NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade. Accredited by NBA

Department of Electrical and Electronics Engineering
Industrial Visit Report

1. Event Details

Particulars	Details
Date	15 October 2026
Time	10:00 AM – 4:00 PM
Venue	TÜV Rheinland India Pvt. Ltd., Plot No. 17B, Electronics City Phase IV, Industrial Estate, Begur Hobli, Bengaluru Rural, Karnataka – 560066
Participants	7th Semester EEE Students, Section B
Organised by	Department of Electrical and Electronics Engineering
IV Coordinator	Dr. B. Gunapriya
Faculty Coordinators	Prof. Vinod Kumar S, Prof. Ramya S, Mr. Megha Sandesh B P

2. Objective of the Visit

The industrial visit was organized to provide students with practical exposure to industrial testing, inspection, quality assurance, and certification processes. The visit aimed to help students understand the application of electrical engineering principles in industrial environments, familiarize them with safety standards and testing procedures, and bridge the gap between theoretical knowledge and industry practices.



3. About the Organization

TÜV Rheinland is an internationally recognized organization providing testing, inspection, certification, and technical services across various industrial sectors. Its services help organizations assess product safety, quality, reliability, and compliance with applicable standards. Exposure to such an organization enables engineering students to understand the importance of quality assurance, regulatory compliance, and safety in the design and manufacturing of electrical and electronic products.





4. Description of the Visit

The Department of Electrical and Electronics Engineering, New Horizon College of Engineering, organized an industrial visit to TÜV Rheinland India Pvt. Ltd., Bengaluru, for the 7th Semester EEE students of Section B on 8 October 2026.

The visit was intended to familiarize students with industrial practices followed in testing, inspection, and certification. During the visit, students had the opportunity to learn about the organization's role in evaluating product quality, electrical safety, and compliance with relevant technical standards. The visit also provided an opportunity to understand how systematic testing and inspection procedures contribute to the reliability and safe operation of electrical and electronic equipment.

The students gained an understanding of the importance of standardized testing procedures, quality management, and adherence to safety requirements in industrial applications. Interaction with industry professionals helped them appreciate the practical challenges involved in product evaluation and certification, as well as the importance of maintaining quality and reliability throughout the product lifecycle.

The visit also highlighted the relevance of industrial standards and certification practices to electrical engineers working in manufacturing, product development, testing laboratories, and quality assurance. It helped students connect concepts learned in their academic curriculum with their practical applications in professional engineering environments.



5. Learning Outcomes

The industrial visit enabled students to:

- Understand the role of testing, inspection, and certification organizations in industry.
- Recognize the importance of electrical safety, product reliability, and quality assurance.
- Gain awareness of industrial standards and compliance procedures.

- Appreciate the practical application of electrical engineering concepts in industrial settings.
- Identify potential career opportunities in testing, certification, quality control, and industrial engineering.

6. Outcome and Conclusion

The industrial visit to TÜV Rheinland India Pvt. Ltd. provided valuable industrial exposure to the 7th Semester EEE students. It enhanced their awareness of testing and certification practices and emphasized the importance of safety, quality, and compliance in engineering applications. The visit complemented classroom learning by introducing students to professional industrial practices and their relevance to electrical engineering.

The Department of Electrical and Electronics Engineering expresses its sincere gratitude to the management and technical team of TÜV Rheinland India Pvt. Ltd. for facilitating the visit. The department also acknowledges the support of the college management, faculty coordinators, and student participants in making the visit a valuable learning experience.

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