



PYTHON LANGUAGE

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

Book your seat now

Google Reviews 2,500+ • Excellent















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.





Founders

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!



Oracle & Microsoft Certified

Founders & Instructors



How We Help You To Learn









Expert Instructors

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





Assignments

Understand all concepts through well-structured assignments.





Doubt Resolutions

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



Projects

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





Why INCAPP Coding Institute

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







Top-Notch Comprehensive Classroom with Study Materials Expert Instructor



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





Trainers at INCAPP



Expert in Advanced Technologies

Trianer having in depth knowledge and expertise in advanced technologies.





Excellent explaination

Explains the concepts in easy and fun manner.



Punctual and Disciplined

Values time with punctuality and disciplined scheduling.



Simplifies Complex Concepts

Breaks down complex concepts into easy-to-understand lessons.



Professional & Efficient

Efficient and focused without wasting students' valuable time.



Certified in their fields

Certified in Python, Java, and other essential technologies skills.



Years of Technical Experience

Years of practical experience in technical projects and training.



Committed to student success

Guides students with personalized mentorship ensure students achieve their learning gols.





The world's leading tech companies and startups hire our students



















































& many more







5 Reasons To Learn Python



Ease of Learning: Python's simple syntax makes it accessible for beginners.



Wide Applicability: Used in various fields like web development, data science, and Al.



Large Libraries and Frameworks: Rich set of libraries and frameworks for various applications.



Strong Community Support: Extensive and active community providing ample learning resources.



Career Opportunities: High demand in the job market across multiple tech sectors.





What You Will Learn





Course Overview:

Python is a great and friendly language to use and learn. Python is a versatile, high-level programming language favored for its readability and vast ecosystem of libraries. In Data Science, it is extensively used for data analysis, machine learning, and complex data visualizations due to its powerful libraries like Pandas, NumPy, and Matplotlib. Python simplifies the process of data manipulation, statistical modeling, and predictive analysis, making it a go-to tool for data scientists to extract insights and make data-driven decisions. Its ease of use and comprehensive resources make Python a popular choice for both beginners and experts in the field of Data Science.

PYTHON



Introduction to Python

- · History & Features of Python
- · Versions of Python
- · Applications of Python
- Scripting vs Programming Language
- · Interactive Mode vs Script Mode
- Installing Python
- Writing First Python Program
- Executing First Python Program using Interactive Mode
- Executing First Python Program using Script Mode
 Assignments

Python Basic

- Introduction
- Keywords
- Identifiers
- · Comments
- · Data Type
- Variables
- print(), type(), id() functions

- Operators
- · Type conversion functions
- · Receiving input from keyboard
- Working with input() function
 Assignments

Python Operators

- Assignment Operator
- · Arithmetic Operator
- · Short-hand Operator
- · Relational Operator
- · Logical Operator
- Identity Operator
- · Membership Operator
- Bitwise Operator

Assignments

Decision Making Statements

- · If Statement
- · If else Statement
- Elif Statement
- Nested Decision Making Statement
 Assignments





Looping Statements

- For Loop
- · While Loop
- Else with Loop
- · Pass, break and continue
- Nested Loops

Assignments

Functions

- · Defining a Function
- · Calling a Function
- Types of Functions
- Formal and actual Arguments
- · Named and keyword arguments
- · Default and Positional Arguments
- *args and **kwargs Arguments
- Local and Global Variables
- · Lambda function

Assignments

Modules & Packages

- · Need of modules
- Creating a module and Importing Module
- Different ways of importing
- Working with Built-in Modules like math, sys, os, random, datetime etc.
- Creating a Package and Using a package

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
- · Variables and Methods in a Class
- · Instance Member
- · Class Member

Assignments

Encapsulation

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

Constructor & Destructor

- Syntax of Constructor
- Need of Constructor
- Creating Constructor
- · Constructor with default arguments
- Destructor

Assignments





Inheritance

- Syntax of Inheritance
- Need of Inheritance
- Derived (child) and Base (parent) classes
- Working of constructor in Inheritance
- Types of Inheritance
- · Data Hiding

Assignments

Polymorphism

- Operator Overloading
- Method Overriding
- Abstraction
 - Abstract class
 - Abstract method
- Properties

Assignments

Python Built-in Data Types

Strings

- Creating Strings
- Strings Immutability
- String Indexing and Slicing
- String Formatting
- String Functions
- · String Operators
- String Methods
- String Joining and Splitting

Assignments

List

- Creating and Accessing Lists
- · List Mutability
- · List operators and methods
- Generating List using range()
- Searching in List
- · User defined type List
- Converting String into List
- Converting List into String
- Nested Lists

Assignments

Tuples

- · Creating Tuple
- · Tuple indexing, slicing and functions





- Tuple operators and Methods
- Nested Tuples
- · Converting String and List to Tuple
- · Converting Tuple to String and List

Assignments

Dictionary

- Creating Dictionary
- · Dictionary mutability
- Adding and Deleting keys value pairs
- Looping through Dictionary
- Extracting only keys and only values from Dictionary
- Creating Dictionary from List and Tuple
- Dictionary comprehension Assignments

Set

- · Creating a Set
- · Normal and frozen Set
- · Creating and modify Empty Set
- Add, removing and discarding elements to Set
- Converting String, List and Tuple to Set
- Converting Set into String, List and Tuple

Assignments

Exception Handling

- Errors and Exceptions
- Exception Handling
- Try and Except Block
- Else block with try-except block
- Finally Block
- · Raising an Exception
- User-defined Exception

