

Name of the Faculty: Amit Kumar
Discipline Computer Engg.
Semester: 3rd sem.
Subject : Pr. In C
Lesson Plan Duration: (From July, 2018 to Dec , 2018)
Work Load (Lecture/Practical) per week (In hour): Practical-03(Theory-04 Practical)

Day	Topic	Remarks
1	Algorithm and Programming Development	
2	Steps in development of a program	
3	Flow charts, Algorithm development	
4	Programme Debugging	
5	Program Structure	
6	I/O statements, assign statements, Constants, variables , data types	
7	Practical exercise of basic program structure	
8	Operators and Expressions	
9	Unformatted and Formatted IOS, Data Type Casting	
10	Revision of Unit I and Unit 2	
11	Copy and assignment of Unit 1 and Unit 2	
12	Collection of assignment unit 1 and unit 2	
13		
14	Control Structures: Decision making with IF – statement	
15	IF – Else and Nested IF	
16	While and do-while, for loop	
17	Break. Continue, go to and switch statements	
18	Practical Exercise if statement, Practical Exercise IF –ELSE statement	
19	Practical Exercise While statement & do-while statement	
20	Practical Exercise for loop	
21	Assignment for Unit 3	
22	Introduction to pointers	
23	Address operator and pointers	

24	Declaring and initializing pointers,	
25	Single pointer,	
26	Practical Exercise on Pointer	
27	Practical exercise on declaring and initializing pointers	
28	Practical Exercise on Single pointer,	
29	Assignment of Unit 4	
30	Introduction to functions, Global and Local Variables Function Declaration	
31	Standard functions	
32	Parameters and Parameter Passing	
33	Call - by value/reference	
34	Assignment of Unit 5, Practical Exercise of Functions using Actual parameters and Formal parameters	
35	Introduction to Arrays, Array Declaration, Length of array	
36	Single and Multidimensional Array.	
37	Arrays of characters , Introduction of Strings String declaration and definition	
38	String Related function i.e. strlen, strcpy, strcmp	
39	Passing an array to function	
40	Pointers to an array and strings.	
41	Practical exercise of one dimensional array, two dimensional array and multi dimensional array and strings	
42	Assignments for array and strings	
43	Declaration of structures, Accessing structure members , Structure Initialization	
44	Pointer to a structures, Unions	
45	Practical exercise of structures and union, assignment of structure and union	