



# Bhoj Reddy Engineering College for Women

(Sponsored by Sangam Laxmibai Vidyapeet, approved by AICTE and affiliated to JNTUH)  
Vinaynagar, IS Sadan Crossroads, Saidabad, Hyderabad – 500 059, Telangana. [www.brecw.ac.in](http://www.brecw.ac.in)

31 July 2023

## Report of Report on the Industrial Visit to Bharat Heavy Electricals Limited (BHEL)



An Industrial visit to Bharat Heavy Electricals Limited (BHEL) was organized by the EEE department of Bhoj Reddy Engineering College for Women on 26 July 2023, with 45 numbers of II EEE BTech students and 6 staff members (1. S Deepti, Associate Professor, HOD-EEE, 2. R Manju Bhargavi, Associate Professor, 3. S Asha Kiranmai, Associate Professor, 4. S Mayuri, Assistant Professor 5. K Rajamani, Lab Assistant and 6. K Kumar Raja, Lab Assistant).



Figure 1: During the starting of the industrial visit, Students and staff of EEE department

The visit commenced as planned, with the bus departing from our college premises at 10:00 AM and arriving at BHEL around 12:05 PM. The journey to BHEL was smooth and efficient. Upon reaching BHEL, we were warmly received by the staff from the communication and public relations department, led by Mr. GVV Siva Kumar, Deputy Engineer. The warm welcome and smooth coordination set a positive tone for the entire visit, were given a brief introduction to the company and its operations.





Figure 2: Students and staff of EEE department along with the Mr. GVV Shiva Ram, Deputy Engineer in BHEL

Upon entering the premises of BHEL, the students were divided into two smaller groups, with each group guided by knowledgeable BHEL representatives, including Mr. GVV Shiva Ram and Mr K Dhanush. The organization of the visit was commendable, allowing each group to explore different areas of interest in electrical machines (Especially Induction machines and synchronous machines, Stators, Rotors, insulation manufacture and assembly etc)) within the BHEL facility. The visit encompassed several areas of interest, including the production units, research and development labs, and testing facilities. This allowed the students to gain insights into the different stages of production, quality control measures, and the integration of advanced technologies.



Figure 3: Students and staff of EEE department along with the Mr K Dhanush at BHEL

The manufacturing units showcased state-of-the-art technology and demonstrated the company's dedication to innovation. The staff members accompanying the students provided detailed explanations of the processes, answering questions and providing valuable insights into the industry.



The research and development labs at BHEL were particularly fascinating for the students. They were exposed to ongoing projects and research initiatives aimed at developing new and improved products and solutions. The interaction with the research team provided the students with a deeper understanding of the importance of continuous innovation in the field of engineering.

The testing facilities at BHEL left a lasting impression on the students. The rigorous testing procedures employed to ensure the quality and reliability of the products were evident. The students witnessed various tests being conducted on components and equipment, further reinforcing the significance of quality control in engineering practices.



Figure 4: Students and staff of EEE department near the testing centre at BHEL

Throughout the visit, the students were highly engaged and enthusiastic, actively participating in the learning experience. They eagerly absorbed the knowledge imparted by the BHEL staff and expressed their appreciation for the opportunity to witness the practical applications of their theoretical learnings.

The visit concluded with a token of appreciation presented by the college to the BHEL representatives. The students and staff members returned to Bhoj Reddy Engineering College for Women safely, reaching back around 5:30 PM, marking the end of a fruitful and enriching industrial visit.

In summary, the industrial visit to BHEL provided the students with a comprehensive understanding of the company's operations, advanced technologies, and commitment to excellence. The opportunity to witness firsthand the various departments, production units, research labs, and testing facilities proved to be an invaluable learning experience for the students. The visit has undoubtedly inspired and motivated them to excel in their chosen field of engineering.




Figure 5: Students and staff of EEE department at BHEL

We would like to extend our sincere gratitude to the college management for supporting and encouraging such industrial visits. The exposure gained from this visit will undoubtedly prove to be beneficial for the professional development of our students.

Special thanks go to Mr. GVV Siva Kumar, Mrs Priyanka Gosh and the entire team from the Communication and Public Relations department at BHEL for their exceptional hospitality and for making this visit a memorable one.

In conclusion, the industrial visit to BHEL was a resounding success, leaving a positive impact on our students and staff. We look forward to organizing more such educational and enriching experiences for our students in the future.

#### Banner:



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### Department of Electrical and Electronics Engineering

Presents

## Industrial Visit

to



## Bharat Heavy Electricals Limited (BHEL)

II BTech EEE students

Date: 26 July 2023