CS3301 Data Structures

Unit-1

1. Singly Linked List
2. Doubly Linked List
3. Circularly Linked List
4. Polynomial ADT

Unit-2

1. Applications of Stack
2. Stack ADT
3. Deque www.EnggTree.com
4. Circular Queue

Unit-3

1. Tree Traversal
2. Binary Search Tree
3. Binary Heap
4. AVL Tree

Unit-4

1. B tree/ B+ tree
2. BFS and DFS

3. Dijkstra's / Prim's Algorithm 4. Euler Circuit
Unit -5
1. Binary Search 2. Insertion/Selection/Merge sort 3. Closed hashing (Open Addressing) 4. Extendible Hashing