

LESSON PLAN

Contact Hour (Cumulative)	Unit No.	Topic	Teaching(*) Methodology	Re
1	1	Course objectives & course outcomes	chalk stick	
2		Components of Computer	chalk stick	
3		System, memory unit	CT	
4		Algorithm, flowchart	CT	
5		Examples	CT	
6		Program Development Steps	CT	
7		'C' Tokens	CT	
8		operator precedence & Associativity	CT	
9		Structure of 'C' program	CT	
10		Sample of 'C' program	CT	
4		Operators - Examples	CT	
12		Basic I/O statements	CT	
13	11	Introduction to Control Structure if-statement - Example	CT	
14		if-else statement Syntax - Examples	PPT	
15		nested-if - Syntax Examples	PPT	
16		Switch statement - Syntax Examples	PPT	
17		for statement - Syntax Examples	CT	
18		while statement - Syntax Examples	CT	
19		do-while statement - Examples	CT	

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20		Break statement, Continue statement - Examples	CT	
21		goto statement - Example	CT	
22	III	Array Definition - Types of arrays, Declaration	CT	
23		Multidimensional Array Declaration, accessing Example	CT	
24		Matrix addition, Matrix multiplication, Linear Search	PPT	
25		String Handling Functions	PPT	
26		Examples of String Handling Functions	PPT	
27		Pointer Definition, Declaring and Initialization of pointer	CT	
28		Pointer Arithmetic, Pointer to Pointer	CT	
29		Arrays and pointers Examples	CT	
30		Dynamic Memory Allocation - Examples	PPT	
31		Examples	CT	
32	IV	Function Definition - Declaration and Types	CT	
33		Parameter passing (Types)	CT	
34		Examples of Parameter passing	CT	
35		Passing Arrays to Functions Example, Recursion	CT	
36		Recursion - Example	PPT	
37		Library Functions	PPT	

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Contact Hour (Cumulative)	Unit No.	Topic	Teaching(*) Methodology
36		function and pointers Examples	CT
37		Storage classes	PPT
40		Examples.	PPT
41	<u>V</u>	Structures Definition, Declaration, Accessing	CT
42		Arrays of structure - Examples	CT
43		Arrays with in structure with examples	CT
44		Pointers to structure - Example	CT
45		Passing Structure to function - Example	PPT
46		Nested Structures - Examples	PPT
47		Examples on Structures	PPT
48		Union Declaration	CT
49		Examples on Unions	CT
50	<u>VI</u>	File Definition, Types of files	CT
51		File opening modes	CT
52		Examples of file opening modes	PPT
53		File I/O functions	PPT
54		Examples on file I/O technique	CT
55		Random Access function	CT

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