LESSON PLAN (Winter-2023)		
Discipline: Civil	Semester: 1st	Name of the Teaching Faculty: Sabyasachi Sarangi
Subject: COMPUTER APPLICATION (Th-1b)	No of Days /per week class allotted:4	No of Weeks:15
Week	Class Day	Theory / Practical Topics
	4.4	COMPUTER ORGANISATION:
	1st	Introduction to computer, Evolution, Generation of Computers
/ 1st	2nd	Classification of Computers
	3rd	Basic Organization of Computers (Functional block diagram)
	4th	Input devices, CPU & output devices
	1st	Computer Memory and Classification of Memory
2nd	2nd	COMPUTER SOFTWARE: Software concept: system software, Application software
Zilu	3rd	Overview of operating system Objectives and Functions of OS
	4th	Types of OS: Batch processing, multiprogramming, Time sharing OS
	1st	Features of DOS
3rd	2nd	Features of Windows and UNIX
	3rd	Programming Languages
	4th	Compiler, Interpreter
	1st	Computer Virus, Different Type Of Computer Virus, Detection and prevention of Virus ,Application Of Computers In Different Domai
4th	2nd	COMPUTER NETWORK AND INTERNET: Networking concept, Protocol
401	3rd	Connecting Media
	4th	Data Transmission Mode
-	1st	Network Topologies
5th	2nd	Types of Networks
5(1)	3rd	Networking Devices Like Hub, Repeater, Switch, Bridge, Router, Gateway
480	4th	Internet Services Like E-mail, WWW, FTP, Chatting, Internet Conferencing, Electronic Newspaper & Online Shopping
	1st	Different types of Internet Connectivity and ISP
n Alle III	2nd	FILE MANAGEMENT AND DATA PROCESSING: Concept Of File and Folder
6th	3rd	File Access and Storage Methods: sequential, Direct
	4th	ISAM Methods, Data Capture, Data Storage
7th	1st	Data Processing and Retrieval
	2nd	PROBELEM SOLVING METHODOLOGY: Algorithm Examples

	3rd	Pseudo code
	4th	Flowchart
8th	1st	Generation of Programming Languages
	2nd	Structured Programming Language
	3rd	OVER VIEW OF C PROGRAMMING LANGUAGE: Structure of a C Program
	4th	Constants, Variables
V. 1	1st	Data Types in C
9th	2nd	Managing Input Operations
.54.11	3rd	Managing Output Operations
L L.	4th	Operators
	1st	Expressions
10th	2nd	Type Conversion and Type Casting
10111	3rd	Decision Control Statements
	4th	IF,IF-ELSE
	1st	IF-ELSE-IF, switch case
11th	2nd	Looping Statements While, Do-While
11(1)	3rd	For loop
	4th	Programming Above Features
	1st	Continue and go to
12th	2nd	Programming Assignments using above Features
1201	3rd	ADVANCED FEATURES OF C :Functions
l X	4th	Types Of Functions
1 1,	1st	Passing Parameters to the Function (Call by value and Call by reference)
13th	2nd	Scope of Variables and Storage Classes
1501	3rd	Recursion Function
	4th	Array in C
	1st	One Dimensional Array
1.4+b	2nd	Multi-Dimensional Array
14th	3rd	String Operations and Pointers.
	4th	Pointer Expression
	1st	Pointer Arithmetic Programming
15th	2nd	Pointer Arithmetic Programming Assignments Using the Above Features
	3rd	Structure
	4th	Union(concepts)

Signature of the Faculty

		LESSON PLAN (Winter-2023)
Discipline: Mech- A	Semester: 1st	Name of the Teaching Faculty: Barsha Rani Patel
Subject: COMPUTER APPLICATION (Th-1b)	No of Days /per week class allotted:4	No of Weeks:15
Week	Class Day	Theory / Practical Topics
4 14.	1st	COMPUTER ORGANISATION: Introduction to computer, Evolution, Generation of Computers
1st	2nd	Classification of Computers
	3rd	Basic Organization of Computers (Functional block diagram)
	4th	Input devices, CPU & output devices
	1st	Computer Memory and Classification of Memory
2nd	2nd	COMPUTER SOFTWARE: Software concept: system software, Application software
2110	3rd	Overview of operating system Objectives and Functions of OS
	4th	Types of OS: Batch processing, multiprogramming, Time sharing OS
	1st	Features of DOS
3rd	2nd	Features of Windows and UNIX
210	3rd	Programming Languages
	4th	Compiler, Interpreter
kan'	1st	Computer Virus, Different Type Of Computer Virus, Detection and prevention of Virus ,Application Of Computers In Different Domain
446	2nd	COMPUTER NETWORK AND INTERNET: Networking concept, Protocol
4th	3rd	Connecting Media
E. 50	4th	Data Transmission Mode
	1st	Network Topologies
5th	2nd	Types of Networks
	3rd	Networking Devices Like Hub, Repeater, Switch, Bridge, Router, Gateway
	4th	Internet Services Like E-mail, WWW, FTP, Chatting, Internet Conferencing, Electronic Newspaper & Online Shopping
6th	1st	Different types of Internet Connectivity and ISP
	2nd	FILE MANAGEMENT AND DATA PROCESSING: Concept Of File and Folder
	3rd	File Access and Storage Methods: sequential, Direct
	4th	ISAM Methods, Data Capture, Data Storage
	1st	Data Processing and Retrieval
7th	2nd	PROBELEM SOLVING METHODOLOGY: Algorithm Examples
7.01		

