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