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Python & Django course is **designed** to help the learner obtain proficiency in Python programming & develop real-world web applications using Django.

This Django course syllabus will cover both the basics and the advanced concepts like writing Python scripts, file operations in Python, working with Databases, creating Views, Templates, Forms, Models in Django.

Duration:- 3 Months.

Python Basic Course Syllabus :-

- ❖ Python Intro
- ❖ Python Syntax
- ❖ Python Comments
- ❖ Python Variables
- ❖ Python Data Types
- ❖ Python Numbers
- ❖ Python Casting
- ❖ Python Strings
- ❖ Python Booleans
- ❖ Python Operators
- ❖ Python Lists
- ❖ Python Tuples
- ❖ Python Sets
- ❖ Python Dictionaries
- ❖ Python If...Else
- ❖ Python While Loops
- ❖ Python For Loops
- ❖ Python Functions
- ❖ Python Arrays
- ❖ Python Lambda

Python Advance Course Syllabus:-

- ❖ Python Classes/Objects
- ❖ Python Inheritance
- ❖ Python Iterators
- ❖ Python Polymorphism
- ❖ Python Scope
- ❖ Python Modules
- ❖ Python Dates
- ❖ Python Math
- ❖ Python JSON
- ❖ Python RegEx
- ❖ Python PIP
- ❖ Python Try...Except
- ❖ Python User Input
- ❖ Python String Formatting
- ❖ Python File Handling

Django Course Syllabus:-

- ❖ Django Intro
- ❖ Django Get Started
- ❖ Create Virtual Environment
- ❖ Install Django
- ❖ Django Create Project
- ❖ Django Create App
- ❖ Django Views
- ❖ Django URLs
- ❖ Django Templates
- ❖ Database Settings
- ❖ Django Models
- ❖ Django Insert Data
- ❖ Django Update Data
- ❖ Django Delete Data
- ❖ Django Update Model
- ❖ Admin interface
- ❖ Project Work