



Department of Electrical and Electronics Engineering
Centre of Excellence with Sara Controls and Automation

Vision:

- To emerge as a premier Centre of Excellence in Electric Vehicle Technology, fostering innovation, advanced technical competency, industry collaboration, and sustainable mobility solutions to produce globally competent engineers.

Mission

- To impart advanced knowledge and hands-on skills in Electric Vehicle technologies through industry-oriented and experiential learning.
- To promote innovation, research, entrepreneurship, and industry collaboration for developing sustainable mobility solutions.
- To foster professional competence, ethical responsibility, teamwork, environmental consciousness, and lifelong learning in emerging transportation technologies.

Objectives

- To provide hands-on, industry-oriented training in emerging Electric Vehicle technologies.
- To promote innovation, interdisciplinary research, product development, and entrepreneurship in sustainable electric mobility.
- To enhance employability, lifelong learning, professional competency, and environmental responsibility through industry exposure and skill development.

Outcomes

- **Skill Development:**
Train and certify at least **100 students and 10 faculty members annually** in Electric Vehicle technologies.
- **Innovation and Entrepreneurship:**
Develop at least **five student projects or prototypes annually**, with at least **one progressing towards patenting, incubation, start-up development, or national-level recognition**.
- **Industry and Career Progression:**
Facilitate at least **three industry engagements annually** through internships, industrial visits, expert interactions, sponsored projects, consultancy, or recruitment opportunities.

SUSTAINABLE FUTURE

THROUGH ELECTRIC MOBILITY



DRIVING CHANGE
FOR A GREENER PLANET

4 QUALITY EDUCATION



Promoting skills and knowledge for a sustainable and inclusive future.

7 AFFORDABLE AND CLEAN ENERGY



Enabling clean, reliable and affordable energy for all with innovative e-mobility solutions.

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



Building smart, resilient infrastructure through advanced technology and innovation.

11 SUSTAINABLE CITIES AND COMMUNITIES



Creating cleaner, quieter and smarter cities with sustainable transportation.

13 CLIMATE ACTION



Reducing emissions and combating climate change for a better tomorrow.



ZERO EMISSIONS

ENERGY EFFICIENT

SUSTAINABLE FUTURE

SMART TECHNOLOGY

SAFE & RELIABLE



SUSTAINABLE FUTURE

THROUGH ELECTRIC MOBILITY

4 QUALITY EDUCATION



Empowering learners through quality education, skilling, hands-on training and lifelong learning in Electric Vehicle technologies.

7 AFFORDABLE AND CLEAN ENERGY



Promoting clean energy solutions through electric mobility, energy efficient systems and advanced charging technologies.

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



Driving innovation and research, strengthening industry collaboration and building sustainable infrastructure for the EV ecosystem.

11 SUSTAINABLE CITIES AND COMMUNITIES



Enabling sustainable and eco-friendly transportation for cleaner, smarter and more livable cities and communities.

13 CLIMATE ACTION



Contributing to climate action by reducing emissions, conserving resources and promoting sustainable mobility solutions.



CLEANER AIR



LOWER EMISSIONS



RESOURCE EFFICIENCY



ENERGY SECURITY



BETTER TOMORROW

