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

LESSON PLAN (SESSION 2025-26)

CLASS:- B.C.A   SEM:- IIIrd   FACULTY NAME :- AWADESH GUPTA

SUBJECT :- DATA STRUCTURE LAB

S.No.	Date.	Day	Paper No.	Unit Name.	Topic.
1	1-Aug-25	Friday	BCA205N	UNIT 3	To insert and delete a node in a linked list.
2	2-Aug-25	Saturday	BCA205N	UNIT 3	To insert and delete a node in a linked list.
3	8-Aug-25	Friday	BCA205N	UNIT 3	To insert and delete a node in a circular linked list.
4	22-Aug-25	Friday	BCA205N	UNIT 3	To insert and delete a node in a circular linked list.
5	23-Aug-25	Saturday	BCA205N	UNIT 3	To insert and delete a node in a circular linked list.
6	29-Aug-25	Friday	BCA205N	UNIT 4	To implement a stack using arrays and linked list.
7	30-Aug-25	Saturday	BCA205N	UNIT 4	To implement a stack using arrays and linked list.
8	6-Sep-25	Saturday	BCA205N	UNIT 4	To implement a stack using arrays and linked list.
9	12-Sep-25	Friday	BCA205N	UNIT 4	To implement a queue using arrays and linked list.
10	13-Sep-25	Saturday	BCA205N	UNIT 4	To implement a queue using arrays and linked list.
11	19-Sep-25	Friday	BCA205N	UNIT 4	To implement a queue using arrays and linked list.
12	20-Sep-25	Saturday	BCA205N	UNIT 5	To insert and delete node in binary search tree.
13	26-Sep-25	Friday	BCA205N	UNIT 5	To insert and delete node in binary search tree.
14	27-Sep-25	Saturday	BCA205N	UNIT 5	To insert and delete node in binary search tree.
15	3-Oct-25	Friday	BCA205N	UNIT 5	To search an element using binary tree.
16	4-Oct-25	Saturday	BCA205N	UNIT 5	To search an element using binary tree.
17	10-Oct-25	Friday	BCA205N	UNIT 5	To sort a List using Bubble, selection, insertion, merge, quick sort.
18	11-Oct-25	Saturday	BCA205N	UNIT 5	To sort a List using Bubble, selection, insertion, merge, quick sort.
19	24-Oct-25	Friday	BCA205N	UNIT 5	To sort a List using Bubble, selection, insertion, merge, quick sort.
20	25-Oct-25	Saturday	BCA205N	UNIT 2	To search element in the list by linear / binary search.
21	31-Oct-25	Friday	BCA205N	UNIT 2	To search element in the list by linear / binary search.
22	1-Nov-25	Saturday	BCA205N	UNIT 2	To search element in the list by linear / binary search.
23	7-Nov-25	Friday	BCA205N	UNIT 2	To search element in the list by linear / binary search.
24	8-Nov-25	Saturday	BCA205N	REVISION	REVISION
25	14-Nov-25	Friday	BCA205N	REVISION	REVISION
26	15-Nov-25	Saturday	BCA205N	REVISION	REVISION