DS –SYCS 2021-25

Year-(22-23)

ESE LAB ASSIGNMENT

Assignment No.	Assignment Name
1	Write a menu-driven program that implements a doubly linked list for the following operations: Create, insert, delete, reverse, and concatenate..
2	Write a menu-driven program that implements a circular linked list for the following operations: Create, insert, delete, reverse, and concatenate.
3	Write a menu-driven program to i. Create a binary search tree ii. Traverse the tree in any one [in-order, pre-order, and post-order] iii. Delete a node in the tree (all 3 cases)
4	Write a program to implement Depth First Search using a linked representation of the graph
5	Write a program to implement Prim's algorithm for a given directed graph
	Write a program to implement the Sequential file