

Python Programming

(Syllabus)

MODULE 1:

Overview of Programming: Structure of a Python Program, Elements of Python Introduction to Python: Python Interpreter, Using Python as calculator, Python shell, Indentation. Atoms, Identifiers and keywords, Literals, Strings

MODULE 2:

Operators (Arithmetic operator, Relational operator, Logical or Boolean operator, Assignment, Operator, Ternary operator, Bit wise operator, Increment or Decrement operator). Creating Python Programs: Input and Output Statements

MODULE 3:

Control statements (Looping while Loop, for Loop, Loop Control, Conditional Statement-if...else, Difference between break, continue and pass). Unit-IV Structures: Numbers, Strings, Lists, Tuples, Dictionary, Date & Time, Modules, Defining Functions, Exit function, default arguments.

MODULE 4:

Introduction to Advanced Python: Objects and Classes, Inheritance, Regular Expressions, Event Driven Programming, GUI Programming.

Reference Books:

- T. Budd, Exploring Python, TMH, 1st Ed, 2011
- Python Tutorial/Documentation www.python.org 2010
- Allen Downey, Jeffrey Elkner, Chris Meyers , How to think like a computer scientist : learning with Python , Freely available online.2012
- <http://docs.python.org/3/tutorial/index.html>
- <http://interactivepython.org/courselib/static/pythonds>

Awala
St. Bede's College
Computer Department

malyms
Principal
St. Bede's College

Timetable (2022-2023)



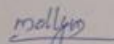
Department of Computer Science
St. Bede's College, Shimla

AUGUST 10, 2022

TIMETABLE 2022-23

COURSE NAME	CLASS	DAY	TIME	ROOM NO
PYTHON PROGRAMMING	THIRD YEAR	MONDAY	3:00 PM-4:00 PM	COMPUTER LAB
		FRIDAY	3:00 PM-4:00 PM	COMPUTER LAB

Note: Classes will commence from August 22, 2022


PRINCIPAL

Date sheet (2022-2023)



*Department of Computer Science
St. Bede's College, Shimla*

MAY 15, 2023

**DATESHEET
2022-23**

COURSE NAME	CLASS	TIME	ROOM NO
PYTHON PROGRAMMING (THEORY)	THIRD YEAR	MAY 30, 2023 12:00 PM-1:00 PM	COMPUTER LAB
PYTHON PROGRAMMING (PRACTICAL)	THIRD YEAR	MAY 30, 2023 1:00 PM-2:00 PM	COMPUTER LAB

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PRINCIPAL

Certificate (2022-2023)



St. Bede's College

NAAC Re-Accredited A+ Grade

CERTIFICATE OF MERIT

This certificate is awarded to

Shatakshi Sharma

D/o Sh. Kapil Sharma

student of **B.C.A. 3rd Year**

for successfully completing

Python Programming course

acquiring Grade A+

for the session 2022-23

Certificate No: DCS-220001

Regd. No.: 206002

Date: June 2, 2023

Prof. Sr. Molly Abraham

Principal

St. Bede's College, Shimla