THADOMAL SHAHANI ENGINEERING COLLEGE

FE / SEM-II

SUBJECT : DATA STRUCTURE

LIST OF EXPERIMENT [JAN APRIL2025]

SR NO.	PROBLEM STATEMENT	CO DESCRIPTION
1	Implementation of Insertion and deletion in a specific position in an Array using Function.	LO1
2	Implementation of Stack using an array	LO2
3	Program to Evaluate Postfix Expression using Stack ADT.	LO2
4	Implementation of Linear Queue using an array	LO3
5	Implementation of Circular Queue using an array	LO3
6	Implement Singly Linked List.	LO4
7	Implementation of Double Ended Queue using Linked List.	LO4
8	Implementation of Binary Search Tree and its traversal methods.	LO5
9	Implementation of Reversing a List using Stack.	LO6
10	Convert an Infix expression to Postfix expression using stack ADT.	LO6
11	Written Assignment 1	
12	Written Assignment 2	