

Name of the Department	Name of the Lab : Microprocessor Lab			
ECE, SMIT	Serial Number	List of Equipment	Model Number	Quantity
	1	Microprocessor Kit	ALS- SDA 8085 ME	12
	2	Microprocessor Kit	ALS SDA 8085	8
	3	Microprocessor Kit	DYNA- 85	18
	4	Microprocessor Kit	DYNA MFILCV2	3
	5	Microprocessor Kit	DYNA 85L	2
	6	Microprocessor Kit	ALS- 8086	18
	7	MC Kit	8031	4
	8	MC Kit	DYNA-51	4
	9	AVR- Starter Kit		8
	10	PIC- Controller Kit		6
	11	M.P Power Supply		34
	12	EPROM Eraser		4
	13	SPJ 8051 Tolls. (Compiler for DYNA-51- M.C Kit)		1
	14	8-bit interface ADC	NIFC-07	10
15	Power Scopes	M-522	2	
	Name of Lab: Communication Lab			
	Serial Number	List of Equipment	Model Number	Quantity
	1	Frequency Modulation and Demodulation	M-K2	4
	2	Pulse Code Modulation and Demodulation	M-K12	1
	3	Pulse Position and Pulse Width Modulation	M-K8	5
	4	Amplitude Modulation and Demodulation	M-K1	4
	5	Pulse Amplitude Modulation and Demodulation	M-K6	4
	6	DPCM Trainer Kit	ST2113	2
	7	Delta, Adaptive Delta Sigma Delta-Falcon	DCL07	2
	8	PAM/PWM/PPM MOD & DEMOD Trainer Kit	ST2100	4
	9	FDM Trainer Kit	ST2211	2
	10	Sampling & Reconstruction Trainer Kit	ST2151	2
	11	DSB/SSB Trainer Kit	ST2201 &ST2202	4
	12	TDM/PCM/Tx &Rx Trainer Kit	ST2153 &ST2154	2
	13	Time Division Multiplexing & Demultiplexing- TDM-PCM	ST2153	1

ECE, SMIT	14	Time Division Multiplexing & Demultiplexing- TDM-PAM	ST2152	1
	15	Digital Communication Trainer	ST2151	1
	16	ASSR	10121312	1
	17	Time Division Multiplexing and Demultiplexing	2154	1
	<u>Name of Lab: Microwave Lab</u>			
	Serial Number	List of Equipment	Model Number	Quantity
	1	500 MHz Spectrum Analyzer	HM5005	1
	2	Matlab Software 6.5		1
	3	Klystron Complete Bench	MT-9003	4
	4	Antenna Complete Set	SFI-082818	2
	5	Integrated Gunn Source	2485	2
	6	Optical Fiber Trainer	OFT.V20	3
	7	Digital Communication Lab Kit	DC-003	16
	8	Data Communication Trainer	DC-162	2
	9	C- Band Satellite Rx	AMTCH	21
	10	B/W TV Demo Kit	560028	1
	11	Pattern Generator	CP-10000	3
	12	PC base Logic Analyzer	CTP	6
	13	Telephone Exchange	CDKITS	1
	14	PLC Demonstrator Kit	24VDC07000008219	3
	15	Lan Trainer Kit	LAN-T-NEU	1
	16	Antenna Trainer	ST-2261	1
	17	Motorized Antenna Trainer	ST-2261A	1
	18	Optical Fiber Cutter	OFC	1
	<u>Name of Lab: Advance Microprocessor Lab</u>			
	Serial Number	List of Equipment	Model Number	Quantity
	1	VHDL Complete Software		1
	2	Universal Board Model Max	LUK-SMD	2
3	ALS .CRT/PC Keyboard/Printer Interface	NIFC-02	10	
<u>Name of Lab: VLSI Lab</u>				
Serial Number	List of Equipment	Model Number	Quantity	
1	Sparten 3E Kit	D084631	12	
2	NEXUS Board		2	
3	DSP Kit		2	

