

CAREER DEVELOPMENT CENTRE



Date: 24th December 2021.

Subject: Value Added Trainings School of Pharmaceutical and Population Health Informatics

Attention: M.Pharm- II Semester / B.Pharm- VIIIth Semester (Session-EVEN-2021-22)

Above mentioned students are hereby informed that as per the approved value added trainings for the academic year 2021-22, Career Development Centre offers the below mentioned technical training in the Even Semester (2021-22). Details as follows:

Training	Semester	Program	Duration	Date of Commencing
Python (M.Pharm) (VAT-95)	II	M.Pharm	60	10 th January 2022

NOTE:

1. The Department concerned shall notify the details about timings and venue of the training sessions. In case of any query please contact the Career Development Centre, DIT University.
2. For Office of HoD- Ref to Letter N0. Ref No: DITU/CDC/2019/AN-14 (Guidelines for VAT)

Dr. Havagiray Chitme
HoD- SoPPHL

Dr. Havagiray Chitme
Head
Faculty of Pharmacy
DIT University, Dehradun

Gaurav Singh
Head- CDC
Career Development Cell
DIT University, Dehradun

To:

- All Deans / Directors
 - HoDs
 - CDC
- } With the request to bring the above to the notice of the students

Copy for information to:

- Hon'ble Chairman
- Hon'ble Chancellor
- Hon'ble Vice Chancellor
- Hon'ble Pro Vice Chancellor
- ICT Manager – to upload on website

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VAT 95- Python

Venue: VEDA LAB 505 | **Duration:** 60 Hrs (10th January 2022 – 28th April 2022)

The Basics of Python training was conducted for students of Master of Pharmacy program (2nd Semester), This course leads the students from the basics of writing and running Python scripts to more bit advanced features such as file operations, regular expressions, working with binary data, and using the extensive functionality of Python modules. Extra emphasis is placed on features unique to Python, such as tuples, array slices, and output formatting. It was conducted by the **School of Pharmaceutical and Population Health Informatics**, the coordinator for the training was **Mr. Chirag Joshi (Assistant Professor, SoC-DIT University)**.

Course Objectives:

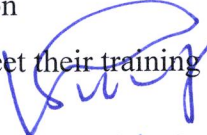
Python has been named as ‘the next big thing’ to cause a stir in the tech world because its huge demand by many young as well as experienced developers and high income compared to all the other programming languages in the IT space. Python has also been placed at the seventh position in the list of most popular programming language in the world amongst software developers.

Participants of the python course learned from the basics to the intermediary level of programming. Students got hands on python projects under the supervision of highly experienced trainer. Students mastered in coding, Socket programming, implementing and creating functions.

Who should take up this course?

- Any aspiring programmer can take up this bundle to master Python
- Any aspiring web developer student can take up this bundle to meet their training needs

What are the prerequisites for this course?


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- There are no such pre-requisites for learning python programming.
- Having Basic knowledge of computer would be sufficient.
- Understanding of concepts such as control statements, variable, loops would be a plus point.

What will you learn in Python Training?

- Learn how to create web as well as desktop applications.
- In Python Programs, use Variables to Track Data
- Use Numbers in order to Create Functionality of “Behind-the-Scenes”
- Use Strings in order to Create Engaged, Customized User Experiences
- Use Loops in order to Maximize Productivity, Save Time, and Improve Efficiency
- Python key principles
- Execute knowledge absorbed in their live or commercial projects.
- Utilize the practical concept absorbed in real time.
- Create and implement Custom Functions
- Execute Python Debugging Strategies

Module 1: Introduction to Python- 2 hours

Learning Objectives: You will get a brief idea of what Python is and touch on the basics.

Topics:

- Overview of Python
- The Companies using Python
- Different Applications where Python is used
- Discuss Python Scripts on UNIX/Windows
- Values, Types, Variables
- Operands and Expressions
- Conditional Statements
- Loops



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- Command Line Arguments
- Writing to the screen

Hands On/Demo:

- Creating “Hello World” code
- Variables
- Demonstrating Conditional Statements
- Demonstrating Loops

Module 2: - Sequences and File Operations-3 hours

Sequences and File Operations

Learning Objectives: Learn different types of sequence structures, related operations and their usage. Also learn diverse ways of opening, reading, and writing to files.

Topics:

- Python files I/O Functions
- Numbers
- Strings and related operations
- Tuples and related operations
- Lists and related operations
- Dictionaries and related operations
- Sets and related operations

Hands On/Demo:

- Tuple - properties, related operations, compared with a list
- List - properties, related operations


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- Dictionary - properties, related operations
- Set - properties, related operations

Skills:

- File Operations using Python
- Working with data types of Python



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Annexure - II

Value added course Details (Academic Year: 2021-22)

VAT Course Name: Python

VAT Code: VAT 95

Duration in Hours: 60

Number of Students Enrolled: 14

Number of Students Completed: 14

Grades:	G= GOOD ; S = Satisfactory ; P = Poor ; W = Withdraw			
Student ID	Student Name	Program/Course	Year	Passing Grade
215740001	KUMARI RASHMI SINGH	Master of Pharmacy	1st Year	S
215740002	KHUSBOO BANSAL	Master of Pharmacy	1st Year	S
215740003	KM NANDINI GOYAL	Master of Pharmacy	1st Year	S
215740004	NITIN KUMAR	Master of Pharmacy	1st Year	G
215740005	GUNJAN TYAGI	Master of Pharmacy	1st Year	S
215740006	VAISHALI GAUTAM	Master of Pharmacy	1st Year	S
215740007	SUNNY KUMAR SARRAF	Master of Pharmacy	1st Year	G
215740008	DIWYA KUMAR LAL	Master of Pharmacy	1st Year	G
215740009	AMAN CHAUDHARY	Master of Pharmacy	1st Year	S
215740010	ARPIT PANWAR	Master of Pharmacy	1st Year	G
215740011	POORVI VARSHNEY	Master of Pharmacy	1st Year	G
215740013	ASHUTOSH SINGH RAWAT	Master of Pharmacy	1st Year	G
215740014	SIDDHANT SINGH	Master of Pharmacy	1st Year	S
215740015	VIJAY KUMAR	Master of Pharmacy	1st Year	S

Submitted

Parv (EDC)
Career Head - EDC
Career Development Cell
DIT University, Dehradun

[Signature]

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