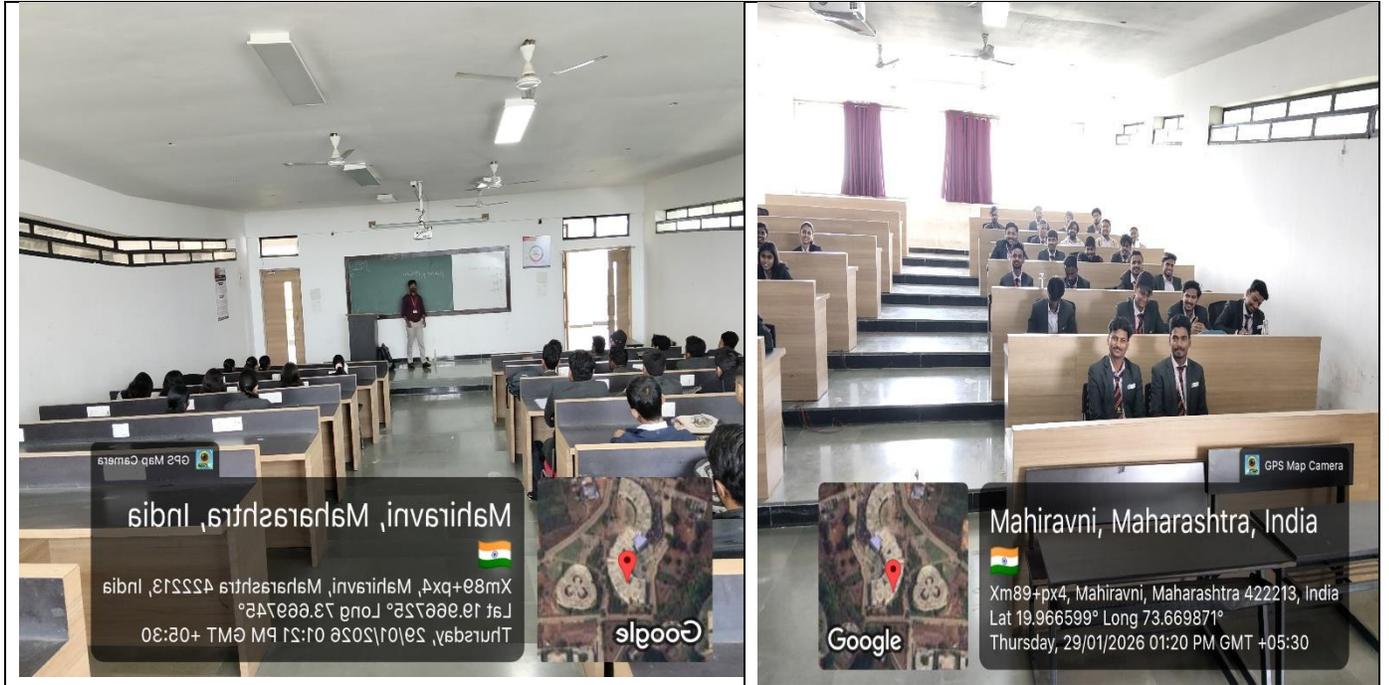


## Event Report on Expert Lecture

<b>Category of Event</b>	: Expert Lecture
<b>Title</b>	: Expert Lecture on Python for Data Science
<b>Schedule</b>	: 29-01-2025 Time- 01:00 PM –03:00 PM
<b>Venue</b>	: C5 Second Floor, ‘S’ Building.
<b>Duration</b>	: 2 Hour
<b>Organizing Department</b>	: Department of Computer Science and Application
<b>Faculty Coordinators</b>	: Prof. Hiralal Solunke, Assistant Professor, CSA, SOCSE, Sandip University, Nashik (MH), India.
<b>Total Number of Participants</b>	: 60
<b>Resource Person</b>	: Dr. Rohit Gupta, Assistant Professor, CSA, SOCSE, Sandip University, Nashik (MH), India.

The primary objective of the two-hour expert session on “*Python for Data Science*” was to provide undergraduate students with a comprehensive introduction to Python as a powerful and versatile tool for data analysis and decision-making. The session was designed to create awareness about the growing importance of Data Science across various domains such as business analytics, healthcare, finance, and research, and to highlight Python’s dominant role in this field due to its simplicity, flexibility, and extensive library support. Another key objective was to strengthen students’ programming fundamentals by explaining core Python concepts such as data types, control structures, functions, and data handling techniques that form the backbone of data analysis workflows. Special emphasis was placed on familiarizing students with essential Data Science libraries including NumPy for numerical computation, Pandas for data manipulation and analysis, and Matplotlib for data visualization, thereby enabling students to understand how raw data can be transformed into meaningful insights.



Dr. Rohit S. Gupta, Assistant Professor, CSA, SOCSE, Sandip University, Nashik (MH), India.

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1. Event File