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INNOVATION & LEADERSHIP
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Add-on course on "Python Unleashed: Practical Training for Real World Applications"

Academic Year: 2024-25

Name of the Event: Add-on course on "Python Unleashed: Practical Training for Real World Applications"

Date & Time of the Event: 5th to 8th February 2025

Name of the Speaker: Mr. Yogesh Murmurkar

Designation: CEO

Name of the Company / Institution with Address: Bharat Soft Solutions, Pune

Targeted Audience: SE CE (A, B & C divisions)

Venue: Seminar Hall A-302, PPCRC

Event Coordinator: Prof. Kimi Ramteke

Number of Participants: 210

Activity Description in Nutshell: The 30-hour add-on course, Python Unleashed: Practical Training for Real World Applications, was successfully conducted from 5th to 8th February 2025 for SE students. The course aimed to provide students with hands-on experience in Python programming and its essential libraries, such as NumPy, pandas, Matplotlib, and Seaborn, for data manipulation, analysis, and visualization. To evaluate the learning outcomes, a comprehensive quiz consisting of 50 questions was administered, which tested the students' understanding of the core concepts and practical applications taught during the course.

Throughout the course, students focused on the efficient use of Python libraries for data handling and visualization. On Day 1, the course introduced students to fundamental Python concepts and libraries like NumPy and pandas, helping them understand how to manipulate and handle data. As the course progressed, students experimented with data visualization techniques using Matplotlib and Seaborn, learning to create effective charts and graphs. By the

P-14, Rajiv Gandhi Infotech Park, MIDC, Phase- I, Hinjawadi, Pune - 411 057, Maharashtra, India

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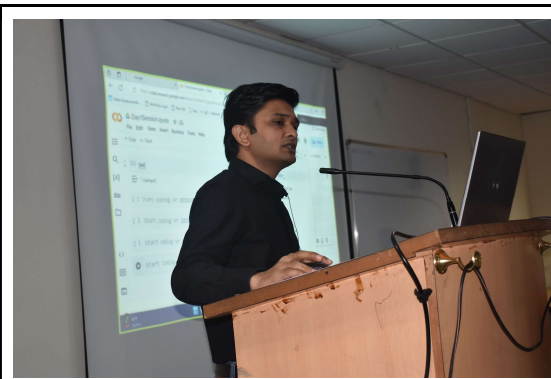
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end of Day 4, students applied their Python skills to real-world datasets, tackling data analysis tasks that are essential for further studies or industry applications.

Students demonstrated significant progress in these areas, with the quiz results reflecting their ability to handle and analyze data effectively using Python. This course has prepared students with the necessary skills to excel in data-driven fields and pursue further studies or professional opportunities in data science and analytics. As an outcome of this event, few students got selected the internship opportunities based on the task given them.

Event Photos:

Event coordinator Prof. Kimi Ramteke introducing Resource person and giving overview of Add on course objective and outcomes

Mr. Yogesh Murumkar while explaining the concepts like fundamentals of Python and libraries like NumPy and pandas

While Students listening to instruction given by Speaker and performing Hands-on

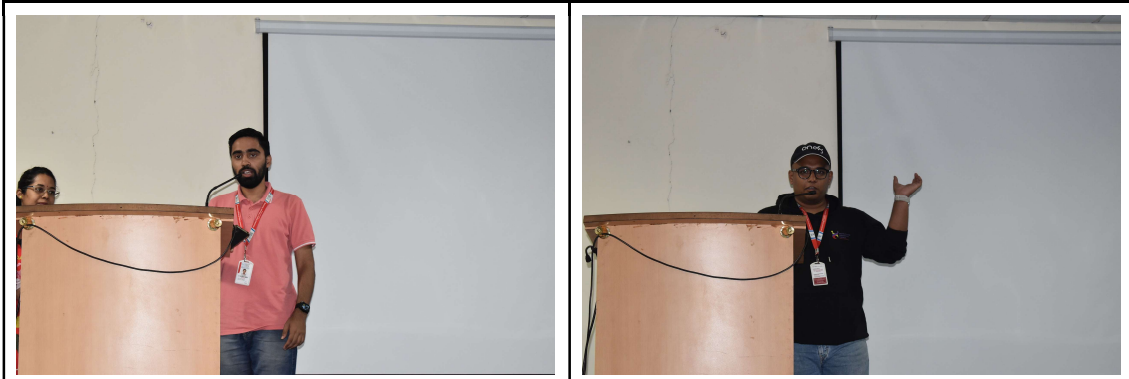**While speaker solving issues faced by students during the session**

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Students while expressing the learning experience during end of 4th day session

A group photos with Participants, front row Resource Person, HoD and Event Coordinator

Prof. Kimi Ramteke   **Dr. Ajitkumar Shitole**

Add-on & Value added course Coordinator   **Head of Department**

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