



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



offers

Add-On Course

on

FUNDAMENTALS OF PYTHON

A Foundation Course for the following SEC courses:

- Analytics/ computing with Python
- App Development using Flutter



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.sggsc.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.