Python Programming
Advance

1. Introduction to OOPS

- **Class And Objects**

- **Features Of OOPS**

- **Inheritance**

- **Data Abstraction**

- **Encapsulation**

- **Access Specifiers**

- **Constructor And Destructor**

- **Garbage Collection**

- **Descriptors**

- **Object Serialization And Deserialization**

2.GUI with Python

- **Installing PyQT For GUI**
- **Using QTdesigner To Design GUI**
- **Building Basic and Advance Calculator**
- **Tic Tac Toe**
- **Emp Management System**
- **Integrating Database With GUI**

3. Web Development with Python

- **Introduction To CGI**
- **Basics Of Web Development**
- **Form Handling**
- **Storing And Fetching Data From Database**
- **Using SQL**
- **File Upload**
- **Session Handling**

4. Multithreading

- **Introduction To Multithreading**
- **Multithreading Vs Multiprocessing**
- **Working With Threads**
- **Daemon Threads**

- **Join**

- **Customize Threads**

- **Timer Threads**

- **Thread Safety**

- **Lock, Reacquire Lock, Threading RLock**

5.Networking

- **Introduction To Networking**

- **Understanding Socket**

- **Connecting To Server**

- **Connecting Client Server**

- **Sending Messages To Server From Client**

- **Applications**

6. Projects

- **Projects**