

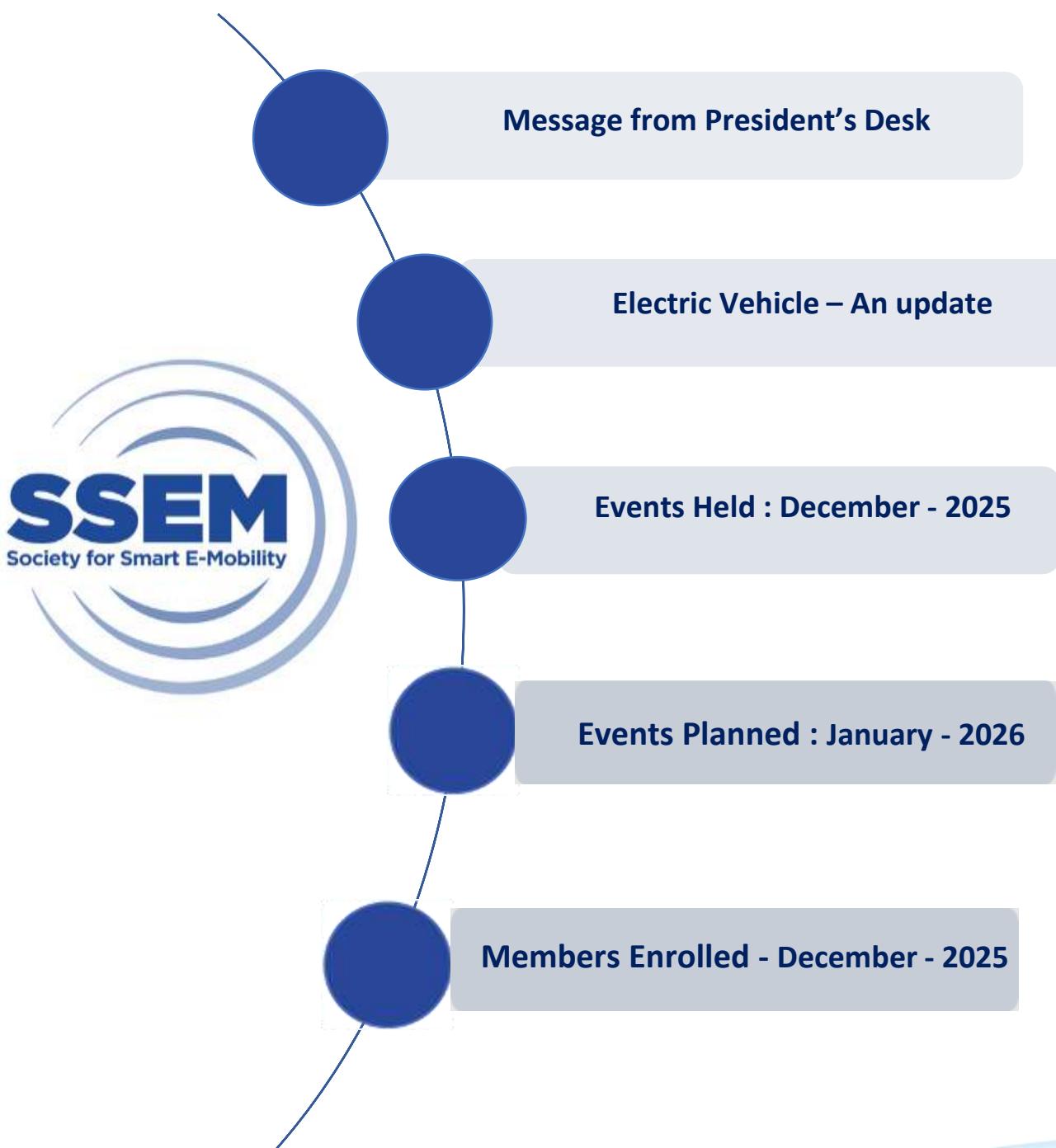


Society for Smart E-Mobility

E-NEWSLETTER

December, 2025

In this Issue





Message From President's Desk

Dear Members,

Greetings from SSEM!

We wish you a Happy & Prosperous New Year 2026!

India's electric mobility transition has accelerated rapidly, driven by strong policy support, declining battery costs, and a growing domestic manufacturing ecosystem. The country is reshaping itself from an import-dependent market into a globally competitive hub for EV production, aligned with its strategic priorities of energy security, reduced oil imports, and achieving the 2070 net-zero vision.

