

Advanced Professional Study (APS)- Lucknow

ESDP ON COMPUTER HARDWARE MAINTENANCE AND NETWORKING (SC)
AT LUCKNOW

Lecture Schedule

Date	Session	Topics/Subjects per week	Lecturer
	I	Intro to Computer	
	II	Basics Of Computer	
	III	Parts of Computer Hardware	
	IV	Practical Lab	
	I	Roll of MSME-DI	
	II	About Hardware	
	III	Computer Software	
	IV	Practical Lab	
		II	
	I	Input And Output Devices	
	II	Main System Unit	
	III	Practical Lab	
	IV	Practical Lab	
	I	About Monitor & Keyboard	
	II	Various Switches and Indicators on the Front Panel	
	III	Practical Lab	
		III	
	IV	Practical Lab	
	I	Various Sockets, The back of Computer System	
	II	Inside the main system Unit	
	III	Practical Lab/ How to start MSEs	
	IV	Practical Lab	
	I	About Circuit Diagram	
	II	About Circuit Diagram	
	III	Role of DIC and their Schemes	
	IV	Practical Lab	
		IV	
	I	About Monitor & Mouse	
	II	About Keyboard	
	III	Practical Lab	
	IV	Practical Lab	
		V	
	I	About Printers	
	II	About Modem	
	III	Practical Lab	
	IV	Practical Lab	
	I	CD-ROM Drive	

	II	CD-ROM Drive Installation	
	III	Practical Lab	
	IV	Practical Lab	
VI			
	I	Audio Connections	
	II	Source of Finance	
	III	Practical Lab	
	IV	Practical Lab	
VII			
	I	ATAPI/IDE	
	II	Power Connection and Drivers	
	III	Practical Lab	
	IV	Practical Lab	
VIII			
	I	About Mother Board	
	II	BUS - What is bus?	
	III	Practical Lab	
	IV	Practical Lab	
IX			
	I	Motherboard Components & its relating	
	II	Hard Disk	
	III	RAM & ROM	
	IV	Practical Lab	
X			
	I	BIOS	
	II	Support chips/chip sets	
	III	Expansion Slots	
	IV	Practical Lab	
XI			
	I	CPU Installation	
	II	CPU Installation	
	III	Practical Lab	
	IV	Practical Lab	
XII			
	I	Installation of CPU Fan & Heat Sink	
	II	Installation of CPU Fan & Heat Sink	
	III	Practical Lab	
	IV	Practical Lab	
XIII			
	I	Installation of Memory Modules	
	II	Installing of DIMM	
	III	Practical Lab	
	IV	Practical Lab	
	I	On Board Headers and connectors	
	II	Serial ATA Connectors	
	III	Practical Lab	

	IV	Practical Lab	
		XIV	
	I	USB 2.0 Headers	
	II	Power Connectors	
	III	Practical Lab	
	IV	Practical Lab	
	I	Serial ATA (SATA) Hard Drive	
	II	Installation	
	III	Practical Lab	
	IV	Practical Lab	
		XV	
	I	BICS Setup	
	II	BICS Setup	
	III	Practical Lab	
	IV	Practical Lab	
		XVI	
	I	UPS	
	II	Faults and Remedies in UPS	
	III	Practical Lab	
	IV	Practical Lab	
		XVII	
	I	SMPS	
	II	Faults and Remedies in SMPS	
	III	Practical Lab	
	IV	Practical Lab	
		XVIII	
	I	Monitor Parts Assemblies in SMPS	
	II	Function and Operation	
	III	Practical Lab	
	IV	Practical Lab	
		XIX	
	I	Intro to Windows 2007	
	II	Start Menu Option	
	III	Practical Lab	
	IV	Practical Lab	
		XX	
	I	My Computer	
	II	Windows Explorer	
	III	Practical Lab	
	IV	Practical Lab	
		XXI	
	I	Windows Help	
	II	Windows Application	
	III	Practical Lab	
	IV	Practical Lab	
	I	Project Preparation	

	II	Project Preparation	
	III	Practical Lab	
	IV	Practical Lab	
		XXII	
	I	Windows Accessories	
	II	Windows XP Setup/Installation	
	III	Practical Lab	
	IV	Practical Lab	
		XXIII	
	I	Project Appraisal	
	II	Project Appraisal	
	III	Practical Lab	
	IV	Practical Lab	
		XXIV	
	I	About Registration /Memorandum Part- I & II	
	II	About Mouse	
	III	Practical Lab	
	IV	Practical Lab	
		XXV	
08-02-2014	I	Storage Devices	
	II	Power Supply	
	III	Practical Lab/ Preparation of Project Profile	
	IV	Practical Lab/ Preparation of Project Profile	
		XXVI	
10-02-2014	I	Installing TCP/IP on Windows 2000	
	II	Setting up Routing on Windows 2000	
	III	Configuring LAN to WAN and Routing with internet connection sharing	
	IV	Practical Lab	
		XXVII	
11-02-2014	I	Installing and Configuring DHCP Server	
	II	Installing WINS and configuring Wins Server	
	III	Installing the DNS service with DNS manager	
	IV	Practical Lab	
		XXVIII	
12-02-2014	I	Installing E-mail Server	
	II	Installing Internet Information Services	
	III	Working with System Monitor ABD Event Viewer	
	IV	Practical Lab	
		XXVIII	
13.02.2014	I	a) Taking back-ups b) Creating and using emergency repair disk	
	II	Installing and Configuring RAS (Remote Access Services)	
	III	Implementing VPN	

	IV	Practical Lab	
		Valedictory	