



Krantiveer Vasantrao Narayanrao Naik Shikshan Prasarak Sanstha

LOKNETE GOPINATHJI MUNDE

INSTITUTE OF ENGINEERING EDUCATION & RESEARCH

Approved by AICTE, Accredited 'B' Grade By NAAC



AD-301

Rev-00

Activity Report

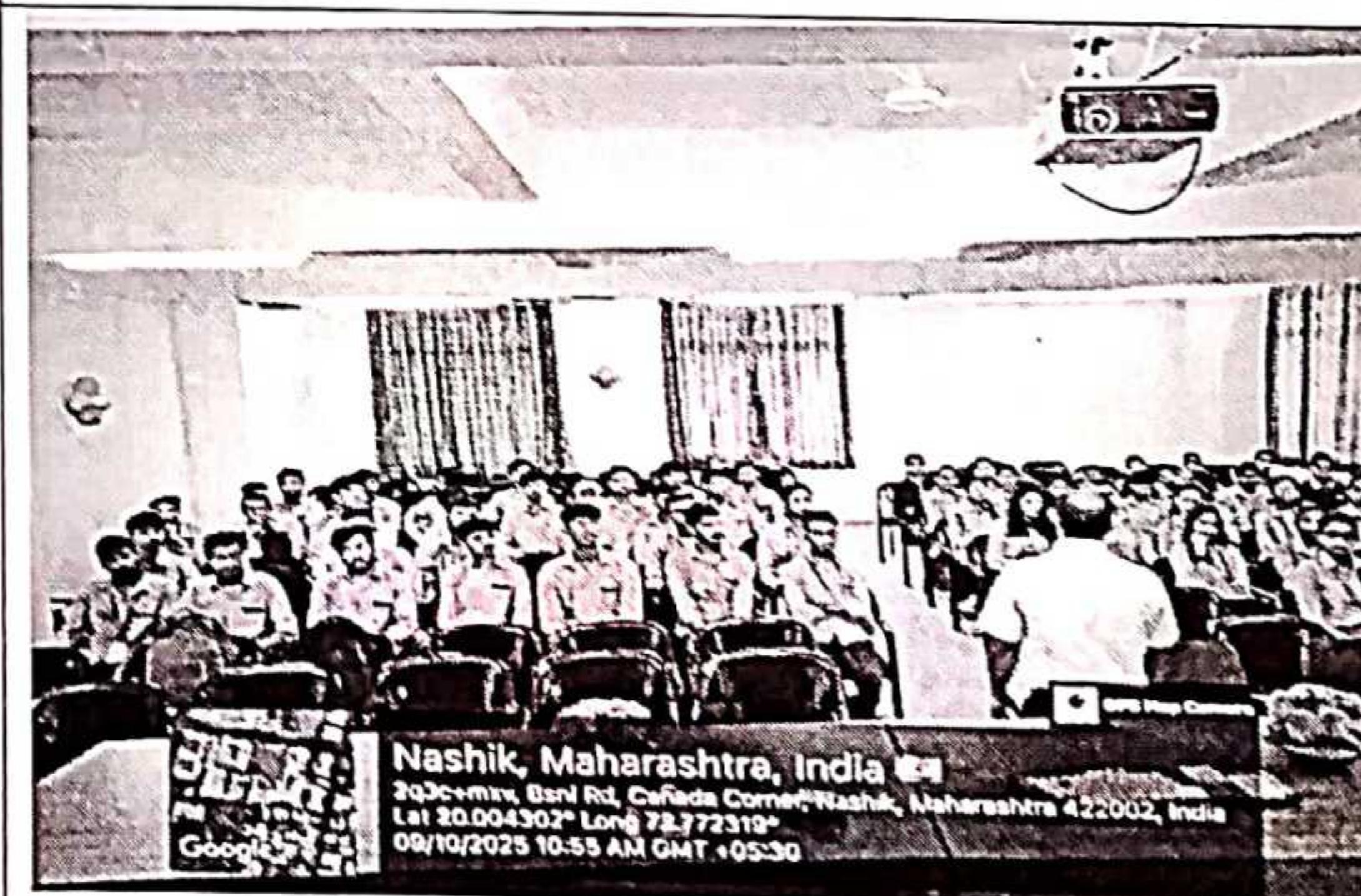
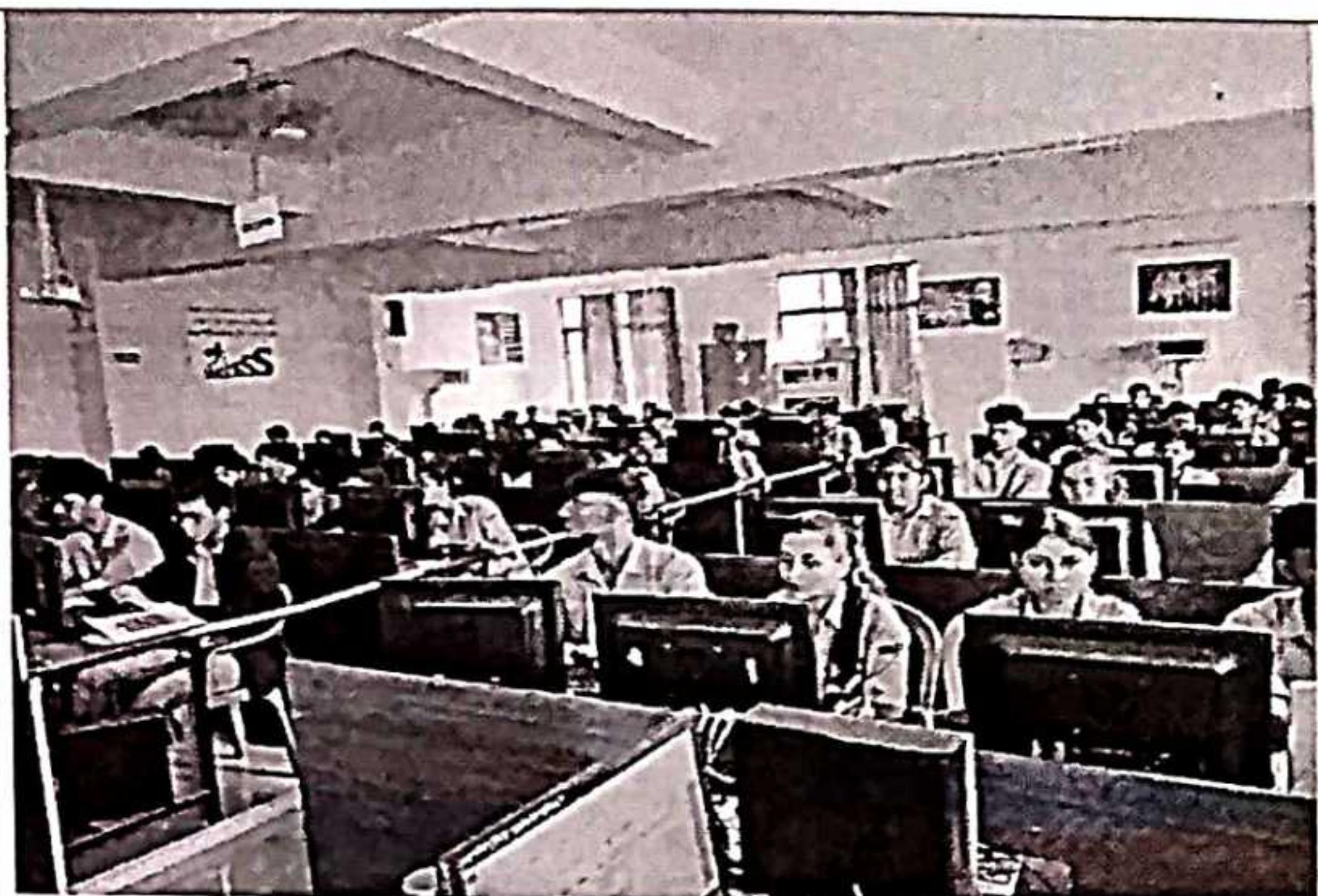
Academic Year: 2025-26

