

## Basics: C, C++, and Data Structure - Duration (1 month)

Master C, C++, and Data Structures to Build a Strong Programming Foundation

### WHAT YOU'LL LEARN

- Write efficient and optimized programs using C and C++ for real-world applications.
- Understand the principles of object-oriented programming and advanced C++ concepts.
- Master data structures like arrays, linked lists, stacks, queues, and trees.
- Solve complex problems by implementing algorithms and leveraging data structures effectively.

### REQUIREMENTS

No prior programming experience is required; we start from the basics.

A computer with a text editor or IDE (like Code::Blocks or Visual Studio).

A willingness to practice coding regularly to enhance problem-solving skills.

Basic logical thinking and enthusiasm to learn programming concepts.

### WHO'S THIS COURSE IS FOR

Beginners eager to start their programming journey with C, C++, and DSA.

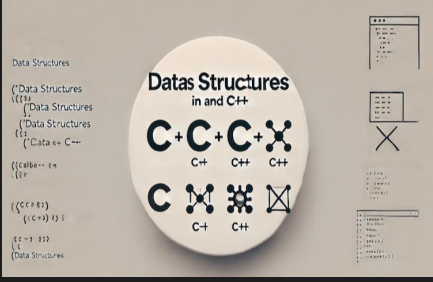
Students preparing for academic coursework or competitive coding.

Professionals aiming to build a strong foundation in programming for career advancement.

### DESCRIPTION

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- **Duration:** 1 Months
- **Start Date:** 24th Feb 2025, Monday . **Note:** Option to start today also, instructor will adjust you to recently started batch. **Enroll now**
- **Days:** Mon-Tue-Wed-Thu-Fri-Sat, 6 days a week and 1 Hours/Session
- **Timings:** 8.00 am to 8.00 pm ( Choose any 1 hours)
- **Mode:** Offline (Near Radhika's Authentic South Indian Food, Gurukul, Ahmedabad, Gujarat 380054)
- **Languages:** English, Hindi & Gujarati
- **Fees:** INR 14000/-



**₹ 14000** ~~₹18000~~ **22.2% off**

★★★★★

Date  
**01 May to 01 Jun 2025**


Time  
**08:00 AM - 08:00 PM**

Total Sessions (Hours)  
**30 (30h 0min)**

Location  
**Gurukul**

Level  
**Beginner**

Language  
**Hindi**

 **Vinod Sonava**  
Instructor

Instructor Rating  
**5**

Students  
**8**

Courses  
**22**

This course provides a strong foundation in programming with **C** and **C++**, as well as an introduction to **Data Structures**. You will start with the fundamentals of **C programming**, learning about variables, control structures, functions, and arrays. Next, you will dive into **C++**, exploring object-oriented programming (OOP) concepts such as classes, inheritance, and polymorphism.

The course also covers essential **Data Structures**, including arrays, linked lists, stacks, queues, trees, and graphs. You'll learn how to efficiently organize and manipulate data to solve complex problems.

With practical examples and hands-on exercises, this course prepares you for advanced topics in programming and lays the groundwork for building efficient and optimized software solutions. Whether you're a beginner or looking to strengthen your skills, this course will help you become proficient in C, C++, and data structure concepts.