Discipline :Electrical Engineering	Semester:- 2nd	Name of the Teaching Faculty:-Paramananda Dash
Subject:-Computer Application	No. Of Days/per Week Class Allotted 4	Semester From :- 28/04/2021 To :- 19/08/2021 No. Of weeks :- 15
Week	**Class Day**	**Theory**
1ST	1st	Introduction to computer
	2nd	Evolution of Computers
	3rd	Generation of Computers
	4th	Classification of computer
2ND	1st	Basic Organisation of Computer
	2nd	(Functional Block Diagram)
	3rd	Input devices, CPU &Output Devices.
	4th	Computer Memory And Classification Of Memory.
3RD	1st	Software Concept,
	2nd	System software, Application software,
	3rd	Overview of Operating System
	4th	Objectives And Function Of O.S,
4TH	1st	Types of Operating System: Batch Processing,
	2nd	Multiprogramming, Time Sharing OS
	3rd	Features Of DOS, windows and UNIX ,
	4th	Programming Language
5TH	1st	Compiler, interpreter
	2nd	Computer Virus Different types Of Computer Virus,
	3rd	Detection of Prevention of Virus.
	4th	Application of computers in different Domain.
6TH	1st	Networking concept,
	2nd	Protocol, Connecting Media, Date Transmission mode ,
	3rd	Network Topologies, Types Of Network.
	4th	Networking Devices like Hub, Repeater, Switch
7TH	1st	Bridge, Router, Gateway & NIC
	2nd	Internet Services like E-mail. WWW,
	3rd	FTP, chatting,
	4th	Internet Conferencing.
8TH	1st	Electronic Newspaper & Online Shopping.
	2nd	Different Types of Internet connectivity and ISP.
	3rd	Concept of File and Folder,
	4th	File Access and Storage methods.
9TH	1st	Sequential. Direct,
	2nd	ISAM.
	3rd	Data Processing And Retrieval.
	4th	Algorithm, Pseudo code and
10TH	1st	Flowchart Generation of
	2nd	Programming Languages,
	3rd	Structured Programming Language,
	4th	Examples of problem solving through Flowchart
11TH	1st	Constants, Variables
	2nd	Data Types in C
	3rd	Managing Input and Output operations.
	4th	Decision control and looping Statement
12TH	1st	if, if-else, If –else-if,
	2nd	Switch, While, Do-while,
	3rd	For , Break,

	4th	Continue & Go to
13TH	1st	Programming Assignments Using the above Features.
	2nd	Functions and Passing Parameters to the Function
	3rd	Call by Value and Call by Reference.
	4th	Scope of Variables and Storage Classes Recursion
14TH	1st	Function and Types of Recursion.
	2nd	One Dimensional Array
	3rd	and Multidimensional Array,
	4th	String Operation and Pointers.
15TH	1st	Pointer Expression and Pointer
	2nd	Arithmetic Programming
	3rd	Assignments using the Above Features.
	4th	Structure and Union.

28/4/2021

Signature of concerned lecturer

28/04/21

Signature of H.O.D

28/04/21

Signature of Academic Coordinator

Signature of principal

Discipline :Civil Engineering	Semester:- 2nd	Name of the Teaching Faculty:-Paramananda Dash
Subject:-Computer Application	No. Of Days/per Week Class Allotted 4	Semester From :- 28/04/2021 To :- 19/08/2021 No. Of weeks :- 15
Week	**Class Day**	**Theory**
1ST	1st	Introduction to computer
	2nd	Evolution of Computers
	3rd	Generation of Computers
	4th	Classification of computer
2ND	1st	Basic Organisation of Computer
	2nd	(Functional Block Diagram)
	3rd	Input devices, CPU &Output Devices.
	4th	Computer Memory And Classification Of Memory.
3RD	1st	Software Concept,
	2nd	System software, Application software,
	3rd	Overview of Operating System
	4th	Objectives And Function Of O.S,
4TH	1st	Types of Operating System: Batch Processing,
	2nd	Multiprogramming, Time Sharing OS
	3rd	Features Of DOS, windows and UNIX ,
	4th	Programming Language
5TH	1st	Compiler, interpreter
	2nd	Computer Virus Different types Of Computer Virus,
	3rd	Detection of Prevention of Virus.
	4th	Application of computers in different Domain.
6TH	1st	Networking concept,
	2nd	Protocol, Connecting Media, Date Transmission mode ,
	3rd	Network Topologies, Types Of Network.
	4th	Networking Devices like Hub, Repeater, Switch
7TH	1st	Bridge, Router, Gateway & NIC
	2nd	Internet Services like E-mail. WWW,
	3rd	FTP, chatting,
	4th	Internet Conferencing.
8TH	1st	Electronic Newspaper & Online Shopping.
	2nd	Different Types of Internet connectivity and ISP.
	3rd	Concept of File and Folder,
	4th	File Access and Storage methods.
9TH	1st	Sequential. Direct,
	2nd	ISAM.
	3rd	Data Processing And Retrieval.
	4th	Algorithm, Pseudo code and
10TH	1st	Flowchart Generation of
	2nd	Programming Languages,
	3rd	Structured Programming Language,
	4th	Examples of problem solving through Flowchart
11TH	1st	Constants, Variables
	2nd	Data Types in C
	3rd	Managing Input and Output operations.
	4th	Decision control and looping Statement
12TH	1st	if, if-else, If –else-if,
	2nd	Switch, While, Do-while,
	3rd	For , Break,

	4th	Continue & Go to
13TH	1st	Programming Assignments Using the above Features.
	2nd	Functions and Passing Parameters to the Function
	3rd	Call by Value and Call by Reference.
	4th	Scope of Variables and Storage Classes Recursion
14TH	1st	Function and Types of Recursion.
	2nd	One Dimensional Array
	3rd	and Multidimensional Array,
	4th	String Operation and Pointers.
15TH	1st	Pointer Expression and Pointer
	2nd	Arithmetic Programming
	3rd	Assignments using the Above Features.
	4th	Structure and Union.

28/4/21 . 28/04/21 28/04/21

Signature of concerned lecturer Signature of H.O.D Signature of Academic Coordinator

Signature of principal