

EL-7

VLSI and Embedded Systems LAB

Sr. No.	CONFIGURATION	QTY.
1	COMPUTERS	
	OPTIPLEX 3046/ INTEL CORE i5-6500/ 8GB DDR4/ 1TB SATA HDD/ USB MOUSE & KEYBOARD/23.8" DELL LED MONITOR	10
	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	15
	TOTAL	25
2	PRINTER	
	HP Laserjet 1020 plus printer	1
	Epson Dot Matrix printer LX 300+II	1
3	NETWORKS	
	Dlink DGS 1210-28 port smart TMOH324001895 unmanaged switch	1
	D-Link DES-1016A Ethernet 16 port unmanaged switch	1
	Patch panel 24 port loaded dlink	2
	Rack for switches & patch panel	1
4	PROJECTORS	
	Epson EB-X7 H312C LCD Projector	1
5	EQUIPMENT	
	ELVIS II, Instrumentation Design & prototyping platform	1
	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
	ALS-SDA-FPGA -04 FPGA Universal base board trainer kit[ALS-SDA-FPGA-04] Daughter board-03 optional XC3S400[SC3S400] Daughter board	1
	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
	Labview software	10 users
	ORCAD	5 users

	NI My Rio-1900 for University purchase only(includes Wifi & MSP connector with 3yr warranty)	1
	SCADA software + Fatek PLC with 12 digital I/Ps & 8 digital O/Ps(Scientech 2410A)	1
	E-Beam edge interactive training system with Ceramic Board	1
	MSP430 Launch pad development tool	10
6	Robotic kits	
	Viz Bot	2
	iRat	1
	iBot	1
	Spark IV	2
	Firebird	2
	iArm	1
	IR Modules	5
	LDR Modules	5
	Arduino	15
	Accelerometer	1
	Ultrasonic sensors	7
	Server Motors	9
	Bluetooth Modules	7