



ATHARVA EDUCATIONAL TRUST'S
ATHARVA COLLEGE OF ENGINEERING

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ACE/CMPN/FR- 47/2023-24

DATE: 15/01/2024

Computer Engineering Department
Industrial Visit Report Inter Solar

Introduction:

On 06/01/2024, a group of 80 students from the Computer Engineering Department of Atharva College of Engineering embarked on an industrial visit to the Inter Solar Plant located in Chandigarh. The purpose of the visit was to provide students with practical insights into the field of solar energy generation and to enhance their understanding of renewable energy technologies.

Objective:

The primary objectives of the industrial visit to Inter Solar Plant were:

1. To familiarize students with the functioning and operations of a solar power plant.
2. To provide hands-on experience with solar energy generation equipment and technology.
3. To understand the importance of renewable energy sources in the current global scenario.
4. To interact with industry professionals and gain insights into the challenges and advancements in the solar energy sector.

Visit Highlights:

Introduction to Inter Solar Plant:

- The visit began with an informative session where the students were introduced to the background and history of the Inter Solar Plant.
- An overview of the plant's capacity, technology used, and its contribution to the renewable energy sector was provided.

Plant Tour:

- The students were taken on a comprehensive tour of the solar power plant, where they observed the various components involved in solar energy generation.
- The tour included the solar panels, inverters, storage systems, and monitoring/control rooms.

Interactive Sessions:

- Engaging sessions were conducted by experts from Inter Solar Plant, who shared their knowledge and experience with the students.
- Students had the opportunity to ask questions and clarify doubts regarding the technical aspects of solar power generation.

Demonstrations:

- Live demonstrations were conducted to showcase the efficiency and functioning of different solar energy systems.
- Students were able to witness the practical aspects of solar energy conversion and storage.

Q&A Session:

- A dedicated question-and-answer session allowed students to interact with professionals and gain insights into the challenges and future prospects of the solar energy industry.

Key Learnings:

- Understanding the working principles of solar power generation.
- Insight into the advancements in solar technology.
- Importance of renewable energy in sustainable development.
- Real-world applications and challenges in the solar energy sector.

Photo Gallery:







A total of 80 Students Attended this Industrial Visit.

Conclusion:

The industrial visit to Inter Solar Plant, Chandigarh, proved to be a valuable learning experience for the students of Atharva College of Engineering. It provided them with practical exposure to the world of solar energy and enhanced their understanding of renewable energy technologies. We extend our gratitude to the management and staff of Inter Solar Plant for their warm hospitality and valuable insights shared with our students.

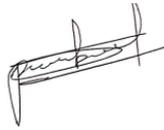
This industrial visit aligns with our commitment to providing a holistic education that goes beyond the classroom, preparing our students for the challenges and opportunities in the rapidly evolving field of renewable energy.

Acknowledgments:

We would like to express our sincere thanks to Inter Solar Plant for facilitating this insightful industrial visit and contributing to the educational enrichment of our students.



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