

LESSON PLAN

SUBJECT: COMPUTER APPLICATION **Periods:** 4 per week **SEMESTER:** 2ND

NAME OF FACULTY: SUBASH CHANDRA KARAN **ACADEMIC YEAR:** 2020-21

No. of weeks: 15

Week	Class Day	Theory / Practical Topics
1 st	1 st	Introduction to Computer Evolution of Computers Generation of Computers.
	2 nd	Classification of Computers Basic Organisation of Computer (Functional Block diagram)
	3 rd	Input Devices, CPU & Output Devices
	4 th	Computer Memory and Classification of Memory
2 nd	1 st	Software concept, System software, Application software Overview of Operating System Objectives and
	2 nd	Functions of O.S , Types of Operating System: Batch Processing, Multiprogramming, Time Sharing OS
	3 rd	Features of DOS, Windows and UNIX Programming Languages Compiler, interpreter
	4 th	Computer Virus Different Types of computer virus
3 rd	1 st	Detection and prevention of Virus
	2 nd	Application of computers in different Domain
	3 rd	Networking concept, Protocol, Connecting Media, ,
	4 th	Date Transmission mode
4 th	1 st	Network Topologies
	2 nd	Types of Network ,Networking Devices like Hub, Repeater
	3 rd	Networking Devices Switch, Bridge, Router, Gateway & NIC
	4 th	Internet Services like E-Mail, WWW
5 th	1 st	FTP, Chatting, Internet Conferencing
	2 nd	Electronic Newspaper & Online Shopping
	3 rd	Different types of Internet connectivity and ISP
	4 th	Concept of File and Folder File Access
6 th	1 st	Storage methods. Sequential, Direct, ISAM
	2 nd	Data Capture, Data storage Data Processing and Retrieval
	3 rd	Algorithm, Pseudo code and Flowchart
	4 th	Generation of Programming Languages Structured Programming Language
7 th	1 st	Examples of Problem solving through Flowchart
	2 nd	Examples of Problem solving through Flowchart
	3 rd	Examples of Problem solving through Flowchart
	4 th	Fundamental of Programming, Constants, Variables,
8 th	1 st	Data types in C
	2 nd	Managing Input and Output operations. Operators, Expressions,
	3 rd	Type conversion & Typecasting
	4 th	Decision Control and Looping Statements (If, If-else, If-else-if)
9 th	1 st	Switch Case
	2 nd	While, Dowhile, For, Break, Continue & Goto
	3 rd	Programming Assignments using the above features
	4 th	Programming Assignments using the above features
10 th	1 st	Programming Assignments using the above features
	2 nd	Basic Concepts Functions
	3 rd	Types of Function
	4 th	Passing Parameters to the Function (Call by Value and Call by Reference)
11 th	1 st	Scope of Variables

	2 nd	Storage Classes
	3 rd	Storage Classes Examples
	4 th	Recursion and Types of Recursion
12 th	1 st	One Dimensional Array and Multidimensional Array String Operations
	2 nd	Pointers Pointer Expression and Pointer Arithmetic Programming
	3 rd	Assignments using function
	4 th	Assignments using the array
13 th	1 st	Assignments using the recursion
	2 nd	Structure in C Language
	3 rd	Union in C Language
	4 th	C Program Practise
14 th	1 st	C Program Practise
	2 nd	C Program Practise
	3 rd	C Program Practise
	4 th	Revision
15 th	1 st	Revision
	2 nd	Revision
	3 rd	Revision
	4 th	Revision