

Course : Programming in Python with Django

Duration : 120 hrs

Fundamentals of Python

- Introduction to Python
- Variables and Designs
- Operators
- Conditions
- Loops
- Function
- String
- Arrays
- Dictionaries
- Working with date and time
- File Handling
- Classes and Objects

Working with NumPy

- NumPy arrays
- Data types
- Array attributes
- Creating routines
- Indexing
- Broadcasting
- Array manipulation
- Sort, search & count functions
- Byte Swapping
- Copies and Views

Programming with Python

- Generators
- Exception Handling
- Sets
- Serialization
- Partial function
- Code Introspection
- Closures
- Decorators
- GUI development using python

Web Component Development using Django

- Django web framework setup
- Setting development environment for the website
- Developing skeleton of the website
- Using models
- Working with forms
- Database access
- Session framework
- User authentication and permission
- Testing application
- Deployment of the web app

6th floor, Indra City Square
Madan Bhandari Road
Opposite Indreni Foodland
New Baneshwor, Kathmandu
Nepal
+977 9801 200 111 / 01 555 15 15