

Society for Smart E-Mobility

E-NEWSLETTER

OCTOBER 2026

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Message From President's Desk

Dear Members,

Greetings from SSEM!

India's EV revolution is moving from vehicle adoption towards ecosystem development. AI, connected systems, battery innovation, charging infrastructure, workforce training and new financial models are all helping shape this transition. The next stage of growth will depend on how effectively these elements work together. Reliable charging, trusted battery-health information, accessible financing and skilled technicians can help make electric mobility more practical for businesses and consumers. For manufacturers, charging operators, technology providers and policymakers, the opportunity is clear, build an EV ecosystem that delivers value throughout the entire ownership journey.

Digital technology is becoming a key part of modern electric vehicles. Artificial intelligence (AI), the Internet of Things (IoT), cloud computing and software-defined vehicle systems are changing how EVs operate and how companies manage them. AI can help monitor battery health, identify unusual temperature patterns and support predictive maintenance. These capabilities can improve safety and help extend battery life when supported by suitable data and battery-management systems.

India's EV revolution is creating business opportunities across several connected sectors. Batteries, charging networks, software platforms, financing, vehicle servicing and fleet operations now play important roles in electric mobility. Technology and infrastructure alone cannot sustain the industry. India also needs trained professionals who can design, manufacture, operate and maintain EV systems.

Tamil Nadu is accelerating its push to become India's premier electric vehicle (EV) hub under the Tamil Nadu Electric Vehicles Policy 2023, targeting ₹50,000 crore in investments and 1.5 lakh jobs through an integrated manufacturing, adoption, and infrastructure strategy. To anchor supply chains, investments exceeding ₹50 crore receive 100% SGST reimbursement or a 15%–20% capital subsidy, full electricity tax and stamp duty exemptions, and up to 50% land subsidies in southern districts, alongside ₹1.5 crore capital support for MSMEs and R&D backing. On the demand side, the state drives adoption through commercial fleet subsidies, public bus electrification, and a 100% road tax exemption for Battery Electric Vehicles (BEVs) that remains active through December 31, 2027. Building on an expansion from 150 public charging stations in 2022 to roughly 3,000 by mid-2025, October 2026 developments further reinforced ecosystem growth toward the state's 2030 target of 25,000 stations. These updates include advancing a Public-Private Partnership (PPP) rollout of 20,000 public charging stations backed by ₹50 crore in budget funding, offering 25% station capital subsidies and TANGEDCO tariff cuts, and amending the Combined Development and Building Rules to mandate EV charging wiring—and fast-charging provisions for visitor parking in larger housing projects—across almost all new residential and commercial developments.

With Best Wishes!

V Senthil Kumar

Electric Vehicle – An Update

Tamil Nadu has announced plans to set up 20,000 EV charging stations across the state. The initiative aims to strengthen electric vehicle infrastructure and support wider EV adoption. It is part of the state's long-term transport and clean energy planning.

Private Network Inroads: The regional charging fabric is growing beyond public state grids. A new **One Plug EV Fast-Charging Station network expansion** just went live, adding high-capacity charging points near key temple tourism corridors in Tamil Nadu to support intercity electric vehicle travellers.

20,000 Charging Stations: Led by the Tamil Nadu Green Energy Corporation Limited (TNGECL), the state is setting up **20,000 public EV charging stations** under a Public-Private Partnership (PPP) model. The initial phase targets 1,000 stations in major cities like Chennai, Coimbatore, Madurai, and Tiruchirappalli.

Tamil Nadu plans to install **20,000 public EV charging stations** over the next five years through a public-private partnership (PPP) model, significantly expanding the state's charging infrastructure as electric vehicle adoption accelerates.

The initiative, announced as part of the state's **₹15,828 crore energy budget**, will be led by the **Tamil Nadu Green Energy Corporation Limited (TNGECL)**. The government has allocated **₹50 crore** for the first phase, targeting around **1,000 charging stations** by the end of the current financial year before scaling up across the state.

The rollout will initially focus on **government buildings, public spaces and major highways** around Chennai, Coimbatore, Madurai and Tiruchirappalli. While the government will identify suitable locations, private companies will be selected to install, own or operate the charging stations under the PPP framework.

Residential Charging Still Needs Attention

Alongside the public charging rollout, the state has announced a **₹5 crore support scheme** to encourage resident welfare associations (RWAs) to install EV chargers in apartment complexes.

However, industry representatives note that many older residential buildings lack the space or electrical infrastructure needed for dedicated charging facilities. Unless the scheme is broadened, its benefits may remain concentrated in newer housing developments.

