

**महाराणा प्रताप पी.जी. कालेज, जंगल धूसड़, गोरखपुर**

**LESSON PLAN (SESSION 2025-26)**

**CLASS:-B.C.A. SEM:- Ist FACULTY NAME :- PRIYANSHU SRIVASTAVA**

**SUBJECT :- Introduction to Computer Programming in 'C'**

S.No.	Date.	Day	Paper No.	Unit Name.	Topic.
1	16-Jul-25	Wednesday	104N	Introduction to Programming:	The Basic Model of Computation, Algorithms, Flow-charts, Programming Languages, Compilation,
2	17-Jul-25	Thursday	104N	Introduction to Programming:	The Basic Model of Computation, Algorithms, Flow-charts, Programming Languages, Compilation,
3	18-Jul-25	Friday	104N	Introduction to Programming:	The Basic Model of Computation, Algorithms, Flow-charts, Programming Languages, Compilation,
4	19-Jul-25	Saturday	104N	Introduction to Programming:	The Basic Model of Computation, Algorithms, Flow-charts, Programming Languages, Compilation,
5	21-Jul-25	Monday	104N	Introduction to Programming:	The Basic Model of Computation, Algorithms, Flow-charts, Programming Languages, Compilation,
	22-Jul-25	Tuesday	<b>CLASS TEACHING</b>		
6	23-Jul-25	Wednesday	104N	Introduction to Programming:	Linking and Loading, Testing and Debugging, documentation. Character set, Variables, and Identifiers,
7	24-Jul-25	Thursday	104N	Introduction to Programming:	Linking and Loading, Testing and Debugging, documentation. Character set, Variables, and Identifiers,
8	25-Jul-25	Friday	104N	Introduction to Programming:	Linking and Loading, Testing and Debugging, documentation. Character set, Variables, and Identifiers,
9	26-Jul-25	Saturday	104N	Introduction to Programming:	Linking and Loading, Testing and Debugging, documentation. Character set, Variables, and Identifiers,
10	28-Jul-25	Monday	104N	Introduction to Programming:	Linking and Loading, Testing and Debugging, documentation. Character set, Variables, and Identifiers,
	29-Jul-25	Tuesday	<b>MONTHY EVALUATION</b>		
11	30-Jul-25	Wednesday	104N	Introduction to Programming:	Built-in Data Types, Variable Definition. Arithmetic operators and Expressions, Constants and .Literals
12	31-Jul-25	Thursday	104N	Introduction to Programming:	Built-in Data Types, Variable Definition. Arithmetic operators and Expressions, Constants and .Literals
13	1-Aug-25	Friday	104N	Introduction to Programming:	Built-in Data Types, Variable Definition. Arithmetic operators and Expressions, Constants and .Literals
14	2-Aug-25	Saturday	104N	Introduction to Programming:	Built-in Data Types, Variable Definition. Arithmetic operators and Expressions, Constants and .Literals
15	4-Aug-25	Monday	104N	Introduction to Programming:	Built-in Data Types, Variable Definition. Arithmetic operators and Expressions, Constants and .Literals
	5-Aug-25	Tuesday	<b>CLASS TEACHING</b>		

