



**SHRIDEVI**  
EDUCATION

**SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY**

(Recognised by Govt. of Karnataka, Affiliated to VTU, Belagavi and Approved by AICTE, New Delhi)

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## Curriculum for Python Programming Course

Content	Total Duration
<ul style="list-style-type: none"><li>Introduction of Python</li><li>Installing Python IDES – Python IDLE and Anaconda</li><li>Writing Your First Python Program</li><li>Data-types in Python</li><li>Variables in Python – Declaration and Use</li><li>Typecasting in Python</li><li>Operators in Python – Assignment, Logical, Arithmetic etc.</li><li>Taking User Input (Console)</li><li>Conditional Statements – If else and Nested If else and elif</li><li>Python Collections (Arrays) – List, Tuple, Sets and Dictionary</li><li>Loops in Python – For Loop, While Loop &amp; Nested Loops</li><li>String Manipulation – Basic Operations, Slicing &amp; Functions and Methods</li><li>User Defined Functions – Defining, Calling, Types of Functions, Arguments</li><li>Lambda Function</li><li>Importing Modules – Math Module</li></ul>	40 hours

### Assessment: -

Minimum 80% attendance

Minimum 80% Participation in Hands-On training

Quiz 50%

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

**Dr. Hemadri Naidu T**  
Principal, SIET