



BVRIT HYDERABAD
College of Engineering for Women
Bachupally, Hyderabad – 500090
(Approved by AICTE, Affiliated to JNTUH)
(Accredited by NBA – EEE, ECE, CSE & IT and NAAC with ‘A’ Grade)

Report on Industrial visit to BHEL

Date: 23/12/2023

EEE department of BVRIT HYDERABAD organised industrial visit to BHEL for 63 students of II year EEE, along with 3 faculty members on 23rd December 2023. The purpose of this industrial visit is for students to get an idea on real life industries, for learning to go beyond their academics. Thereby students’ insights can be projected, critical thinking can be developed, and practical knowledge is obtained. Furthermore, cognitive complexity, intrapersonal/interpersonal relationship and competence is also enhanced.

Below is the brief outcome of their visit

During our industrial visit to BHEL Hyderabad, students have gained valuable insights into the manufacturing processes and technology used in the production of power generation equipment. The visit typically includes a guided tour of the facilities, allowing students to witness various stages of manufacturing and assembly.

Key highlights of an industrial visit to BHEL Hyderabad might include:

1. **Introduction to BHEL:** A presentation or session providing an overview of BHEL as a major engineering enterprise, its history, contributions to the power sector, and its role in India's industrial development.
2. **Manufacturing Units Tour:** Students are taken through different manufacturing units where they observed the production of turbines, generators, and other equipments . Students known about the Synchronous Generator of capacity 200MW .Students also gained the knowledge about the manufacturing of rotor and stator which plays a vital role in Electrical machines.
3. **Demonstration of Processes:** Students visited various stages of production, including casting, machining, fabrication, assembly, quality control, and testing procedures. This helps in understanding the intricate processes involved in manufacturing heavy engineering equipment.

4. **Safety Measures:** Emphasis on safety protocols and measures implemented within the manufacturing units to ensure a safe working environment for employees. Students have been provided helmets for our safety.

5. **Interaction with Engineers/Experts:** Opportunities for students to interact with Engineers, technicians, and experts working at BHEL. students asked questions, discussed technological advancements, and gain insights into career opportunities in the Engineering field.

6. **Focus on Innovation:** Discussions or displays showcasing BHEL's initiatives in innovation, research, and development .

An industrial visit to BHEL Hyderabad can be an enriching experience for students studying engineering, technology, or related fields. It offers practical exposure, supplements theoretical knowledge, and provides a glimpse into the real-world applications of engineering principles in a large-scale manufacturing setup.



Faculty-Incharge

HoD – EEE