

GANDHI ACADEMY OF TECHNOLOGY AND ENGINEERING				
DEPARTMENT OF BASIC SC. & HUMANITIES				
LESSON PLAN				
DISCIPLINE:-Mechanical				
SEMESTER:-2ND	FROM DATE:-09.01.2024		TO DATE:-07.05.2024	
Name of Teaching Faculty: Subhashree Sahu				
SUBJECT:-Computer Application				
NO. OF PERIOD/PER WEEK CLASS ALLOTTED:-4				
TOTAL NO. OF CLASS AVAILABLE IN SEM:-60				
SL NO.	WEEK	CLASS DATE	NO. OF CLASS/DAY	TOPICS
1	Week-01	09.01.2024	1	Introduction to Computer, Evolution
		10.01.2024	1	Generation of Computers, Classification, Computer Organization
2	Week-02	12.01.2024	1	Input Devices, CPU & Output Devices ,Memory and Classification of Memory
		16.01.2024	1	Software concept, System software, Application software, Objectives and Functions of O.S
		18.01.2024	1	Types of Operating System Batch Processing
		29.01.2024	1	Multiprogramming, Time Sharing OS
3	Week-03	30.01.2024	1	Features of DOS, Windows and UNIX
		31.01.2024	1	Programming Languages, Compiler, Interpreter, Computer Virus and its types
		01.02.2024	1	Detection and prevention of Virus, Application of computers in different Domain
4	Week-04	02.02.2024	1	Networking concept, Protocol, Connecting Media
		05.02.2024	1	Data Transmission mode, Network Topologies, Types of Network
		08.02.2024	1	Networking Devices like Hub, Repeater, Switch, Bridge, Router, Gateway & NIC
5	Week-05	09.02.2024	1	Internet Services like E-Mail, WWW ,FTP
		11.02.2024	1	Chatting, Internet Conferencing

		12.02.2024	1	Internet Services like Electronic like Newspaper and online shopping
		19.02.2024	1	Different types of Internet connectivity and ISP
		20.02.2024	1	Concept of file and folder
		21.02.2024	1	File Access and Storage methods.
7	Week-07	22.02.2024	1	DataCapture
		23.02.2024	1	Sequential ,Direct, ISAM
		25.02.2024	1	Datastorage,Data ProcessingandRetrieval
		26.02.2024	1	Algorithm,Pseudocode,Flowchart
8	Week-08	27.02.2024	1	Algorithm,Pseudocode,Flowchart
		28.02.2024	1	Algorithm,Pseudocode,Flowchart
		29.02.2024	1	Generation of ProgrammingLanguages
		01.03.2024	1	Structured Programming Language
9	Week-09	02.03.2024	1	Structured Programming Language
		04.03.2024	1	Example of Problem solving through Flowchart,ConstantandVariables
		05.03.2024	1	Data types in C Managing Input and Output operations
		07.03.2024	1	Types of data types
10	Week-10	11.03.2024	1	Statements ,Expressions
		13.03.2024	1	Discussion class
		14.03.2024	1	Input and Output operations
		26.03.2024	1	Operators, TYPESOF OPERATOR
12	Week-12	08.04.2024	1	Operators ,Expressions
		15.04.2024	1	Type conversion ,Type casting Decision Control

13	Week-13	16.04.2024	1	Looping Statements(If ,If-else ,If-else-if ,Switch ,while)
		18.04.2024	1	Typecasting Decision Control ,Looping Statements(If ,If-else, If-else-if ,Switch , while)
		19.04.2024	1	Typecasting Decision Control ,Looping Statements(If, If-else ,If-else-if, Switch ,while)
		22.04.2024	1	Typecasting Decision Control, Looping Statements(If, If-else ,If-else-if ,Switch , while)
		24.04.2024	1	Looping statement(do-while, for, break ,continue and go to)
		26.04.2024	1	Looping statement(do-while ,for ,break ,continue and go to)
14	Week-14	29.04.2024	1	Programming Assignments using the above features.
		30.04.2024	1	Programming Assignments using the above features.
		01.05.2024	1	Functions and Passing Parameters to the Function (Call by Value),(Call by Reference)
		02.05.2024	1	Programs using function
15	Week-15	03.05.2024	1	Functions and Passing Parameters to the Function (Call by Value),(Call by Reference)
		04.05.2024	1	Scope of Variables and storage Classes
		05.05.2024	1	Recursion Function and Types of Recursion
		06.05.2024	1	One Dimensional Array and Multi dimensional Array
16	Week-16	07.05.2024	1	String Operations and Pointers, structure, union