

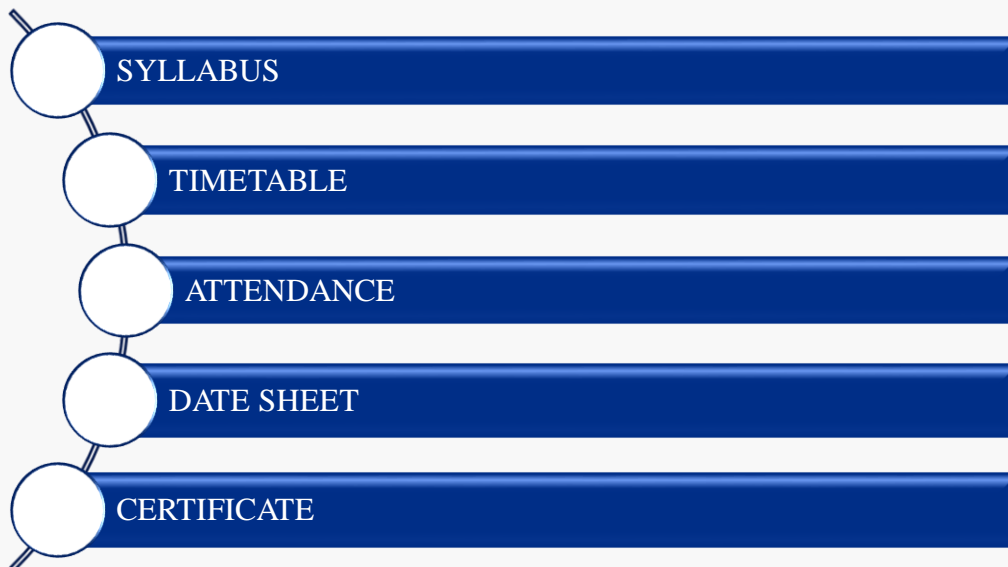


**St. Bede's College Shimla**  
(UGC-NAAC "A+" Grade Re-Accredited)

**CRITERION 1**

1.2.1&1.2.2

## **PYTHON PROGRAMMING**





## St. Bede's College Shimla

### 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.

#### MODLUE 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 4. Python Tutorial/Documentation [www.python.org](http://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>

*Awalia*  
St. Bede's College  
Computer Department

*malys*


Principal  
St. Bede's College

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Timetable (2022-2023)

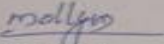
 Department of Computer Science  
St. Bede's College, Shimla

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

  
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St. Bede's College Shimla

Attendance (2022-2023)

Daily Attendance Register of St. Bede's College for the month of AUGUST- MARCH, year 2022-23

Class: B.C.A., B.A., B.B.A, B.COM 3<sup>rd</sup> year

Subject: PYTHON PROGRAMMING

Paper: -

CLASS.....
SUB.....
PAPER.....
MONTH.....
YEAR.....

Table with columns: Serial Number, Name of Student, Registration No., Previous Attendance, DATES (Aug 22-30, Sep 1-30, Oct 1-30, Nov 1-30, Dec 1-31, Jan 1-31, Feb 1-28, Mar 1-31), No. of Lectures, Attendance. Rows include students like SHATAKSHI SHARMA, NITIMA, SAKSHI VERMA, etc.

Dated 30/5/2023

Lecturer's Signature: Neha Waha, Lecturer Name: Neha Waha

Dated 30/5/2023, Received By:


Principal's Signature, Clerk's Signature

Teacher's Name: Neha Waha, Teacher's Signature: Neha Waha



St. Bede's College Shimla

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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St. Bede's College Shimla

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**

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