

CD3291 Data Structures and Algorithms

Unit-1

- 1) Asymptotic notations
- 2) Inheritance
- 3) Shallow & Deep Copy
- 4) Divide & Conquer.

Unit-2

- 1) Queue ADT (Double ended Queue) www.EnggTree.com
- 2) List ADT

Unit-3

- 1) Binary & Linear Search
- 2) Sorting & Searching (problems)

Unit-4

- 1) Tree ADT
- 2) AVL Tree
- 3) Binary Search tree
- 4) Multi way Search-tree

Unit -5

- 1) Graph ADT
- 2) DAG
- 3) Dynamic programming