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Department of Electrical and Electronics Engineering Industrial Visit Report

Industrial Visit to Dyna Electric Equipment, Bengaluru

- **Date:** 02 December 2025
- **Time:** 10:00 AM to 4:00 PM

Venue:

Dynalektric Equipment
Vaderamanchanahalli Village,
Kallubalu, Anekal Taluk,
Jigani Hobli,
Bengaluru, Karnataka

Participants

- **Class:** III Year B.E.
- **Branch:** Electrical and Electronics Engineering
- **Section:** B

Organising Body

Department of Electrical and Electronics Engineering
New Horizon College of Engineering
(In association with IEEE DEIS Student Branch Chapter)

Faculty Coordinators

- Prof. Vinod Kumar M.H
- Mr. Mega Sandesh -Lab Technician
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Industrial Visit Coordinator

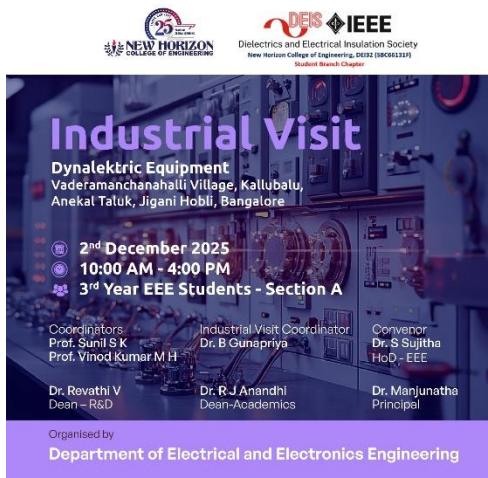
- Dr. B. Gunapriya, Professor, EEE

Convenor

- Dr. S. Sujitha, HoD – EEE

Institutional Authorities

- Dr. Revathi V, Dean – R&D
- Dr. R. J. Anandhi, Dean – Academics
- Dr. Manjunatha, Principal



Objective of the Visit

The primary objective of the industrial visit was to provide practical exposure to students by familiarising them with real-time industrial practices related to electrical equipment manufacturing, panel wiring, insulation techniques, safety standards, and quality control procedures. The visit aimed to bridge the gap between theoretical concepts taught in classrooms and their practical implementation in industry.

About the Industry

Dynalektric Equipment is a reputed organisation involved in the manufacturing, assembly, and testing of electrical panels, switchgear systems, control panels, and related electrical equipment. The company follows standard industrial practices and emphasises safety, reliability, and compliance with electrical standards.



Details of the Visit

The industrial visit commenced with a brief introduction about the company, its products, and its role in the electrical manufacturing sector. Students were guided through various sections of the industry, including:

- Electrical panel assembly units
- Wiring and termination sections
- Insulation and safety practices
- Testing and quality inspection units

Industry experts explained the functioning of different components such as contactors, relays, circuit breakers, terminal blocks, and protection devices. Emphasis was laid on industrial safety measures, proper earthing, insulation coordination, and standard operating procedures followed during panel manufacturing.

Key Learning Outcomes

Students gained valuable insights into:

- Practical implementation of electrical wiring and panel assembly
- Importance of insulation, safety, and protective devices
- Industrial standards and quality control measures
- Real-time applications of electrical and electronics engineering concepts
- Professional work culture and industrial discipline

Benefits to Students

- Enhanced understanding of industrial electrical systems
- Exposure to real-world engineering practices
- Improved awareness of career opportunities in the electrical industry
- Better correlation between theory and practice

Conclusion

The industrial visit to Dyna Electric Equipment was highly informative and beneficial for the III Year EEE students. The visit successfully fulfilled its objective of providing hands-on exposure to industrial processes and electrical equipment manufacturing. It enriched the students' technical knowledge and motivated them to apply theoretical concepts in practical scenarios.