

Industrial Visit to Lighthouse, Pondicherry

Date of Visit: 6th and 7th August 2024

Location: Lighthouse, Pondicherry

Number of Students:

- 6th August 2024: 51 students (Section A)
 - 7th August 2024: 119 students (Sections B and C)
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1. Introduction

The industrial visit to the Lighthouse in Pondicherry was organized as a part of the curriculum to provide students with practical exposure to the workings of a lighthouse. The visit aimed to give students a comprehensive understanding of the importance of lighthouses in maritime navigation.

2. Objective of the Visit

The main objectives of the visit were to:

- Learn about the history and evolution of lighthouses.
- Understand the technology and mechanisms used in lighthouse operations.
- Observe the role of lighthouses in ensuring maritime safety.
- Gain insights into the maintenance and operational challenges faced by lighthouse authorities.

3. Details of the Visit

6th August 2024 (Section A)

- **Number of Students:** 51
- The students arrived at the Pondicherry Lighthouse at 10:00 AM and were welcomed by the lighthouse authorities. The visit began with an introductory session where the students were briefed on the history, purpose, and functioning of lighthouses. Following the session, the students were taken on a guided tour of the lighthouse. They observed the various navigational equipment, including the light source, lenses, and other technical apparatus. The lighthouse staff provided detailed explanations about the lighthouse's operations and the challenges in maintaining its functionality.

7th August 2024 (Sections B and C)

- **Number of Students:** 119
- On 7th August 2024, the visit followed a similar schedule. Due to the larger number of students, they were divided into smaller groups to ensure effective interaction during the tour. The students attended the introductory session, followed by a guided tour of the lighthouse. They were able to see the operational aspects up close, gaining a deeper understanding of how lighthouses contribute to maritime navigation. The students also

had the opportunity to ask questions and engage with the lighthouse staff, who shared their experiences and knowledge.

4. Learning Outcomes

The students gained valuable insights into the following:

- The operational principles and technology used in lighthouses.
- The historical significance and technological advancements in lighthouse construction.
- The critical role lighthouses play in maritime safety and navigation.
- The maintenance procedures and challenges faced by lighthouse authorities.

5. Feedback from Students

The students expressed their gratitude for the well-organized visit and appreciated the opportunity to gain practical knowledge. They found the visit to be educational and were particularly intrigued by the technical aspects of lighthouse operations. The interaction with the lighthouse staff was highly beneficial, providing real-world insights into the maritime industry.

6. Conclusion

The industrial visit to the Lighthouse in Pondicherry was a successful educational experience. It provided students with a comprehensive understanding of the role of lighthouses in maritime navigation. The visit highlighted the importance of integrating practical experiences with theoretical learning. We extend our sincere thanks to the lighthouse authorities for their cooperation and for making this visit an enriching experience for our students.