



C++ Programming Course

Offered by: **JitCode**

This course is designed for beginners and intermediate learners who want to master C++ from basics to practical implementation, especially useful for **DSA, competitive programming, and core IT roles**.

What You'll Learn

- Introduction to C++ & program structure
- Variables, data types, and operators
- Input and output (cin / cout)
- Conditional statements (if-else, switch)
- Loops (for, while, do-while)
- Functions and recursion
- Arrays and strings
- Pointers and references
- Structures and unions

Object Oriented Programming

- **Classes and objects**
- **Constructors and destructors**
- **Inheritance**
- **Polymorphism**
- **Encapsulation and abstraction**

Standard Template Library

- Vectors, lists, deque
- Stack, queue, priority queue
- Set, multiset, map
- Algorithms and iterators

Projects & Practice

- Logic-building programs
- Mini projects
- Problem-solving exercises
- Foundation for DSA

Course Details

- **Duration:** 2 – 3 Months
- **Mode:** Offline / Online

Who Should Join ?

- School and college students
- Beginners with no programming background
- Students preparing for DSA and placements