The shift is already visible on the ground. EV sales have surged from 50,000 units in 2016 to 2.08 million in 2024, making India one of the world's fastest-growing EV markets. India's EV penetration spans across two-wheelers, three-wheelers, passenger vehicles, and commercial fleets, with the bulk of adoption driven by affordable 2Ws and high-utilisation 3Ws that dominate urban and last-mile mobility. Passenger EVs are steadily gaining momentum, while electric buses and commercial fleets are becoming integral to public transport and logistics.

With demand and production incentives, localisation policies, and early charging infrastructure in place, India has entered a decisive phase of scale. As global supply chains realign, India stands out as one of the most attractive destinations for EV manufacturing investment.

India is evolving from an assembly-led market to a full-fledged manufacturing hub. Domestic production now spans battery packs, motors, drivetrains, power electronics, wiring harnesses, and charging equipment, supported by a rising base of component suppliers and contract manufacturers. Overall, India's EV manufacturing capability is deepening rapidly, laying the foundation for increased localisation, cost competitiveness, and integration into global supply chains.

The Tamil Nadu government has granted a two-year extension to its complete road tax exemption for electric vehicles, marking a significant boost for green transport adoption across the state. The 100 per cent tax exemption for all battery-operated vehicles, which was scheduled to expire on 1 January 2026, will now continue until 31 December 2027. This is definitely going to increase the EV proliferation in the State.

With best wishes!

V Senthil Kumar

Electric Vehicle – An Update

Year Ender 2025: EV momentum, premiumisation and engineering innovation define India's auto sector:

As 2025 draws to a close, India's automotive and mobility sector has emerged more resilient and future-focused, marked by strong premiumisation trends, deeper electric vehicle (EV) consolidation, and a growing emphasis on engineering-led innovation, according to industry leaders.

Despite global geopolitical uncertainties, supply-chain disruptions and cost pressures, the sector maintained steady growth through capacity expansion, technology integration and evolving consumer preferences, positioning India as a key long-term mobility market heading into 2026.

"The industry decisively consolidated around leaders who stayed true to core scooter values such as strength, reliability, service and quality, while intelligently blending modern electronics and connected features," Firodia said, noting that EV penetration in scooters crossed an all-time high of 16 per cent during the year.

Read more at :

https://economictimes.indiatimes.com/industry/renewables/year-ender-2025-ev-momentum-premiumisation-and-engineering-innovation-define-indias-auto-sector/articleshow/126265212.cms?utm_source=contentofinterest&utm_medium=text&utm_campaign=cppst

Events held - December – 2025

8TH Edition of “ INDIA INTERNATIONAL SHOW ” – organised by Futurex on December 05-06-07 @ Auto Cluster Exhibition Centre, Chinchwad, Pimpri-Chinchwad, Pune.
SSEM is one of the “ Supporting Association ”.



