

Python Programming Syballus Conducted with Practical only @ SCTPL

• About Python

- The Python Execution Model
- Python and Jython
- Running Python
- Running a Program
- Another Simple Example
- Introducing Control Structures
- Compound Statement Syntax in Python
- if, else and elif
- Using if in Expressions
- Looping with the for Statement
- Using else with the for Statement
- Looping with the while Statement



• Built in Numeric Data Types

- Integer Examples
- Long Integers
- Floating Point and Complex
- Strings in Python
- Structured Types
- Lists
- Working with Lists
- More List Operations
- Tuples
- Ranges
- List Comprehension
- Dictionaries
- More Operations on Dictionaries
- NoneType

See schedule / TT on

<http://monster.suven.net>

**Exclusive Weekend batches only at
Kandivali & Chembur SCTPL Office.**

• Functions

- Simple Functions
- Returning Aggregate types
- Multiple Assignment - A Swap Function
- Function Assignment
- Default Parameter Values
- Using Named Parameters
- Passing Lists and Tuples

• Exceptions

- Exception Handling
- Basic Exception Handling
- Unwinding the Call Stack
- try...except...else
- try...finally
- Raising Exceptions

• Working with Text Files

- Working with Text Files - Basics
- Access Modes for Files
- File Objects and Iteration
- Resource Management

Python programming - hands On Training

✓ Fee: 2950/- Only.

✓ **No Pre-require.**

✓ All stream students can join.

✓ Batches on Sat + Sun + PH Only.

✓ Cost includes **Certification Test cost.**

✓ Total of 8 Major topics

✓ **Duration : 24 Hrs of Training**

Python Programming Syballus Conducted with Practical only @ SCTPL

- Better Resource Management
- Random Access to Files
- **Objects and Classes**
 - Object Oriented Programming
 - Defining a Class
 - Using the Class
 - Objects and References
 - Object Identity
 - Class Data
 - Organizing Your Code
 - Packages
 - Variations on Import
 - Where are Packages Located?
 - Intrinsic Attributes
 - The Class Documentation String
 - Inheritance
 - Defining Inheritance
 - Inheritance and Polymorphism in Action
- **Working with XML**
 - Simple XPath Expressions
 - Using XPath in Programs
 - XPath Predicates
 - Working With Predicates
 - Iterating Through The XML Document
- **Database Programming**
 - Connecting to a Database
 - Executing Database Commands
 - Accessing Query Results
 - Working With Results
 - Parameterized Statements
 - Type Mapping
 - Transactions and Stored Procedures
 - Other Databases
- **Introduction to Django Framework**
 - How to design Web Pages.
 - Settings
 - URL configuration
 - Set up admin Module
 - Build, compile and Host web applications



Python is powerful... and fast;
plays well with others;
runs everywhere;
is friendly & easy to learn;
is Open.

Applications

- Web and Internet Development
- Database Access
- Desktop GUIs
- Scientific & Numeric
- Education
- Network Programming
- Software & Game Development

Selenium and Python Training is taken Industry expert Mr. Tarik Sheth

(Tarik sir is 11+ years experienced as a software developer. Presently he is VP in the best Investment banking MNC in India)