

C++

Course Content

C++ Programming

Quality Learning, Best Career...
Learn from the Leader in
Training & Placements..
Only place in Central India

Object Oriented Programming with "C++"**(Duration: 35 Hrs)**

Entry Profile	Exit Profile
<ul style="list-style-type: none">■ C Programming skills is required.	<ul style="list-style-type: none">■ Will get success in any technical exam of MNC.■ Will be prepared for enterprise level applications such as Java /Visual Studio .NET/PHP.success.

What is C++Programming?

C & C++ are the base programming languages to build strong logics & programming concepts. These languages are the foundation of Software Development field.

Will this course useful for my Career?

Absolutely yes.This course will make you very strong in programming skills and on top of this you can explore many different career options by choosing advanced technologies.

When I can join this course?

- You can start learning C & C++ programming anytime after 10th class.
- When preparing for technical interviews
- Start learning software development.

What options I can choose after this course ?

- Start learning iOS(iPhone) Development.
- Learn Java Technology & Frameworks
- Learn Microsoft.NET
- Learn Android

What content will be covered in this course?**Introduction of C++**

- o Procedural Vs OOP, Concept of Classes and objects, Encapsulation, AbstractionInheritance, Polymorphism, Reference Variables, Default Arguments, Member Functions, Inline Function.
- o Call by Reference ,Call by Value, Call by Address, Structure vs. Class
- o Passing and Returning Objects from Class, Access Specifiers with examples.

Constructor & Destructor

- o Default, Parameterized, Copy, Dynamic Constructor and Destructor, operators-new and delete.
- o Scope Resolution Operator (::), Static Data Members and Member Functions with examples.

Overloading & Type Conversion

- o Function Overloading & Friend Functions, Defining operator overloading, Rules for Overloading
- o Overloading Unary, Binary Operator and Using Friend Function.
- o Manipulating Strings Using Operators.Type Conversion.

Inheritance

- o Defining Base and Derived Classes, Single, Multilevel,Constructors in Inheritance.
- o Multiple, Hierarchical, Hybrid Inheritance, Virtual Base Classes with examples.

Polymorphism

- o Early Vs Late Binding. Pointer to Class, this pointer, Pointer to Base Class.
- o Virtual Function, Pure-Impure Virtual Function and Abstract Classes with examples.

Exception Handling

- o Exception Handling Fundamentals, try, catch, and throw Keywords with Examples.

Templates

- o Templates [Concept & Definition], Implementation of Template Functions, Class Templates and their examples.

I/O Basics, Manipulators and File Handling

- o Standard Streams, formatting output with standard ios functions and Manipulators, Formatted and Informatted I/O Functions.
- o Classes for File Stream Operation.

What you get with this course:

Concept Building in Classroom	<input type="checkbox"/>	Personal Attention	<input type="checkbox"/>
Logic Development	<input type="checkbox"/>	Multiple Tests	<input type="checkbox"/>
Daily Lab Practice with assignments	<input type="checkbox"/>	Doubt Sessions	<input type="checkbox"/>
eNotes	<input type="checkbox"/>	Viva Preparation	<input type="checkbox"/>
		Certificate	<input type="checkbox"/>

Why Online?

- o The No.1 Programming School in Central India
- o Best & Biggest Team of technology trainers
- o Highest number of placements & opportunities
- o Our students always crack many technical interviews
- o Focus on Theory & Practical both
- o Lecture Contents prepared based on Industry Standards
- o Expert Trainers available all the time when you need
- o Highly Skilled Trainer with vast Experience in Development and Training
- o Exposure to latest technologies & real time project requirements.
- o Live Project Exposure

Placement Opportunities
Below IT Companies Hired Resources @ Online/Octopus

	HOTWAX MEDIA		SYNECHRON		INNOEYE		YASH TECHNOLOGIES
	INFOBEANS SYSTEMS		CANOPUS INFOSYSTEMS		WTM SOFTWARE		WORLDPAY
	ZEHNTech		DIASPARK		TECHVALENS		FIRSTLOGIC INFOSYSTEMS

Also, we invited many other IT Companies to conduct their campus recruitment process at our centers. We provided placements to more than 150 students in last 3 years.

Indore

Palasia

Lower Ground Floor, Kanchan Sagar, Near Industry House, A.B.Road, Indore Pin: 452001, Phone: +91 731 3262100, Helpline: +91 9827066222
E-Mail: info@onlinesop.in | Website: www.onlinesop.in | Careers: jobs@onlinesop.in

Rajmohalla

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