GOVT. POLYTECHNIC MAYURBHANJ
LESSON PLAN (2022-2023)

Branch : Metallurgical Engg.	Semester: 1st Sem	Name of the Teaching Faculty :Hemangini Dalei	
Subject :Computer Application	No. of Days / per week class allotted : 04	Semester From date : 25.10.2022 To Date : 20.02.2023	

MONTH	Week	Day	Topics
OCT	5TH	2ND	Introduction to Computer
		4TH	Evolution of Computers
		5TH	Generation of ComputersClassification of Computers
		6TH	Classification of Computers
NOVEMVER	1ST	2ND	Basic Organization of Computer (Functional Block diagram)
		4TH	Input Devices, CPU & Output Devices
		5TH	Computer Memory
		6TH	Classification of Memory
	2nd	4TH	Software concept, System software, Application software
		5TH	Overview of Operating System Objectives
		6TH	Functions of O.S
	3rd	2ND	Types of Operating System: Batch Processing, Multiprogramming, Time Sharing OS
		4TH	Features of DOS
		5TH	Windows and UNIX
		6TH	Programming Languages Compiler, interpreter
	4TH	2ND	Computer Virus Different Types of computer virus
		4TH	Detection and prevention of Virus
		5TH	Application of computers in different Domain
		6TH	Networking concept
	5TH	2ND	Protocol, Connecting Media
IBER	1ST	4TH	Network Topologies
		5TH	Types of Network
		6TH	Networking Devices like Hub, Repeater, Switch, Bridge, Router, Gateway & NIC
	2nd	2ND	Internet Services like E-Mail, WWW, FTP, Chatting
		4TH	Internet Conferencing, Electronic Newspaper & Online Shopping
		5TH	Different types of Internet connectivity and ISP
		6TH	Concept of File and Folder

DECEM	3rd	2ND	File Access and Storage methods. Sequential, Direct, ISAM
		4TH	Data Capture, Data storage
		5TH	Data Processing and Retrieval
		6TH	Algorithms, pseudo code
	4RH	2ND	About Flowchart
		4TH	Generations of programming language
		5TH	Structured programming
		6TH	Examples of problem solving through flowchart
JANUARY	1ST	2ND	Constants, variables
		4TH	data types in C
		5TH	Managing input and output operations
		6TH	Operators, expressions
	2nd	2ND	Type conversion, type casting
		4TH	Decision control
		5TH	looping statement
	3rd	2ND	Programming assignment using above features
		4TH	Programming assignment using above features
		5TH	Programming assignment using above features
		6TH	Functions and passing parameters to the function
	4TH	2ND	Scope of variable and storage class
		5TH	Recursion function and its types
	5TH	2ND	One dimensional and multi dimensional array
FEBRUARY	1ST	4TH	String operations and pointers
		5TH	String operations and pointers
		6TH	Pointer expression and arithmetic
	2nd	2ND	Pointer expression and arithmetic
		4TH	Programming assignments
		5TH	Structure and union
		6TH	Rivision
	3rd	2ND	Rivison
		4TH	Rivision