Python Programming
8 Days Hands-on Certificate Training Program

Python Programming is intended for software engineers, systems analysts, program managers and user support personnel who wish to learn the Python programming language.

Objective

- To learn how to design and program Python applications.
- To learn how to use lists, tuples, and dictionaries in Python programs.
- To learn how to identify Python object types.
- To learn how to use indexing and slicing to access data in Python programs.
- To define the structure and components of a Python program.
- To learn how to write loops and decision statements in Python.
- To learn how to write functions and pass arguments in Python.
- To learn how to build and package Python modules for reusability.
- To learn how to read and write files in Python.
- To learn how to design object-oriented programs with Python classes.
- To learn how to use class inheritance in Python for reusability.

Mail stamp size photo to autvscqm2015@gmail.com with the following specification.

- A recent stamp size color photo taken against white background only.
- If your wear glasses make sure that there are no reflections
- Cap, hat and dark glasses are not acceptable.

Date: July 6th, 7th, 13th, 14th, 20th, 21st, 27th, 28th 2019

ADMISSION

1. Restricted to 20 on First Come First Serve Basis.
2. Last date of Registration 02-July-2019.
Certificate will be awarded to all the participating delegates.

CLASS TIMING:

Saturday – 10 Am to 12 Am & Sunday – 10 Am to 12 Am

- Course is 2 hours per day 1 Hour theoretical session + 1 Hour practical session

PAYMENTS DETAILS

Course Fee: ₹ 6,000/- Includes professional fee (Exclusive of TDS).

Payment can be made by cheque / DD in favour of "AU TVS Centre for Quality Management" and send through courier or in person.

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autvscqm@annauniv.edu / autvscqm2015@gmail.com
## Content

- Introduction to Script
- Introduction to Python
- Different Modes in PYTHON
- Python New IDEs
- Variables in Python
- String Handling
- Python Operators and Operands
- Python Conditional Statements
- Python Loops
- Lists
- Tuple
- Sets
- Dictionary
- Functions
- Python Modules
- Packages in Python
- File Handling
- Exception Handling
- Class and Objects
- Regular Expressions
- Data Base Communication

## Python Programming Registration Form

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<th>Name (Mr. / Ms.)</th>
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<td>Name of the Organization</td>
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AU TVS CQM program certificate holders: Yes / No (Enclose certificate copy)

**Special Concession 10% discount for AU TVS CQM program certificate holders with certificate copy.**

Payment can be made by cheque / DD in favour of "AU TVS Centre for Quality Management" and send through courier or in person.

Enclose the Cheque / DD No. :

Amount: 6,000/- Date: 

Bank: 

Signature with date

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**To:**

**The Director,**

**AU TVS Centre for Quality Management,**

**Anna University, Chennai – 600 025.**