

Electronics and Communication Engg. Department
Session 2024-25 (6th Sem.)

Subject : MAINTENANCE OF COMPUTER SYSTEMS (MOCS)

Load:- L- 2 P-2

Week No	Lecture No	THEORY	PRACTICALS
1 week	1st lecture	UNIT I Mother Board	Monitors(LCD and LED)
	2nd lecture	Introduction to different type of mother boards, Single Board Based System	
2 week	1st lecture	Block diagram of motherboard. Installation of Computer System	HDD, Partitioning and Formatting
	2nd lecture	Buses and Ports : Different type of Buses PCI	
3 week	1st lecture	SCSI and Serial and Parallel ports(COM ports) Ports COM1, LPT1	Inkjet Printer
	2nd lecture	UNIT II Memory	
4 week	1st lecture	Principle and construction of Hard Disk Drive (HDD).Hard Disk Controller	Laser Printer
	2nd lecture	Pen Drives, common faults with hard disk drive, RAM Module, SSD USB.RS 232 C, HDMI	
5 week	1st lecture	1st Sessional	Motherboard based on latest microprocessor and chipset CMOS set up.
	2nd lecture	Input Devices Block Diagram of keyboard Controller, keyboard types and faults,	
6 week	1st lecture	Types of mouse and its common faults. Introduction to scanner, digitizer and webcam	SSD
	2nd lecture	UNIT III Display Devices	
7 week	1st lecture	Block Diagram, Principle of operation of Computer Monitor	Network Connectors and Cables
	2nd lecture	Video display Adaptors, Types of display.	
8 week	1st lecture	UNIT IV Printers	Router and Switch
	2nd lecture	Printing Mechanism, Construction and working principles of Inkjet Printer	
9 week	1st lecture	2nd Sessional	Installation of any operating system.
	2nd lecture	Laser Printer, Thermal printer	
10 week	1st lecture	Interfacing of PC with printer	Establish LAN,WLAN, using Networking Devices
	2nd lecture	UNIT V Networking Devices	
11 week	1st lecture	Introduction to networking devices	
	2nd lecture	LAN,WAN, Wi-Fi	
12 week	1st lecture	ROUTER,SWITCH	
	2nd lecture	HUB	
13 week	1st lecture	REVISION	
	2nd lecture	REVISION	
14 week	1st lecture	3rd Sessional	
	2nd lecture	REVISION	
15 week	1st lecture	REVISION	
	2nd lecture	REVISION	

*Extra classes taken in arrangement periods and practical labs.

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Lect.

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HOD,ECE