Date: 23-01-2026

Academic Year: 2025-2026

Activity: One Day "**Industrial Visit"**- C-DAC: Centre for Development of Advanced Computing, Hyderabad.

Consolidated Report

The Department of Computer Science and Engineering organized an industrial visit to C-DAC (Centre for Development of Advanced Computing), Hyderabad on 23rd January 2026. The visit was planned as part of the academic curriculum enrichment program to provide students with practical exposure to real-world applications of Information Technology and Research and Development.

The industrial visit aimed to bridge the gap between theoretical knowledge and practical implementation by familiarizing students with advanced computing technologies, ongoing research initiatives, and industry-standard practices. It also helped students gain insights into current industry expectations, emerging technological trends, and potential career opportunities in the field of computer science and advanced computing.

A total of 120 III-Year CSE students and 4 faculty members, along with the coordinator, actively participated in this educational tour.

Objectives:

The main objectives of the industrial visit were:

- To understand real-time applications of computer science concepts.
- To gain exposure to advanced computing technologies.
- To learn about research and development activities at C-DAC.
- To understand industry expectations and the required skill sets.
- To interact with professionals and gain clarity on career opportunities.

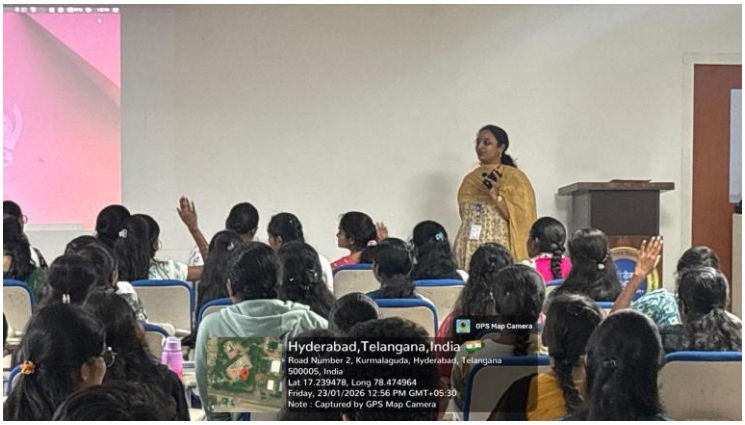
Activities During the Visit:

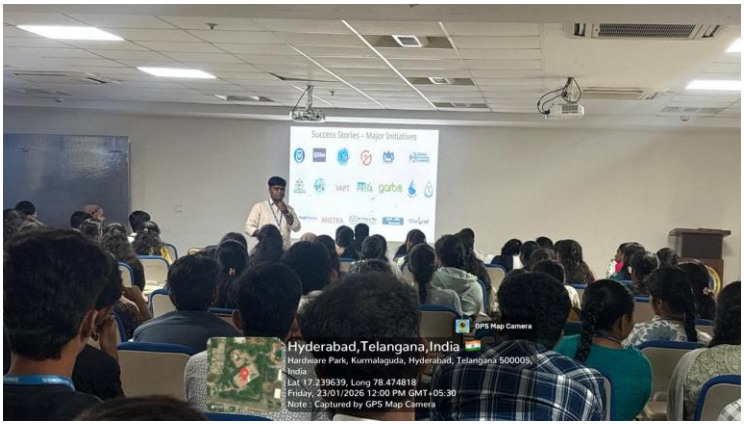
1. About C-DAC:

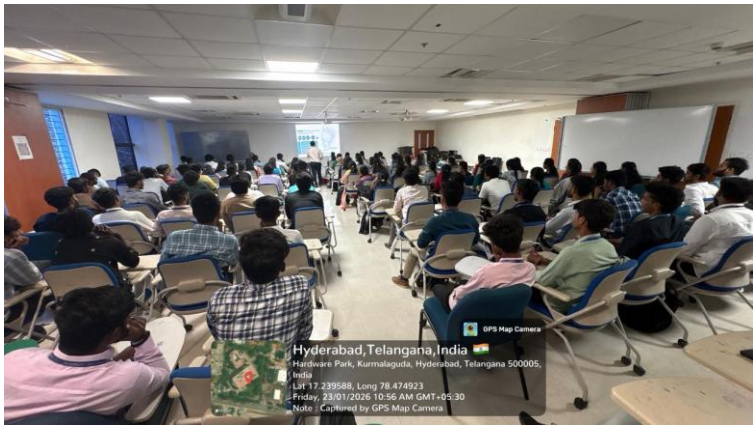
C-DAC (Centre for Development of Advanced Computing) is a premier research and development organization under the Ministry of Electronics and Information Technology (MeitY), Government of India. It focuses on high-performance computing, artificial intelligence, cybersecurity, embedded systems, healthcare technologies, and language computing solutions. C-DAC plays a significant role in the development of indigenous supercomputers and innovative technological solutions for national development.

