



# GOVT. POLYTECHNIC MAYURBHANJ

## LESSON PLAN (2023-2024)

Branch : Civil / Metallurgical Engg.		Semester: 1st Sem	Name of the Teaching Faculty :Hemangini Dalei
Subject : Computer Application		No. of Days / per week class allotted : 04	From date : 01.10.2024 To Date: 30.01.2024
MONTH	Week	Day	Topics
OCTOBER	4TH	3RD	Introduction to Computer
		4TH	Evolution of Computers
	5TH	1ST	Generation of ComputersClassification of Computers
NOVEMBER	1ST	2ND	Classification of Computers
		3RD	Basic Organization of Computer (Functional Block diagram)
		4TH	Input Devices, CPU & Output Devices
	2nd	1ST	Computer Memory
		3RD	Classification of Memory
		4TH	Software concept, System software, Application software
	3rd	1ST	Overview of Operating System Objectives
		2ND	Functions of O.S
		3RD	Types of Operating System: Batch Processing, Multiprogramming, Time Sharing OS
		4TH	Features of DOS
	4TH	1ST	Windows and UNIX
		2ND	Programming Languages Compiler, interpreter
		3RD	Computer Virus Different Types of computer virus
		4TH	Detection and prevention of Virus
	5TH	1ST	Application of computers in different Domain
		2ND	Networking concept
		3RD	Protocol, Connecting Media

<b>DECEMBER</b>	1ST	4TH	Network Topologies
	2nd	1ST	Types of Network
			Networking Devices like Hub, Repeater, Switch, Bridge, Router, Gateway & NIC
		2ND	
		3RD	Internet Services like E-Mail, WWW, FTP, Chatting
		4TH	Internet Conferencing, Electronic Newspaper & Online Shopping
	3rd	1ST	Different types of Internet connectivity and ISP
		2ND	Concept of File and Folder
		3RD	File Access and Storage methods. Sequential, Direct, ISAM
		4TH	Data Capture, Data storage
	4TH	1ST	Data Processing and Retrieval
		2ND	Algorithms, pseudo code
		3RD	About Flowchart
		4TH	Generations of programming language
<b>JANUARY</b>	1ST	1ST	Structured programming
		2ND	Examples of problem solving through flowchart
		3RD	Constants, variables
		4TH	data types in C
	2nd	1ST	Managing input and output operations
		2ND	Operators, expressions
		3RD	Type conversion, type casting
		4TH	Decision control
	3RD	1ST	looping statement
		2ND	Programming assignment using above features
		3RD	Functions and passing parameters to the function
		4TH	Scope of variable and storage class, Recursion function and its types
	4TH	2ND	One dimensional and multi dimensional array
		3RD	String operations and pointers, Pointer expression and arithmetic
	5TH	1ST	Programming assignments, Structure and union
		2ND	Rivision