

## ESSENTIAL SKILL PROGRAMS

# PYTHON PROGRAMMING

**Python** is a general-purpose, object-oriented, high-level programming language. This program focuses on the installation of Python, the basic constructs of Python, the basics of databases, and the use of Python in web development. Python has an enormous degree of implicit data structures and these make it attractive for Web Application Development. This program also covers the deployment of a web application.



**LIVE TRAINING**  
(30 HRS.)



**SELF-PACED LEARNING**  
(30 HRS.)



**CAPSTONE PROJECT**  
(45 HRS.)

## Agenda

- Introduction to Python Programming
- Python Variables
- Data Structures
- Control Structures
- Functions in Python
- Introduction to Web development
- Basics of Database
- Web Application Development and Deployment



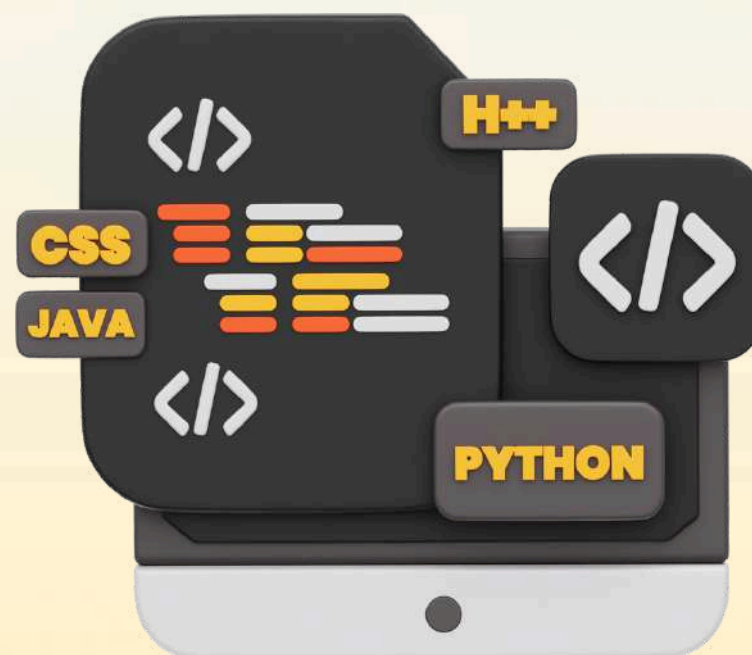
**REGISTER  
NOW!**

[ictkerala.org/interest](https://ictkerala.org/interest)

## Eligibility

- Engineering or science graduates / three-year diploma holders in any engineering branches, final year/pre-final year students of these courses, having a foundation level knowledge (plus two equivalent) in Mathematics and Computer fundamental skills.
- Students who have completed their graduation but are awaiting the final results can also apply.

*\*Please note that the ICT Academy of Kerala will have the right to cancel the candidature at any point if found ineligible.*



- ✓ **Online sessions tailored for graduates and professionals**
- ✓ **Scholarships for meritorious candidates via ICTAK**
- ✓ **Three-month access to LinkedIn Learning included**
- ✓ **Comprehensive employability skills training offered**