GOVT. POLYTECHNIC MAYURBHANJ
LESSON PLAN (2022-2023)

Branch : Civil Engg.		Semester: 1st Sem	Name of the Teaching Faculty :Hemangini Dalei	
Subject :Computer Application		No. of Days / per week class	Semester From date : 25.10.2022 To Date : 20.02.2023	
MONTH	Week	Day	Topics	
OCT	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)	
		4RH	Input Devices, CPU & Output Devices	
	2nd	1ST	Computer Memory	
		3RD	Classification of Memory	
		4RH	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	
DECEMBER	1ST	4TH	Network Topologies	
	2nd	1ST	Types of Network	
		2ND	Networking Devices like Hub, Repeater, Switch, Bridge, Router, Gateway & NIC	
		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	

Month	Week	Period	Topic
DE		4TH	Data Capture, Data storage
	4TH	1ST	Data Processing and Retrieval
		2ND	Algorithms, pseudo code
		3RD	About Flowchart
		4TH	Generations of programming language
JANUARY	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	Programming assignment using above features
		4TH	Programming assignment using above features
	4TH	2ND	Functions and passing parameters to the function
		3RD	Scope of variable and storage class
	5TH	1ST	Recursion function and its types
		2ND	One dimensional and multi dimensional array
FEBRUARY	4TH	1ST	String operations and pointers
		3RD	String operations and pointers
		4TH	Pointer expression and arithmetic
	5TH	1ST	Pointer expression and arithmetic
		2ND	Programming assignments
		3RD	Structure and union
		4TH	Rivision