Name of the Faculty	Indu bala
Discipline	Computer Engg
Semester and Subject	1st , FIT
Lesson Plan Duration	15 Weeks
Work Load (Lecture / Practical) per week (in hours)	Lectures-02, Practical-04

Week	Theory			Practical	
	Lecture Day	Topic (including assignment / test)		Practical Day	Topic
1st	1st	Brief history of development of computers, Definition of Computer		1st	Browser features, browsing, using various search engines, writing search queries
	2nd	Block diagram of aComputer			various e-governance/Digital India portals, understand their features, servicesoffered
2nd	3RD	Hardware, Software, Booting: Cold and Hot Booting		2nd	Read Wikipedia pages on computer hardware components, look at those components inlab, identify them, recognize various ports/interfaces and related cables, etc.
	4TH	Interaction between the CPUand Memory with Input/Output devices			Using Administrative Tools/Control Panel Settings of Operating Systems
3rd	5TH	Function of CPU and major functional parts of CPU		3rd	Connect various peripherals (printer, scanner, etc.) to computer, explore various featuresof peripheral and their device driver software
	6TH	Memory, Bit, Nibble, Byte, KB, MB, GB, TB, PB, Functions of memory			Explore features of Open Office tools and MS-Office, create documents, create presentation, create spread sheet, using these features, do it multiple times
4th	7TH	Use of storage devicesin a Computer		4th	Working with Conversion Software like pdf To Word, Word To PPT, etc.

	8TH	List types of memory used in a Computer, Importance of cache memory, CPU speed and CPU word length		Working with Mobile Applications – Searching for Authentic Mobile app, Installationand Settings, Govt. of India Mobile Applications
5th	9TH	Understanding browser, Introduction to WWW, efficient use of search engines	5th	Creating email id, sending and receiving mails with attachments
	10TH	awareness about Digital India portals (state and national portals) and college portals		Using Google drive, Google calendar
6th	11TH	Advantages of Email, Various email service providers	6th	Addition of n numbers and display result
	12TH	Creation of email id, sending and receiving emails, attaching documents with email and drive		To convert temperature from Celsius to Fahrenheit
7th	13TH	Effective use of Gmail, G-Drive, Google Calendar, Google Sites, Google Sheets	7th	To find Area and Perimeter of Square
	14TH	Online mode ofcommunication using Google Meet & WebEx, Introduction to Programming		Swap Two Numbers
8th	15TH	Steps involved in problem solving, Definition of Algorithm, Definition of Flowchart, Steps involved in algorithm development	8th	find the smallest of two numbers
	16TH	differentiate algorithm and flowchart, symbols used in flowcharts,algorithm and flowcharts for simple problems		Find whether given number is Even or Odd

9th	17TH	Practice logic building using flowchart/algorithms, Test	9th	To print first n even Numbers
	18TH	Office Tools like LibreOffice/OpenOffice/MSOffice		find sum of series 1+2+3+…..+N
10th	19TH	OpenOffice Writer – Typesetting Text and Basic Formatting, Inserting Images, Hyperlinks,Bookmarks, Tables and Table Properties in Writer	10th	print multiplication Table of a number
	20TH	Test		generate first n Fibonacci terms 0,1,1,2,3,5…n (n>2)
11th	21ST	Introducing LibreOffice/OpenOffice *Calc*, Working with Cells, Sheets, data, tables, usingformulae and functions, using charts and graphics	11th	sum and average of given series of numbers
	22ND	OpenOffice Impress – Creating and Viewing Presentations, Inserting Pictures and Tables, SlideMaster and Slide Design, Custom Animation		Revision
12th	23RD	Introduction to Digital Marketing – Why Digital Marketing,	12th	Factorial of number n (n!=1x2x3x…n)
	24TH	Characteristics of Digital Marketing, Tools for Digital Marketing		Armstrong Number
13th	25TH	Effective use of Social Media like LinkedIn, Google+, Facebook, Twitter	13th	Revision
	26TH	Features of Social media		Find whether given number is Prime or not
14th	27TH	Test	14th	Revision
	28TH	Advantages and Disadvantages of Social Media		Revision
15th	29TH	Revision	15th	Revision
	30TH	Revision		Revision