

NEXT IT CAREER

PYTHON & DJANGO



PYTHON & DJANGO COURSE CONTENT

CORE PYTHON Introduction	• Python overview • History • Features • Setting up path • Working with Python • Basic Syntax • Variable and Data Types • Operators
Conditional Statements	• If • If- else • Nested if-else
Looping	• For • While • Nested loops
Control Statements	• Break • Continue • Pass
String Manipulation	• Accessing Strings • Basic Operations • String slices • Function and Methods
Lists	• Introduction • Accessing list • Operations • Working with lists • Function and Methods
Tuple	• Introduction • Accessing tuples • Operations • Working • Functions and Methods

Dictionaries	• Introduction • Accessing values in dictionaries • Working with dictionaries • Properties
Functions	• Defining a function • Calling a function • Types of functions • Function Arguments • Anonymous functions • Global and local variables
Modules	• Importing module • Math module • Random module • Packages • Composition
Python Files	• Python File Operation • Python Directory • Opening and closing file • Reading and writing files • Functions
Exception Handling	• Exception • Exception Handling • Except clause • Try ? finally clause • User Defined Exceptions
ADVANCE PYTHON OOPs concept	• Class and object • Attributes • Overloading • Overriding • Data hiding

Regular expressions	• Match function • Search function • Matching VS Searching • Modifiers • Patterns
Python Advanced Topics	• python Generator • Python Iterator • Python closure • Python Decorators
Database	• Introduction • Connections • Executing queries • Transactions • Handling error

DJANGO (FRAME WORK)

- Introduction to Django
- Installation of Django
- The basics of dynamic web pages
- The Django template system
- Interacting with a Database
- The Django administration site
- Real Time Example web page creation

INTERVIEW QUESTIONS AND ANSWERS

Duration : 40 to 60 days

Location : Hyderabad, KPHB

Project Orientation Program

100% JOB ASSISTANCE PROGRAM

