

**THADOMAL SHAHANI ENGINEERING COLLEGE**  
**List of Experiments**

**Subject: Data Structure Lab**  
**Branch: Computer**

**Subject Code: CSL301**  
**Semester: III**

<b>Sr. No.</b>	<b>Name of Experiments</b>
1.	Implement Stack ADT using array.
2.	Convert an Infix expression to Postfix expression using stack ADT
3.	Evaluate Postfix Expression using Stack ADT
4.	Implement Linear Queue ADT using array.
5.	Implement Circular Queue ADT using array
6.	Implement Singly Linked List ADT.
7.	Implement Circular Linked List ADT.
8.	Implement Stack / Linear Queue ADT using Linked List.
9.	Implement Binary Search Tree ADT using Linked List.
10.	Implement Graph Traversal techniques a. Depth First Search b. Breadth First Search

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