		LESSON PLAN (Winter-2023)
Discipline: Mech- B	Semester: 1st	Name of the Teaching Faculty: Rabi Kumar Darji
Subject: COMPUTER APPLICATION (Th-1b)	No of Days /per week class allotted:4	No of Weeks:15
Week	Class Day	
	1st	COMPLITED COCCURRENCE OF COMPLITED COCCURRENCE OF COMPLITED COCCURRENCE OF COCCUR
		COMPUTER ORGANISATION:
1st	2nd	Introduction to computer, Evolution, Generation of Computers
	3rd	Classification of Computers  Rasic Organization of Computers
	4th	Basic Organization of Computers (Functional block diagram) Input devices, CPU & output devices
	1st	Computer Memory and Classification of Memory
2nd	2nd	COMPUTER SOFTWARE: Software concept: system software, Application software
Znu	3rd	Overview of operating system Objectives and Functions of OS
	4th	Types of OS: Batch processing, multiprogramming, Time sharing OS
	1st	Features of DOS
3rd	2nd	Features of Windows and UNIX
Siu	3rd	Programming Languages .
	4th	Compiler, Interpreter
	1st	Computer Virus, Different Type Of Computer Virus, Detection and prevention of Virus, Application Of Computers In Different Doma
	2nd	COMPUTER NETWORK AND INTERNET: Networking concept, Protocol
4th	3rd	Connecting Media
	4th	Data Transmission Mode
	1st	Network Topologies
Fall	2nd	Types of Networks
5th	3rd	Networking Devices Like Hub, Repeater, Switch, Bridge, Router, Gateway
	4th	Internet Services Like E-mail, WWW, FTP, Chatting, Internet Conferencing, Electronic Newspaper & Online Shopping
6th	1st	Different types of Internet Connectivity and ISP
	2nd	FILE MANAGEMENT AND DATA PROCESSING: Concept Of File and Folder
	3rd	File Access and Storage Methods: sequential, Direct
	4th	ISAM Methods, Data Capture, Data Storage
7th	1st	Data Processing and Retrieval
	2nd	PROBELEM SOLVING METHODOLOGY: Algorithm Examples

	3rd	Pseudo code
, to d	4th	Flowchart
8th	1st	Generation of Programming Languages
	2nd	Structured Programming Language
	3rd	OVER VIEW OF C PROGRAMMING LANGUAGE: Structure of a C Program
	4th	Constants, Variables
	1st	Data Types in C
9th	2nd	Managing Input Operations
901	3rd	Managing Output Operations
	4th	Operators
	1st	Expressions
10th	2nd	Type Conversion and Type Casting
10111	3rd	Decision Control Statements
	4th	IF,IF-ELSE
	1st	IF-ELSE-IF, switch case
1144	2nd	Looping Statements While, Do-While
11th	3rd	For loop
	4th	Programming Above Features
	1st	Continue and go to
424	2nd	Programming Assignments using above Features
12th	3rd	ADVANCED FEATURES OF C :Functions
	4th	Types Of Functions
7 44	1st	Passing Parameters to the Function (Call by value and Call by reference)
40th	2nd	Scope of Variables and Storage Classes
13th	3rd	Recursion Function
	4th	Array in C
1 6 -	1st	One Dimensional Array
1 444	2nd	Multi-Dimensional Array
14th	3rd	String Operations and Pointers.
	4th	Pointer Expression
	1st	Pointer Arithmetic Programming
	2nd	Pointer Arithmetic Programming Assignments Using the Above Features
15th	3rd	Structure
4 1 1 1	4th	Union(concepts)