

Syllabus

Course Type: Engineering

Course : Diploma

Year/sem: 3 Sem

Branch : CSE

Created By:

Computer System Peripherals

CS1304

Unit	Sub Unit	Topic	Duration
Unit-I		The basic principle of working of video monitors (CRT/TFT/LCD/LED), video modes, Video display EGA/VGA/SVGA/PCI adapters and their architecture, Types and basic principle of working of wired, Types and basic principle of working of wireless key board, principle of working of optical/wireless mouse, Working and principle of scan codes.	8
Unit-II		Features and working of hard disk drive, Features and working of floppy disk drive, Feature of optical and DVD disk drives and CD writer, Feature of Pen Drive, Logical structure of disk and its organization, Working of boot record, SSD, Working of SSD	6
Unit-III		Hub, Switches, Gateway	8
Unit-IV		Study about Hub, Switches, Gateway, Study about Router, Bridge, Modem, Repeater, Study about Patch Panel, I/O Box, Patch Cord, Study about Access Point- Wireless access Point, Study about Lan wired card, Study about LAN card wireless	6
Unit-V		SMPS, Constant voltage transformers, Uninterruptible Power Supplies, Classification of UPS, On the basis of their output power, ON line UPS, OFF line UPS, Line interactive UPS, Electronic Generator, Comparison Among Three Types of UPS Systems, Selection of UPS, Important specifications of UPS	8