**Python Language**

**Python Basics Content : - 7000/-**

**1. Python Introduction**

* Installation
* Getting Started with IDE
* Keywords & Identifiers
* Statements & Comments
* Python Variables
* Python Datatypes
* Python Type Conversion
* Python Operators
* Ternary Operator

**2. Flow Control**

* Python if...else
* Python for Loop
* While Loop
* Break and Continue
* Pass Statement
* Looping Technique

**3. Functions**

* Python Function
* Function Argument
* Lambda Function
* Python Global and Local
* Python Global Keyword
* Python Modules
* Python Package

**4. Datatypes**

* Python Numbers
* Python List
* Python Tuple
* Python String
* Python Set
* Python Dictionary
* Python Nested Dictionary
* List Comprehension

**5. Handling**

* File Handling
* Python Directory
* Python Exception
* Exception Handling

**6. Class and Object**

* OOPs Concept
* Variables
* Methods
* Constructor
* Class and Object
* Python Inheritance
* Python Polymorphism
* Python Abstraction
* Python Encapsulation
* Overriding

**Advance Content : - 15000/-**

* Python Iterator
* Python Generator
* Python Closure
* Python Decorator
* Python Property
* Regular Expression
* Database Connectivity in Python
* Unittest Module
* Read & Write CSV Files
* AWS with Python
* Paramiko Library

**Django Framework**

**Python Basics, Advance & Django Content : - 25000/-**

* MVT Design Pattern
* Architecture
* Object Relational Mapper
* Templates
* Forms
* Function & Class based views
* URL Mapping
* Models
* Middleware
* HTTP
* Authentication
* Admin
* HTML/CSS/Bootstrap/JS
* File Uploading
* Sending Mail
* REST - DRF
* Swagger
* Unitttesting
* Many More…!

**Other Topics**

* Flask Framework Basics
* Selenium Basics
* Code deployment on GitHub, PythonAnywhere
* Unix/Linux Platform
* SQL, MySQL, Oracle/PostgreSQL Database
* End to End multiple mini applications
* Soft skills while learning python
* Interview questions & techniques
* Data Science Basics and a mini project
* Assignments on each topic
* Mock interviews in every 15 days
* Many More…!