ECE, SMIT	<u>Name of Lab: Digital System Design Lab</u>			
	Serial Number	List of Equipment	Model Number	Quantity
	1	JK Flip Flop Kit		5
	2	Basic Logic Gate Kits using CMOS ICs		5
	3	40219 Presentable Up-Down Counter Kit		5
	4	BCD to 7 Segment Display Decoder		5
	5	Module N Counter Kits		5
	6	Verification of Boolean Expression		5
	7	Decade Counter/ Decoder Drive/7 Segment Display Kits		5
	8	Up Down Counter Kits		5
	<u>Name of Lab: BBCN (Advanced Com) Lab</u>			
	1	Horn antenna 2.4GHz	L5041	4
	2	Lyretech Signal Wave Board		1
	3	Software for SDR board		1
	4	Xilinx ISE Foundation Software(9.1)		1
	5	Xilinx sysgen Software (9.1)		1
	6	Horn antenna 5 GHz		2
	7	CC Studio Software		1
	8	Lyretech SFF SDR Board		1
	9	Signal Master Dual		1
	10	Signal Muster Dual Software		1
	11	ADAC MASTER III		1
	12	ADAC MASTER Target on Board FPGA		1
	13	Tektronix DSO 4 channel		1
	14	Avnet Xilinx Virtex 6 Board		1
	15	80 MHz Arbitrary Waveform Generator	33250A	3
	16	Vector Signal Analysis Software	89600B	1
17	VEE Pro Visual Engg. Environment Software		1	

	18	Warp MIMO Kit (FPGA, Clock and Radio Board)		1
	19	KA-BAND TRANCEIVER RF TRANCEIVER (Ma COM MACS-007801-R10:MW)	Ma COM MACS-007801-R10:MW	10
	20	ARBITRARY WAVEFORM GENERATOR	N5182A	1
	21	DSO 350MHz 2CHANNEL	DSO7032B	1
	22	ZYNQ 7000	ZYNQ 7000	1
	23	VIRTEX 7 BOARD		1
	24	10 GHz Source	LMS 123	1
	25	SystemVue .Software	Ver.2015	1

Name of Lab: SCS Lab			
1	Multisim Software		1 (15 user)

NAME OF THE LAB: EDC LAB			
SL. NO.	LIST OF E"QUIP[MENT	MODEL NO.	QTY.
1	MULTIFUNCTION TEST EQUIPMENT	(9 IN 1) 4049	17
2	100MHZ DUAL TRACE OSCILLOSCOPE	3936	6
3	60 MHZ OSCILLOSCOPE	3934	6
4	30MHZ DUAL TRACE OSCILLOSCOPE	3706 AND SM410	33

5	25MHZ DUAL TRACE OSCILLOSCOPE	6020, 6021 AND 6025	3
6	SCIENTIFIC 25 MHZ DIGITAL STORAGE OSCILLOSCOPE	HM205	2
7	SYSTRONICS 100 MHZ DIGITAL STORAGE OSCILLOSCOPE	SYSTRONICS	2
8	20MHZ DUAL TRACE OSCILLOSCOPE	3305	6
9	30MHZ 3 CHANNEL ANALOG OSCILLOSCOPE	SM410	3
10	Cathode Ray Oscilloscope 30MHz SM203G	SM203G	5
11	5 IN 1 TESTLAB, 100MHZ FREQUENCY COUNTER AND FUNCTION GENERATOR WITH 30 MHZ OSCILLOSCOPE	3744	5
12	SCIENTECH CRO WITH FUNCTION GENERATOR	ST221	10
13	1 MHZ FUNCTION GENERATOR	FG-2011, 1MD, MSG1M,	41
14	3 MHZ FUNCTION GENERATOR	2104	2
15	20 MHZ FUNCTION GENERATOR	2019	2
16	AM – FM GENERATOR	2029	5
NAME OF THE LAB: PCB LAB			
1	Photo Resist Dip Coating Machine		1
2	Double Sided U.V. Exposure Unit (PROTO- UV)	(PROTO- UV)	1
3	Etching Machine (Mini Rotary Spray)		1
4	Circuit Short (b) Camera (b) Lens		1
5	Circular Saw For PCB's		1
6	Film Trimmer for Films/Negative		1
7	PCB Shearing Machine-Slash 300	Slash 300	1
8	Roller Tinning Machine (RTM 16)	(RTM 16)	1
9	PCB Drilling Machine (Protodrill)- 2000	(Protodrill)- 2000	1
10	Hot Air Dryer		1
11	Drilling Machine		1
12	Proto Cure PCB Curing Machine		1

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