

Unlock Your Potential in Technology:

C++

(Beginner)

Course Led By

Kajal Mehta

MCA

20+ Years of Experience

Hello Students and Parents,

Welcome to Kwickprep, your gateway to mastering programming with our Startup India-certified Computer Science education. We're excited to offer beginner-friendly courses in Python, C++, and Java, led by the experienced Kajal Mehta, MCA.

Our flexible schedule fits even the busiest lifestyles, ensuring top-tier coding education is accessible to all. Join us and unlock your potential in the digital world!

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Regards,
Team Kwickprep
www.kwickprep.com

Syllabus of basic of C++ programming language

1. Introduction to C++

History and Features of C++

Understanding Compilers and IDEs

Basic Syntax and Structure of a C++ Program

2. Basics of C++ Programming

Data Types and Variables

Operators

Control Flow (if-else statements, switch-case, loops)

3. Functions

Introduction to Functions

Function Overloading

Default and Inline Functions

4. Object-Oriented Programming (OOP) Concepts

Classes and Objects

Constructors and Destructors

Access Specifiers (public, private, protected)

Inheritance

Polymorphism (overloading and overriding)

Abstraction (abstract classes and interfaces)

Encapsulation

5. Data Structures

Arrays

Strings

6. Pointers and Memory Management

Understanding Pointers

Pointer Arithmetic

Dynamic Memory Allocation (new and delete operators)

7. File Handling

Reading from and Writing to Files

File Stream Classes (ifstream, ofstream, stream)

8. Exception Handling

Try, Catch, and Throw

Standard Exceptions

9. Basic Input/Output

Cin and Cout

Handling Input/Output Streams

Course duration: approx. 20

Voices of Success

Student Love us and Here is what they said:





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