DEPARTMENT INFORMATION

1. Class Rooms   -   12 Class Rooms   (EC-1 To EC-12)

2. Drawing Hall   -   01

3. Seminar Hall   -   01

4. Conference Hall   -   01

DEPARTMENT LABORATORY INFRASTRUCTURE

Analog Communication / Digital Communication Laboratory

S.No.	Name of the Equipment	Specifications	Qty
1	Spectrum Analyzer	1.3 to 3 GHz	2
2	Digital Storage Oscilloscopes	50MHz	6
3	Digital Communication Trainer kits		15
4	Analog communication Kits		15
5	SDR Training System		1
6	Advanced Motorized Antenna Trainer		1
7	HP Desktop System		12
8	MITS ELEVEN LAB Antenna /PCB Prototyping Machine		1
9	ANSYS ACADEMIC RESERARCH INCLUDED 1. ANSOFT DESIGNER - 1 USER 2. HFSS - 1 USER 3. SI WARE - 1 USER 4. Q3D EXTRACTOR -1 USER 5. OPTIMETRICS -1 USER 6. ECAD TRANSLATOR - 1 USER 7. MCAD TRANSLATOR - 1 USER		1

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Milliman Laboratory

S.No.	Name of the Equipment	Specifications	Qty
1	HP Desktop System HP280G4 MT PC		80
2	Servers & Clients		4
Hardware			
3	VERTIV 600	6KVA	3
4	Cisco Switches		2
5	Nexys 4 DDR FPGA Kit	NI	15
6	NI my DAQ student kit with LABView & multisim student edition.	NI	10
7	LG 11 tr. Ac unit		1
8	Pynq Z-2 SOC development board		5
9	ZYNQ 7000 ZED board		5
10	Xilinix ZYNQ ultra scale MPSOC ZCU 102 Kit		1
11	AC Blue star		2
Software's			
1	Xilinx Vivado software latest solution (25 users)		25 Users
2	Vivado 14.2		25 Users

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Electronic Devices and Circuits Laboratory

S.No.	Name of the Equipment	Specifications	Qty
1	DSO	0-30V/3A	12
2	Function Generators	3MHZ	11
3	Regulated Power Supplies	0-30V/2A	14
4	HP Desktop System		12

BOSE Laboratory

S.No.	Name of the Equipment	Specifications	Qty
1	HP Computers	HP 280 G4 MT	80
Hardware			
2	DSP kits TMS 320C6713 floating point		12
3	Digital Storage Oscilloscopes	SCIENTIFIC	3
4	Function Generators	SCIENTIFIC	3
5	UPS	6KVA	3
6	AC VOLTAS	3 TON	4
7	D-Link Switches	1 Gbps	2

Integrated Circuits & Pulse and Digital Circuits Laboratory

S.No.	Name of the Equipment	Specifications	Qty
1	DSO	50MHz	12
2	Function Generators	3MHz	11
3	Regulated Power Supplies	0-30V/2A	18

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Microwave Engineering & Optical Fiber Communication Laboratory

S.No.	Name of the Equipment	Specifications	Qty
1	Klystron based microwave Benches(SICO)	2K25	8
3	Gunn diode based microwave benches		2
4	CRO's.	20MHz	5
5	ANSYS Academic Teaching (HFSS)		25 users
5	ENA Series Vector Network Analyzer	14 GHz	1

Micro Processor & Interfacing Laboratory

S.No.	Name of the Equipment	Specifications	Qty
1	HP Computers	HP PRO 3330	15
2	8086 Microprocessor kits	VI Micro & ESA	12
3	8051 Microcontroller Kits	VI Micro	16
4	Interfacing Kits	VI Micro	40
5	UPS	APC 1100VA	6
6	HP Desktop System HP280G6 MT PC, Intel core i3-8100/8GB DDR4RAM/ 512GB SSD, Keyboard & Mouse, HP V190 Monitor, Warranty : 3 Years	HP 280 G6 MT	1
7	APC 600VA UPS	600VA	1
8	HP Laserjet ProMFPM1136 Printer	MFPM1136	1
9	GASA LPC-1768 Cortex M3 based evaluation Board with onboard LCD	cortex-M3	4
10	STM32 Based IoT Kit with ardino and Hardware based ESP32	STM32-ESP32	2

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