

INDUSTRIAL VISIT REPORT

Grundfos Pumps India Private Limited, CHENNAI

Date of Visit: 13th August 2025

Department: Mechanical Engineering

Class: VII semester Mechanical Engineering

Introduction

On 13th August 2025, the students of VII Semester Mechanical Engineering (Section B) from B.S. Abdur Rahman Crescent Institute of Science and Technology visited the Grundfos manufacturing facility located in Chennai. Grundfos is a globally recognized leader in advanced pump solutions and water technology, known for its innovation and sustainability-driven approach.

Overview of the Visit

Upon arrival at the Grundfos facility, students were warmly received by the company representatives. An introductory session was conducted, providing insights into the company's history, global presence, core values, and technological advancements.

Following the briefing, students were taken on a guided tour of the manufacturing unit. The visit included observation of various stages of production such as casting, machining, assembly, and testing of pumps. The systematic workflow and precision in operations gave students a clear understanding of industrial manufacturing standards.

Students were also introduced to the quality control procedures followed by the company to ensure product reliability and efficiency.



Research and Development Insights

The visit also included exposure to the Research and Development (R&D) section, where students learned about ongoing innovations in pump technology. Emphasis was given to energy efficiency, sustainability, and smart water solutions.

Interaction and Learning Experience

An interactive session was conducted where students had the opportunity to ask questions and clarify their doubts. Discussions included career opportunities, industry expectations, and emerging trends in mechanical engineering.

Additionally, the company's initiatives in corporate social responsibility were highlighted, particularly in areas such as water conservation and sustainable development.



Conclusion

The industrial visit to Grundfos, Chennai was highly informative and beneficial for the students of VII Semester Mechanical Engineering (Section B). It provided valuable insights into real-world industrial practices and enhanced the students' understanding of manufacturing processes and technological advancements.

The visit served as an excellent platform for students to connect classroom learning with practical applications and inspired them to pursue excellence in their academic and professional careers.