

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

LESSON PLAN (SESSION 2025-26)

CLASS:- B.Sc SEM:- Vth FACULTY NAME :- AWADESH GUPTA

SUBJECT :- Lab on Algorithm and Data Structures

S.No.	Date.	Day	Paper No.	Unit Name.	Topic.
1	4-Aug-25	Monday	CCS 303F	UNIT 3	To insert and delete a node in a linked list.
2	5-Aug-25	Tuesday	CCS 303F	UNIT 3	To insert and delete a node in a linked list.
5	11-Aug-25	Monday	CCS 303F	UNIT 3	To insert and delete a node in a circular linked list.
6	12-Aug-25	Tuesday	CCS 303F	UNIT 3	To insert and delete a node in a circular linked list.
9	18-Aug-25	Monday	CCS 303F	UNIT 3	To insert and delete a node in a circular linked list.
10	19-Aug-25	Tuesday	CCS 303F	UNIT 4	To implement a stack using arrays and linked list.
13	25-Aug-25	Monday	CCS 303F	UNIT 4	To implement a stack using arrays and linked list.
14	26-Aug-25	Tuesday	CCS 303F	UNIT 4	To implement a stack using arrays and linked list.
17	1-Sep-25	Monday	CCS 303F	UNIT 4	To implement a queue using arrays and linked list.
18	2-Sep-25	Tuesday	CCS 303F	UNIT 4	To implement a queue using arrays and linked list.
21	8-Sep-25	Monday	CCS 303F	UNIT 4	To implement a queue using arrays and linked list.
22	9-Sep-25	Tuesday	CCS 303F	UNIT 5	To insert and delete node in binary search tree.
25	15-Sep-25	Monday	CCS 303F	UNIT 5	To insert and delete node in binary search tree.
26	16-Sep-25	Tuesday	CCS 303F	UNIT 5	To insert and delete node in binary search tree.
29	22-Sep-25	Monday	CCS 303F	UNIT 5	To search an element using binary tree.
30	23-Sep-25	Tuesday	CCS 303F	UNIT 5	To search an element using binary tree.
33	29-Sep-25	Monday	CCS 303F	UNIT 5	To sort a List using Bubble, selection, insertion, merge, quick sort.
34	30-Sep-25	Tuesday	CCS 303F	UNIT 5	To sort a List using Bubble, selection, insertion, merge, quick sort.
35	6-Oct-25	Monday	CCS 303F	UNIT 5	To sort a List using Bubble, selection, insertion, merge, quick sort.
36	7-Oct-25	Tuesday	CCS 303F	UNIT 2	To search element in the list by linear / binary search.
39	21-Oct-25	Tuesday	CCS 303F	UNIT 2	To search element in the list by linear / binary search.
40	27-Oct-25	Monday	CCS 303F	UNIT 2	To search element in the list by linear / binary search.
41	28-Oct-25	Tuesday	CCS 303F	UNIT 2	To search element in the list by linear / binary search.
44	3-Nov-25	Monday	CCS 303F	REVISION	REVISION
45	4-Nov-25	Tuesday	CCS 303F	REVISION	REVISION
47	10-Nov-25	Monday	CCS 303F	REVISION	REVISION
48	11-Nov-25	Tuesday	CCS 303F	REVISION	REVISION