16	6-Aug-25	Wednesday	104N	Introduction to Programming:	Simple Assignment statement Basic input/output statement, Simple 'C' programs
17	7-Aug-25	Thursday	104N	Introduction to Programming:	Simple Assignment statement Basic input/output statement, Simple 'C' programs
18	8-Aug-25	Friday	104N	Introduction to Programming:	Simple Assignment statement Basic input/output statement, Simple 'C' programs
19	11-Aug-25	Monday	104N	Conditional Statements and Loops:	Decision making within a program
20	12-Aug-25	Tuesday	104N	Conditional Statements and Loops:	Decision making within a program
	13-Aug-25	Wednesday	<b>CLASS TEACHING</b>		
21	14-Aug-25	Thursday	104N	Conditional Statements and Loops:	Decision making within a program
22	18-Aug-25	Monday	104N	Conditional Statements and Loops:	Decision making within a program
23	19-Aug-25	Tuesday	104N	Conditional Statements and Loops:	Loops: while loop, do- while, for loop, Nested loops, Infinite loops
24	20-Aug-25	Wednesday	104N	Conditional Statements and Loops:	Loops: while loop, do- while, for loop, Nested loops, Infinite loops
25	21-Aug-25	Thursday	104N	Conditional Statements and Loops:	Loops: while loop, do- while, for loop, Nested loops, Infinite loops
	22-Aug-25	Friday	<b>CLASS TEACHING</b>		
26	23-Aug-25	Saturday	104N	Conditional Statements and Loops:	Loops: while loop, do- while, for loop, Nested loops, Infinite loops
27	25-Aug-25	Monday	104N	Conditional Statements and Loops:	Loops: while loop, do- while, for loop, Nested loops, Infinite loops
28	26-Aug-25	Tuesday	104N	Conditional Statements and Loops:	Loops: while loop, do- while, for loop, Nested loops, Infinite loops
29	27-Aug-25	Wednesday	104N	Conditional Statements and Loops:	unconditional branching with goto statement, Structured Programming.
30	28-Aug-25	Thursday	104N	Conditional Statements and Loops:	unconditional branching with goto statement, Structured Programming.
	29-Aug-25	Friday	<b>MONTHLY EVALUATION</b>		
31	30-Aug-25	Saturday	104N	Conditional Statements and Loops:	unconditional branching with goto statement, Structured Programming.
32	1-Sep-25	Monday	104N	Conditional Statements and Loops:	unconditional branching with goto statement, Structured Programming.
33	2-Sep-25	Tuesday	104N	Conditional Statements and Loops:	unconditional branching with goto statement, Structured Programming.
34	3-Sep-25	Wednesday	104N	Conditional Statements and Loops:	unconditional branching with goto statement, Structured Programming.
35	4-Sep-25	Thursday	104N	Arrays and Functions:	One dimensional arrays: -Array manipulation; Insertion
	6-Sep-25	Saturday	<b>CLASS TEACHING</b>		
36	8-Sep-25	Monday	104N	Arrays and Functions:	One dimensional arrays: -Array manipulation; Insertion
37	9-Sep-25	Tuesday	104N	Arrays and Functions:	One dimensional arrays: -Array manipulation; Insertion
38	10-Sep-25	Wednesday	104N	Arrays and Functions:	One dimensional arrays: -Array manipulation; Insertion

