

Workshop Report

One-Day Workshop on "Python for Data Science"

Date: 23rd August 2025

Time: 9:30 AM to 4:30 PM

Venue: Lab 105

Resource Person: Dr. Anuradha V. Yenikar

Coordinator: Ms. Priyanka Nainal Kokare

Organized Under: Institution's Innovation Council (IIC) & Industry Institute Interaction Cell (IIIC)

🎯 Introduction

A one-day workshop on “**Python for Data Science**” was successfully conducted on **23rd August 2025** under the banner of **Institution’s Innovation Council (IIC)** and **Industry Institute Interaction Cell (IIIC)**. The venue for the event was **Lab 105**, and it was coordinated by **Ms. Priyanka Nainal Kokare**.

The session was led by the esteemed **Dr. Anuradha V. Yenikar**, a prominent academician and expert in data science and machine learning. The workshop aimed to provide participants with both theoretical knowledge and practical skills in Python programming for data analysis and visualization.

The event witnessed enthusiastic participation from students, faculty members, and research aspirants, totaling **[insert number]** attendees.

🕒 Workshop Schedule

The workshop was divided into two sessions for better learning and hands-on practice:

◆ Session I: 9:30 AM – 1:30 PM

The first session began with a formal inauguration and a brief introduction of the guest speaker. Dr. Yenikar initiated the workshop by highlighting the significance of Python in modern data-driven fields. Topics covered included:

- Introduction to Python Programming
- Variables, Data Types, and Control Structures
- Functions and Modules
- Lists, Tuples, Dictionaries, and Sets
- Introduction to NumPy and Pandas

- Basic Data Manipulation Techniques using Pandas

Participants had the opportunity to work directly on datasets, perform basic cleaning, and explore tabular data using Python libraries.

◆ Session II: 2:45 PM – 3:45 PM

The post-lunch session was more application-focused and included:

- Data Visualization using Matplotlib and Seaborn
- Exploratory Data Analysis (EDA)
- Plotting Graphs and Interpreting Results
- Demonstration of a Mini Project involving Real-world Data

The interactive approach encouraged participants to ask questions and engage in collaborative problem-solving. The live coding and examples presented by Dr. Yenikar made complex concepts easy to understand.

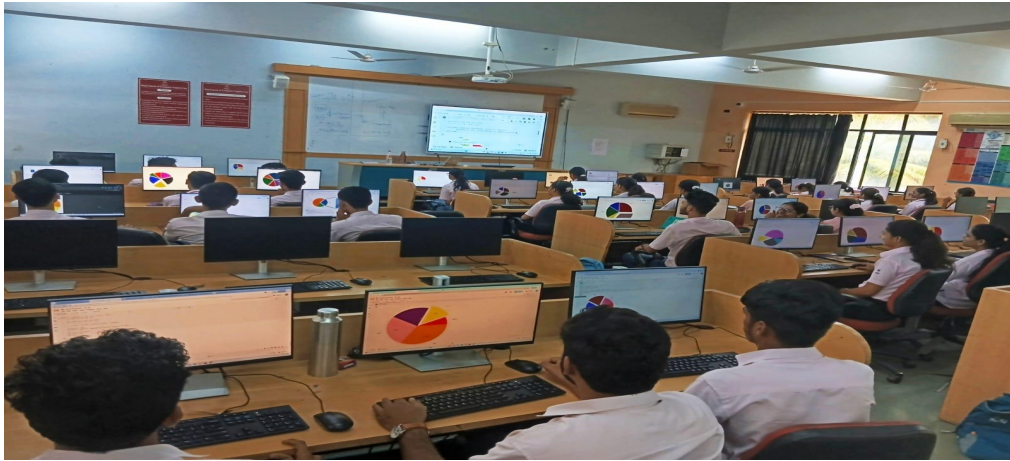
🚩 Conclusion

The workshop concluded at **4:30 PM** with a **vote of thanks** delivered by the event coordinator **Ms. Priyanka Nainal Kokare**. She extended gratitude to the resource person, organizing committee, and all the participants for making the workshop a fruitful learning experience.

