REPORT ON GUEST LECTURE

Latest Technology for Strategic Use in Electrical Engineering

Department of Electrical and Electronics Engineering
New Horizon College of Engineering

Date	27 October 2026
Time	10:30 AM – 12:30 PM
Venue	Tejas Seminar Hall
Participants	3rd Semester Students
Resource Person	Zarir Hector Sholapurwala
Designation	Chairman and Managing Director, Zeonics Systech Defence & Aerospace Engineers Pvt. Ltd.
Faculty Coordinator	Prof. Kavitha C H, Sr. Assistant Professor – EEE
Organised by	Department of Electrical and Electronics Engineering, in association with IEEE NHCE Student Branch and DEIS Student Branch Chapter

1. Introduction

The Department of Electrical and Electronics Engineering, New Horizon College of Engineering, organised a guest lecture titled “Latest Technology for Strategic Use in Electrical Engineering” on 27 October 2026 at Tejas Seminar Hall. The session was conducted from 10:30 AM to 12:30 PM for the benefit of the 3rd semester students. The programme was organised in association with the IEEE NHCE Student Branch and the Dielectrics and Electrical Insulation Society (DEIS) Student Branch Chapter.

2. Resource Person

The invited resource person was Mr. Zarir Hector Sholapurwala, Chairman and Managing Director of Zeonics Systech Defence & Aerospace Engineers Pvt. Ltd. His professional experience in the defence and aerospace engineering sector provided students with an opportunity to gain an industry-oriented perspective on the strategic application of emerging technologies in electrical engineering.

3. Objectives of the Guest Lecture

- To create awareness among students about emerging technologies and their strategic applications in electrical engineering.
- To connect foundational electrical engineering concepts with specialised industrial and engineering applications.
- To expose students to the role of innovation, technology development and interdisciplinary skills in defence and aerospace sectors.
- To motivate students to explore current technological developments and their future career opportunities.

4. Proceedings of the Session

The session focused on the importance of keeping pace with technological developments and understanding how electrical engineering contributes to strategic engineering applications. The resource person shared an industry perspective on the relevance of technology selection, engineering innovation and practical problem-solving in

specialised sectors. The interaction helped students appreciate the connection between classroom learning and real-world engineering requirements.

Students were encouraged to develop strong fundamentals, remain curious about emerging technologies and build the technical and analytical skills required to address complex engineering challenges. The lecture also provided an opportunity for students to listen to an experienced industry professional and gain insight into the expectations and applications of the engineering workplace.

5. Felicitation and Interaction

As a mark of appreciation, the resource person was felicitated by the faculty members. The programme included the presentation of mementos and books. Faculty members and students participated in the event, and the photographs document the lecture setting, felicitation and group interactions.

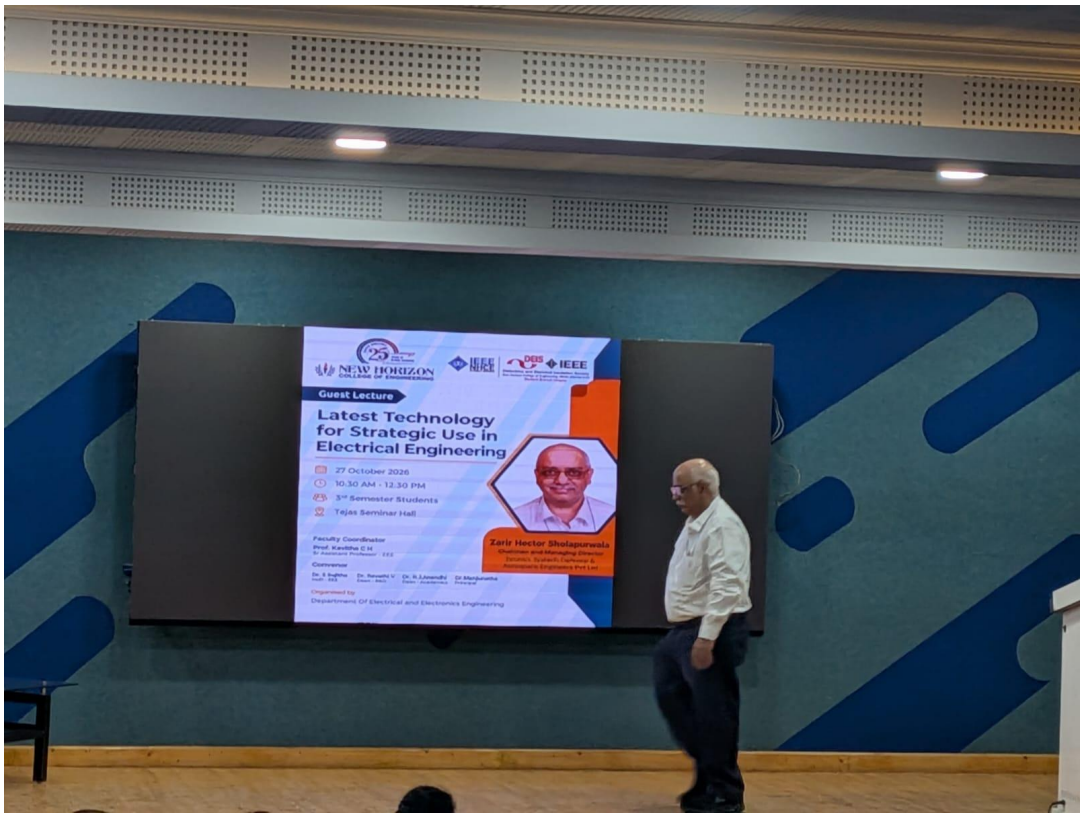
6. Outcomes of the Guest Lecture

- Students gained awareness of the strategic relevance of modern technologies in electrical engineering.
- The lecture strengthened students' understanding of the relationship between academic concepts and industrial applications.
- Students were motivated to follow technological advancements and pursue continuous learning.
- The interaction offered exposure to professional perspectives from the defence and aerospace engineering domain.

7. Conclusion

The guest lecture was an informative and enriching learning experience for the 3rd semester students. It provided valuable exposure to the strategic use of technology in electrical engineering and highlighted the importance of innovation, strong fundamentals and industry-oriented learning. The Department of Electrical and Electronics Engineering expresses its sincere gratitude to Mr. Zarir Hector Sholapurwala for sharing his experience and insights.

Photographic Documentation




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Head of the Department
Department of Electrical and Electronics Engineering
New Horizon College of Engineering
Ring Road, Kadubisanahalli, Bellandur Post
Bangalore - 560103, Karnataka, India