Read more at : https://evelectree.com/article/tamil-nadu-plans-20000-public-ev-charging-stations-heres-what-it-means-1157

Events held – October 2026

One day "Teardown Technical Workshop on Electric Vehicles" held on 23 October 2026 at Hotel KISCOL Grands, Coimbatore. Organised by SSEM jointly with Haritha Mobility Solutions



Events held – October 2026

One day "Teardown Technical Workshop on Electric Vehicles" held on 23 October 2026 at Hotel KISCOL Grands, Coimbatore organised by SSEM jointly with Haritha Mobility Solutions. Mr.Prasanthkumar Palani Chief Consultant, Haritha Mobility Solutions conducted the full day workshop.









Events held – October 2026

Mr.Prasanthkumar has brought various EV Equipment's related to EV and asked the participants to dismantle and refit it again.

40 Members Participated and benefited









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Participants of the workshop



Events held – October 2026

Shri.Katta Ravi Teja, IAS, Commissioner, Coimbatore City Municipal Corporation invited SSEM for Coimbatore EV cell workshop held on 27 October, 2026 at Hotel Taj Vivanta, Coimbatore organised by Government of Tamil Nadu





Events held – October 2026

Met

Shri Katta Ravi Teja, IAS

Commissioner of Coimbatore City Municipal Corporation, Coimbatore during the above workshop by Mr K Barathan, Treasurer, SSEM & Mr S M Manoharan, Executive Director, SSEM and explained about SSEM



Events planned – November & December 2026

- **11 November 2026 – South India Chamber of Commerce & Industry & SSEM organising a Roundtable on "Mobility & Regulations" on 11 November 2026 at RKG Hall, Second Floor, Roots Group of Companies Campus, Ganapathy, Coimbatore - Organised by SSEM**

- **27 November 2026 – Learning Mission to "IIT Madras & Raptee Motors", Chennai at 9.00am to 5.00pm – organised by SSEM**

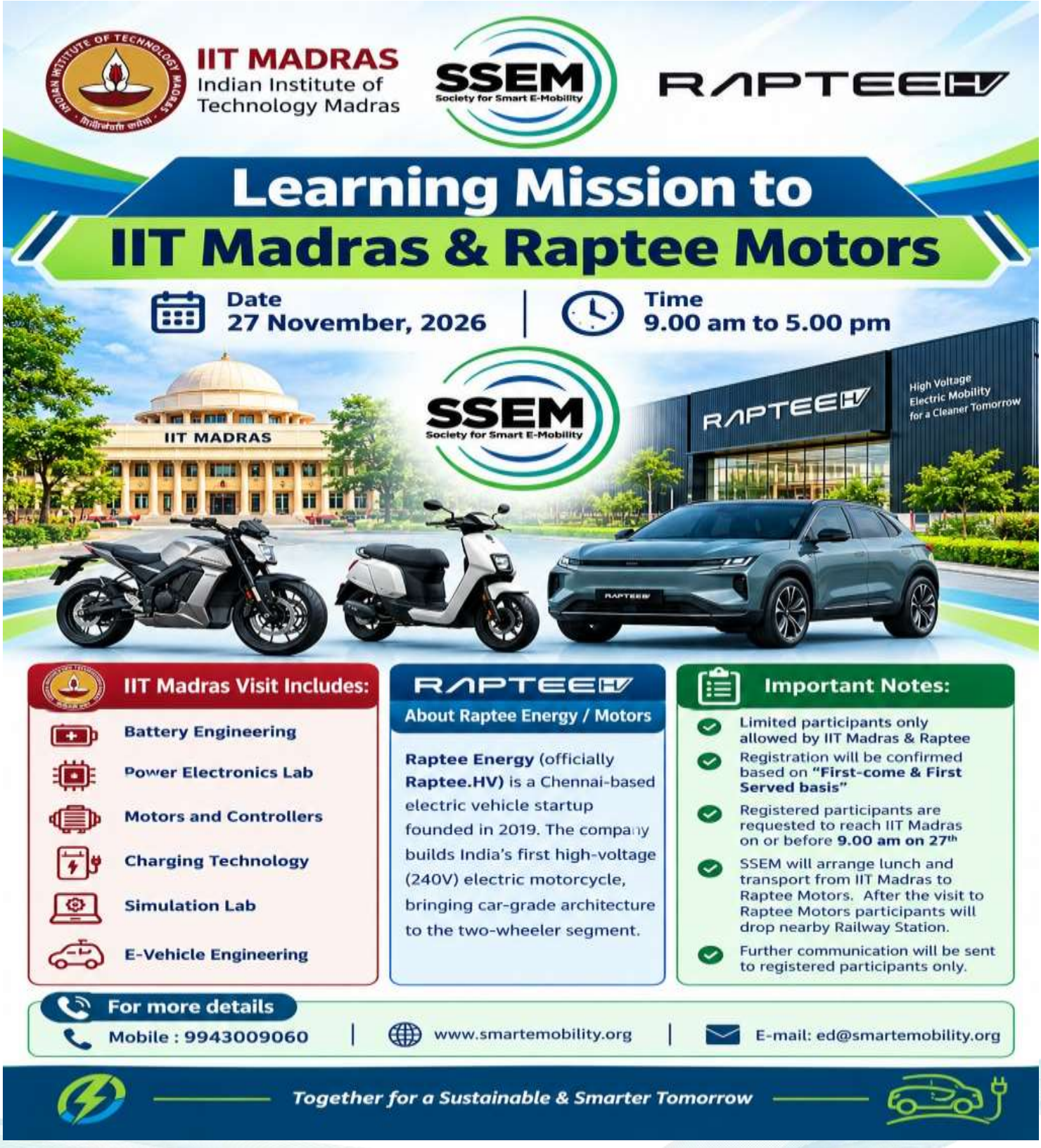
- **18 December, 2026 - Second Edition - BATCON 2026 - Conference on "Advanced Battery & Battery Technologies & Battery Management System (BMS) at KISCOL Grands jointly with The Automotive Component Manufacturers Association of India (ACMA), Southern Region.**

