

Lesson Plan

Subject : Fundamentals of IT (FIT)

Name of Faculty : Dr. Dupinder Kaur

Department : Computer Engg.

Semester : First

Lesson Plan Duration : July 2026 to Nov 2026

Week	Theory		Practical	
	Lecture Day	Topics (Including Assignment / Test)	Practical Day	Topics
1	1	Brief History of Development of Computer	1	Browser features
	2	Definition and block diagram of Computer	2	Using various search engine
2	3	Computer hardware, Computer software	3	Visit various E-Govt/digital India portal
	4	Booting process-hot booting & cold booting	4	Read Wikipedia pages on computer hardware
3	5	Interaction between CPU, memory & I/O devices	5	Using administrative tools
	6	Functional part of CPU	6	Connect various peripheral devices to computer
4	7	Memory unit and functional part of memory	7	Creating document using MS office
	8	Use of storage devices in computer	8	Create presentation
5	9	Cache memory and CPU speed, CPU word Length	9	Create spreadsheet
	10	Revision	10	Revision
6	11	Assignment and Class Test	11	Revision
	12	Basic internet skill, www, Digital India portals	12	Working with word
7	13	Sessional Test-1	13	Sessional
	14	E-mail, Google sheet, online mode of communication	14	Exploring various digital India portals

8	15	Basic logic building, Programming steps	15	Using Google drive
	16	Algorithm, flow charts	16	Using Google Calendar
9	17	Algorithm for simple problem	17	Creation of flow charts
	18	Flow chart for simple problem	18	Creation of algorithm
10	19	Practice logic building using algorithm and flow charts	19	Program-addition of n numbers
	20	Assignment	20	Revision
11	21	Sessional Test-II	21	Session II
	22	Office tools-open office, MS office	22	Program-print first n even number
12	23	Open office writer	23	Program-find sum of series 1+2+3..
	24	Introducing LIBRE office	24	Program-print multiplication table of a number
13	25	Open office impress	25	Armstrong number
	26	Uses of social media	26	Practice on previous topics
14	27	Introduction to digital marketing, Features of social media	27	Program- swap two number
	28	Assignment and Class Test	28	Program- find whether given number is even or odd
15	29	Advantages and disadvantages of social media	29	Program-find whether given number is prime or not
	30	Revision	30	Program-sum and average of number
16	31	Sessional Test-III	31	Sessional Test-III
	32	Revision	32	Revision