



Sandip University, Nashik (MS), India
At Post Mahiravani, Trimbak Road, Nashik-422213, Maharashtra
<https://www.sandipuniversity.edu.in>

Expert Session on “Application of Data science using Python”

Category of Event	: Expert Lecture
Title	: Application of Data science using Python
Schedule	: 27/02/2026
	:Time- 011:00 PM
Venue	: Classroom-T-101, O Building, Sandip University, Nashik.
Duration	: 01 Hours
Organizing Department	: Department of Computer Science and Engineering, School of Computer Sciences & Engineering, Sandip University, Nashik
Faculty Coordinators	: Dr.Mohd. Muqeem, Professor : Dr Rais Abdul Hamid Khan, Professor
Total Number of Participants	: 75 Participants
Resource Person	: Dr.Sivaram Ponnusamy, Nashik

Objectives: The Department of Computer Science and Engineering, School of Computer Sciences & Engineering, Sandip University, Nashik organized an expert lecture on the topic “Application of Data Science Using Python” for the students of B.Tech CSE. The primary objective of this session was to provide students with a comprehensive understanding of the fundamental principles and practical applications of Data Science using Python. The lecture aimed to introduce essential concepts such as data pre-processing, exploratory data analysis, data visualization, statistical techniques, and the implementation of machine learning algorithms using Python libraries. The session also focused on demonstrating how Data Science techniques are applied in real-world problem-solving across various domains such as healthcare, finance, cybersecurity, and smart systems. Furthermore, the objective was to enhance students’ analytical thinking, programming proficiency, and awareness of industry-oriented tools and career opportunities in Data Science, Artificial Intelligence, and emerging computing technologies.

About the activity: An expert lecture on the topic “Application of Data Science using Python” was organized for the students of B.Tech CSE to provide practical insights into modern data-driven technologies. The session was delivered by **Resource Person: Dr. Sivaram Ponnusamy, Nashik**, who

elaborated on the complete data science workflow including data preprocessing, exploratory data analysis, visualization, model development, and performance evaluation using Python. The lecture highlighted the use of key libraries such as NumPy, Pandas, Matplotlib, and Scikit-learn, along with real-world applications in predictive analytics and intelligent decision-making systems. The session was coordinated by **Dr. Mohammad Muqeem, Professor**, and **Dr. Rais Abdul Hamid Khan, Professor**, who facilitated active participation and academic engagement throughout the program.

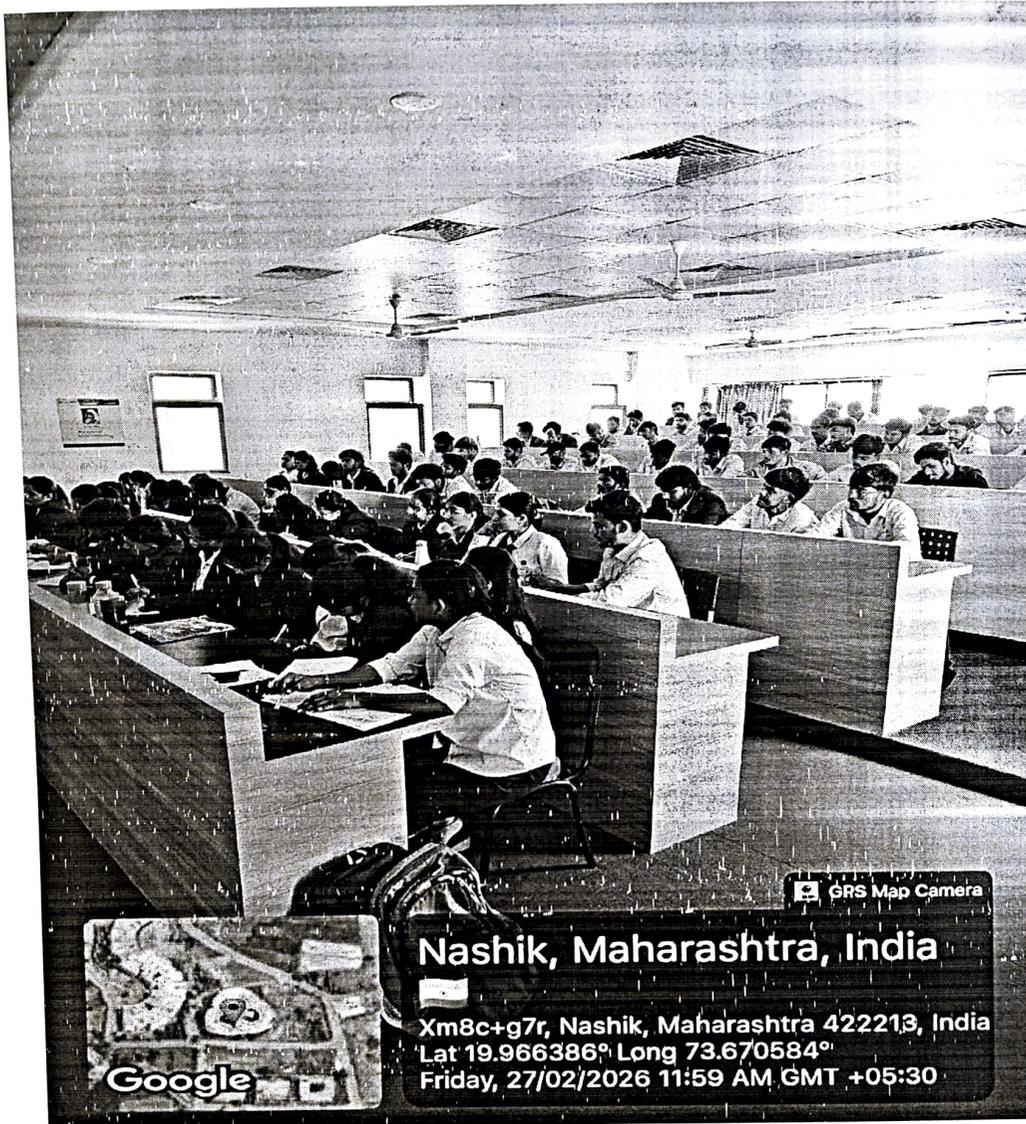
Events Photographs





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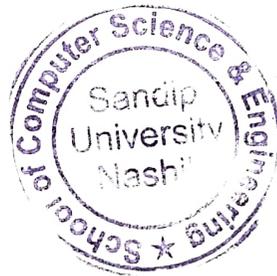
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1. Event File


Event Coordinator




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