C++
PROGRAMMING LANGUAGE

Get the skills to get ahead, stay relevant and earn more

Book your seat now

Google
Reviews 2,500+ • Excellent
★★★★★

13+ YEARS EXPERIENCE

ISO 9001:2015 CERTIFIED COMPANY

12800+ STUDENTS TRUST US

incapp® The CODING Institute

MSME MICRO, SMALL & MEDIUM ENTERPRISES

About INCAPP

INCAPP Coding Institute, established in 2011, was founded with the goal of addressing the global tech skills shortage. Our commitment lies in offering high-quality training programs to students, professionals, and organizations. We strive to empower individuals with coding skills, facilitating personal and professional growth, and assisting organizations in enhancing their workforce's productivity and effectiveness.

Our company boasts a team of seasoned instructors, experts in their fields. We employ the latest teaching methodologies and technologies to provide engaging and interactive training programs.

We foster innovation and empower aspiring coders. As founders, we are excited to welcome you aboard. Whether you're new to coding or already experienced, our hands-on curriculum and expert instructors will guide you. Coding is more than just writing lines; it involves creativity and problem-solving. Embrace challenges and celebrate your successes, knowing that coding is a journey of continuous growth. Let's get started!

RAHUL CHAUHAN
Co-Founder & Instructor

PRAVEEN CHAUHAN
Co-Founder & Instructor

Oracle & Microsoft Certified

How We Help You To Learn

1 **Expert Instructors**

Top-class instructors, experts in their fields, teach through practical training.

2 **Assignments**

Understand all concepts through well-structured assignments.
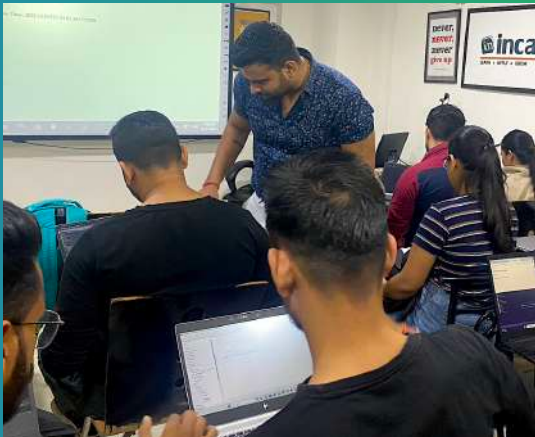
3 **Doubt Resolutions**

Dedicated assistance provided to clarify doubts, featuring two types of instructors: Class Instructor and Lab Instructor.

4 **Projects**

Gain a comprehensive understanding of the technology through project work, guided by your instructor.

Why INCAPP Coding Institute

Outstanding students deserve the finest learning environment. At INCAPP, we guarantee a superior learning experience and personalized support to ensure your success.

