

## LESSON PLAN (SESSION 2024-25)

**CLASS:- BA      SEM:- 2      FACULTY NAME :- Arpita Singh**

**SUBJECT :- Problem Solving using Computer & Course Code: COA102F**

S.N o.	Date.	Day	Paper No.	Unit Name.	Topic.
1	16-Jan-25	Thursday	1	Unit1-Overview of Programming	Introduction to Computer Based problem Solving, requirements of Problem Solving by the
2	17-Jan-25	Friday	1	Unit1-Overview of Programming	Introduction to Computer Based problem Solving, requirements of Problem Solving by the
3	18-Jan-25	Saturday	1	Unit1-Overview of Programming	Introduction to Computer Based problem Solving, requirements of Problem Solving by the
4	20-Jan-25	Monday	1	Unit1-Overview of Programming	Programs & Algorithms & Flow Charts
5	21-Jan-25	Tuesday	1	Unit1-Overview of Programming	Programs & Algorithms & Flow Charts
6	22-Jan-25	Wednesday	<b>CLASS TEACHING</b>		
7	23-Jan-25	Thursday	1	Unit1-Overview of Programming	An Overview of C, Structure of C Program, Storage class specifier & data types,
8	24-Jan-25	Friday	1	Unit1-Overview of Programming	An Overview of C, Structure of C Program, Storage class specifier & data types,
9	25-Jan-25	Saturday	1	Unit1-Overview of Programming	An Overview of C, Structure of C Program, Storage class specifier & data types,
10	27-Jan-25	Monday	1	Unit1-Overview of Programming	An Overview of C, Structure of C Program, Storage class specifier & data types,
11	28-Jan-25	Tuesday	1	Unit 2-Program Control Statements	Program Control Statements – True and false in C, C statements, Conditional Statements
12	29-Jan-25	Wednesday	<b>MONTHLY EVALUATION</b>		
13	30-Jan-25	Thursday	1	Unit 2-Program Control Statements	True and false in C, C statements, Conditional Statements
14	31-Jan-25	Friday	1	Unit 2-Program Control Statements	True and false in C, C statements, Conditional Statements
15	1-Feb-25	Saturday	1	Unit 2-Program Control Statements	True and false in C, C statements, Conditional Statements
16	4-Feb-25	Tuesday	1	Unit 2-Program Control Statements	True and false in C, C statements, Conditional Statements
17	5-Feb-25	Wednesday	1	Unit 2-Program Control Statements	True and false in C, C statements, Conditional Statements
18	6-Feb-25	Thursday	<b>CLASS TEACHING</b>		
19	7-Feb-25	Friday	1	Unit 2-Program Control Statements	if, switch, for, while, do/while, break, exit (), continue, goto
20	8-Feb-25	Saturday	1	Unit 2-Program Control Statements	if, switch, for, while, do/while, break, exit (), continue, goto
21	10-Feb-25	Monday	1	Unit 2-Program Control Statements	if, switch, for, while, do/while, break, exit (), continue, goto
22	11-Feb-25	Tuesday	1	Unit 2-Program Control Statements	if, switch, for, while, do/while, break, exit (), continue, goto

23	13-Feb-25	Thursday	1	Unit 2-Program Control Statements	if, switch, for, while, do/while, break, exit (), continue, goto
24	14-Feb-25	Friday	<b>CLASS TEACHING</b>		
25	15-Feb-25	Saturday	1	Unit 2-Program Control Statements	if, switch, for, while, do/while, break, exit (), continue, goto
26	17-Feb-25	Monday	1	Unit 2-Program Control Statements	if, switch, for, while, do/while, break, exit (), continue, goto
27	18-Feb-25	Tuesday	1	Unit 2-Basic I/O	local & global variables, Scope rule of functions, function arguments, parameters
28	19-Feb-25	Wednesday	1	Unit 2-Basic I/O	Basic I/O : Formatted and unformatted input/output, Functions Return statement,
29	20-Feb-25	Thursday	1	Unit 2-Basic I/O	Basic I/O : Formatted and unformatted input/output, Functions Return statement,
30	21-Feb-25	Friday	<b>MONTHLY EVALUATION</b>		
31	22-Feb-25	Saturday	1	Unit 2-Basic I/O	local & global variables, Scope rule of functions, function arguments, parameters
32	24-Feb-25	Monday	1	Unit 2-Basic I/O	, function prototypes, function call with array, recursion, implementation issue.
33	25-Feb-25	Tuesday	1	Unit 2-Basic I/O	, function prototypes, function call with array, recursion, implementation issue.
34	27-Feb-25	Thursday	1	Unit 2-Basic I/O	, function prototypes, function call with array, recursion, implementation issue.
35	28-Feb-25	Friday	1	Unit-3-Arrays	Arrays, declaration, one- & two-dimensional array, multidimensional arrays.
36	1-Mar-25	Saturday	<b>CLASS TEACHING</b>		
37	3-Mar-25	Monday	1	Unit-3-Arrays	Arrays, declaration, one- & two-dimensional array, multidimensional arrays.
38	4-Mar-25	Tuesday	1	Unit-3-Arrays	Arrays, declaration, one- & two-dimensional array, multidimensional arrays.
39	5-Mar-25	Wednesday	1	Unit-3-Arrays	Arrays, declaration, one- & two-dimensional array, multidimensional arrays.
40	6-Mar-25	Thursday	1	Unit-3-Arrays	Arrays, declaration, one- & two-dimensional array, multidimensional arrays.
41	7-Mar-25	Friday	1	Unit-4-Advanced Features in C	Advanced Features in C – Pointers, pointers variables, pointers operators, pointer
42	8-Mar-25	Saturday	<b>CLASS TEACHING</b>		
43	10-Mar-25	Monday	1	Unit-4-Advanced Features in C	Advanced Features in C – Pointers, pointers variables, pointers operators, pointer
44	11-Mar-25	Tuesday	1	Unit-4-Structures, Unions and user defined variables	Structures, Unions and user defined variables - Basics of structure, declaration of structure,
45	17-Mar-25	Monday	1	Unit-4-Structures, Unions and user defined variables	Structures, Unions and user defined variables - Basics of structure, declaration of structure,
46	18-Mar-25	Tuesday	1	Unit-4-Structures, Unions and user defined variables	Structures, Unions and user defined variables - Basics of structure, declaration of structure,
47	19-Mar-25	Wednesday	1	Unit-4-Structures, Unions and user defined variables	Structures, Unions and user defined variables - Basics of structure, declaration of structure,
48	20-Mar-25	Thursday	<b>CLASS TEACHING</b>		

