel
13	Op-amp Trainer Kit, DC voltage regulated Power Supply Voltmeter, ammeter	OPT-01, 0-10V, 0-15V, 0-18V DC, 0-20V, 0-200ma
14	Trainer Kit, CRO, Function Generator	2MHz, 30MHz Dual Channel
15	D.A.C & A.D.C Trainer Kit	

Signal & System Lab:

Name of the Instrument	Specification
1.Desktop Computers 2.Matlab Software	1 GB DDR3 RAM, 320GB SATA HDD,INTEL CORE 2 DUO 2.93 GHZ Processor, Matlab(R2009B)
1.Analog Signal Sampling and Recontruction Kit, 2. Power Supply, 3.C.R.O(Dual Trace Oscilloscope)	ETB 220, Model- PS-11, 30 Mhz Dual Trace C.R.O.
1.Electronic Traning Board On Active Filter, 2. Power Supply, 3.C.R.O(Dual Trace Oscilloscope) , 4. Function Generator	ETB 77, Model- PS-11, 30 Mhz Dual Trace C.R.O. and 3Mhz DDS FG(CFG 1013)

VLSI Lab:

Name of the Instrument	Specification
1. Desktop Computers	1 GB DDR3 RAM, 320GB SATA HDD,INTEL CORE 2 DUO 2.93 GHZ Processor
2. Tanner Spice Software(10Users)	Tanner Spice 7.1(01 set)(05 user Floating License of T-spice , 04 License of Basic L-edit & 01 License of L-edit Pro)
3. Mentor Graphics Software(10 Users)	Mentor Graphics (Modelsim PE 10.1A)(Interfacing software consisting of HDL Author ApSw& Modelsim PE VHDL Ap Sw License(Perpetual)

DSP Lab:

Name of the Instrument	Specification
1.Desktop Computers 2.Matlab Software	1 GB DDR3 RAM, 320GB SATA HDD,INTEL CORE 2 DUO 2.93 GHZ Processor, Matlab(R2009B)
1.Desktop Computers 2.Mentor Graphics Software 3. FPGA Trainer board & CPLD Trainer Board	1 GB DDR3 RAM, 320GB SATA HDD,INTEL CORE 2 DUO 2.93 GHZ Processor, Model Sim PE 10.1A, Xilinx Based
1.Desktop Computers 2.Matlab Software 3. FPGA Trainer board & CPLD Trainer Board	1 GB DDR3 RAM, 320GB SATA HDD,INTEL CORE 2 DUO 2.93 GHZ Processor, Matlab(R2009B), Xilinx Based

Communication Lab Details

Sl No.	Name of the Instrument	Specification
1	Black & White TV	ME 1200
2	FSK Kit	Mars/ME/748
3	PCM TDM Kit	Mars/ME 777
4	AM transmitter Kit	ACL 01
5	AM Demodulation Kit	ACL 02
6	Frequency Modulation Kit	ACL 03
7	Frequency Demidulation Kit	ACL 04
8	PAM, PWM, PPM modulation & Demodulation Kit	DCL 08
11	PCM Transmitter Kit	ST 2103
12	PCM Receiver Kit	ST 2104
	Line Coder Kit ,Line Coder Receiver Kit& Data Genarator	ST 2106
		ST 2111
13		ST 2107
16	Delta Modulation & Demodulation Kit	ST 2155

EM Theory & Transmission Lines Lab Details

Sl No.	Name of the Instrument	Specification
1	Black & White TV	ME 1200
2	FSK Kit	Mars/ME/748
3	PCM TDM Kit	Mars/ME 777
4	AM transmitter Kit	ACL 01
5	AM Demodulation Kit	ACL 02
6	Frequency Modulation Kit	ACL 03
7	Frequency Demodulation Kit	ACL 04
8	PAM, PWM, PPM modulation & Demodulation Kit	DCL 08
11	PCM Transmitter Kit	ST 2103
12	PCM Receiver Kit	ST 2104
13	Line Coder Kit ,Line Coder Receiver Kit& Data Generator	ST 2106
		ST 2111
		ST 2107
16	Delta Modulation & Demodulation Kit	ST 2155