

# **Experiment List**

## **DSA**

1. Implementation of Infix to Postfix expression-Transformation and its evaluation program
2. Write a program that uses functions to perform the following operations on singly linked list i) Creation ii) Insertion iii) Deletion iv) Traversal.
3. Implementation of Stack and queue using doubly linked List
4. Implementation of Polynomial addition using linked list
5. Implementation of circular queue
6. Implementation of Fibonacci search and Binary search
7. Implementation of Insertion and selection sort
8. Implementation of BST (create,insert,aversal)
9. Implementation of BFS and DFS traversal
10. Implementation of hashing functions with Linear probing collision resolution techniques