49	21-Mar-25	Friday	1	Unit-4-Structures, Unions and user defined variables	Structures, Unions and user defined variables - Basics of structure, declaration of structure,
50	22-Mar-25	Saturday	1	Unit-4-Structures, Unions and user defined variables	Structures, Unions and user defined variables - Basics of structure, declaration of structure,
	24-Mar-25	Monday	<div style="text-align: center;"> <h1>MID - TERM EXAM SCHEDULE</h1> </div>		
	25-Mar-25	Tuesday			
	26-Mar-25	Wednesday			
	27-Mar-25	Thursday			
	28-Mar-25	Friday			
	29-Mar-25	Saturday			
51	1-Apr-25	Tuesday	1	Unit-4-Structures, Unions and user defined variables	Structures, Unions and user defined variables - Basics of structure, declaration of structure,
52	2-Apr-25	Wednesday	1	Unit-4-Structures, Unions and user defined variables	Structures, Unions and user defined variables - Basics of structure, declaration of structure,
53	3-Apr-25	Thursday	1	Unit-4-Structures, Unions and user defined variables	Structures, Unions and user defined variables - Basics of structure, declaration of structure,
54	4-Apr-25	Friday	1	Unit-4-File Management	File Management – Stream and files, Console I/O, file pointer, file management functions.
55	5-Apr-25	Saturday	1	Unit-4-File Management	File Management – Stream and files, Console I/O, file pointer, file management functions.
56	7-Apr-25	Monday	CLASS TEACHING		
57	8-Apr-25	Tuesday	1	Unit-4-File Management	File Management – Stream and files, Console I/O, file pointer, file management functions.
58	9-Apr-25	Wednesday	1	Unit-4-File Management	File Management – Stream and files, Console I/O, file pointer, file management functions.
59	11-Apr-25	Friday	1	Unit-4-File Management	File Management – Stream and files, Console I/O, file pointer, file management functions.
60	12-Apr-25	Saturday	1	Unit-4-File Management	File Management – Stream and files, Console I/O, file pointer, file management functions.
61	15-Apr-25	Tuesday	1	Unit-4-File Management	File Management – Stream and files, Console I/O, file pointer, file management functions.
62	16-Apr-25	Wednesday	CLASS TEACHING		
63	17-Apr-25	Thursday	1	Unit-4-File Management	File Management – Stream and files, Console I/O, file pointer, file management functions.
64	19-Apr-25	Saturday	1	Unit-4-File Management	File Management – Stream and files, Console I/O, file pointer, file management functions.
65	21-Apr-25	Monday	1	Unit-4-File Management	Data Structures – Basic concept of data representation, algorithm design and data
66	22-Apr-25	Tuesday	1	Unit-5-Data Structures	Data Structures – Basic concept of data representation, algorithm design and data
67	23-Apr-25	Wednesday	1	Unit-5-Data Structures	Data Structures – Basic concept of data representation, algorithm design and data
68	24-Apr-25	Thursday	MONTHLY EVALUATION		

69	25-Apr-25	Friday	1	Unit-5-Data Structures	Data Structures – Basic concept of data representation, algorithm design and data
70	26-Apr-25	Saturday	1	Unit-5-Data Structures	Data Structures – Basic concept of data representation, algorithm design and data
71	28-Apr-25	Monday	1	Unit-5-Data Structures	Data Structures – Basic concept of data representation, algorithm design and data
72	29-Apr-25	Tuesday	1	Unit-5-Data Structures	Data Structures – Basic concept of data representation, algorithm design and data
73	30-Apr-25	Wednesday	1	Revision	Revision