



SOCIETY FOR SMART E-MOBILITY

E-NEWSLETTER

JANUARY - 2026

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Message From President's Desk

Dear Members,

Greetings from SSEM.

India's electric vehicle (EV) transition has clearly moved beyond experimentation and entered a phase of execution. To reduce emissions and oil imports is today becoming a strategic industrial opportunity. EV adoption is no longer niche. In the last year alone, India sold well over two million electric vehicles across segments, and EVs now account for a meaningful share of new registrations in urban two-wheeler and three-wheeler markets. Electric buses are operating at scale in multiple cities, and fleet electrification is becoming commercially viable

India has moved beyond assembling imported kits, but global competitiveness depends on technology ownership. Key components such as battery cells, motors, power electronics, chargers and vehicle control systems still attract relatively high taxes and duties, locking up capital that should instead be invested in localisation and R&D. Battery cells remain the most important structural gap. While pack assembly is now largely localised, cell imports continue to dominate, exposing OEMs to currency risk and supply volatility. The PLI programme for advanced battery manufacturing is directionally correct, but it must remain aligned with vehicle demand, scalable chemistries and commercial viability. The Budget should also push investments in recycling, second-life applications, materials processing and alternatives such as magnet less motors to reduce dependence on rare-earth imports. Indigenisation is not about where parts are assembled; it is about where intellectual property and system design reside.

Tamil Nadu strengthened its position as India's premier electric vehicle (EV) manufacturing hub, driven by major policy extensions, surging production, and the arrival of new global players. Key developments in January 2026 included the extension of tax exemptions until 2027, robust production growth from major OEMs, and the official inclusion of EV leadership in the state. Tamil Nadu government extended the 100% road tax exemption for all battery-operated vehicles (transport and non-transport) for two more years, from January 1, 2026, to December 31, 2027.

With Best Wishes!

V Senthil Kumar

Electric Vehicle – An update

Customs duty exemption on Lithium batteries to aid EV infra creation : Industry

Indian Government is extending customs duty exemptions for capital goods used in lithium-ion battery manufacturing. This move aims to build a strong electric vehicle ecosystem. These measures support domestic EV production and affordability. Customs duty exemption on goods used to produce lithium batteries would enable creation of a robust electric vehicle infrastructure in the country, automobile industry.

Finance Minister Nirmala Sitharaman, while delivering Budget speech, proposed to extend the basic customs duty exemption given to capital goods used for manufacturing lithium-ion cells for batteries, to those used for manufacturing lithium-ion cells for battery energy storage system too.

“Continued exemption of basic customs duty on capital goods used for manufacturing lithium-ion batteries, along with the extension of concessional duty benefits for lithium-ion cells and their parts used in manufacturing batteries for electric and hybrid vehicle for a further two years till March 2028, will enable creation of a robust EV ecosystem in the Country,”.

The union Budget 2026-27 continues to focus on long-term, sustained economic growth with a strong emphasis on manufacturing, infrastructure including freight corridors and water ways and fiscal prudence.

“The decision to raise the capital expenditure target to Rs.12.2 Lakh crore for 2026-27 from Rs.11.2 lakh crore in the current year will provide a strong impetus to demand creation and industrial activity, including the automobile sector,”.

The allocation of 4,000 e buses for the Purvodaya states will accelerate the transition towards sustainable public mobility solutions.

Better highways and improved intercity connectivity have historically driven luxury car demand in India.

The startup also appreciates the REPM scheme’s emphasis on critical mineral recycling, reinforcing a circular economy and enhancing sustainability across the E-Mobility value chain.

Read more at :

https://auto.economicstimes.indiatimes.com/news/auto-components/customs-duty-exemption-on-lithium-batteries-to-aid-ev-infra-creation-industry/127841820?utm_source=copy&utm_medium=pshare

Events held – 20th January - 2026

Auto Components Industry Transformation Summit 2026 – jointly organized by Automotive Component Manufacturers Association of India (ACMA) and Indian Machine Tool Manufacturers' Association (IMTMA) held on 20th January 2026 at Taj Yeshwantpur, Bengaluru. SSEM – one and only “Supporting Association” of the above Summit. Two of our active members addressed the session



Events held – 20th January - 2026

**SSEM Active member EDS Technologies Pvt Ltd
Mr Srikumar Maganti, Senior General Manager addressing
one of the technical session**



**SSEM Active member Hexagon
Mr Santosh Ner, Director, Business Development
addressing one of the technical session**



MARSILLI

 **VIT**
CHENNAI | **15**
VIT CHENNAI

Supporting Association
 **SSEM**
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

Marsilli India Pvt Ltd & Vellore Institute of Technology (VIT) celebrated “Concentrated Winding Day” on 21 January, 2026 at VIT Kelambakkam, Chennai. SSEM is one and only “Supporting Association” of the event.

Events held - 23 rd January - 2026

23rd January 26 “Learning Mission to Indian Institute of Technology (IIT) & Fluid Control Research Institute (FCRI),Palakkad”. Participants assembled at Roots Campus,Coimbatore.



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23rd January 26 “Learning Mission to Indian Institute of Technology (IIT) & Fluid Control Research Institute (FCRI),Palakkad”. Participants assembled at Roots Campus,Coimbatore.