Hall No. - A

Stall No. - A55

SCAN QR FOR
VISITOR REGISTRATION



Futurex 
LET'S BUILD THE FUTURE TOGETHER

Presents

7th Edition
INDIA EV
INTERNATIONAL SHOW
Infused with E-Mobility Technology

05-06-07
DECEMBER 2025

Auto Cluster Exhibition Center,
Chinchwad, Pimpri-Chinchwad
Pune

SUPPORTING ASSOCIATION



KNOWLEDGE PARTNERS



TESTING PARTNER

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SUPPORTED BY

EDUCATION ASSOCIATION

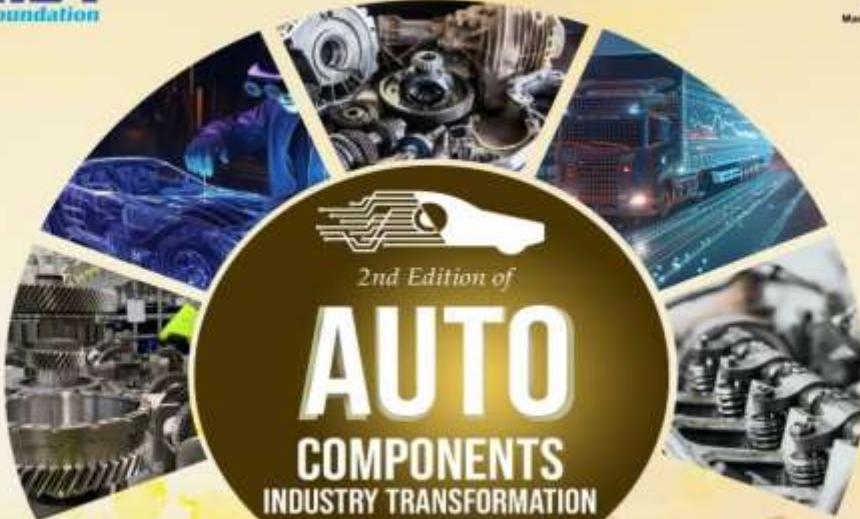
EDUCATION PARTNER

Events held - December – 2025



SSEM signed a Memorandum of Understanding (MoU) as “Supporting Association” on 19TH December, 2025 for the exhibition – “RE Vehicle Expo 2026” organized by CODISSIA coinciding with 8th Edition of Elektrotec 2026 scheduled from 21st to 24th August, 2026 at CODISSIA Trade Fair Complex, Coimbatore

Events Planned - January – 2026



ACMA
Mobility Foundation

imtma
Indian Machine Tool
Manufacturers' Association

2nd Edition of
AUTO
COMPONENTS
INDUSTRY TRANSFORMATION
SUMMIT 2026

Jointly Organized by ACMA & IMTMA
Annual Member

20th January 2026, TAJ Yeshwantpur, Bengaluru

Summit Highlights

Keynote Address | Panel Discussion | Networking Session

Panel Topics

- New Age Manufacturing Technologies for Auto Components Industry Transformation – Strengthening Supply Chain at Tier II & Tier III Levels
- Light Weight Materials and Adoption of Hybrid Machining Processes for Auto Components
- Sustainability Practices – Pathway for Indian Auto Component Industry
- The QUAD – Industry, Academia, Government & Startup ecosystem can Accelerate India's Skill Readiness for Automotive Transformation


Scan to Register

Gold Partner: **MARPOSS** | Silver Sponsor: **ISGEC** | Supporting Association: **SSEM** | Official Media Partner: **MOTOR** | Media Partners: **MOTORINDIA** | MotorIndia

For Delegate Registration & Sponsorship :
Ms Sumathi | M: 9962112050 | E: acmasr@acma.in

Kindly confirm your Participation through the below link :

<https://appmechs.com/ACMA/conferenceDetail>

Events Planned - January - 2026

MARSILLI



VIT
CHENNAI

15
VIT CHENNAI

Supporting Association



Connect with us and
the technologies at the

CONCENTRATED WINDING DAY

**AUTOMOTIVE (ICE + EV)
MOTOR + COIL APPLICATIONS**

» Jan 21st, AGENDA

VIT Chennai Campus

Presenters:

VIT Chennai Academic leadership,
ACMA and SSEM representatives,
CXOs from automotive and motor
manufacturing companies, Tier-1
suppliers

8:30 AM: Registration opens
9:30 AM: Welcome and introductions
9:45 AM: Presentation session + Coffee break
11:30 AM: Machine Demo
12:30 PM: Lunch
2:00 PM: Presentation session
2:35 PM: Live streaming (Marsilli HQ)
3:15 PM: Presentation session + Coffee break
4:30 PM: Panel Discussion
5:00 PM: Presentation session 4 (Closing)

Register here



Kelambakkam - Vandalur Rd, Rajan Nagar,
Chennai, Tamil Nadu 600127, India

Events Planned January - 2026

Visit to Indian Institute of Technology (IIT), & Fluid Control Research Institute (FCRI), Palakkad on 23rd January, 2026



The banner features logos for IIT Palakkad, SSEM, and FCRI. The text reads: "Learning Mission to Indian Institute of Technology (IIT) & Fluid Control Research Institute (FCRI) PALAKKAD 23 January 2026 | Friday | 0930 Hrs - 1730 Hrs".

IIT facilities for EV		FCRI facilities for EV	
IIT Palakkad offers extensive facilities for EV/component manufacturers, including advanced Materials & Manufacturing Labs (Metal AM, testing), Electronics Labs (Power Electronics, DSP, FPGAs, microcontrollers), Instrumentation & Fabrication (Cleanroom, lithography, sputtering, probe stations), Computational tools (HPC, MATLAB/LabVIEW), and Control/Robotics setups, supporting R&D from component design to system integration, focusing on areas like batteries, power electronics, and advanced materials for electric mobility"		Fluid Control Research Institute (FCRI) (under India's Ministry of Heavy Industries) provides crucial testing and calibration for fluid/flow systems, the primary support for EV manufacturers & component makers comes from government schemes like FAME-II, PLI for Auto & Auto Components, and the new PM E-DRIVE Scheme, offering financial incentives, demand incentives, and pushing localization (PMP) to build a strong domestic EV ecosystem, focusing on batteries (ACC PLI) and advanced automotive tech.	

