

EL-6

COMPUTER PROGRAMMING LAB

Sr. No.	CONFIGURATION	QTY.
1	COMPUTERS	
	DELL OPTIPLEX 3010N MINI TOWER OS-WINDOWS 10, 64 BIT PROCESSOR: INTEL CORE i3 3220 3.3ghz, intel h61 chipset MEMORY: 4GB DDR3 HARD DISK: 500GB, GIGA LAN CD DRIVE: 16X DVD-RW, 18.5" WLED MONITOR	23
	DELL VOSTRO SLIM TOWER 230ST OS-WINDOWS 10, 64 BIT PROCESSOR: INTEL CPU 2.93GHZ CORE2 DUO E7500[3MB] MEMORY: 4GB DDR3 HARD DISK: 320GB SATA –II, 18.5" TFT MONITOR CD DRIVE: SATA DVD WRITER, 1 SERIAL PORT, USB PORTS	2
	DELL OPTIPLEX 390 OS-WINDOWS 10, 64 BIT PROCESSOR: INTEL [R] CORE [TM] i3-2120 CPU @3.3 GHZ MEMORY: 4GB DDR3 SDRAM HARD DISK: 500GB CD DRIVE: DVD +/-RW	10
	OS-WINDOWS 10, 64 BIT PROCESSOR: INTEL i5 CORE 4TH GEN PROCESSOR MOTHER BOARD: GIGABYTE B85M MEMORY: 4GB DDR3 HARD DISK: 500GB, PORTS: 1HDMI, 1DVI, 1PARALLEL, USB CD DRIVE: DVDRW, 21.5" LED MONITOR with HDMI	5
	TOTAL	40
2	PRINTER	
	HP Laserjet 1020 plus printer	1
	Epson Dot Matrix printer LQ 1150+II	1
	Epson Dot Matrix printer LX 300+II	1
3	NETWORKS	
	Dlink DGS 1210-28 port smart TMOH324001895 unmanaged switch	1
	DIGISOL-GS 1026 Gigabit Ethernet 24 port unmanaged switch	1

	D-Link DES 1016A 16-PORT ethernet switch	1
	Patch panel 24 port loaded dlink	2
	SPIDER Rack for switches & patch panel	1
4	PROJECTORS	
	Epson EB0S03 LCD Projector-ETCLAB6A, Computer Programming Lab	1
	Epson EBS-41 LCD Projector-ETCLAB6B, Project Lab	1
5	EQUIPMENT	
	Dual Power supply, 0-30V, 2amps	6
	CPLD trainer with 9536PC44	3
	CPLD trainer model MXCK-084-044 with CPLD 9572PC84	1
	FPGA trainer model MXUK-144-001 with spartan II FPGA XC28100TQ144	2
	PIC Microcontrollers peripherals	
	LCD 16X1 and 4X4 keypad interface	3
	7 segment display and 4X4 keypad interface	2
	Stepper motor interface	2
	8051 Microcontroller peripherals	
	Scanning technique illustrating 8X8 LED matrix, 4X4 keypad interface, 7-segment 8 digit red LED display study card	2
	Stepper motor & 12V DC motor interface card with motors mounted in it to illustrate speed, direction control	2
	Phillips SPJ 8951 microcontroller kits with C programming with hardware lick	2
	MATLAB SOFTWARES	
	DSP starter kit (DSK) TMS320VC5416 USB DSK	4
	DSP starter kit(DSK) TMS320C6416T DSK	1
	DSP starter kit (DSK) TMS320C6713 DSK	1
	EMBEDDED SYSTEM KITS	
	Evolution board P89V51RD2[8051 Evaluation board]	1
	Analog card 0809[ADC0808 Interface]	1
	DAC card 08[DAC08 interface]	1
	Stepper motor card[stepper motor interface]	1
	SPI based RTC Card [12C & SPI interface]	1
	Evolution board for PIC 16&18	1
	Basic trainer kit for ARM7	1
	Logic Analyser PLA 2532	1
	BIO-MEDICAL KITS	
	Table top pulse oximeter	1
	PC based ECG machine 12 channel Simul-G, Nisan	1
	Additional 10 lead ECG cable, clip type	1
	BP apparatus [mercury-regular] Disha Sphygmomanometer-EECO	4
	BP apparatus[Digital] Automatic blood pressure monitor, Microlife	1
	Glucometer[Accu-check]	4
	Stethoscope	4

ALS-SDA-FPGA -04 FPGA Universal base board trainer kit[ALS-SDA-FPGA-04] Daughter board-03 optional XC3S400[SC3S400] Daughter board	1
ARM-05 Philips LPC2148 Micro controller board ALS-SDA-ARM7-05-CTRL ARM LPC 2148 Interface board ALS-SDA-ARM7-05-IFC	1
ALS-PIC-EVAL-BRD-03 PIC Evaluation board [16f877][ALS-SDA-PIC-03] PIC ICD2 V2 Debugger[PIC ICD2 V2]	1
ALS EMB-EVAL-04 FLASH 89C51ED2/M/C/T Kit Embedded controller evaluation board[ALS-EMB-EVAL-04]	2
TMS 320 C6713 DSP starter kit[DSK] with kit specific CCS	5
Local Area Network trainer Mod. XPO - LAN with Toolbox for LAN trainer	1
8051 Microcontroller Development board with in systems programming facility[Micro 8051]	10
DAC Interface card	2
NooElec NESDR mini2 SDR & DVB-T USB stick[RTL2832 + R820T] with antenna and remote control]	5
PIC Microcontroller Development board[micro PIC 18F]	4
ALS-SDA-FPGA-04 Universal base board and power supply & Xilinx FPGA XC65L X4TQ144 with spartan[ALS-SDA-FPGA]	2
Xilinx Usb downloader[DLC9G]	3
MATLAB 2013b [software]	10
Symbolic math tool box	2
Partial differential equation toolbox	2
Fuzzy logic toolbox	2
Signal processing toolbox	2
DSP system toolbox	2
Communication system tool box	2
Wavelet tool box	2
Image Processing Tool box	2
Bio Informatics Tool box	2
Statistics tool box	2
Matlab 2007	25
Signal processing toolbox	5
Communications tool box	5
Image Processing Tool box	5
Wavelet tool box	1
Simulink	2
Signal processing Blockset	1
Communications Blockset	1

	Matlab compiler	1
	Real Time workshop	1
	Real Time workshop Embedded coder	1
	Embedded Target for T1 DSP 6000	1
	Link for code composer studio	1
	Matlab 2011	10
	Control System Tool box	10