GOVT. POLYTECHNIC MAYURBHANJ
LESSON PLAN (2022-2023)

Branch : Mechanical Engg.	Semester: 2nd Sem	Name of the Teaching Faculty :Hemangini Dalei
Subject :Computer Application	No. of Days / per week class allotted : 04	Semester From date : 20.03.2023 To Date : 27.06.2023

MONTH	Week	Day	Topics
MARCH	4TH	1ST	Introduction to Computer
		2ND	Evolution of Computers
		3RD	Generation of ComputersClassification of Computers
		4TH	Classification of Computers
APRIL	5TH	1ST	Basic Organization of Computer (Functional Block diagram)
		2ND	Input Devices, CPU & Output Devices
		3RD	Computer Memory
	2nd	1ST	Classification of Memory
		3RD	Software concept, System software, Application software
		4TH	Overview of Operating System Objectives
	3rd	1ST	Functions of O.S
		2ND	Types of Operating System: Batch Processing, Multiprogramming, Time Sharing OS
		3RD	Features of DOS
		4TH	Windows and UNIX
	4TH	1ST	Programming Languages Compiler, interpreter
		2ND	Computer Virus Different Types of computer virus
		3RD	Detection and prevention of Virus
		4TH	Application of computers in different Domain
	5TH	1ST	Networking concept
		2ND	Protocol, Connecting Media
		3RD	Network Topologies
		4TH	Types of Network
	1ST	1ST	Networking Devices like Hub, Repeater, Switch, Bridge, Router, Gateway & NIC
		2ND	Internet Services like E-Mail, WWW, FTP, Chatting
		3RD	Internet Conferencing, Electronic Newspaper & Online Shopping
		4TH	Different types of Internet connectivity and ISP
	2ND	1ST	Concept of File and Folder
		3RD	File Access and Storage methods. Sequential, Direct, ISAM

		4TH	Data Capture, Data storage
MAY	3RD	1ST	Data Processing and Retrieval
		2ND	Algorithms, pseudo code
		3RD	About Flowchart
		4TH	Generations of programming language
	4TH	1ST	Structured programming
		2ND	Examples of problem solving through flowchart
		3RD	Constants, variables
		4TH	data types in C
	5TH	1ST	Managing input and output operations
		2ND	Operators, expressions
		3RD	Type conversion, type casting
JUNE	1ST	4TH	Decision control
	2ND	1ST	looping statement
		2ND	Programming assignment using above features
		3RD	Programming assignment using above features
		4TH	Programming assignment using above features
	3RD	1ST	Functions and passing parameters to the function
		2ND	Scope of variable and storage class
	4RH	1ST	Recursion function and its types
		3RD	One dimensional and multi dimensional array
		4TH	String operations and pointers
	5TH	1ST	String operations and pointers
		2ND	Pointer expression and arithmetic
		3RD	Pointer expression and arithmetic