39	11-Sep-25	Thursday	104N	Arrays and Functions:	One dimensional arrays: -Array manipulation; Insertion
40	12-Sep-25	Friday	104N	Arrays and Functions:	One dimensional arrays: -Array manipulation; Insertion
	13-Sep-25	Saturday	<b>CLASS TEACHING</b>		
41	15-Sep-25	Monday	104N	Arrays and Functions:	Deletion of an element from an array; Finding the largest/smallest element in an array
42	16-Sep-25	Tuesday	104N	Arrays and Functions:	Deletion of an element from an array; Finding the largest/smallest element in an array
43	17-Sep-25	Wednesday	104N	Arrays and Functions:	Deletion of an element from an array; Finding the largest/smallest element in an array
44	18-Sep-25	Thursday	104N	Arrays and Functions:	Two dimensional arrays, Addition Multiplication of two matrices.
45	19-Sep-25	Friday	104N	Arrays and Functions:	Two dimensional arrays, Addition Multiplication of two matrices.
	20-Sep-25	Saturday	<b>CLASS TEACHING</b>		
46	22-Sep-25	Monday	104N	Arrays and Functions:	Transpose of a square matrix; Null terminated strings as array of characters. Modular programming and functions
47	23-Sep-25	Tuesday	104N	Arrays and Functions:	Transpose of a square matrix; Null terminated strings as array of characters. Modular programming and functions
48	24-Sep-25	Wednesday	104N	Arrays and Functions:	Transpose of a square matrix; Null terminated strings as array of characters. Modular programming and functions
49	25-Sep-25	Thursday	104N	Arrays and Functions:	Standard Library of C functions, Prototype of a function: formal parameter list; Return Type, Function call, Block Structure
50	26-Sep-25	Friday	104N	Arrays and Functions:	Standard Library of C functions, Prototype of a function: formal parameter list; Return Type, Function call, Block Structure
	27-Sep-25	Saturday	<b>MONTHLY EVALUATION</b>		
51	29-Sep-25	Monday	104N	Arrays and Functions:	Standard Library of C functions, Prototype of a function: formal parameter list; Return Type, Function call, Block Structure
52	30-Sep-25	Tuesday	104N	Arrays and Functions:	Passing arguments to a Function: call by reference. call by value, Recursive Functions, Arrays as function arguments.
53	3-Oct-25	Friday	104N	Arrays and Functions:	Passing arguments to a Function: call by reference. call by value, Recursive Functions, Arrays as function arguments.
54	4-Oct-25	Saturday	104N	Arrays and Functions:	Passing arguments to a Function: call by reference. call by value, Recursive Functions, Arrays as function arguments.
55	6-Oct-25	Monday	104N	Structures, Unions and Pointers:	Structure variables, initialization, structure assignment, nested structure structures and functions
	7-Oct-25	Tuesday	<b>CLASS TEACHING</b>		
56	8-Oct-25	Wednesday	104N	Structures, Unions and Pointers:	structures and arrays: arrays of structures, structures containing arrays. Unions. Address operators, pointer type declaration
57	9-Oct-25	Thursday	104N	Structures, Unions and Pointers:	structures and arrays: arrays of structures, structures containing arrays. Unions. Address operators, pointer type declaration

58	10-Oct-25	Friday	104N	Structures, Unions and Pointers:	structures and arrays: arrays of structures, structures containing arrays. Unions. Address operators, pointer type declaration
59	11-Oct-25	Saturday	104N	Structures, Unions and Pointers:	structures and arrays: arrays of structures, structures containing arrays. Unions. Address operators, pointer type declaration
	13-Oct-25	Monday	<b>MID - TERM EXAM SCHEDULE</b>		
	14-Oct-25	Tuesday			
	15-Oct-25	Wednesday			
	16-Oct-25	Thursday			
	17-Oct-25	Friday			
	18-Oct-25	Saturday			
60	21-Oct-25	Tuesday	104N	Structures, Unions and Pointers:	structures and arrays: arrays of structures, structures containing arrays. Unions. Address operators, pointer type declaration
61	24-Oct-25	Friday	104N	Structures, Unions and Pointers:	structures and arrays: arrays of structures, structures containing arrays. Unions. Address operators, pointer type declaration
62	25-Oct-25	Saturday	104N	File Processing:	Concept of files
63	27-Oct-25	Monday	104N	File Processing:	Concept of files
64	28-Oct-25	Tuesday	104N	File Processing:	Concept of files
	29-Oct-25	Wednesday	<b>CLASS TEACHING</b>		
65	30-Oct-25	Thursday	104N	File Processing:	File opening in various modes
66	31-Oct-25	Friday	104N	File Processing:	File opening in various modes
67	1-Nov-25	Saturday	104N	File Processing:	File opening in various modes
68	3-Nov-25	Monday	104N	File Processing:	closing of a file, Reading from a file
69	4-Nov-25	Tuesday	104N	File Processing:	closing of a file, Reading from a file
	6-Nov-25	Thursday	<b>CLASS TEACHING</b>		
70	7-Nov-25	Friday	104N	REVISION	REVISION
71	8-Nov-25	Saturday	104N	REVISION	REVISION
72	10-Nov-25	Monday	104N	REVISION	REVISION
73	11-Nov-25	Tuesday	104N	REVISION	REVISION
74	12-Nov-25	Wednesday	104N	REVISION	REVISION
	13-Nov-25	Thursday	<b>CLASS TEACHING</b>		
75	14-Nov-25	Friday	104N	REVISION	REVISION
76	15-Nov-25	Saturday	104N	REVISION	REVISION