To defray the administrative expenses, the following delegate fees will be charged:

Delegate Fee (Per Participant)		
Category	SSEM Member	Non - Member
Industry & Institution	Rs 2000/-	Rs 3000/-
Student	Rs 1000/-	Rs 1500/-

Notes:

- 1) Limited participants only allowed by FCRI & IIT, hence the registration will be confirmed on "First - come : First Serve" basis only
- 2) Participants are requested to reach Roots Group of Companies Campus, RKG Industrial Estate, Ganapathy by 0800 hrs
- 3) Coach will depart from Roots at 0810 hrs
- 4) Since parking facilities are limited at Roots, participants are requested to arrange safe parking of their vehicles outside Roots or Elsewhere nearby.
- 5) Further communications, will be sent to registered participants only

Scan to Register



For more details:
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info@smartemobility.org /
ed@smartemobility.org

Members Enrolled – December – 2025



- ❖ **Mr R Chithambaran** – **Lifetime Member**
- ❖ **CUFI Mobility Consulting Pvt Ltd
(MobilityNxt)** – **Annual Member**
- ❖ **EDS Technologies Pvt Ltd.,** – **Annual Member**
- ❖ **M N Technologies Pvt Ltd** – **Annual Member**

Members Enrolled – December – 2025

1. CUFI Mobility Consulting Pvt Ltd (MobilityNxt) :

CUFI Mobility Consulting Pvt Ltd is a funded company based in Chennai (India). It operates as a Provider of electric vehicle engineering skills training and professional development.



Provider of electric vehicle engineering skills training and professional development. The organization offers courses for engineering students and practicing engineers. It delivers training through online modules, in-person workshops, and lab-based experiences. The company also provides engineering staffing and expertise in electric mobility.

2. EDS Technologies Pvt Ltd., :



EDS Technologies is specializing in technologies for product design, simulation, 3D printing, Electronic Design Automation (EDA), geo-spatial analytics, and Commercial Off-The-Shelf (COTS) Visual Simulation, the company delivers innovative solutions to address critical challenges. Through strategic partnerships with global leaders like Dassault Systèmes, Synopsys, EOS, Esri, MAK, and others, EDS Technologies serves sectors including manufacturing, electronics, R&D, life sciences, and government. With a consulting arm that optimizes product lifecycle and digital operations, the company supports clients in deploying cutting-edge solutions. With over 2,000 customers worldwide in automotive, aerospace, electronics, industrial equipment, and medical devices, EDS Technologies is committed to helping businesses innovate and achieve sustainable growth through technology.

Members Enrolled – December – 2025

3. M & N Auto Technologies Pvt Ltd :

MN Auto Technologies Pvt. Ltd is a leading manufacturer of electrical products for Automotive Applications. It is a distinguished company engaged in catering to the Original Equipment Manufacturers (OEMs), Public Sector Undertakings (PSUs) and International Export Markets. We have a very formidable name and presence in Pan India Automobile Aftermarket for the last 30 years with the Brand name of 'SUPER" and strong presence in International Markets like Dubai, Mauritius, Indonesia, South Africa, US, Russia, Japan etc and we are expanding our presence rapidly across the Globe.



We have a Manufacturing Plant equipped with skilled professionals that supports efficiency, quality assurance, and continuous development in a secure and professional environment. We have 15 Warehouses over 55,000 Sqft with modernized racking & systems to ensure error free dispatch.

Our OEM Customers include 2 wheelers, 3 wheelers, LCV, HCV, Electric Buggy, Agricultural machinery, Construction Equipment, Defense vehicles & more.

Our Key Products include USB Chargers, Buzzers, Flashers, Relays, Wiring Kits, Dimmer Switch, Combination Switch Lamps like i.e. Headlights, Tail lights, Beacon Lamp, Number Plate Lamp, Signalling Lamp, Decorative Lamp etc both in 12V/24V. We have an Inventory of 570+ different lights in our range. We are also working on IATF certification, which will be received shortly.



Society for Smart E-Mobility – SSEM

For more details, you may reach us @

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LinkedIn - <https://www.linkedin.com/company/society-for-smart-e-mobility/>

Instagram - www.instagram.com/ssemobility/?hl=en

Sources:

<https://www.investindia.gov.in/team-india-blogs/inside-indias-ev-manufacturing-ecosystem-key-investment-trends-government-policies>

<https://ackodrive.com/news/tamil-nadu-extends-ev-tax-exemption-until-2027-to-accelerate-green-transport>