Python Course

Unit 1: Introduction Of Core Python

Introduction Of Python

Programming Style

Conditional Statement

Loops

Control Statement

String

Operation

Functions

Unit 2:Collections

Introduction Of List

Operations

Working With Lists

Introduction Of Tuple

Operations

Working With Tuple

Introduction Of Dictionaries

Introduction

Properties

Function

Unit 3:Functions

Defining Function

Calling Function

Types Of Function

Unit 4: Modules

Importing Modules

Math

Package

Composition

Unit 5 :Input Output:

Printing On Screen

Read and write in files

Use Functions

Unit 6 :Exception

Exception

Exception handling

User Define Exception

Unit 7 :OOP Concept

Class And Object

Attributes

Data Hiding

Function Overloading

Inheritance

Unit 8 :Regular Expression

 Patterns

Modifiers

Search Function

Unit9:Networking

Socket

Socket Module

Methods

Client and Server

Internet Modules

Unit10:Multithreding

Starting Thread

Threading Module

Priority Queue

Unit11:GUI Programming

Introduction

Application

Unit12:Database

Connection steps, Transactions

Handling Errors

Query Exec.

Unit 13: Django

Django Introduction

MVC And MTV

Creating Website

Models

Basic Data Acess Using Shell

Objects

Creating Admin Panle

Using Interface

Giving Permission To Users

Template System

Template Inheritance

Add Users To Site

Form Creation

Form Inputs Examples

Django Email Functions

Sending Emails

Django Template Language

Bootstrap In Django

Session And Cookie

Database In Django

Restful Api

Live Project Implementation