

Registration Form

Faculty development program on

Applications of Python Programming

Under the aegis of TEQIP-III,
Uttarakhand Technical University,
Dehradun

13 to 17 January 2020

Name:

Qualification:

Department:

Organization:

Address for Correspondence:

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Mobile:

Email:

Accommodation Required:

Yes No

Declaration

I agree to abide by the rules and
regulations of the FDP and shall attend
for the entire duration.

Date.....

Signature of the Applicant

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Vice Chancellor, UTU, Dehradun
Mr. Sanjay Bansal
Chairman, DBGI, Dehradun

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UTU, Dehradun
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TEQIP-III, UTU, Dehradun

Veer Madho Singh Bhandari Uttarakhand
Technological University, Dehradun

&

Dev Bhoomi Institute Of Technology

Jointly Organizing
Five Days

Faculty Development Program
on

Applications of Python Programming

under the aegis of

TEQIP-III in association with
Uttarakhand Technical University, Dehradun



13 to 17 January 2020



Navgaon, Manduwala, Chakrata Road,
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About:

Dev Bhoomi Group of Institutions, Dehradun, Uttarakhand situated in the land of Gods, has stood true to its name and pledged to provide a world-class education and best possible facilities to its students. With the tenacity to step in the education industry and constant perseverance, today DBGI is amongst the top Institutions, with multifaceted regimes and courses. Dev Bhoomi Group of Institutions, Dehradun took its first steps in the world of education as Engineering College in Dehradun (DBIT). Subsequent to its commencement in the year 2005, the growth chart of the Institute has been phenomenal. The Institute provides the perfect blend of theoretical and practical knowledge. It is through its perseverance and positive response from its students that DBIT is now amongst one of the best Engineering Colleges in Uttarakhand.



Objective and Outcomes of the FDP

- To provide a forum to exchange views, ideas & the latest innovations in the field of Python Programming.
- To offer learning on basics, emerging trends & challenges in the field of Python Programming.
- To improve faculty's ability in carrying out research, testing & consultancy in the area of Data Science, Machine Learning, etc.
- To introduce Python Programming and to provide opportunities to further widen the knowledge and to pursue research.

COURSE CONTENT

DAY 1:

- Introduction and History of Python
- Modes of Python
- Variables in Python
- Data types in Python
- String in Python
- Intro to List, Tuple, Set and Dictionary

DAY 2:

- Operator in Python
- Control Structure
- Iterative Statement
- Methods of List, Tuple, set and Dictionary
- Introduction to Function in Python

- Different types of Function in Python
- Decorator Concept in Python
- Packages and Module Concept

DAY 3:

- File Handling concept
- Working with CSV and JSON files
- Regular Expressions
- Exception Handling
- Date and Time Concept Intro Only

DAY 4:

- Introduction of OOP
- Static Variable Vs Non-static Variable
- Statics Method Vs Non Static Method
- Inheritance Concept in Python
- Built-in Attribute of Class
- Polymorphism in Python
- Abstract Class in Python
- Built-in Methods of Class
- Decorator Based on Class

DAY 5:

- Sending mails in Python
- Creating Virtual Environment in Python
- Web Scrapping Intro
- Introduction to turtle

For more details

Call at **18001034049, 9456113666**

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