

BALASORE SCHOOL OF ENGINEERING, BALASORE

LESSON PLAN-MECH., CIVIL & ETC

SEMESTER: 1ST

THEORY-1

SUBJECT: -COMPUTER APPLICTION NAME OF THE FACULTY: - S. NAYAK /P. K. GIRI

SL. NO.	MONTH /NO .OF ACADEMIC DAYS AVAILABLE FOR THE SUBJECT	CHAPTER	DATE	TOPICS TO BE COVERED	NO OF PERIODS AVAILABLE AS PER SYLLABUS	NO OF PERIODS AVAILABLE AS PER PLAN
01	AUG/14	CHAPTER-1	09/08/2023	COMPUTER ORGANISATION - Introduction to Computer, Evolution of Computers	05	07
			10/08/2023	Generation of Computers		
			11/08/2023	Classification of Computers		
			16/08/2023	Basic Organization of Computer (Functional Block diagram) Input Devices,		
			17/08/2023	CPU & Output Devices.		
			18/08/2023	Computer Memory and Classification of Memory cont..		
			19/08/2023	Classification of Memory		
			21/08/2023	COMPUTER SOFTWARE- Software concept, System software, Application software		
		23/08/2023	Overview of Operating System Objectives, Functions of OS			
		24/08/2023	Types of Operating System Batch Processing, Multiprogramming, Time Sharing OS			
		25/08/2023	Features of DOS, Windows and UNIX			
		26/08/2023	Programming Languages Compiler, Interpreter			
		28/08/2023	Computer Virus Different Types of			

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02	SEPT/18		31/08/2023	computer virus Detection and prevention of Virus Application of computers in different Domain		
			01/09/2023	REVISION		
			02/09/2023	REVISION		
		CHAPTER-3	07/09/2023	COMPUTER NETWORK AND INTERNET Networking concept, Protocol	08	12
			08/09/2023	Connecting Media,		
			09/09/2023	Date Transmission mode		
			11/09/2023	Network Topologies		
			13/09/2023	Types of Network Networking Devices like Hub, Repeater,		
			14/09/2023	Switch, Bridge, Router, Gateway & NIC		
			15/09/2023	Internet Services like E-Mail, WWW, FTP		
			16/09/2023	Internet Services like E-Mail, WWW, FTP, Chatting, Internet Conferencing		
			21/09/2023	Electronic, Newspaper & Online Shopping		
			22/09/2023	Different types of Internet connectivity and ISP		
			23/09/2023	Different types of Internet connectivity and ISP		
		25/09/2023	REVISION			
		CHAPTER-4	27/09/2023	FILE MANAGEMENT AND DATA PROCESSING-	05	05
			28/09/2023	Concept of File and Folder, File Access and Storage methods.		
29/09/2023	Sequential, Direct, ISAM					

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			30/09/2023	Data Capture, Data storage Data Processing and Retrieval				
			04/10/2023	REVISION				
03	OCT/10	CHAPTER-5	05/10/2023	PROBLEM SOLVING METHODOLOGY Algorithm, Pseudo code	05	03		
			06/10/2023	Flowchart Generation of Programming Languages				
			07/10/2023	Structured Programming Language Examples of Problem solving through Flowchart				
		CHAPTER-6	09/10/2023	OVERVIEW OF C PROGRAMMING LANGUAGE Constants, Variables and Data types in C			15	11
			10/10/2023	Managing Input and Output operations.				
	11/10/2023	Operators, Expressions Type conversion & Typecasting						
	12/10/2023	Decision Control -If, If-else, If-else-if						
	13/10/2023	Switch, Break, Continue &Goto						
	30/10/2023	While, Do-while, For						
	01/11/2023	Do-while, For						
02/11/2023	Programming Assignments using the above features							
03/11/2023	Programming Assignments using the above features							
04/11/2023	REVISION							
04	NOV/18		06/11/2023	REVISION				
			08/11/2023	ADVANCED FEATURES OF C Functions and Passing Parameters to the Function (Call by Value and Call by	15			

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				Reference)		
		CHAPTER-7	09/11/2023	Recursion Function and Types of Recursion		
			10/11/2023	Scope of Variables and Storage Classes		
			11/11/2023	One Dimensional Array ,Multidimensional Array		
			15/11/2023	String Operations, Pointers		
			16/11/2023	. String Operations, Pointers		
			17/11/2023	Pointers Cont..		
			18/11/2023	Pointers Cmplt		
			20/11/2023	Pointer Arithmetic		
			23/11/2023	Programming Assignments using the above features.		
			24/11/2023	Programming Assignments using the above features.		
			25/11/2023	Structure and Union		
			29/11/2023	REVISION		

Sno	Month	Units/Chapter To be Covered	Percentage of Coverage
1	AUG	Chapter- 1,2	25%
2	SEPT	Chapter- 3,4	35%
3	OCT	Chapter- 5,6 Continue	15%
4	NOV	Chapter- 6,7	25%

P. V. Rini
Signature of the Faculty

Date 29/10/23

[Signature]
Signature of the Principal
Date