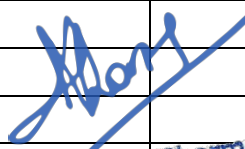



INTERNET FACILITY

S.No.	Particulars	Requirements as per Norms (1:4 for Engg., 1:6 for Pharmacy/HMCT/Arch./Applied Arts and 1:2 for MBA/MCA)		Availability		List of Equipment added during previous year (2023-24)
1.	No. of Computer Terminals			1696		
2.	Hardware Specification			1696		
	<ul style="list-style-type: none"> Server/P-IV/Latest Configuration 			1696		
3.	No of terminals of LAN/WAN			All Terminals 1696		
4.	Relevant Legal Software	Application	System	Application Details given below	System Details given below	
5.	Peripheral(s)/ Printers			113		
6.	Internet Accessibility (in Kbps & hrs.)			2 x 500-Mbps OFC Leased Line (SIS Networks Pvt Ltd Internet) & 30 Mbps RF Link (SIS Networks Pvt Ltd Internet), 24 Hrs. accessibility including Hostel.		


Description of the Item	Quantity
Servers:	
Internet	2 x 500 Mbps OFC Leased Line (SIS Networks Pvt Ltd Internet) & 30 Mbps RF Link (SIS Networks Pvt Ltd Internet), 24 Hrs. accessibility including Hostel.
Computers For Students:	1696
Computers For Library:	19
Computer For Staff:	60
Laptops For Faculty:	120
Other Laptops:	250
Online UPS: 5 KV	1
Online UPS: 10 KV	23
Projector: LCD Projectors	59
DLP Projectors:	
Printer LaserJet:	113
Printer Inkjet:	-


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Scanners:	10
CD Writers Internal:	70
CD Writers External	2
Extrnal Hard Disk (1 TB)	10
Pen Drives: 8 GB	2
Pen Drives: 16 GB	6
Pen Drives: 32 GB	25
Printer Drives: 1 GB	-


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		<p>Modules :</p> <ul style="list-style-type: none"> ➤ Embedded Design ➤ Control Design and Simulation ➤ Image and Signal Processing ➤ Industrial Monitoring and Control ➤ Software Development ➤ Development Report Generation & Data Storage <p>3. PSIM(6.0 Version) - Power Electronics</p> <ul style="list-style-type: none"> <input type="checkbox"/> With PSIM's interactive simulation capability, we can change parameter values and view voltages/currents in the middle of a simulation. It is like having a virtual test bench running on your computer. <input type="checkbox"/> We can design and simulate digital power supplies using PSIM's Digital Control Module. The digital control can be implemented in either block diagram or custom C code. <input type="checkbox"/> PSIM has a built-in C compiler which allows us to enter your own C code into PSIM without compiling. This makes it very easy and flexible to implement your own function or control methods. <input type="checkbox"/> We can use the Thermal Module to calculate semiconductor device losses (conduction losses and switching losses) based on the device information from manufacturers' datasheet. <p>4. MAT LAB(6.1 Version) -Advance Control System, Control Engg., Electrical Science, Circuit & Systems</p> <p>5. LADSIM - UEE Lab</p> <ul style="list-style-type: none"> • LADSIM - Ladder Logic Editor and • Programmable Logic Controller Simulator • LADSIM is a fully-functional Ladder Logic • Editor and PLC Simulator that incorporates all • the basic functions used in PLC Programming
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SOFTWARE HELD WITH MAE DEPARTMENT

Mechanical CAD :

Relevant Legal Software

- AutoCAD 2000 & 2002 & 2008
- ProE Wild fire 5.0
- ProEngineer 2001
- Solid Edge
- NX-7.0
- Ladsim
- Bytronic (MAB)
- PLC Cross Talk SW
- CNC Train
- AllenbradleyPLC s/w,
- HMI S/W
- 8052 microcontroller sw
- Aristo Robot controller sw
- Workspace
- Esprit CAM
- MATLAB
- FMS SW

Application Software

- MS BackOffice 4.5
- NT Server 4.0
- Window 98 SE
- Windows 2000 Server
- Windows 2000 Professional
- Windows XP Pro.
- Windows Vista ultimate
- SCO Unix 5.0.5
- Red Hat Linux 7.1,7.2 & 9.0 (Open SW))
- Red Hat Enterprises Linux ES
- Red Hat Enterprises Linux 5 Adv. Server
- Mandrake Linux
- SUSE Linux (OSS)
- Sun Solaris 8 & 10(x86)


System Software

SOFTWARE HELD WITH ECE DEPARTMENT

13. Tanner 9.2 (S- Edit and L-Edit)
14. Maxplus-II 10.2 and Quartus II 2.2 (VHDL simulator and synthesizer) from Altera
15. Xilinx 4.1 (VHDL simulator and synthesizer)
16. FPGA Express(verilog simulator)/FPGA synthesizer) from Aldec
17. Orcad 9.1 (VHDL simulator)
18. Multisim 2001
19. Comsim 2001
20. MATLAB 6.1
21. Signal processing toolbox 5.1
22. Filter Design Toolbox 2.1
23. Simulink 4.1
24. DSP Blockset 4.1

System & Application Software

Library
SoftLink
Accounts
Tally 6.3 eis


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