

Python & Django Workshop

11 - 12 Nov. 2022

2 days interactive online hands-on sessions



Python is a general-purpose, high-level, remarkably powerful dynamic programming language that is used in a wide variety of application domains. Django is a high-level Python web framework that enables the rapid development of secure and maintainable websites.

The 2 day Python and Django workshop will be conducted using **a mix of pre-recorded videos with hands-on learning and live sessions**. This workshop is organised by the FOSSEE (Free/Libre and Open Source Software for Education) project at IIT Bombay.

Course content

- Basic data-types
- Control Flow
- Core Data Structures
- Django Installation + Environment Setup
- Functions
- Django Project/App Setup
- Modules
- Exceptions
- Intro to Object Oriented Programming (OOP)
- OOP Class Attributes
- Django Project Explanation
- Django Models and Settings
- Django Admin
- Django Model Form
- Django Views + Post Request Handling
- Django URLs
- Final Project Display

Who can attend?

Students, faculty members and working professionals who have the knowledge in basic Python.

Benefits of the Workshop

On successful completion of the workshop, participants will:

- learn the various features and applications of Python.
- learn the features of Django by building a simple web application.
- learn about the features of Python useful in scientific computing.
- get e-Certificate for attending the 2-day Python and Django workshop.

For more details visit:

<http://www.it.iitb.ac.in/nmeict/announcements.html>



Any queries related to Python:

Post queries on [FOSSEE forums](#)

Send email to pythonsupport@fossee.in

For general queries:

Send email to eoutreach@cse.iitb.ac.in