Python Full Stack Course

Introduction to Programming in Python

• Python basics

• Data Types

• Control Statements

• Functions, Collections

• Exception Handling

• File Operations using Python

• Modules & Packages

Object Oriented Programming

• Class, Objects, Methods, Variables

• Inheritance, Polymorphism, Encapsulation

• Abstraction and Abstract Classes

Database Management Systems

• Basics of RDBMS - Keys, Normalization, Indexes, ACID, Constraints

• Basics of SQL Queries (DDL, DML, DQL)

• Using MySQL with the help of Python,

Web Development Framework

• HTML, CSS, JavaScript

• Django Framework and Virtual environment

• URLs, Views, Models, Migrations, Validations

• Templets, Forms, Django admin, REST APIs

• Project