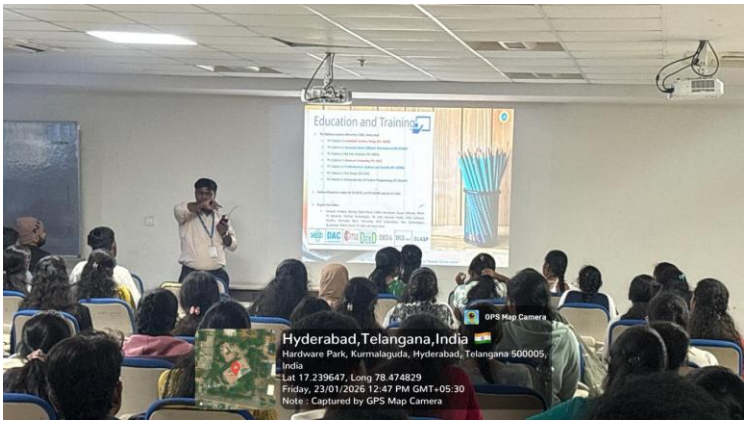
2. Orientation Session:

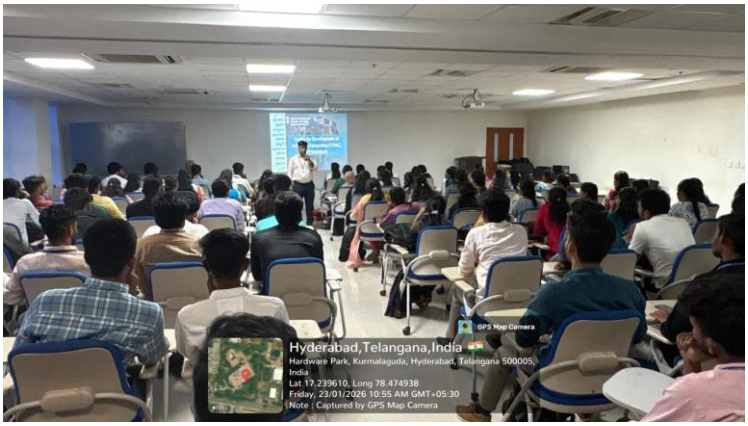
During the visit, we attended an introductory session on C-DAC and its initiatives conducted by Mr. M. Kumar and Mrs. Amrutha. We also learned about supercomputing and high-performance computing systems and understood the importance of skills such as programming, problem-solving, and teamwork..

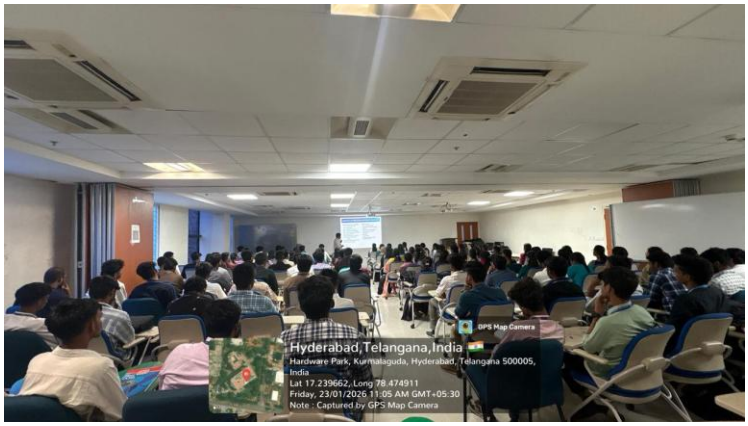












Mr. M. Kumar, Scientist, addressing and explaining key concepts to the Students

Outcome:

The industrial visit was highly informative and inspiring. It encouraged us to enhance our programming and technical skills, stay updated with emerging technologies, and focus on identifying effective solutions to both technical and non-technical problems. This emphasis on problem-solving is a key competency for engineering students.

Conclusion:

The industrial visit to C-DAC (Centre for Development of Advanced Computing), Hyderabad, on 23rd January 2026, was a successful and enriching experience for the III-Year CSE students of NNRG. The visit provided valuable exposure to real-world industrial practices and emerging technologies.

Students and Staff Group Photo with the C-DAC Team

The Department of CSE expresses its heartfelt gratitude to the officials of C-DAC for their valuable time, guidance and insightful interactions. The visit significantly enhanced students understanding of industrial environments and professional development.

FACULTY COORDINATOR **HEAD-CSE**