Centre for e-Learning
Kerala Agricultural University

python™

Online training Programme on
Basics of Python Programming

11th - 15th February, 2025

2 PM - 5 PM

Platform: Google Meet

Who can Participate

Students, Faculty, Data Analysts, Scientists, Freelancers (Irrespective of their specialization)

Training Objectives

Day-1 Python installation & basics (Variables, data types, statements)

Day-2 Lists, dictionaries, external files, and libraries

Day-3 Numpy, Pandas

Day-4 Numpy, Pandas ,Data Visualization with matplotlib

Day-5 Data Visualization with seaborn

Participation Fee - ₹ 1000

Last date to register   07-02-2025

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ABOUT THE ORGANISING TEAM

CENTRE FOR e-LEARNING (CeL)

The Centre for e-Learning (CeL) under Kerala Agricultural University was established to provide a learning avenue for rural youth and working professionals by way of online courses viz., online certificate courses, Massive Open Online Courses (MOOCs) pertaining to agricultural technology and continuous learning by utilizing the potential and prospects of Information and Communication Technology. The CeL of KAU is hosting an agricultural information technology portal (http:// celkau.in/) which is useful for farmers, extension workers, students and all stakeholders in agriculture. Apart from these activities the Centre for e-Learning is organizing both paid and free online/offline trainings to scientific and technical professionals within and outside the country.

PURPOSE OF TRAINING PROGRAMME

Python is renowned for its simplicity, featuring a clear and uncomplicated syntax that facilitates easy learning and comprehension, particularly for beginners. The language's readability and straight forwardness make it accessible to aspiring programmers, enabling them to grasp- fundamental concepts swiftly. Python's versatility renders it applicable across various domains, making it a preferred language in industries like web development, data analysis, artificial intelligence, machine learning, scientific computing, and automation. Python's automation and scripting capabilities benefit multiple professions. Its educational value helps beginners grasp programming fundamentals effectively.

WHAT YOU LEARN IN THIS COURSE

This basic course on Python provides a comprehensive introduction to the language, covering its simple syntax, readability, and versatility. Students will be able to learn fundamental programming concepts and gain hands-on experience through practical exercises. The course explores Python's applications in data analysis and automation. It will help students discover its wide range of libraries and frameworks, empowering them to build powerful solutions. The course provides glimpses of Python's potential. This Python basic course is an invaluable starting point for aspiring developers.

Resource Persons

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