Events held – 23rd January - 2026

Participants at Indian Institute of Technology @ Palakkad



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Events held – 23rd January - 2026

Participants at Indian Institute of Technology @ Palakkad



Events held – 23rd January - 2026

Participants at Fluid Control Research Institute @ Palakkad



Events held – 23rd January - 2026

Participants visiting to LAB at Fluid Control Research Institute @ Palakkad





The poster for the EV Update Tamil Nadu Summit 2026 features a dark blue background with a map of Tamil Nadu in the center. The map is populated with various electric vehicles (cars, buses, and trucks) and charging stations. The text is white and green, providing details about the event. Logos for 'POWERED BY EV Update Media' and 'SUPPORTING SSEM' are visible in the top corners. A QR code is located in the bottom right corner.

POWERED BY
EV Update Media

Update
Tamil Nadu Summit
2026

SUPPORTING
SSEM

A business conference for the Electric Vehicles & Battery ecosystem
in Tamil Nadu, India
*It is a closed-door event designed and conceptualised only for the CXOs, Founders and Decision
makers from the industry for an impactful business networking

EV TAMIL NADU SUMMIT 2026

20th
Feb 2026

9:30AM
(IST) onwards

Chennai,
Tamil Nadu

- ❖ EV Update – Tamil Nadu Summit 2026 organized by EV Update Media on 20th February 2026 at Chennai
- ❖ SSEM is one of the “Supporting Associations” of the Summit.
- ❖ SSEM Executive Committee Members will participate as a “Speaker” of this mega event

Activities Planned – February 2026 to April 2026

- ❖ **Session on “Lean Manufacturing for EV / Auto Industry” organized by WRI & SSEM at Conference Hall, CODISSIA in the month of February, 2026. Date yet to finalize.**
- ❖ **Kumaraguru College of Technology (KCT) & SSEM is organizing “Smart Mobility Summit 2026” on 26 – 28th March 2026 @ KCT Campus, Coimbatore. More details attached.**
- ❖ **EV Future Summit organized by Antomantia on 27 March 2026 in Chennai. SSEM is one of the “Supporting Partner” of the said event. SSEM Executive Committee Members will address at the Summit**
- ❖ **Second Edition of “Battery Conference” in the month of April, 2026.**



KUMARAGURU
COLLEGE OF TECHNOLOGY
character is life

SMART MOBILITY SUMMIT

The Smart Mobility Summit (SMS'26) is a premier global platform that unites academia, industry leaders, policymakers and innovators from around the world to showcase breakthroughs in the energy and transportation sector while collaboratively shaping the future of safe and sustainable mobility.

26 - 28 MARCH 2026 | Kumaraguru Campus, Coimbatore

HIGHLIGHTS OF THE EVENT



Industry Conclave:
EVolve India '26



Research Conference:
International Conference on
Smart Mobility for Sustainable
Future (ICSMSF26)



Student Competition:
India E-Bike Challenge
IEBC'26 | Season 3



Visit us: <https://sms.kct.ac.in/icsms2026/>

Members Enrolled – January 2026



- ❖ **Sodion Energy Pvt Ltd – Annual Member – Small & Medium**



Sodian Energy Pvt Ltd

Powering the Future

Office:
Plot No. 15, Sector 15, Gurgaon, Haryana, India - 122002
Factory:
Plot No. 15, Sector 15, Gurgaon, Haryana, India - 122002
Sales:
Gurgaon, Haryana, India - 122002
Customer Care:
Gurgaon, Haryana, India - 122002
www.naxionenergy.com | An ISO 9001:2015 Certified Company - TUV SUD

Powering the Future

Why Sodium-Ion?

- Safe**
 - No toxic
 - No acid/alkali
 - No fire risk
- Fast**
 - Low temperature performance
 - Fast charging/discharging
- Environmentally Friendly**
 - High energy density
 - High efficiency
- Durable**
 - Long cycle life
 - Low maintenance

Portable All-in-One UPS

Advantages: High Power, High Efficiency, High Performance, 3000 cycles, 1000,000

Applications: Data Centers, Industrial, Commercial, Residential, etc.

Made in India.

Model	Capacity (kWh)	Power (kW)	Weight (kg)	Dimensions (mm)
ES1000	1.0	1.0	100	400x400x100
ES2000	2.0	2.0	200	800x800x100
ES3000	3.0	3.0	300	1200x800x100
ES4000	4.0	4.0	400	1600x800x100
ES5000	5.0	5.0	500	2000x800x100
ES6000	6.0	6.0	600	2400x800x100
ES7000	7.0	7.0	700	2800x800x100
ES8000	8.0	8.0	800	3200x800x100
ES9000	9.0	9.0	900	3600x800x100
ES10000	10.0	10.0	1000	4000x800x100

Containerized All-in one BESS Solutions

Applications: Industrial, Commercial, Residential, etc.

Advantages: High Power, High Efficiency, High Performance, 3000 cycles, 1000,000

Mobility Batteries

Applications: Forklifts, Pallet Jacks, etc.

Turnkey Contract Manufacturing & White Labelling Service

Full Service Setup: Design, Procurement, Installation, Commissioning, Maintenance, etc.

Access to Naxion's Ecosystem: Raw Materials, Components, etc.

Naxion Energy



Society for Smart E-Mobility – SSEM

For more details, you may reach us @

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

Sources:

<https://timesofindia.indiatimes.com/business/india-business/union-budget-2026-converting-indias-ev-surge-into-manufacturing-power/articleshow/127815369.cms>

ev industry development in tamil nadu during january 2026