

THADOMAL SHAHANI ENGINEERING COLLEGE

Theory Assignment - 1

**Subject: Data Structure
2021- 2022**

Branch: Computer

Semester: III

1.	Differentiate between linear and non-linear data structure.
2.	Explain ADT of Stack.
3.	WAP to implement priority queue with following operations 1. Insert 2. Delete 3. Search 4. Display
4.	Write a short note on Double Ended Queue. (Types with diagram)
5.	WAP to implement Singly Linked List Application-Polynomial Representation and Addition