

## **Getting Started**

- History
- Installation of python in windows and linux
- Run Programs

## **Types and Operations**

- Object Types
- Numeric Types
- Strings
- Lists
- Tuples
- Dictionaries
- Files I/O

## **Statements and Syntax**

- Statements
- Assignments, Expressions and Prints
- Loops
- Iterations

## **Functions**

- Function Basics
- Scopes
- Arguments
- Advance Function Topics

## **Modules**

- Module Coding Basics
- Module Package
- Advance Module Topics

## **Classes and OOP**

- Class Coding Basics
- Example
- Class Coding Details
- Operator Overloading
- Advanced Class Topics

## **Exceptions and Tools**

- Exception Basics

- Exception Coding Detail
- Exception Objects
- Designing With Exceptions

### **Advanced Topics**

- Sending Email
- XML Processing
- Database Access