

# Python & Django Workshop

**8 - 9 April 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 Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) and the FOSSEE (Free/Libre and Open Source Software for Education) project.

## 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](mailto:pythonsupport@fossee.in)

For general queries:

Send email to [eoutreach@cse.iitb.ac.in](mailto:eoutreach@cse.iitb.ac.in)

