

Technical Event Report:

Sustainable Mobility Workshop

1.Event Overview

Detail	Description
Event Name	Sustainable Mobility Workshop
Organized By	Tinkering Club (S&T Society, MNIT Jaipur)
Date & Time	Friday, February 19th, 2026, 4:00 PM – 7:00 PM
Location	Neeti Sabhagar, MNIT Jaipur
Turnout	110 to 120 individuals
Coordinators	Deepak Sahni Amit Parmar

In Association With: Technical Societies of MNIT

2.Introduction

The Tinkering Club, the newest addition to the Science & Technology Society (S&T Society) at MNIT Jaipur, continued its momentum with another exciting technical session! This time, we hosted **Sushil Reddy — IIT Bombay alumnus and Guinness World Record holder**, who was on an ambitious **10,000+ km Electric Car Journey across India** to promote sustainable mobility and awareness about electric vehicles.

The session, titled **“Future of Electric Mobility: Real-World EV Engineering & Sustainability Insights,”** explored the practical engineering aspects behind electric vehicles. Drawing from his extensive experience of driving EVs for over **50,000 km**, Sushil Reddy shared valuable insights on EV battery technology, charging infrastructure, efficiency challenges, and the realities of adopting electric mobility in India.

Objective

The objective of the session was to introduce students to the rapidly evolving field of electric mobility while creating awareness about both the **benefits and real-world challenges associated with electric vehicles (EVs)**. Through this interaction, the aim was to help students understand the engineering, sustainability, and infrastructure aspects that influence the adoption of EV technology. The session also focused on highlighting the environmental advantages of electric mobility, such as reduced emissions and improved energy efficiency, while discussing practical issues like charging infrastructure, battery limitations, and long-distance travel feasibility.

4. Event Highlights

The session was highly interactive and engaging, with Sushil Reddy beginning the talk by asking students a series of thought-provoking questions related to electric vehicles. Some of these included interesting trivia about EV technology, charging stations, and common misconceptions about electric mobility. These questions encouraged students to think critically about how EVs function and how the supporting infrastructure works in real-world conditions.

Sushil also explained the fundamental working of electric vehicles, particularly focusing on how EV batteries are charged, the different types of charging technologies available, and how charging infrastructure varies across regions. Drawing from his journey across multiple states during his 10,000+ km electric car expedition, he shared several real-life challenges he encountered, such as the difficulty of locating reliable charging stations and the variations in charging availability between urban and rural areas.

One of the most engaging parts of the session was the practical demonstration, where Sushil showcased his own electric vehicle and explained its charging mechanism in detail. Students were able to observe the charging setup firsthand and understand how the system operates in practice. This hands-on demonstration helped bridge the gap between theoretical knowledge and real-world engineering applications.

The session also included an interactive Q&A segment where students actively participated and asked questions about EV technology, charging infrastructure, sustainability, and the future of electric mobility in India. Sushil addressed these queries by sharing insights from his personal experiences on the road and from his work in promoting electric mobility across the country. Overall, the event provided students with valuable technical insights and practical exposure to the evolving ecosystem of electric mobility in India.

5. Sponsorships

Sponsorships: None

6. Feedback and Suggestions

The session with Sushil Reddy was highly engaging and informative, providing students with valuable insights into electric mobility and real-world EV challenges. Participants appreciated the interactive discussion and live demonstration.

The event successfully sparked interest in sustainable technologies, and the Tinkering Club looks forward to organizing more such insightful sessions

7.Pictures





**Sustainable Mobility
Workshop Tinkering Club,
S&T Society, MNIT Jaipur**