Top-Notch Classroom with Expert Instructor

Comprehensive Study Materials

Continuous Feedback and Monitoring

Guaranteed Course Completion

Project-Based Learning

Course Completion Certification

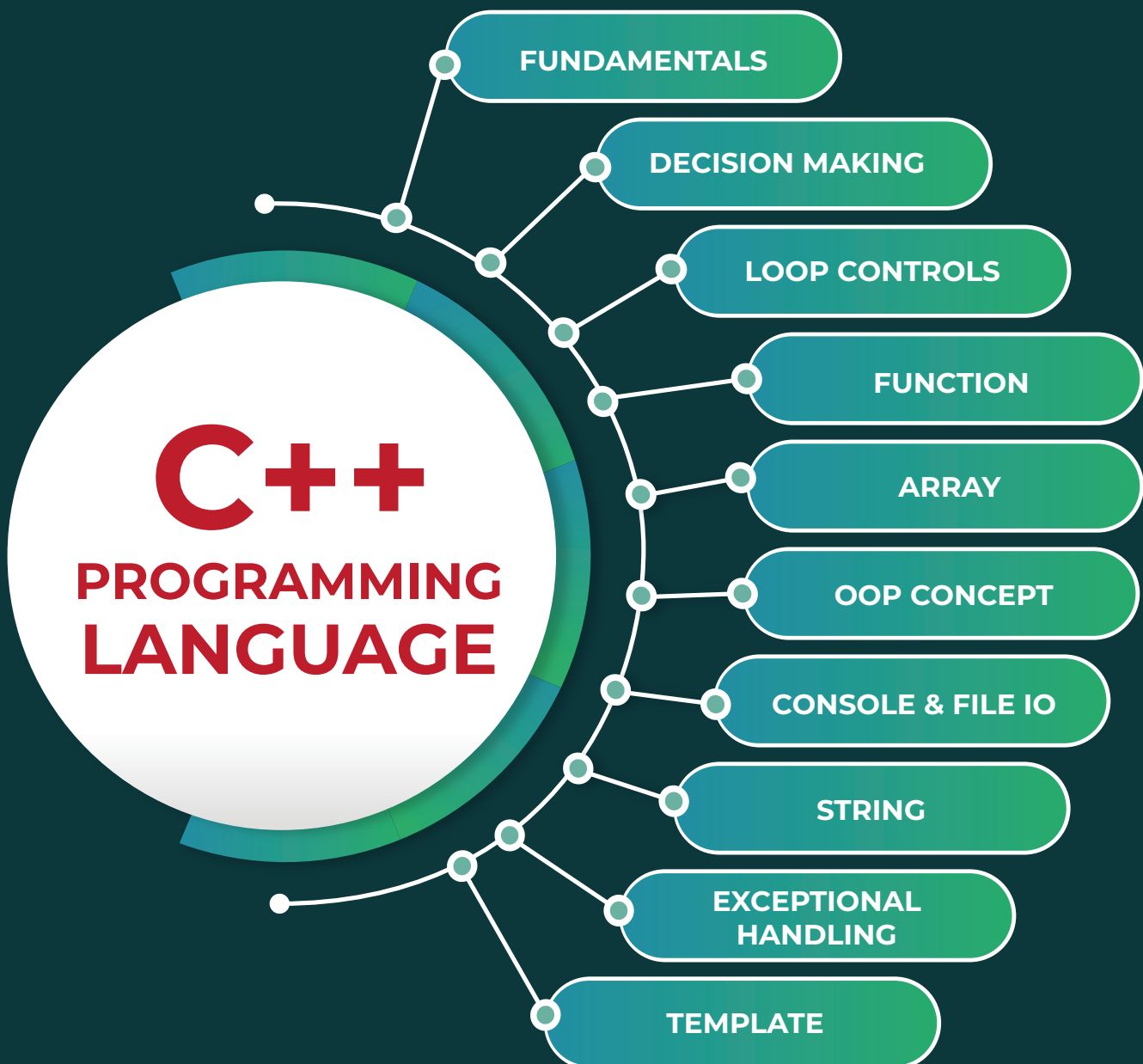Dedicated Support for Doubt Resolution

Placement Assistance

Individual Attention to Each Student

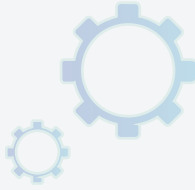In-Class Assignment Sessions

What You Will Learn

C++ PROGRAMMING LANGUAGE

- FUNDAMENTALS
- DECISION MAKING
- LOOP CONTROLS
- FUNCTION
- ARRAY
- OOP CONCEPT
- CONSOLE & FILE IO
- STRING
- EXCEPTIONAL HANDLING
- TEMPLATE

PROJECT WORK

100+ ASSIGNMENTS

5 Reasons To Learn C++

Performance Efficiency: C++ is known for its high performance and speed.

System Level Programming: Ideal for system software and game programming.

Control Over Resources: Offers fine control over system resources and memory management.

Widely Used in Industry: Essential for many tech sectors, including finance and gaming.

Foundation for Understanding Programming: Learning C++ provides a strong base in computer science concepts.

Course Overview:

C++ is a general purpose programming language that is an extension of C language. It shares some of the syntax and structure elements with its predecessor and a couple of its own elements of object oriented programming. It is considered one of the best languages for system softwares and game applications.

C++ Language

Introduction to Programming languages

- Introduction to Programming Language
- Need of Programming Language
- History and Origin of C++
- C Vs C++
- Creating first C++ program
- Compiling and executing first C++ program
  Assignments

An Overview of Programming Basics

- Data Types
- Variable
- Constant
- Keywords
- Identifiers
- Tokens
- Operators
  Assignments

Decision Making Statements

- if statement
- if else statement
- else if statement
- nested if else
- switch statement
  Assignments

Loop Controls

- for loop
- while loop
- do-while loop
- break keyword
- continue keyword
- nested loop
  Assignments

Functions

- Understanding function basics
- Types of functions
- Local and global variables
- Scope Resolution Order
- Function with default argument
- Inline function

CURRICULUM

- Recursion and recursive function
- Creating own header files
  Assignments

Array

- What is Array
- Operations on Array
- Types of Array
- One-Dimensional Array
- Multi-Dimensional Array
- Array with function
  Assignments

OOP Concepts

- Understanding Object Oriented Programming (OOP)
- Who created OOP's Concepts and Why?
- Learn all OOP's Concepts in real world
- Defining your own clas
- Creating object of a class
  Assignments

Encapsulation

- Understanding Encapsulation in Class
- Public and private access specifiers
  Assignments

