NEW HORIZON
COLLEGE OF ENGINEERING

TEDx Talk Report

EV Trends: Why Experts Think the Future is Still Electric

Organised by:

Department of Electrical and Electronics Engineering,
New Horizon College of Engineering in association with
IEEE NHCE Student Branch and
IEEE Transportation Electrification Council

Event Details

- **Date:** 28th March 2026
- **Time:** 03:00 PM – 04:00 PM

- **Venue:** Room B-202
- **Audience:** 8th Semester E.E.E Students (A and B Sections)

Speaker

Mr. Punith Goyal

Objective of the Talk

The TEDx session aimed to provide students with insights into the rapidly evolving field of Electric Vehicles (EVs) and to understand why experts strongly believe that the future of transportation is electric. The talk intended to bridge the gap between academic knowledge and industry trends.

Overview of the Session

The session by Punith Goyal focused on the global transition from conventional internal combustion engine vehicles to electric mobility. The speaker emphasised technological advancements, environmental benefits, and policy support driving EV adoption worldwide.

The talk also highlighted India's growing role in the EV ecosystem and the opportunities available for engineering students in this domain.

Key Highlights

- **Growth of EV Industry**
  Rapid increase in EV adoption due to environmental concerns and government incentives.
- **Technological Advancements**
  Improvements in battery technology, charging infrastructure, and vehicle efficiency.
- **Sustainability Impact**
  EVs contribute to reducing carbon emissions and dependence on fossil fuels.
- **Challenges in EV Adoption**
  Issues such as charging infrastructure, battery cost, and range anxiety were discussed.
- **Career Opportunities**
  Emerging roles in EV design, battery management systems, power electronics, and smart grid integration.

Student Participation and Engagement

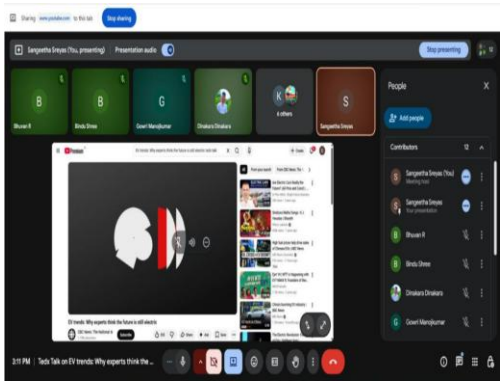
Students actively participated in the session and showed keen interest in understanding real-world EV applications. The interactive nature of the talk encouraged questions related to:

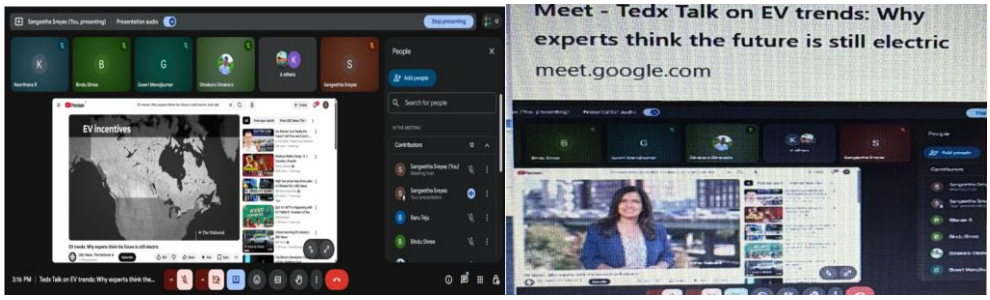
- Battery technologies
- EV charging stations
- Future job roles in EV sector

The Q&A session allowed students to clarify their doubts and gain deeper insights into the industry.

Key Takeaways

- Electric vehicles are not just a trend but a long-term solution for sustainable transportation.
- Strong interdisciplinary knowledge (power electronics, control systems, energy systems) is essential for EV careers.
- India is emerging as a key player in EV innovation and manufacturing.
- Engineers have a significant role in shaping the future of mobility.





Conclusion

The TEDx Talk on “EV Trends: Why Experts Think the Future is Still Electric” was highly informative and inspiring. It provided students with a clear understanding of the EV ecosystem and motivated them to explore opportunities in this rapidly growing field. The session successfully aligned academic learning with industry expectations and future technological developments.