

**Tomorrow's Leaders in Electric Vehicles (EEE521)
Case Studies**

Topics:

- Flagship Battery Electric Vehicles of Automotive Companies
- Flagship Hybrid Electric Vehicles of Automotive Companies
- Flagship Plug-in Hybrid Electric Vehicles of Automotive Companies
- Flagship Fuel Cell Electric Vehicles of Automotive Companies
- Environmental Benefits of Electric Vehicles
- Economic Benefits of Electric Vehicles
- Electric Powertrain Technology for Electric Vehicles
- Hybrid Powertrain Technology for Hybrid Electric Vehicles
- Battery Technology for Electric Vehicles
- Fuel Cell Technology for Electric Vehicles
- Ultracapacitor Technology for Electric Vehicles
- Ultrahigh-Speed Flywheel Technology for Electric Vehicles
- Battery Charging Technology for Electric Vehicles
- Battery Charging Standards for Electric Vehicles
- Battery Management Systems for Electric Vehicles
- Wireless Charging Technology for Electric Vehicles
- Vehicle-to-Grid Technology for Electric Vehicles
- Emerging Technology for Hydrogen Vehicles
- Analysis of Worldwide Electric Vehicle Adoption
- Analysis of Worldwide Electric Vehicle Accidents

Schedule:

- Select one topic and submit the **1st Report** by 30 October 2025.
- Select another topic and submit the **2nd report** by 15 November 2025.

Format:

- Each case study report should not be more than 5 pages (including text, figures and tables) in PDF format with no compression or protection.
- Each report adopts the IEEE Transactions format and template using MS Word (<http://www.ieee.org/web/publications/authors/transjnl/index.html>)
- Quote all sources of information properly, including books, papers, magazines and internet web sites.