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REPORT
Industrial Visit to CDAC

- Submitted by: Team ENTESA
- Date of Submission: 20/09/2024
- Organised by: Team ENTESA

Activity Type	Technical Educational Visit
Activity Title	Industrial Visit to CDAC
Date(s) of Activity	9/08/2024 and 30/08/2024
Duration	11:45 AM to 3:45PM (4 hrs)
Target Audience	Third Year E&TC Students
Brief Description of the activity	The industrial visit to CDAC (Centre for Development of Advanced Computing) was organized to provide students with hands-on exposure to the world of server technology and high-performance computing. The session was both informative and engaging, giving students insights into the architecture of servers, their performance metrics, and CDAC's role in advancing computing in India. Key Highlights of the Visit: • Overview of CDAC: We were introduced to CDAC's history, focusing on its role in India's supercomputing journey. The establishment of CDAC in 1988 led to the development of India's first supercomputer, PARAM, which marked a significant milestone in the nation's technological advancement. • Technical Insights into Servers: The session covered the various types of servers used at CDAC, including their architecture, core configuration, and costing. Information about the number of cores and the processing power of servers ranging from [insert number] cores was provided, demonstrating how CDAC manages large-scale computing tasks. • Costing and Performance: The presenters detailed the cost structure of different server

4. **Exposure to Cutting-Edge Technologies:** The visit highlighted advanced technologies like high-performance computing, which broadened students' awareness of modern computing techniques.
5. **Knowledge of CDAC's National Contributions:** Students developed an understanding of CDAC's critical role in India's technological advancements, particularly in projects related to national security and supercomputing.

Photos/Video

Event Photos :-





Dr. S. A. Bhisikar
 Dr. S. D. Kale
 Prof. S.S. Chaudhari
 Prof. Dipali Chatrikar
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