

**Report: Educational Tour of CSE Students (Chandigarh-Shimla)**

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Mon, Feb 10, 2025 at 1:32 PM

**REPORT**  
**on**  
**EDUCATIONAL TOUR TO CHANDIGARH AND SHIMLA**  
**31/12/2024 to 06/01/2025**

It is with great pleasure to share the report on the Visit to Chandigarh and Shimla, under the educational tour of students. The tour was organized for 49 students of B.Tech (CSE), led by three faculty members from the Department of Computer Science & Engineering under the amicable & disciplined supervision of Dr. Mohammad Suaib, Ms. Nida Khan, and Ms. Falak Alam. The tour was accomplished during winter vacation from 31<sup>st</sup> December 2024 to 06<sup>th</sup> January 2025. The purpose of this tour was to enhance the practical knowledge of our students and to give them exposure to industry insights and recreational activities. Visits to various locations and activities performed there on, are as follow-

**1. Visit to CDAC, Chandigarh:**

During our visit to CDAC, we had the opportunity to learn about the latest technological advancements in high-performance computing (HPC), cyber security, and software development. We were given a comprehensive overview of the following areas:

- High-Performance Computing: We were introduced to cutting-edge computing systems used for simulations, weather forecasting, and data processing.
- Cyber Security: CDAC's work in enhancing India's cyber infrastructure was showcased, focusing on secure systems for government and private sectors.
- Software Development: We learned about the various software solutions developed by CDAC, particularly in sectors like health, education, and banking.
- Training and Development: Information about the various training programs offered by CDAC in emerging technologies was shared with us.

The visit was highly informative and provided us with a deeper understanding of how advanced computing is driving technological innovation in India.

**2. Visit to Shimla:**

Shimla, with its scenic beauty and cultural richness, provided a refreshing break after. Some key highlights of our Shimla visit included:

- Mall Road: Exploring local handicrafts and experiencing the vibrant culture of the region.

- Kali ka Tibba Temple: Visiting the temple and enjoying panoramic views of the city.
- Ridge and Christ Church: Learning about Shimla's historical significance during the British era.
- Natural Beauty: Visiting parks and sanctuaries like the Shimla Water Catchment Sanctuary and appreciating the region's biodiversity.

The trip also offered us valuable insights into Shimla's tourism and local industries, which are crucial for the region's economy.

Overall, the educational tour was a great success. It allowed us to blend technical learning at CDAC with cultural and environmental exploration in Shimla. We returned with not only enhanced knowledge in the field of advanced computing but also a deeper appreciation for the cultural diversity and natural beauty of India.

We are grateful to our coordinators, the staff at CDAC, and the tour guides in Shimla for their support in making this tour informative and enjoyable.

The Industrial tour successfully ended on 06<sup>th</sup> January 2025, achieving the objectives of providing practical insights, fostering team spirit, and offering a well-rounded educational experience. The students not only gained knowledge related to their field of study but also enjoyed recreational activities that contributed to their personal development. Such initiatives play a pivotal role in broadening the horizons of our students and preparing them for the challenges in their future careers.

**Glimpses of the Visit:**



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