



# GENIUS COMPUTER ACADEMY

PLACE WHERE QUALITY MATTERS

## DATA STRUCTURES

### A Course especially for Engineers, BCS, MCA, MCM Students:

This course is best fit for an individual who is aspiring to become a good programmer. Every concept is presented with adequate details. Entire structure concentrates on Data Structures Algorithms, which is essential for every programmer. The syllabus is designed according to the University rules..

### Syllabus:

Revision of Functions, Pointers, Structures

- Algorithms
- What is Data Structures?
- Lists & Array
- Stacks
- Queues
- Tree
- Graphs
- Sorting Methods
- Searching Techniques
- Tables
- Files

**Pre-requisites: Knowledge of any object oriented programming language.**

**Total Duration: (50 Hours)**

Branch 1: 6 & 6A, C Wing, Parmar Plaza, Wanowrie, Fatimanagar,  
Pune- 411040

Branch 2: 1st Floor, Sarvaswi Apartment, Behind Sinhagad College Campus,  
Ambegaon, Pune-411046

