

2 Week Intense Training Course

“PYTHON & DJANGO”

Brief Introduction:

Mayan Academy is offering a 2-week intensive programming course on “Python and Django”. The training course will be held in Anamnagar (near Singhadurbar). The timing of the course is from 7:00am - 8:00am every day.

What course are we offering?

Python is a high-level general purpose programming language that is multidimensional as it is associated with numerous sectors like image processing, web, machine learning, data science etc. We focus on producing skilled human resources in the Web sector utilizing Python and this is where Django comes in. So, what is Django? Django is a web framework written in Python. Python has many web related frameworks like Flask, Django, Pyramid etc. This course will focus on Django due to its easy to pick up and flexible nature. Django makes it easy to create web apps from bound extended MVP (Minimum Viable Product) to enterprise level applications. In Django, developers don't need to write much code for every basic feature for the web app. All the basic features like Authentication, Securities, Database Connections are accomplished under its hood in Django. Thus, with these reasons we have chosen to train you in Python-Django.

Why are we offering this course?

The objective of this training course is to develop quality human resources for the IT sector of Nepal. Once a student completes our training course, they will be able to compete and secure a job as a Python and Django developer. Our instructors are current IT professionals that work full time in different leading IT companies of Nepal with attractive salaries and benefits. They will focus on teaching you how to initiate and complete coding projects which is the main skill that will allow you to become an excellent Django coder in any IT company.

How can I register for this course?

- **Online Registration** via website: www.mayanmedia.com.np
- **Register via Call/Text:** 9841469812, 9860185474, 9843663478
- For more information, contact us in the above numbers or email us at mayanmediamain2020@gmail.com.

DETAILS OF COURSE SCHEDULE IS BELOW

COURSE SCHEDULE

The course will be more focused on Django. But, of course, knowledge of python is must. So, we will include basics of python covering the following topics for 3-4 lecture hours

Python Course Module:

- Python Introduction, Variables, and Syntax
- Python DataTypes
- Conditions and Loops
- Functional Paradigm in Python
- OOP in Python

****Note: There will be logical problem solving tasks (assignments) under each of the above topics.***

Django Course Module:

- Django Introduction, MVC and MVT architecture
- Connecting the dots (Folder structure, settings, apps, URL, Views, Model, and Templates)
- Models and URLs
- Views (Function-Based and Class-Based)
- Templates
- Final Project

By the end of the session, students will have completed a simple CRUD web application using Django.

