

## LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
1	15/08/14	Definition of a problem	2	CR		
2	16/08/14	problem solving A framework for		CR		
3	17/08/14	Classification of problems		CR		
4	18/08/14	Algorithm / pseudocode		CR		
		Algorithm properties		CR		
5	22/08/14	Definition of Flowchart		CR		
		Flowchart symbols		CR		
6	23/08/14	Introduction to RAPTOR Tool		CR		
7	24/08/14	Examples :- flowchart problems		CR		
8	26/08/14	Program development steps.		CR		
9	28/08/14	Computer Languages: Machine / symbolic / high level		CR		
10	30/08/14	Creating and Running programs		CR		
11	01/10/14	'C' Fundamentals		CR		
12	03/10/14	Character set 'C' - tokens		CR		
13	06/10/14	Declarations Expressions.		CR		
14	07/10/14	'C' - operators		CR		
15	08/10/14	Bit orientation Boolean logic.		CR		
16	10/10/14	Control structures Introduction	2	CR		
17	13/10/14	If statement syntax, programs		CR		
18	14/10/14	If-else statement syntax, programs		CR		

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19	15/10/14	nested if-else stmt syntax, program		CR		
20	17/10/14	Introduction to iterative loops		CR		
21	20/10/14	while loop syntax, program		CR		
22	21/10/14	for loop syntax, program		CR		
23	22/10/14	do-while loop syntax, programs		CR		
24	24/10/14	looping Applications		CR		
25	27/10/14	break & Continue statements, programs		CR		
26	28/10/14	goto statement example program		CR		
27	29/10/14	switch stmt. syntax, program		CR		
28	31/10/14	nested switch stmt syntax, program		CR		
29	03/11/14	Introduction to functions	29	CR		
-	-	function syntax, parameters		CR		
30	04/11/14	storage classes auto, static		CR		
31	05/11/14	extern, register		CR		
32	07/11/14	memory, default value scope, lifetime		CR		
33	10/11/14	user defined function		CR		
-	-	standard library functions		CR		
34	11/11/14	Recursive functions		CR		
-	-	Header files		CR		
35	12/11/14	Example programs on functions		CR		

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36	14/11/14	Introduction to arrays	.	CR		
-		declaration, defining Accessing elements		CR		
37	17/11/14	Program on array Concept		CR		
-		String - Concept		CR		
38	18/11/14	String handling functions		CR		
-		String manipulation		CR		
39	19/11/14	One - Dimensional array		CR		
40	21/11/14	Two - Dimensional array		CR		
-		Character array		CR		
41	24/11/14	Multi-dimensional arrays		CR		
-		Array applications		CR		
42	25/11/14	Matrix operation		CR		
43	26/11/14	Passing 1-D, 2-D array to functions		CR		
44	28/11/14	Parameter passing mechanisms		CR		
-		Call-by-value Call-by-reference		CR		
45	01/12/14	Pointer Concepts	<u>IV</u>	CR		
46	02/12/14	Pointer & function argument		CR		
47	03/12/14	Call-by-reference		CR		
-		address - arithmetic		CR		
48	05/12/14	Character pointer and function		CR		



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Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
49	08/12/14	pointers to pointers		CR		
50	09/12/14	pointers and multi dimensional arrays		CR		
51	10/12/14	Dynamic memory management		CR		
52	12/12/14	Command line arguments		CR		
53	15/12/14	Introduction to structures, syntax		CR		
54	16/12/14	declaration, definition initialization		CR		
55	17/12/14	structures and functions		CR		
56	19/12/14	pointers to structures		CR		
57	22/12/14	Self referential structures		CR		
58	23/12/14	introduction to unions		CR		
59	24/12/14	type def bitfields		CR		
		program application		CR		
60	26/12/14	Introduction to files	V	CR		
		Concept of files		CR		
61	29/12/14	input & output		CR		
62	30/12/14	opening and closing a file		CR		
		processing file data		CR		
63	31/12/14	text file, and binary files		CR		
64	02/01/15	formatted I/O		CR		
65	05/01/15	file I/O operations		CR		

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