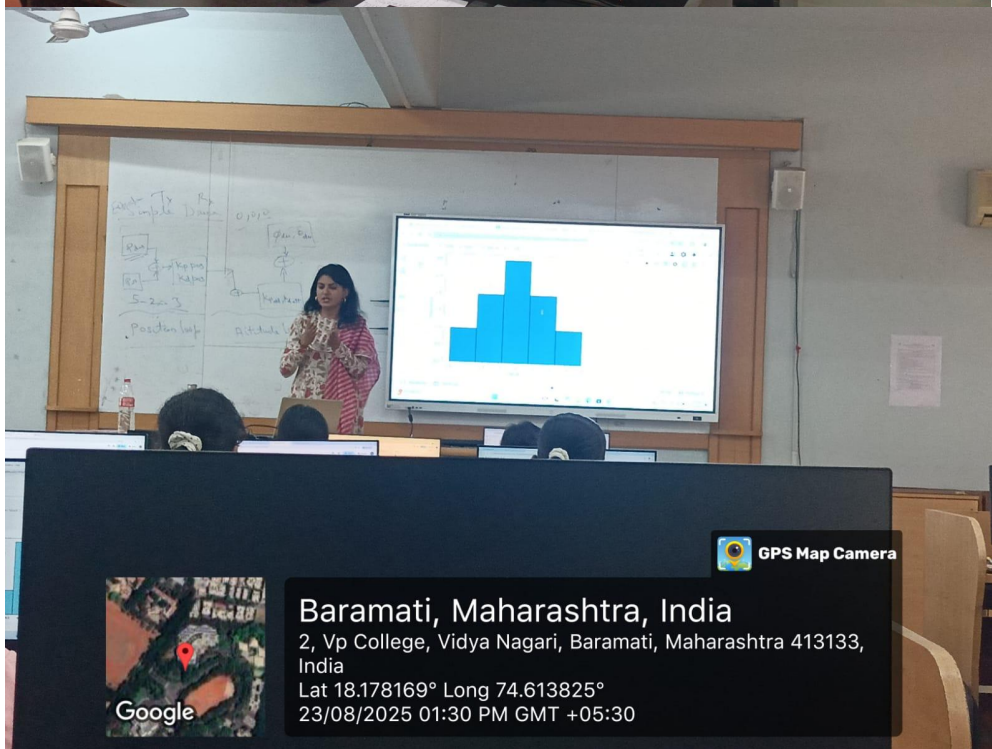
Feedback collected from participants reflected a high level of satisfaction and appreciation for the hands-on methodology and clarity of content delivery.

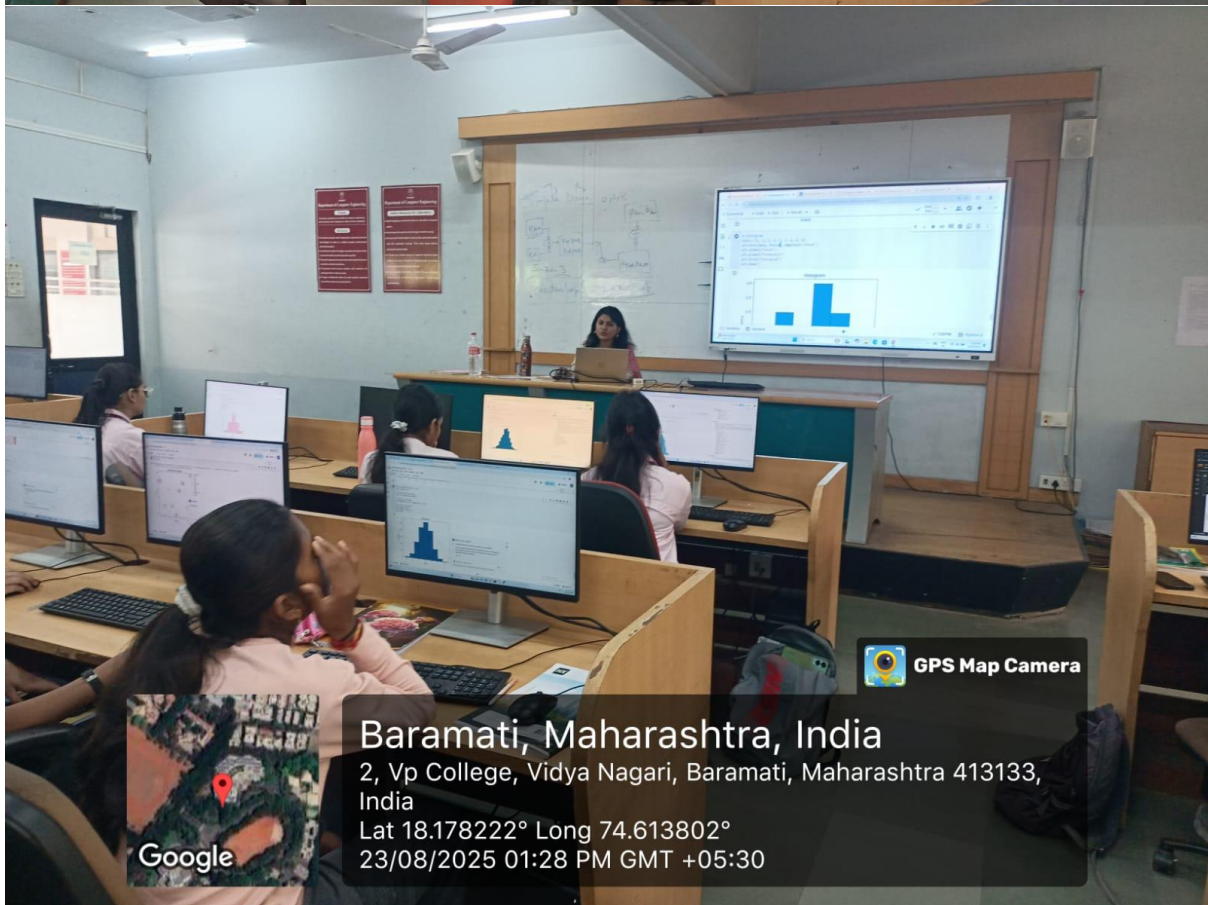
Certificates of participation were distributed, marking the successful completion of the workshop.

📷 Photographs



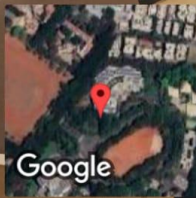
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Date: 29th August 2025