

Joint Online FDP on Python Programming July 26 – Aug 06 , 2021

Electronics & ICT Academy IIT Guwahati



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Organized by:

IIT Guwahati

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 favourite 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 learning 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 Allahbakhsh, Infosys
- Dr Ashish V Tendulkar, Google Research
- Dr. Atul Gupta, IIITDM Jabalpur

Key Features

- Live online lectures sessions Online lab and training sessions.
- Course portal and access to course material, tutorials and exercises.
- Discussion forums on research problems.
- Question answers and discussion in both online and offline mode.

Joint Principal Coordinator

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Course Contents

- Introduction 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
- Industry Perspective of Python and Applications

Course Fee Details

Academic (student/faculty): 500 INR
Industry People : 1000 INR
Others : 1000 INR
For Foreign Academics:Rs.4000

Online payment details

Bank Name: State Bank of India
Account Name: IIT Guwahati R and D E and ICT Academy
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For application form visit: <https://eict.iitg.ac.in/UpcomingSummerCourses21.html>

Last Date for registration : July 20, 2021