

SUBJECT NAME: DATA STRUCTURES LAB

SUBJECT CODE: 23BCA2C04L

List of Experiments

Exp No	Title of the Experiment
1	1. Program to insert an element at a given position in an array 2. Program to delete an element from a given position in an array
2	1. Program to implement Linear search 2. Program to implement Binary search
3	1. Program to perform Bubble sort 2. Program to perform Selection sort
4	1. Program to perform Insertion Sort 2. Program to perform Quick Sort
5	Program to implement Stack operations
6	Program to Convert Infix expression to Prefix expression
7	Program to Convert Infix expression to Postfix expression
8	Program to implement basic Queue operations
9	Program to implement Inserting, deleting and display of elements into a Singly Linked List (SLL)
10	Program to implement Circular Queue using Singly Linked List
11	Program to implement Stack and Queue using SLL.
12	Program to implement BST and perform tree Traversal methods