

# LESSON PLAN

Discipline : Electrical Engg.	Semester : 2nd	Name of the Teaching Faculty : Mr Asit Ranjan Prusty/Miss Bidyut Prabha Pradhan	
Subject : Computer Application	No. of days/Per weeks Class Allotted Weeks : 4	Semester From : 29/01/2024 To 14/05/2024	No. of Weeks : 16
Weeks	Class day	Theory	
1st(Feb 2024)	1st	Introduction to Computer	
	2nd	Evolution of Computer	
	3rd	Generation of Computer, Classification of Computer	
	4th	Basic Organisation of Computer	
2nd(Feb 2024)	1st	Functional Block Diagram	
	2nd	Input Devices ,CPU ,Output Devices	
	3rd	Classification Of Computer Memory	
	4th	Computer Software Concepts, System Software and Application Software	
3rd(Feb 2024)	1st	Overview of Operating System	
	2nd	Objectives, Functions of O.S	
	3rd	Types of Operating System	
	4th	Batch Processing , Multiprogramming, Time Sharing OS	
4th(Feb 2024)	1st	Feature of DOS , Windows and UNIX	
	2nd	Programming Languages	
	3rd	Compiler , Interpreter	
	4th	Computer Virus, Different Types of Comp Virus	
1st(Mar 2024)	1st	Detection and prevention of Virus	
	2nd	Application of computer in different Domain	
	3rd	Networking Concept, Protocol, Connecting Media	
	4th	Data Transmission Mode	
2nd(Mar 2024)	1st	Network Topologies, Types of Network	
	2nd	Networking devices like Hub, Repeater, Switch, Bridges, Router, Gateway & NIC	
	3rd	Internet services like E-mail, www, FTP, Chatting, Internet Conferencing	
	4th	Electronic Newspaper & Online Shopping	
3rd(Mar 2024)	1st	Different Types of Internet Connectivity & ISP	
	2nd	Concept of File and Folder	
	3rd	File Access and Storage Methods	
	4th	Sequential, Direct, ISAM	
4th(Mar 2024)	1st	Data Capture, Data Storage	
	2nd	Data Processing & Data Retrieval	
	3rd	Algorithm, Pseudocode and Flowchart	
	4th	Generation of Programming Languages	
1st(Apr 2024)	1st	Structured Programming Language	
	2nd	Examples of Problem Solving through Flowchart	
	3rd	Constants, Variables and Data types in C	
	4th	Managing Input and Output Operations	
2nd(Apr 2024)	1st	Operators, Expressions, Type Conversion, Type Casting , Decision Control	
	2nd	1st class Test	

	3rd	Looping Statements(If, If - else, If-else if, Switch, While)
	4th	Do while, For, Break, Continue, Goto
3rd(Apr 2024)	1st	Programming Assignments using the above features
	2nd	Function and passing parameters to function
	3rd	Storage variables
	4th	Storage Classes
4th(Apr 2024)	1st	Recursion , Recursion Function
	2nd	2nd Class Test
	3rd	Types of Recursion
	4th	1d array and Multidimensional Array
1st(May 2024)	1st	String Operations and Pointers
	2nd	Pointer Expression
	3rd	Pointer Arithmetic
	4th	Structue and Union Concepts Only
2nd(May 2024)	1st	Sample Paper Discussion
	2nd	Sample Paper Discussion
	3rd	Sample Paper Discussion
	4th	Sample Paper Discussion
3rd(May 2024)	1st	Revision
	2nd	Revision

APR 16/1/24

Bidegut Prabha Pradhan  
16/1/24