Curriculum for Python Programming Course

Content	Total Duration

- Introduction of Python

- Installing Python IDES – Python IDLE and Anaconda

- Writing Your First Python Program

- Data-types in Python

- Variables in Python – Declaration and Use

- Typecasting in Python

- Operators in Python – Assignment, Logical, Arithmetic etc.

- Taking User Input (Console)

- Conditional Statements – If else and Nested If else and elif

- Python Collections (Arrays) – List, Tuple, Sets and Dictionary

- Loops in Python – For Loop, While Loop & Nested Loops

- String Manipulation – Basic Operations, Slicing & Functions and Methods

- User Defined Functions – Defining, Calling, Types of Functions, Arguments

- Lambda Function

- Importing Modules – Math Module

Total Duration

40 hours

Assessment: -

       Minimum 80% attendance
       Minimum 80% Participation in Hands-On training
       Quiz   50%

(Prof. ShanmukhaSwamy C V)
HOD – CSE , SIET
HOD
COMPUTER SCIENCE & ENGG.,
SIET, TUMAKURU-06.

Dr.Hemadri Naidu T
Principal, SIET