



Python Programming

Objective

The course leads the students from the basics of writing and running Python scripts to more advanced features such as file operations, regular expressions, working with binary data, and using the extensive functionality of Python modules. Extra emphasis is placed on features unique to Python, such as tuples, array slices, and output formatting.

Eligibility

Basic Knowledge of Computers

Duration

4/6 Weeks (Six Weeks Programme includes two weeks project. No additional fee will be charged for Project)

Outline of Course

| S. No. | Topics |
|--------|---|
| 1. | Introduction to Python |
| 2. | Conditional Statements, Looping, Control Statements |
| 3. | String Manipulation |
| 4. | Collections (Lists, Tuples, Dictionaries) |
| 5. | Functions |
| 6. | Modules/Packages |
| 7. | Input-Output |
| 8. | Database Connectivity |
| 9. | GUI Programming |
| 10. | NumPy |

Prerequisite

Candidate must possess knowledge of computer & any one programming language.

Requirement for online Class

- ⇒ Candidate must have latest computer/laptop with preferably 4 GB RAM or higher
- ⇒ Software: Anaconda, Spyder for Python (can be downloaded from respective websites)

Certificate

e-Certificate will be issued to each participant after the completion of the training. Participant needs to maintain minimum 75% attendance during the online classes and is required to score minimum 50% marks in the online test in

How to Apply

Candidate may apply online at following link: <http://nielit.gov.in/haridwar/content/online-courses>
Fee is to be submitted to the following account and details to be submitted in online registration form.

| | |
|-------------|----------------------|
| Name | NIELIT Haridwar |
| Account No. | 12922122001331 |
| IFSC No. | PUNB0129210 |
| Bank Name | Punjab National Bank |
| Branch | SIDCUL Haridwar |

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