

Subject Code	Subject	Syllabus
<b>C14- 01</b>	<b>Computer Architecture and Fundamentals</b>	<p>Introduction to Computers: Computers in Our World, Introduction, Necessity is the Mother of Invention, Capabilities of a computer, Classification of Computer, Application of Computers, Generation of computers, Addition Reading, Brief History of Computers, Computers and Hardware, Computer System, Input/Output Devices, Central Processing Unit abbreviated(CPU), Brief Introduction to Memory, In Computers Everything is Binary,</p> <p>Input Data: Sources &amp; Concepts, Keyboard, Graphical Input Devices, Those using Special Sensitivity, Those which senses Magnetic Ink, Industrial Robots,</p> <p>Output Devices and storage devices: Why output is needed, Monitor, Printers, Impact, Non-impact Printers, Plotters, Storage Device, Primary Devices, Secondary Devices, Magnetic Disks, Those mounted in the computer, Those which can be removed and used on various machines</p> <p>Computer Software &amp; Data Communication: Computer Software, Application Software &amp; System Software</p>
	<b>Operating Systems &amp; MS-DOS, MS Windows 2000 O.S.</b>	<p>Operating System-MS DOS: Introduction to Operating System, Booting Procedure, Types of Files, DOS PROMPT, A Guarantee to an Instant Start on MS-DOS, Getting Started on DOS with Booting the System, MSDOS.SYS, Command COM, Telling DOS the Data and Time, Concepts Review, Getting and Interpreting a Directory, Making use of Pause Key to freeze scrolling, Getting a Printed Copy of a Directory, Using Wild Card Character, What is a Wild Card Character?,</p> <p>Understanding DOS-I, Internal DOS Commands, Wild Card Character in DOS, Directory Related Commands, File Related Commands,</p> <p>Understanding DOS II, External DOS Commands AND Utilities, Concepts Review, Making use of Hierarchical Directories, What are Hierarchical Directories?, Hierarchical Directory System, Making use of MKDIR or MD command, Making use of CHDIR or CD command, Making use of the RMDIR or RD command, Concepts Review, Copying commands, Copy command, Copy Source file Destination file, Disk copy source Destination, Concepts Review, Displaying the file contents, Syntax, Type Filename, Print Filename(s), DEL Filename(s), Erase Filename(s), Formatting Disks, FORMAT &lt;DRIVE:&gt;/&lt;SWITCHES&gt;, Renaming Files, Rename Original Filename New filename, Clearing the Screen, Displaying the Version Number, VER, Find, Sort Filename,</p> <p>Filters &amp; Redirection, Redirection, Input Redirection of a command, Filter Commands, Connecting Pipe, Combining Redirection and Filters</p> <p>Batch files, Techniques of batch Files, Create your first batch file, Suppressing of On-screen display of commands, Decision making with Batch files</p> <p>INTRODUCTION TO WINDOWS 2000: Introduction to Operating System, What is an Operating system?, Why is it required?, What are the types of an Operating System?, What are the functions of an Operating System?, Terms often used for Windows 2000, Introduction to Windows 2000, Specialties of Windows 2000, Terms often used in Windows 2000,</p> <p>TASKBAR - WHAT IS GOING ON?, What is the Taskbar?, What are its functions?, Launching of applications with help of Launching Pad, Explanation of title bar and buttons, Switching between applications, Changing the size and position of the Taskbar, Properties of the Taskbar, DESKTOP - HOW DO I LOOK?, Introduction to the Desktop, Main Icons on the Desktop, Properties of the Desktop,</p> <p>AN APPLETS TEMPORARILY KEEPS APPLICATIONS AWAY, what does an Applet mean?. Different Applets under</p>

**DETAILED SYLLABUS**