Static Keyword

- Need of static member
- Static Vs Instance members
  Assignments

Constructor & Destructor

- Syntax of Constructor
- Need of Constructor
- Creating Constructor
- Types of Constructor
- Constructor Overloading
- Constructor Chaining
- This pointer
- Destructor
  Assignments

Inheritance

- Syntax of Inheritance
- Need of Inheritance
- Derived (child) and Base (parent) classes
- Working of constructor in Inheritance
- Constructor Chaining in Inheritance
- Types of Inheritance
  Assignments

Polymorphism

- Understanding Polymorphism

CURRICULUM

- Need of Polymorphism
- Compile-time and Run-time polymorphism
- Function overloading
- Unary operator overloading
- Binary operator overloading
- Virtual functions and Abstract Classes
- Friend function
  Assignments

Console IO

- Console I/O and Understanding Stream Classes
- Single character and Single string I/O
- Command-line arguments

File IO

- File I/O and File streams
- Opening, closing a file and Reading, writing a file
- Error handling during file operations
  Assignments

String Handling

- The string class and its members
- Creating string
- Strings manipulations

- Comparing strings
- Accessing characters in strings
  Assignments

Exceptional Handling

- Exception and Exception handling
- The try-catch block
- Multiple catch statements
- Re-throwing an exception
- Specifying exceptions
  Assignments

Templates

- Understanding templates
- Function templates
- Templates functions overloading
- Class template

Project Work

Our Impact

12800+	**13+**
Students Successfully Trained	Years of Experience
99%	**100%**
Students Recommend Us to Their People	Course Completion Rate
100+	**4.9/5**
Projects Developed	Google Rating

What our students say about us

Isha

" I had learned core java, web developement, advance java from the Rahul sir and i am very grateful to him for giving us the best knowledge. "

Vishal Kumar

" I did web designing course by Incapp and this is the best institute in G.Noida. It has really helped me understand and feel more confident in what I am doing. Thanks Rahul sir. "

Pratyush Mishra

" The class is well maintained and i like what mam teaches us. We have learned programming language. Thankyou INCAPP for best coding experience. "

Khushi Mundra

" The environment of coaching is very good. Notes, PDFs, & books everything is provided. Notes are really very nice. Overall, coaching is very good. "

Anand Kumar

" Incapp is a best institute for coding, here staff is very supportive and our Praveen Chauhan Sir explain every topic very well. "

Kartik Chauhan

" I had a fantastic learning experience at Incapp! The instructors were highly knowledgeable and skilled in their respective fields. I would highly recommend Incapp to others. "

Our Students Are Place In

Pepcoding

FUJITSU

T.EN TECHNIP ENERGIES

VALUE CODERS

unthinkable

Ecom Express

ugam POWERING ANALYTICS INTO ACTION

NTT DATA

SERVOSYS

wipro

tcs

Infosys

Paytm

Capgemini

cognizant

> Everyone should learn how to program a computer, because it teaches you how to think.
>
> — **Steve Jobs**

> All of my friends who have younger siblings who are going to college or high school - my number one piece of advice is: You should learn how to program.
>
> — **Mark Zuckerberg**

FAQ's

What are the criteria for admission?

No criteria, anybody who has an interest in coding can join.

Do you Provide Study material?

Yes, Immerse yourself in a superior learning experience with study materials meticulously crafted by our expert instructors.

Do I need to be good at maths to complete this program?

No, Only your dedication and ambition about learning is needed.

Do I get a certificate after course completion?

Yes. Upon successful completion of the course, you will be awarded a prestigious certificate that validates your achievement.

Is coding difficult?

No, it is not difficult. Coding is fun and challenging as you learn to create apps, games, websites, and lots more out of your creativity.

Are there tests/exams in the program?

Yes, In between the course, your instructor conducts the test to monitor your performance.

Courses we offer

Java Language	
Oracle Certified Foundation Associate	
Data Structure & Algorithms	
Spring Boot Framework	
Website Development	
Python Language	
Data Science	
Django Framework	
C Language	
C++ Language	
CFP — **Coding Foundation Program**	
FSSD — **Full-Stack Software Development**	
React JS	
Node JS	
MERN	
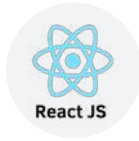
Are you ready to transform your career?

Our course may be demanding, but the incredible transformation
you can experience will make it all worthwhile!

✓ Get In Touch

📞 0120-4108484, 9811272031

✉ info@incapp.in

🌐 www.incapp.in

📍 5th Floor, OM TOWER, Commercial Belt,
Alpha I, Greater Noida, UP

Follow us on: ▶ /incapp   📷 /incapp.in   f /incapp