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ACA – R - 49	**Industrial Visit Report(CTE)**	Academic Year: 2025-26
Rev : 01		Semester: III

Institution: College of Engineering (Diploma), Indapur
Visit Location: Indapur
Industry Visited: SCHWING STETTER RMC Plant
Date of Visit: 27/09/2025
Purpose of Visit: Educational industrial visit for Diploma Civil Engineering students

➢ Introduction

The visit was organized for civil engineering students of the College of Engineering (Diploma), Indapur, to provide practical exposure to the operations of a Ready-Mix Concrete (RMC) plant. The industry selected for this visit was the SCHWING STETTER RMC Plant located in Indapur. The visit aimed to bridge the gap between theoretical knowledge and real-world application in construction materials technology, especially concrete manufacturing.

➢ SCHWING STETTER RMC Plant

SCHWING STETTER is a reputed manufacturer of construction equipment, specializing in concrete machinery. The RMC plant visited is involved in producing ready-mix concrete which is widely used in construction for its quality and convenience. The plant is equipped with advanced machinery for batching, mixing, and delivering concrete to construction sites.

➢ Objectives of the Visit

- To understand the process of manufacturing ready-mix concrete.
- To observe the various stages of concrete production and quality control measures.
- To learn about the machinery and technology used in modern RMC plants.
- To gain insights into the logistics and supply chain involved in RMC delivery.
- To enhance practical knowledge relevant to civil engineering construction practices.

➢ Details of the Visit

The visit started with an introductory session by the plant manager, explaining the history and capabilities of SCHWING STETTER. The students were then taken on a guided tour of the plant which included:

- **Raw Material Storage:** Observation of aggregates, cement, water, and admixture storage.
- **Batching and Mixing:** Demonstration of the computerized batching system ensuring accuracy in mix proportions.
- **Quality Control Laboratory:** Exposure to tests conducted on fresh and hardened concrete to ensure compliance with standards.
- **Concrete Delivery System:** Overview of transit mixers and delivery mechanisms.

The plant staff also discussed safety practices, environmental considerations, and challenges faced in the concrete industry.

➢ Learning Outcomes

- Students gained a comprehensive understanding of RMC production processes and machinery.
- Enhanced appreciation of quality control and testing methods used to maintain concrete standards.
- Realized the importance of timely delivery and logistics in construction projects.
- Developed awareness about modern construction technology and sustainable practices.

➢ Conclusion

The industrial visit to SCHWING STETTER RMC Plant was highly beneficial for the civil engineering students, as it supplemented their theoretical learning with practical exposure. The visit helped in understanding the nuances of concrete technology and its application in real-world construction projects. Such visits are essential for students to prepare for professional challenges in the construction industry.

Visit Coordinator **HOD**

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