Lesson Plan

Name of Faculty: Expert

Discipline : Electronics & Comm. Engg.
Semester : 3rd

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Subject : CPC
Lesson Plan Duration : 16 weeks
Work load (Lecture / Practical) per we

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Work load (Lecture /Practical) per week (in hours): Lectures—03, Practical—03

V	Vork load	d (Lecture /Practical) per week (in h	ours): Lectures-	<u> </u>	
Week	Lecture Day		Practical Day	Practical Topic	
1 st	1	Steps in development of a program		Programming exercises on executing and editing a C program	
	2	Algorithm development	1 st		
	3	Flow charts			
2 nd	4	Programme Debugging	2nd	Programming exercise on defining variables and assigning values to variables.	
	5	Assignment			
	6	I/O statements			
	7	assign statements		Programming exercise	
o rd	8	Constants, variables	$3^{ m rd}$	on arithmetic and relational operators	
$3^{ m rd}$	9	Data types	3,4		
	10	Operators and Expressions		Programming exercises on arithmetic expressions and	
4 th	11	Standards and Formatted IOS	4 th		
	12	Data Type Casting		their evaluation.	
	13	Assignment			
	14	Test	.,	Programming	
5 th	15	Control Structures introduction	5 th	exercises on formatting input/output using printf and scanf and their return type values	
6 th	16	Decision making with IF – statement	6 th	Programming overeigns using if	
	17	IF – Else			
	18	Nested IF			
7 th	19	for loop	7 th	Programming exercises using if – Else.	
	20	While and do-while	,		

	21	switch statements			
8 th	22	Break. Continue	8 th	Programming exercises on switch statement	
	23	Assignment		statement	
	24	Introduction to Pointers			
	25	Address operator		Programming	
9 th	26	Address operator and pointers	9th Programming exercises on do while, statement 10th Programs on or dimensional arr 11th Programs on two dimensional arr 12th (i) Programs for p		
	27	Declaring of pointers			
10 th	28	Initializing of pointers	10 th	Programming exercises on for – statement.	
	29	Single pointer,			
	30	Revision of Pointer			
	31	Assignment		Programs on one-	
a a th	32	Introduction to functions	9th Programming exercises of while, states 10th Programs of dimensions 11th Programs of dimensions 12th (i) Programs two strings to (ii) Program comparing strings. Simple programs two strings to (ii) Program comparing strings. Simple programs two strings to (iii) Program comparing strings. Simple programs two strings to (iiii) Program comparing strings. Simple programs two strings to (iiii) Program comparing strings. Simple programs two strings to (iiii) Program comparing strings. Simple programs two strings to (iiii) Program comparing strings.	dimensional array.	
11 th	33	Global and Local Variables	11111		
	34	Function Declaration		Programs on two-	
4 Oth	35	Standard functions	Programs on two-dimensional array	dimensional array	
12 th	36	Parameters			
	37	Parameter Passing	Programs on on dimensional arr 11th Programs on two dimensional arr (i) Programs for post two strings togeth (ii) Programs for comparing two strings. Simple programs	(i) Programs for putting	
4 oth	38	Call - by value	, oth	1 1 2	
13 th	39	Call - by reference	exercises on dwhile, statemed while, statemed on for – statemed on	(ii) Programs for comparing two	
	40	Assignment			
14 th	41	Introduction to Arrays	14 th	using structures	
	42	Array Declaration, Length of array	9th Programming exercises on while, statement 10th Programming on for – state 11th Programs on dimensional 12th (i) Programs for two strings tog (ii) Program comparing to strings. Simple progrusing structure 15th Simple progrusing pointer Simple progrusing pointer Simple progrusing pointer		
	43	Single and Multidimensional Array		Simple programs using pointers.	
15 th	44	Arrays of characters	15 th		
	45	Passing an array to function			
. (4)	46	Pointers to an array		Simple programs using union.	
16 th	47	Test	9th Programming exercises on do – while, statement. 10th Programs on one-dimensional array. Programs on two-dimensional array (i) Programs for putting two strings together. (ii) Programs for comparing two strings. Simple programs using structures 15th Simple programs using pointers. Simple programs using pointers.		
	48	Revision			