Government Polytechnic Bhiwani

Lesson Plan

Name of Faculty:	Mrs. Neelam Rani
Discipline:	Computer Engg.
Semester:	1st year
Subject:	computer fundamental
Lesson plan duration :	From August 2018 to April 2019

Week (One times a week of 4 hours class)	Theory Topic
	Theory day
1st	1st Introdution of Fundamental of computer, Draw the block diagram of a computer
	2nd Explain the interaction between the CPU, Memory Input / output devices
	3rd Function of CPU, Function of memory
	4th Function of input/output devices
2nd	1st State the relevance of speed and word length for cpu performance
	2nd Recognize the current family of cpu used in computer
	3rd types of memory used in a computer
	4th State the importance of cache memory
3rd	1st Generations of computers
	2nd Classification of computer- basec on size, Processor
	3rd Know Importance of binary number system for used digital computers
	4th Various Number systems used in digital Computer
4th	1st Convert decimal number into binary number and vice versa
	2nd Convert binary number into hexadecimal number and vice versa
	3rd understand the ASCII coding, EBCDIC coding scheme
	4th Test this Chapter
5th	1st Describe the need for and operating system
	2nd list the various operating system used presently
	3rd DOS Prompt, Types of Commands, Internal & External Commands
	4th Directories and files , wild cards, autoexec.bat, config.says
6th	1st List the features of Window desktop, List the components of Window
	2nd State the function of each component of Window

	3rd Explain the method of starting a program using start button
	4th Understand maximize, minimize, restore down and close button
7th	1st meaning of a file, folder, viewing the contents of hard disk drive using explore
	2nd method of finding a file using search option, formatting a floppy disk using explore 2nd option
	3rd Describe installing new software using control panel
	4th Describe uninstalling software using control panel
8th	1st Explain installing a new hardware using control panel
	2nd Explain uninstalling a hardware using control panel
	3rd Narrate finding out drive space using system tool option of accessories group
	4th Explain the procedure of disk defragmentation using system tool
9th	1st Narrate installing a Printer using control pane
	2nd Draw the symbols used in flowcharts, flowcharts for simple problem
	3rd Explain the procedure for changing resolution, colour, appearances, and screensaver option of the display
	4th Narrate the process of charging the system date and time
10th	1st Revison of this unit
	2nd Test of unit 1 and 2
	3rd Explain meaning of a computer network
	4th Describe the concept of a local area network
11th	1st Explain the concept of wide area networr
	2nd Compare internet & intranet
	3rd Describe the relevance of an internet service provider
	4th Explain the role of the modem in accessing the internet
12th	1st Explain the installation procedure of a modem using control panel
	2nd Explain the structure of a Universal Resources Locator(URL)
	3rd Describe the purpose of World Wide Web, FTP, telnet and E-mail
	4th Explain the process of sending and receiving e-mail
13th	1st Understand different connection methods, Describe address format and IP address
	2nd Describe DNS, Describe the role of search engines with examples

	3rd	Differences between search engines and directory
	4th	Assignment
14th	1st	Know about social network sites, internet security
	2nd	Test of unit 3
	3rd	State the different steps involved in problem solving
	4th	State the steps involved in algorithm development
15th	1st	Differentiate algorithm and flowchart
	2nd	Develop algorithms for simple problems
	3rd	Asignment check
	4th	Mock test