

Departmental Seminar

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Seminar Title	: Conference Return Seminar: Strategic Prioritization of EV Charging Infrastructure in India Using Utility Score Analysis
Speaker	: Manisha Biswal, Roll No – 518ce1003
Supervisor	: Dr. M. Gattu
Venue	: CE Seminar Hall
Date and Time	: 24 Feb 2025 (03:30 pm)
Abstract	: India's rapid transition to electric vehicles (EVs) is driven by government initiatives, environmental concerns, and technological advancements. A robust EV charging infrastructure is critical for sustaining this shift. Utility score analysis provides a systematic method to evaluate the effectiveness of charging stations by assessing factors such as accessibility, energy availability, and cost efficiency. This study highlights the unique challenges of deploying EV infrastructure in India and prioritizes zones for development using utility score metrics. The results emphasize the interplay between accessibility, energy availability, and operational costs in driving strategic infrastructure expansion.