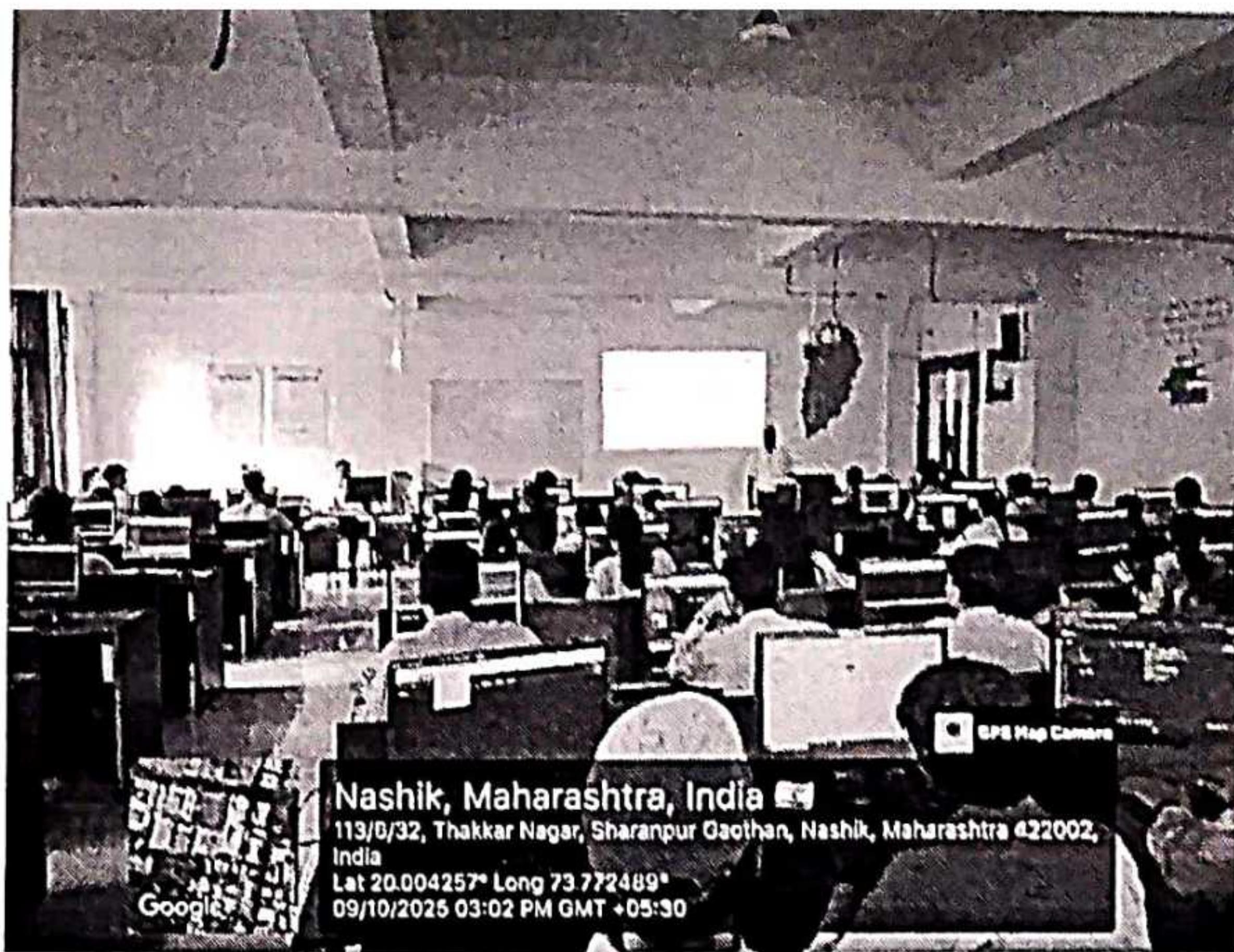
Semester: V/VII

DEPARTMENT OF COMPUTER ENGINEERING

Particulars	Description
Activity	"Data Structures Using Python"
Activity level	Department
Title	Workshop on "Data Structures Using Python"
Speaker / Resource Person	Prof. Anand Gharu
Organized by	Computer Engineering Department
Venue	Seminar Hall and Lab 321
Date & Time	9th October 2025 to 10th October 2025, 10:00 AM – 4:00 PM
Objectives of the activity	<p>To familiarize students with fundamental and advanced data structures using Python.</p> <p>To bridge the gap between theoretical knowledge and practical implementation.</p> <p>To enhance students' problem-solving and coding efficiency.</p> <p>To demonstrate the real-world applications of data structures in software development.</p>
Outcomes of activity	<p>Students gained practical exposure to implementing data structures in Python.</p> <p>Improved understanding of algorithm efficiency and time complexity.</p> <p>Ability to apply data structures to solve real-time programming challenges.</p> <p>Increased confidence in Python programming for competitive coding and placements.</p>
Targeted participants	SE,TE & BE Students
Total no. of participants,	80%
Participation %	
Content of the activity	<p>Introduction to Python basics and IDE setup.</p> <p>Lists, Tuples, Dictionaries, and Sets – internal working and</p>

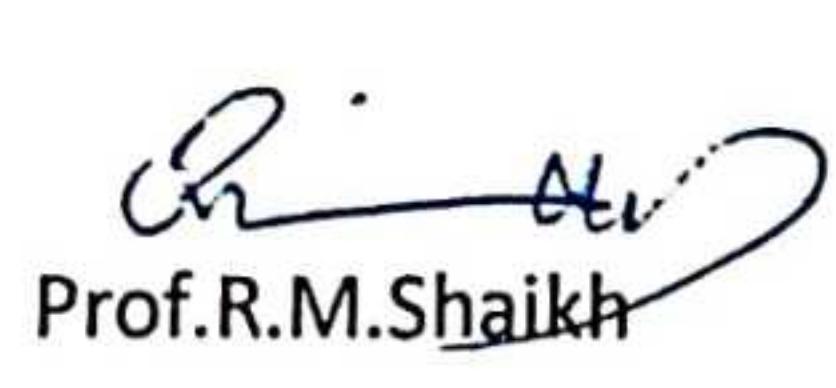
