Data Structure using C

Duration: 48 Hrs.

Course Highlights:

- Overview of 'C' Programming
- Pointer
- Dynamic Memory Allocation
- Data Structures Basics
- ADT Concepts
- Algorithm & Asymptotic Analysis
- Space & Time Complexity
- Stacks
- Polish Notation-Expression Parsing
- Queues
- Linked Lists
- Tree & Binary Tree
- Binary Search Tree
- Tree Traversal
- Reconstruction of Binary Tree
- AVL Tree
- Threaded Binary Tree
- B-Tree
- Graph Implementation
- Depth-First Search (DFS)
- Breadth-First Search (BFS)
- Spanning Tree
- Minimum Spanning Tree
- Shortest Path Algorithm
- Sort and Search Algorithms

Final Project

Above mentioned topics will be covered in detail during training sessions.