



**SRI GURU GOBIND SINGH COLLEGE OF COMMERCE**  
UNIVERSITY OF DELHI  
**CENTRE FOR PROFESSIONAL DEVELOPMENT**



*offers*

**Add-On Course**

*on*

# FUNDAMENTALS OF PYTHON



**Last date to Register: 19th August, 2023**



**3:00 P.M. to 5:00 P.M.**



**Tuesday, Thursday, Saturday**

Registration Form QR Code:



Classes start  
from  
August 22,  
2023



**Rs. 1000/- for SGGSCC students**

**Rs. 1500/- for other University of Delhi students**

**Payment Link: <https://www.sggscs.ac.in/paymode>**

**Patron:**  
**Jatinder Bir Singh**  
**(Principal)**

**Co-ordinator:**  
**CPD**  
**Dr. Satvinder Kaur**

**Course Co-ordinator:**  
**Dr. Megha Ummat**  
**Ms. Ushveen Kaur**

# COURSE CONTENT

Module	Topics
1	Introduction: Structure of a Python program, understanding Python interpreter/Python shell, Data types, variables, operators, identifiers and keywords.
2	Control Structures: Conditional statements (if, else, elif), Loops (for, while) and iterations. Functions.
3	Strings and Lists: Strings-slicing, membership, and built-in functions on strings, list operations, passing list as arguments, copying list objects, sets, tuples and dictionary – associated operations. Tuples & Dictionaries.
4	Searching and Sorting: Linear search, binary search, selection sort, insertion sort and bubble sort.
5	File handling: Reading and writing text and structured files, Exception Handling.
6	Notion of class, object and method.

\*An assessment would be conducted at the end of the course.