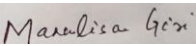


ACADEMIC CURRICULAM PLAN		
LESSON PLAN 2022(Winter) Classes from 25/10/2022		
Discipline :- Civil Sec- (8)	Semester : 1st	Name of the Teaching faculty: Miss Manalisa Giri
Subject:- COMPUTER APPLICATION	No. of days/per week class Allotted: 03	No. of Weeks : 15
Month	Class Day	Theory / Practical Topics
1 st week	1 st	Introduction to Computer Evolution of Computers.
	2 nd	Generation of Computers Classification of Computers.
	3 rd	Basic Organization of Computer (Functional Block diagram). Question Answer Discussion.
2 nd week	1 st	Input Devices, CPU & Output Devices.
	2 nd	Computer Memory and Classification of Memory.
	3 rd	Software concept, System software, Application software. Overview of Operating System Objectives and Functions of O.S.
3 rd week	1 st	Question Answer Discussion.
	2 nd	Types of Operating System: Batch Processing, Multiprogramming.
	3 rd	Time Sharing OS Features of DOS. Windows and UNIX.
4 th week	1 st	Programming Languages Compiler.
	2 nd	Question Answer Discussion.
	3 rd	Interpret Computer Virus, Different Types of computer virus, Detection and prevention of Virus.
5 th week	1 st	Interpret Computer Virus, Different Types of computer virus, Detection and prevention of Virus.
	2 nd	Networking concept, Protocol.
	3 rd	Connecting Media, Data Transmission mode. Network Topologies, Types of Network.
6 th week	1 st	Networking Devices like Hub, Repeater, Switch, Bridge, Router, Gateway & NIC.
	2 nd	Internet Services like E-Mail, WWW.
	3 rd	FTP, Chatting, Internet Conferencing. Electronic Newspaper & Online Shopping .
7 th week	1 st	Different types of Internet connectivity and ISP.
	2 nd	Concept of File and Folder, Question Answer Discussion.
	3 rd	File Access and Storage methods. Sequential, Direct, ISAM Data Capture.
8 th week	1 st	Data storage, Data Processing and Retrieval.
	2 nd	Algorithm.
	3 rd	Algorithm, Question Answer Discussion.
9 th week	1 st	Pseudo code.
	2 nd	Flowchart Generation of Programming Languages.
	3 rd	Structured Programming Language, Examples of Problem solving through Flowchart .
10 th week	1 st	Examples of Problem solving through Flowchart.
	2 nd	Examples of Problem solving through Flowchart.
	3 rd	Constants, Variables and Data types in C Managing Input and Output operations.
11 th week	1 st	Data types in C Managing Input and Output operations, Operators Expressions.
	2 nd	Expressions, Type conversion & Typecasting.
	3 rd	Decision Control and Looping Statements (If, If-else, If-else-if, Switch, While, Do- while, For, Break, Continue & Goto).
12 th week	1 st	Decision Control and Looping Statements (If, If-else, If-else-if, Switch, While, Do- while, For, Break, Continue & Goto).
	2 nd	While, Do- while, For, Break, Continue & Goto.
	3 rd	Programming Assignments using the above features.
13 th week	1 st	Question & Answer Discussion.
	2 nd	Advance Features of C, Functions In C.
	3 rd	Functions In C. Passing Parameters to the Function (Call by Value and Call by Reference).
14 th week	1 st	Passing Parameters to the Function (Call by Value and Call by Reference).
	2 nd	Doubt Clearing Class.
	3 rd	Scope of Variables and Storage Classes. Recursion Function, Types of Recursion.
15 th week	1 st	One Dimensional Array.
	2 nd	Multidimensional Array.
	3 rd	String Operations, Pointers. Pointer Expression and Pointer Arithmetic Programming Assignments.
		 Signature of the faculty