Joint Online Two Weeks Certificate Program
Python Programming
July 26 –Aug 06 , 2021

E & ICT Academy at PDPM Indian Institute of Information Technology, Design and Manufacturing, Jabalpur

Jointly Organized by:
IIT Kanpur
NIT Warangal
MNIT Jaipur
PDPM IIITDM Jabalpur
NIT Patna

Objective & Scope

Python is not only the most popular language for learning programming, but also a preferred language for programming intelligent and data intensive systems. Moreover, it has gradually become a favorite platform for web application development. This course will first cover all the basic features of Python and will gradually move towards more advance parts of Python programming. We will show how Python can be used to solve data science and machine leaning problems with industrial perspective.

This course does not assume any prior programming experience or exposure and will be useful to anybody interested to learn programming and solving real-world programming problems.

Speakers

- Dr Amey Karkare, IIT Kanpur
- Mr A Allahbaksh, Infosys
- Dr Ashish V Tendulkar, Google Research
- Dr. Atul Gupta, IIITDM Jabalpur

Key Features

- Live online lectures sessions by subject experts.
- Online lab and training sessions.
- Course portal and access to course material, tutorials and practice notes, exercises.
- Continuous evaluation and feedback on participant's progress during the course.
- Follow up sessions and discussion forums on research problems and internships.
- Question answers and discussion in both online and offline mode.

Last Date for registration

July 20, 2021

Principal Coordinator

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Course Contents

- Introduction & Basics of Python Programming, Basic Data Types, Strings
- Decision Statements, Control Statements, Loops
- Functions, Recursion
- Lists, Tuples, Dictionaries and Sets
- Exception handling, File Handling
- Modules and Packages, Popular packages like NumPy, Pandas, Matplotlib, NLTK
- Object-oriented programming in Python
- Machine Learning with Python
- Industry Perspective of Python and Applications

Course Fee Details

Academics (student/faculty)	₹ 500/-
Industry Participants	₹1000/-
Others Indian Participants	₹1000/-
Foreign Participants	₹4000/-

Online payment details:-
Bank Name: INDIAN BANK
Account Name – EICT Academy
A/C No. : 50302042708
IFSC Code: IDIB000M694
Branch: Mehgawan, IIITDM Branch

For more details and application form visit:
https://www.iiitdmj.ac.in/ict.iiitdmj.ac.in/Autumn-2021/python-pro.html