

Python Programming

Duration: - 4 Weeks (40 Hours)

Batch Size: 30

Course in Python Programming

4 Weeks In-Campus Course

Medium of Instruction: Bilingual (English & Hindi)

Objective

Introduction to Programming, Algorithm and Flowcharts to solve problems, Introduction to Python, Operators, Expressions and Python Statements, Sequence data Types, Function, File Processing, NumPy etc.

10+2 qualified with Basic Knowledge of Computers

Eligibility

Prerequisite

Basic Knowledge of Computers

Rs. 4720/- incl. GST & all other charges.

Course Fees

Certificate

Certificate will be provided to the participants, based on minimum 75% attendance and on performance (minimum 50% marks) in the online test, conducted at the end of the course.

- ✓ Instructor-led offline classes.
- ✓ Instructor-led hands-on lab sessions.
- ✓ Content Access through e-Learning portal.
- ✓ Assessment and Certification

Methodology

How to Apply?

Step-1: Read the course structure & course requirements carefully.

Step-2: Visit the Registration portal (<https://regn.nielitvte.edu.in/>) and click on apply button.

Step-3: Create your login credentials and fill up all the details, see the preview and submit the form.

Step-4: Login with your credentials to verify the mobile number, email ID and then upload the documents, Lock the profile and Pay the Fees online, using ATM-Debit Card / Credit Card / Internet Banking / UPI etc.

Course Content

Day	Topic	Day	Topic	Day	Topic
Day #01	Introduction, Applications, Diff. b/w C and Python	Day #02	Python Virtual Machine (PVM), Installation, Execution of program	Day #03	Operators, Data types, Literals, Constants, Identifiers, Naming Conventions with examples
Day #04	Managing Input and Output with examples	Day #05	Concept of Indentation and if, if...else, if...elif...else statement with examples	Day #06	While loop, For loop, range() function, break and continue, pass & return statements
Day #07	Nesting of loops	Day #08	Concept of Array and its operations, Handling Strings and Characters	Day #09	List, Tuples
Day #10	Sets, Dictionary	Day #11	String Handling in Python	Day #12	Concept of Functions with Examples
Day #13	Anonymous functions (Lambda Function), Recursive Functions	Day #14	Introduction to File Handling, File Operations, Directories	Day #15	Built-in Modules, Import statement, Packages, Date and Time Modules
Day #16	Object Oriented Programming Concepts	Day #17	Classes and Objects, Encapsulation	Day #18	Constructor, Destructor and Inheritance
Day #19	Data Hiding, Method Overriding, Polymorphism	Day #20	Handling Exceptions: try...except, try...finally		

Course Coordinator

Dr. Raj Kumar (Scientist-D)
NIELIT Gorakhpur
Email: rkumar@nielit.gov.in
Mobile Number: 8317093873

Sh. Raja Ram (S.T.A.)
NIELIT Lucknow
Email: rajaram@nielit.gov.in
Mobile Number: 7706009313

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