



(A Venture of Chandigarh ETC Services Pvt. Ltd.)

An ISO 9001:2015 Certified Organisation with Completely Online Management System

Website : www.citcchandigarh.com

Course Syllabus: Advance Python Language

Batch Name: Advance Python Language

Eligibility: 10th

Course Start: 1st of Every Month

Course Duration: 90 Hours

Courses / Modules Paper

Paper 1
Advance Python

Module 1

Paper 1: Advance Python

1: Introduction to OOP Concepts

- 1.1 Classes and Objects
- 1.2 Attributes
- 1.3 Inheritance
- 1.4 Overloading
- 1.5 Overriding
- 1.6 Data Hiding

8: Sending emails

- 8.1 Introduction

2: Regular Expression

- 2.1 Match Function
- 2.2 Search Function
- 2.3 Matching VS Searching
- 2.4 Modifiers
- 2.5 Patterns



3: CGI

- 3.1 Introduction
- 3.2 Architecture
- 3.3 CGI Environment Variable
- 3.4 GET and POST Methods
- 3.5 Cookies
- 3.6 File Upload

4: Database

- 4.1 Introduction
- 4.2 Connections
- 4.3 Executing Queries
- 4.4 Transactions
- 4.5 Handling Error

5: Networking

- 5.1 Socket
- 5.2 Socket Module
- 5.3 Methods
- 5.4 Clients and Server
- 5.6 Internet Module

6: Multi-threading

- 6.1 Threads
- 6.2 Starting a Thread
- 6.3 Threading Module
- 6.4 Synchronizing Threads
- 6.5 Multi-threading Priority Queue

7: GUI Programming

- 7.1 Introduction
- 7.2 Tkinter Programming
- 7.3 Tkinter Widgets