	<p>operations.</p> <p>Stacks, Queues, Linked Lists, Trees, and Graphs implementation in Python.</p> <p>Hands-on sessions on solving problems using different data structures.</p> <p>Demonstration of sorting and searching algorithms with performance analysis</p>
Relevance to POs	PO1,PO9,PO10,PO11
Relevance to PSOs	PSO1,PSO3
Methodology used	<p>Expert talk and demonstration.</p> <p>Hands-on lab sessions in Python.</p> <p>Interactive Q&A sessions and mini coding exercises.</p>
Brief Description of the Activity	<p>Problem-based learning and case study discussions.</p> <p>The Department of Computer Science and Engineering organized a two-day workshop on “Data Structures Using Python” from 9th October 2025 to 10th October 2025 at the Seminar Hall and Lab 321.</p> <p>Mr. Anand Gharu, an industry expert, delivered engaging sessions covering both theoretical and practical aspects of data structures. Students actively participated in hands-on exercises implementing various data structures and algorithms. The workshop provided valuable insights into writing efficient Python code and optimizing data-driven applications.</p>
Geo- tag photos of the Activity	 <p>Nashik, Maharashtra, India Sumati Society, Thakkar Nagar, Sharanpur Gaonhan, Nashik, Maharashtra 422002, India Lat 20.004316° Long 73.772244° 09/10/2025 10:55 AM GMT +05:30</p>





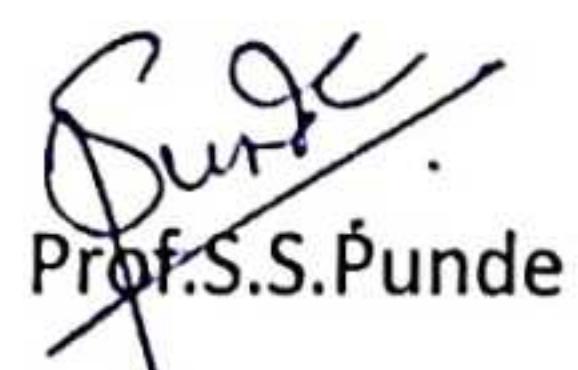
Nashik, Maharashtra, India

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India
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