

HANDS-ON TRAINING WORKSHOP ON PYTHON FOR BIOLOGY & ITS PRACTICAL APPROACH

(From 9th January - 13th January 2023)



Purpose of Workshop -

This workshop aims to introduce Python programming language to students with a biological background. The workshop intends to be very basic in nature and the participants need not have any prior coding experience. The workshop is divided into two parts. In the first part which spans starting three days, students will be given a basic introduction to Python programming language. In the second part case studies will be discussed where students will be taught how they can analyze big data related to biology.

Limited to 20 participants only (on first come first serve basis)

Rs 3000 Non-refundable workshop fee applicable

Registration deadline 5th Jan 2022 5:00 PM

Who Should Attend

Graduates, Post-Graduates, Research Scholars, Scientists and Teachers.

THE 100% WHAT WILL YOU LEARN ?

INTRODUCTION TO DATA TYPES AND OPERATOR IN PYTHON

25%

- Print Command - Concept of Variable in Python
- Data Types.
- Concept of Variables.
- Operations in Python.

CONDITIONAL STATEMENT AND LOOPS IN PYTHON

25%

- Conversion Between Data Types.
- Types of Data Structures.
- Use & Application of Conditional Statements.
- Loops-"For and While" Loop.

FUNCTIONS IN PYTHON

25%

- Functions in Python - User Defined, Lambda Function, Higher-Order Functions.
- File Handling- Reading & Writing a File.

CASE STUDIES

25%

- Investigate the Mutational Landscape in SARS-CoV-2.
- Using Machine Learning to Classify Coding & Non-Coding RNAs.

Organized by-

CIIDRET



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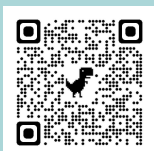
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University of Delhi प्रतिष्ठित संस्थान

DELHI SCHOOL OF SKILL ENHANCEMENT & ENTREPRENEURSHIP DEVELOPMENT

<https://www.ioe.du.ac.in/delhi-school-of-skill-enhancement-entrepreneurship-development/>



For registration, please visit the given link or scan the QR
<https://forms.gle/T2oR127nYPhGTPXR6>



Venue: University of Delhi South Campus, New Delhi
Timing: 9:30 am - 5:30 pm (Daily)

The Workshop certificate will be issued to the participants who successfully attend and complete the full duration of the course.