

**COURSE PLAN**

<b>Session No</b>	<b>Topics to be covered</b>	<b>Teaching Methodology</b>
<b>UNIT - I</b>		
1	Subject Introduction and Syllabus Discussion	BB
2	Introduction to C, Fundamentals of C	BB
3	Character Set, Identifier and Keywords	BB
4	Data Types, Constants	BB
5	Variables, Declarations	PPT
6	Expressions and statements	Lecture
7	Operators: Arithmetic, Logicals, Relational	Lecture
8	Unary, Assignment and conditional operators	PPT
9	Library function, Data Input & Output function	PPT
10	Simple C programs	PPT
11	Revision of UNIT I	GD
<b>Unit Test - I</b>		
<b>UNIT - II</b>		
12	Flow of control-if, if-else, else if ladder	PPT
13	Nested if, While and Do-while	PPT
14	For loop, Nested control structures	PPT
15	Switch statement with example	PPT
16	Go to statement	PPT
17	Break Statement, Continue with example	PPT
18	Comma operator with example	BB
19	Example programs	BB

20	Revision of UNIT II	GD
<b>CIA TEST - I</b>		
<b>UNIT - III</b>		
21	Introduction to Functions	Lecture
22	Functions: Definition, Function Prototypes	PPT
23	Passing argument to function	PPT
24	Recursion with example	BB
25	Storage Classes: Auto, External	BB
26	Storage classes: static and Register Variables	BB
27	Multi file programs	BB
28	Revision of UNIT III	GD
<b>Unit Test - III</b>		
<b>UNIT - IV</b>		
29	Introduction to arrays	BB
30	Arrays Definition and processing	BB
31	Passing arrays to functions	BB
32	Multi dimensional arrays, arrays and strings	BB
33	Revision of Arrays	GD
34	Structures	PPT
35	User defined Data types	PPT
36	Passing structures to functions	PPT
37	Self referential structures	GD
38	Unions and bitwise operators	GD
39	Revision of UNIT IV	GD
<b>CIA TEST - II</b>		

<b>UNIT - V</b>		
40	Introduction to pointers	PPT
41	Pointer declaration	BB
42	Passing pointer to function	BB
43	Operators in pointers	BB
44	Pointers and arrays	BB
45	Arrays of pointers	Seminar
46	Structures and pointers	Seminar
47	Files: Creation	Seminar
48	Processing, Opening and closing a file	GD
49	Revision of UNIT V	BB
<b>REVISION</b>		
50	Revision of UNIT I	BB
51	Revision of UNIT II	BB
52	Revision of UNIT III	BB
53	Revision of UNIT IV	BB
54	Revision of UNIT V	BB
<b>CIA TEST - III</b>		

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