Events Planned – November 2026



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Learning Mission to "Indian Institute of Technology (IIT) Madras & Raptee Motors" : Chennai on 27 November 2026



Events planned – December 2026

18 December, 2026 - **Second Edition - BATCON 2026**
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& Battery Management System (BMS) "
at KISCOL Grands jointly with
Automotive Component Manufacturers Association of India(ACMA),
Southern Region



Members Enrolled – October 2026



- **Nicola Educational and Research Foundation, Chennai**
  - **Annual Member (Institution)**
- **Cadence System Design and Analysis Software India Private Limited, Pune**
  - **Annual Member (Industry)**
- **Mr.Midhun D**
  - **Lifetime Member (Individual) Coimbatore**

Members Enrolled – October 2026

Nicola Educational and Research Foundation, Chennai

The Nicola Educational and Research Foundation, a nationalized non-profit under the MCA Act 2013, emerged from the Nicola Trust in 2015, driven by values of perseverance, resilience, and compassion. We champion education as the foundation for societal growth, while our sustainable livelihood initiatives empower the marginalized with essential skills and resources. Women's empowerment, health care promotion, community development, and environmental sustainability are at the core of our endeavors.

Collaborating with government bodies and corporates, we strive to tackle pressing societal challenges through innovative solutions. The Nicola Foundation Association, currently operating in four states, is ambitiously expanding its reach across India. Our vision is a nation where individuals have unfettered access to education, healthcare, and a dignified life. With each step, we pave the way towards a more inclusive and equitable future.

Members Enrolled – October 2026

Cadence System Design And Analysis Software India Private Limited

Cadence System Design And Analysis Software India Financials is an unlisted private company in India that provides software services, engineering solutions, process automation, data management, and on-site support.

Cadence System Design and Analysis Software India Private Limited operates within the broader ecosystem of **Cadence Design Systems**, a global leader in electronic design automation (EDA), artificial intelligence, silicon-to-systems engineering, and multiphysics analysis tools (such as Allegro X, Sigrity X, and computational fluid dynamics platforms). Cadence also maintains a major presence in India through **Cadence Design Systems (India) Pvt. Ltd.** based in Noida and Bengaluru

Cadence is a market leader in AI and digital twins, pioneering the application of computational software to accelerate innovation in the engineering design of silicon to systems. Our design solutions, based on Cadence's Intelligent System Design strategy, are essential for the world's leading semiconductor and systems companies to build their next-generation products from chips to full electromechanical systems that serve a wide range of markets, including hyper scale computing, mobile communications, automotive, aerospace, industrial, life sciences and robotics.

Society for Smart E-Mobility – SSEM

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Sources:

https://humansofev.info/indias-ev-revolution-technology-charging-ecosystem/

https://acesse.one/oqmcvgf

Recent development of EV Technology in Tamil Nadu during October, 2026.