Assignments

GUI Programming

- · Introduction to Tkinter Programming
- Tkinter Widgets (Label, Button, Entry, ComboBox,
- RadioButton, CheckBox, ListBox, TreeView, Frame)

Assignments

Widgets Event Handling

Project Work





Certificates

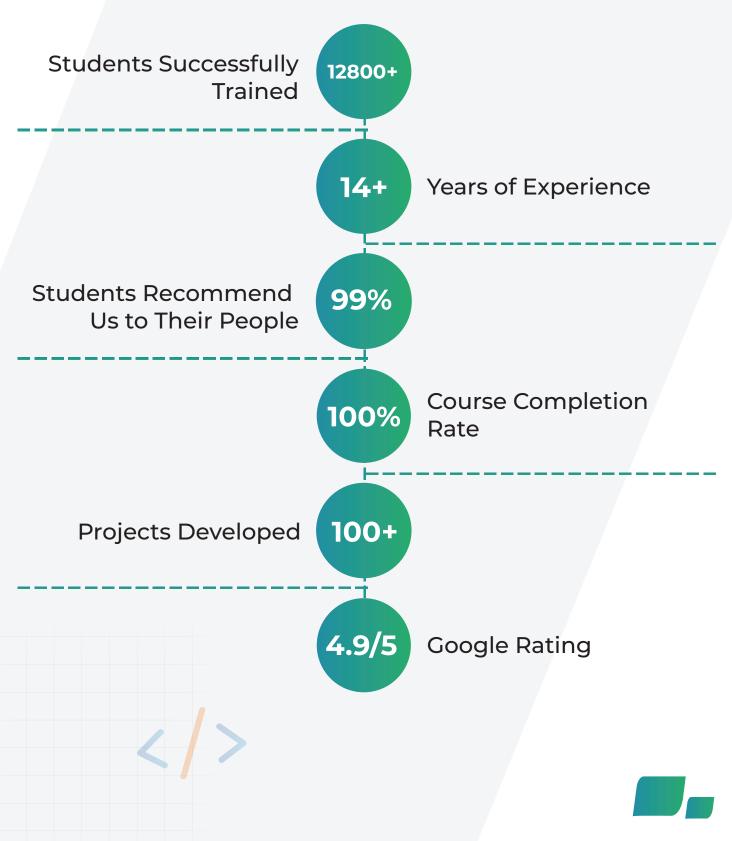


Upon completion of Course/Program, you will receive certificate from Incapp. This certificate validates your skills as an expert in the technology.











What our students say about us



Your teaching in Java Technology has been truly exceptional. Your deep expertise, clear explanations, and practical examples have significantly enhanced my understanding of the subject. Thank you for your dedication and for making learning Java so engaging and enjoyable.



I have completed the Java Core and DSA with Java courses from Incapp. Rahul Sir taught us coding in a very clear and understandable manner. The teaching style was easy to follow. Additionally, Incapp offers numerous backup classes and doubt-clearing sessions. The faculty at Incapp are very helpful and always available to solve any problems you may have. I definitely recommend Incapp if you want to grow, improve your skills, and achieve your dreams. Thank you



By choosing this platform is blessing for me. It is just amazing and interesting to learn here don't be late. It's totally a worth decision to boost your knowledge.

And this place is very safe and secure especially for girls so don't be concerned about safety and location.



I just wanted to express my gratitude for the excellent coaching sessions you've been providing for Java. Your teaching style is incredibly clear and effective, making complex concepts easy to understand. I appreciate your patience in addressing all of my questions and your willingness to provide additional resources for further learning. Thanks to your guidance, I feel much more confident in my Java skills and excited to continue improving. Keep up the fantastic work!

:



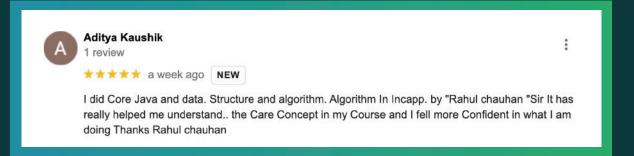
What our students say about us





Incapp excellent communication skills with students A great review of python course essentials for programming in Incapp & a better understanding of coding, testing & applying style guidelines as per thoroughly given by instructor Mr. Praveen Chauhan







& many more

:



What our students say about us



Lakshay Sharma

1 review · 1 photo

*** * 2 months ago

I took c course from INCAPP. It was very resourceful for me. Coming from a non technical background I never understood c at my college, but in INCAPP Praveen chouhan sir made c language seem very easy and interesting. Now I feel more confident!



Samriddh Pandey

2 reviews

★★★★★ a month ago

"At first, I thought this was just a regular coding institute like the others, but it's different. The instructors are highly trained and dedicated to ensuring you fully understand the material. It's an excellent place to learn coding."



Yuvraj Singh

1 review

**** a year ago

It was an amazing experience with this institute, awesome way of teaching Nd my advice is to must join this for better learning and your bright future.. At the end all that i can say is just awesome..

dia.

Satyam singh Bhudev

3 reviews · 1 photo

★★★★★ 4 months ago

Your teaching in Java Technology has been truly exceptional. Your deep expertise, clear explanations, and practical examples have significantly enhanced my understanding of the subject. Thank you for your dedication and for making learning Java so engaging and enjoyable.



& many more

.





Courses we offer





































Are you ready to elevate your career?



- 0120-4108484, 9811272031
- ☑ info@incapp.in
- www.incapp.in
- 5th Floor, OM TOWER, Commercial Belt, Alpha I, Greater Noida, UP









