



Aggarwal College Ballabgarh

LESSON PLAN
18 WEEKS (JULY-NOV)-2024

NAME OF ASSISTANT/ASSOCIATE PROFESSOR: Ms. Rakhi
DEPT. – COMPUTER SCIENCE

CLASS: BSc.CS

SEMESTER: I

SECTION:A

SUBJECT: Computing Fundamentals and C Programming(24CSCM401DS01)

WEEK	DATE	TOPIC TO BE COVERED
1	1-08-2024	
	2-08-2024	
	3-08-2024	
	4-08-2024	S. U. N. D. A. Y.
	5-08-2024	Overview of computing fundamentals principles and history, Generations of Computers,
	6-08-2024	Major components of Computer, Classification of computers, Applications of computers in various fields.
	7-08-2024	H.O.L.I. D. A. Y.
2	8-08-2024	
	9-08-2024	
	10-08-2024	
	11-08-2024	S. U. N. D. A. Y.
	12-08-2024	Input/ Output Devices, Memory: Concept of primary Memory
	13-08-2024	Secondary memory, Cache Memory, Secondary , storage devices, Introduction to computer networking,
	14-08-2024	
3	15-08-2024	H.O.L.I. D. A. Y.
	16-08-2024	
	17-08-2024	

	18-08-2024	S. U. N. D. A. Y.
	19-08-2024	H.O.L.I. D. A. Y.
	20-08-2024	Types of Network, Network Topologies, Internet and its applications;
	21-08-2024	
4	22-08-2024	
	23-08-2024	
	24-08-2024	
	25-08-2024	S. U. N. D. A. Y.
	26-08-2024	HOLIDAY
	27-08-2024	Operating system and its functions., Assignment
	28-08-2024	
5	29-08-2024	
	30-08-2024	
	31-08-2024	
	1-09-2024	S. U. N. D. A. Y.
	2-09-2024	Test Unit 1
	3-09-2024	Basics of algorithmic thinking and problem-solving strategies. Planning the Computer Program: Problem definition,
	4-09-2024	
6	5-09-2024	
	6-09-2024	
	7-09-2024	
	8-09-2024	S. U. N. D. A. Y.
	9-09-2024	Program design, Debugging, Types of errors in programming, Techniques of Problem Solving-Flowcharting, Algorithms

	10-09-2024	History of C, Importance of C, Elements of C: C character set, identifiers and keywords
	11-09-2024	
7	12-09-2024	
	13-09-2024	
	14-09-2024	
	15-09-2024	S. U. N. D. A. Y.
	16-09-2024	Data types, Constants and Variables, Assignment statement, Symbolic constant, Structure of a C Program,
	17-09-2024	printf(), scanf() functions, Operators & Expression, type casting and conversion, operator hierarchy & associativity, Assignment
	18-09-2024	
8	19-09-2024	
	20-09-2024	
	21-09-2024	
	22-09-2024	S. U. N. D. A. Y.
	23-09-2024	H.O.L.I. D. A. Y.
	24-09-2024	Test of unit 2
	25-09-2024	
9	26-09-2024	
	27-09-2024	
	28-09-2024	
	29-09-2024	S. U. N. D. A. Y.
	30-09-2024	Decision making with IF statement, IF-ELSE statement, Nested IF statement, ELSE-IF ladder,
	1-10-2024	switch statement, go to statement, While loop, do-while loop, for loop, jumps in loops,
	2-10-2024	HOLIDAY

10	3-10-2024	
	4-10-2024	HOLIDAY
	5-10-2024	
	6-10-2024	S. U. N. D. A. Y.
	7-10-2024	Break statement, continue statement, nested loops, Standard mathematical functions
	8-10-2024	Input/output: unformatted and formatted I/O functions in C
	9-10-2024	
11	10-10-2024	
	11-10-2024	
	12-10-2024	HOLIDAY
	13-10-2024	S. U. N. D. A. Y.
	14-10-2024	Input functions, output functions, string manipulation functions. User-defined functions
	15-10-2024	Function prototype, local and global variables, passing parameters, recursion, Assignment
	16-10-2024	
12	17-10-2024	HOLIDAY
	18-10-2024	
	19-10-2024	
	20-10-2024	S. U. N. D. A. Y.
	21-10-2024	Test of unit 3
	22-10-2024	Definition, types, initialization, processing an array, passing arrays to functions
	23-10-2024	
13	24-10-2024	
	25-10-2024	
	26-10-2024	

	27-10-2024	S. U. N. D. A. Y.
	28-10-2024	DIWALI BREAK
	29-10-2024	DIWALI BREAK
	30-10-2024	DIWALI BREAK
14	31-10-2024	DIWALI BREAK
	1-11-2024	DIWALI BREAK
	2-11-2024	DIWALI BREAK
	3-11-2024	S. U. N. D. A. Y.
	4-11-2024	Declaration and initialization of string, Input/output of string data,
	5-11-2024	Introduction to pointers. Pointers and memory management in C;
	6-11-2024	
15	7-11-2024	
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	11-11-2024	ZONAL YOUTH FESTIVAL
	12-11-2024	ZONAL YOUTH FESTIVAL
	13-11-2024	
16	14-11-2024	
	15-11-2024	H.O.L.I.D.A.Y.
	16-11-2024	
	17-11-2024	S. U. N. D. A. Y.
	18-11-2024	File input/output operations in C; Dynamic memory allocation and deallocation;
	19-11-2024	Advanced control structures: switch, break, and continue statements.

	20-11-2024	
17	21-11-2024	
	22-11-2024	
	23-11-2024	
	24-11-2024	S. U. N. D. A. Y.
	25-11-2024	Algorithmic problem-solving using C programming constructs; Design and implementation of C programs;
	26-11-2024	Debugging and testing techniques for C programs; Best practices and coding standards in C programming.
	27-11-2024	
18	28-11-2024	
	29-11-2024	
	30-11-2024	
	1-12-2024	S. U. N. D. A. Y.
	2-12-2024	Test of unit 4
	3-12-2024	Revision
	4-12-2024	
	5-12-2024	

Signature