

All India Shri Shivaji Memorial Society's
INSTITUTE OF INFORMATION TECHNOLOGY
DEPARTMENT OF E & TC ENGINEERING

ELECTRONIC CIRCUIT LAB – (LAB NO - 303)

Sr. No.	Particulars	Quantity
01	Cathode Ray Oscilloscope (30 MHz)	05
02	Digital Trainer Kits	07
03	Digital Multimeter	05
04	D.C. power Supply (Dual) (0-30 Volts)Adroit	04
05	Function Generator(R.F.) (150 MHz)	02
06	Function Generator (2MHz)	03
07	Digital storage Oscilloscope	10
08	Universal IC Tester	01
09	DSO Logsun(Gwinstek)	02
10	Function Generator 10 Mhz (Amar Electronics)	07
11	Digital Multimeter (Amar Electronics)	05
12	Dual Power Supply 0-30 V,2A (Amar Electronics)	05
13	Function generator (10MHz)-Scientech	03
14	Frequency Counter-1.6GHz	01

DIGITAL LAB – (LAB NO -302)

Sr.no	Particulars	Quantity
01	Cathode Ray Oscilloscope (30 MHz)	05
02	Digital Trainer Kits	07
03	Digital Multimeter	05
04	D.C. power Supply (Dual) (0-30 Volts)Adriot	04
05	Function Generator (2MHz)(Beta)	03
06	Universal IC Tester	01
07	Digital Trainer Kit 20 Pin 5zip Socket (Amar Electronic)	06
08	Digital Trainer Kit 20 Pin 6 Zip Socket(Hi tech)	20
09	Dual power Supply 30V -3A (HI –tech)	02
10	Function generator (10MHz)HI-TECH	02

ADVANCE COMMUNICATION LAB – (LAB NO – 306)

Sr.No	Particulars	Quantity
01	Adaptive Delta Modulation & Demodulation Trainer Kits	02
02	Data Conditioning & Carrier Modulation Tx	02
03	Delta Modulation Demodulation System	02
04	Frequency Modulation Demodulation Trainer	02
05	RF Spectrum Analyzer 9KHz-3GHz	01
06	Fiber Optic Training System	03
07	Optical Power Meter Detector	01
08	Optical Time Domain Reflectometer	01
09	Optical Detector Characteristics	01
10	Electrical & Optical Characteristics of different light sources	01
11	1300nm LED Characteristics kit & 1300nm Optical Power Meter	01
12	TVE Set	07
13	Sampling Theorem Kit	01
14	PCM with uniform Quantization Kit	01
15	PCM with non uniform Quantization(A& μ law) Kit	01
16	Detection of digital baseband signal using matched filter in presence of noise kit	01
17	Generation & detection of DS-SS BPSK Kit	01
18	Generation & reception of FSK Kit	01
19	Generation & reception of QPSK Kit	01
20	Generation & reception of BPSK Kit	01
21	Function Generator(Amar)	02
22	Dual Power Supply (Amar Electronics)	02
23	Sampling Theorem	01
24	PCM with uniform Quantization Kit	01
25	PCM with non uniform Quantization(A& μ law) Kit	01
26	Generation & reception of BPSK	01

27	Generation & of reception QPSK Kit	01
28	Digital Base Band Signal	01
29	Generation & of reception DS-SS-BPSK	01
30	Generati3072on & reception of FSK	01
31	Line Codes	01
32	8 Bit PN Sequence	01
33	Delta Modulation	01
34	Adepative Delta modulation	01
35	CRO -30MHz (HI Tech)	04
36	Dual power Supply 30v-3A-(Hi-tech)	04
37	Function generator (10MHz)Hi- tech	05
38	Arbitrary Waveform Generator	01
39	Mixed Signal Oscilloscope	01
40	True RMs Meter Programmable 4-1/2	01
41	Frequency counter 1.6GHZ	01

MICROWAVE & MEASUREMENT LAB – (LAB NO - 308)

Sr.No	Particulars	Qty
01	Antenna Training Lab (5MHz-2GHz) With coaxial Slotted Line	01
02	Antenna System Analyzer 850-1300MHz	01
03	Study of Mobile Phone Trainer	01
04	PISTN Switch Configuration(TST)	01
05	Study of CDMA Trainer	01
06	VOIP Trainer Kit	01
07	3G Mobile trainer Kit	01
08	6 ^{1/2} digit digital multimeter	02
09	(Analog KIT) Class C single tuned ampr	02
10	Ampt .modu	02
11	AM. Transmitter	02
12	Freq.modu DE-modu	02
13	FM.using Vricap Diode	
14	FM. Transmitter	02
15	Standard Test on super heterodyne	02
16	DSB modu. de modu	02
17	SSB Modu Demodu	02
18	Signal Sampling &reconstruction	02
19	Anteena Training syatem – 5 MHz to 2000MHz	02
20	CRO-30MHz- Hi-Tech	04
21	Dual power Supply 30v-3A-(Hi-tech)	04
22	Function generator (10MHz) –Hi-tech	05

Computer Lab-1/2 VLSI - (LAB NO – 307, 313)

Sr.no	Particulars	Quantity
01	Computer(acer)	20
02	Computer(Lenovo)	42
03	U.P.S(7.5KVA)With Battery(SMP12/26AH)	02
04	U.P.S(2KVA)	02
05	Laser Printer	01
06	Laser Printer	01
	Dot matrix printer	02
07	Universal Multivendor Protoboard –VTU	01
08	Spartan-3Trainer	08
09	Embedded System Development EDU ARM7-2148	06
10	Single Board Computer ARM 9	02
11	JTAG Connector For ARM7& ARM9	02
12	PICKIT3 in Circuit Debugger/Programmer	01
13	Dot matrix Printer(Epson)	04
14	Hp-scanjet5590 digital flatbed Scanner	01
15	Computer(Lenovo)	15
16	U.P.S(7.5KVA)With Battery(SMP12/26AH)	02
17	Microcontroller Kit with on board interface(PIC 18FXX)	10
18	Interface Board for EEPROM-24C128 using SPJ	02
19	DC Motor interfacing Card for PIC18F	02
20	DSP Processor With USB JTAG Emulator	02
21	ARM -7 LPC2148 Trainer Kit	5
22	LPC 1768	5
23	All in one general	5

	Purpose board	
24	TFT /Touch Screen Interfacing KIt	2
25	GSM Interface	2
26	Computer Lenovo	10

Software

Sr.No	Particulars	Qty
1	Multisim	01

LCD & PA System

Sr.No	Particulars	Qty
1	BENQ-digital projector (LCD)	01
2	Projector screen	03
3	LCD Projector (EX100) sony technocell	02
4	PA System (Ahuja MixerAMX -142	01
5	PA System (Ahuja MixerAWM -520VL)	02

Computers& its accessories

Sr.no	Particulars	Quantity
01	Computer(acer)	20
02	Computer(Lenovo)	42

03	U.P.S(7.5KVA)With Battery(SMP12/26AH)	02
04	U.P.S(2KVA)	02
05	Laser Printer	01
06	Laser Printer	01
	Dot matrix printer	02
07	Dot matrix Printer(Epson)	04
08	Computer(Lenovo)	15
09	U.P.S(7.5KVA)With Battery(SMP12/26AH)	02
	Computer lenovo	10