20HS017 DATA STRUCTURES LAB

Hours Per Week :

L	T	P	C
-	-	4	2

1. Write a Program to implement the Linked List operations

2. Write a Program to implement the Stackoperations using an array.

3. Write Programs to implement theQueue operations using an array.

4. Write Programs to implement the Stackoperations using a singly linked list.

5. Write Programs to implement theQueue operations using a singly linked list.

6. Write a program for arithmetic expression evaluation

7. Write a program to search an item in a given list using Linear Search and Binary Search

8. Write a program for Quick Sort

9. Write a program for Merge Sort

10. Write a program on Binary Search Tree operations(insertion, deletion and traversals)

11. Write a program for Graph traversals