

About The Event

e-Automotive 2019 - Electrifying the Future

The automotive smart & electric vehicle revolution is in action in India. Driven by a necessity for a cleaner & intelligent mobility infrastructure, Indian auto industry has emerged as the leading template for world's future transportation needs. The automotive supply chain is currently witnessing a huge innovation wave in the electronics industry. From electric vehicle charging infrastructure to smart intelligent connected networks, the automotive electronics industry is set to grow many folds by 2022.

Along with the electric revolution, the internet revolution is sweeping across the industry. Powerful electronics are changing the course of new vehicle design and engineering. Connected & autonomous driving, intelligent engine controls, vehicle safety & performance electronics, battery management systems, powertrain electronics, intelligent telematics, audio & entertainment systems and many more features will be powered by technology advancements in the electronics industry.

Join experts, government authorities, consultants, developers, e-automotive experts, and industry leaders as they come together to share insights and drive debate focused on smart, intelligent and electric vision 2030 of the automotive industry. The event will discuss the growth opportunities in the sector powered by innovation, consumer behavior changes, shared economy architecture, new infrastructure developments, policies, technology upgradation and much more.

E-Automotive 2019 will provide the most powerful, engaging, disruptive & progressive strategic focal points to all the stakeholders in the automotive industry to collaborate on a unified platform and deliberate the auto-electronics progression.

Who Will Attend?

The event will see a participation of high-ranking officials & key decision makers from automotive engineering, design and technology supply-chain. The audience

- 2 Wheeler & 3 Wheeler Vehicle Manufacturers
- Passenger & Commercial Vehicle Manufacturers
- Industrial & Construction Equipment Manufacturers
- E-Bikes, E-Scooters and Recreational Vehicle Manufacturers
- Auto Component Manufacturers & Suppliers
- EV Charging Infrastructure Enablers
- E-Tolling & Smart Mobility Infrastructure Companies
- Fleet Owners and Operators
- Telematics, IT & Software Service Providers
- Government / Policy Makers/ Urban Local Bodies
- Financial Institutions
- City Planners/ Architects, Project Consultants & Developers
- Innovators, Startups & Entrepreneurs



09.15 - 10.15	Registration And Networking Tea
10.15 - 10.30	Chairperson's Opening Remarks & Ice Breaking session
Session 1	Theme - "Vehicle Design, Engineering, Performance & Safety Electronics"
10.30 - 10.45	Keynote Speaker - The Driving Force Impacting CO2 regulation framework and compliance- Vision 2030
10.45 - 11.00	Presentation 1
11.00 - 11.15	Keynote Speaker - What's Below the Hood of an Electric Two-Wheeler? A Sneak Peek of the Architecture and Electronic Control Units
11.15 - 12.00	<p>Panel Discussion: "Driving Automotive Innovation" - Meeting Functional Safety Requirements Efficiently Via Electronic Design Tools and Techniques</p> <p>Topics for discussion:</p> <ul style="list-style-type: none"> • Intelligence sharing and social intelligence - A largest paradigm • Automotive Emergency Breaking • Shifting Gears : Urban designs for autonomous vehicles • Customized Application & Regulatory requirements for Safety & Security • Risk of Distracted Driving • Tools and Technologies that Address Functional Safety • High-performance processors for advanced driver assistance system (ADAS) solutions • Working together to increase safety across the board using virtual simulation • IoT Enhanced Mobility
12:00 - 12:30	Networking Tea Break
Session 2	Theme - "Autonomous, Connected and Smart Auto-Electronics"
12:30 - 12:45	Keynote Speaker: When the internet meets the car; when e-commerce meets automotive - bringing the mobile and automotive industries together
12:45 - 13:00	Presentation 2
13:00 - 13:15	Keynote Speaker - Addressing Software Complexity in Connected and Autonomous Vehicles – An automated platform for success Compute solutions for mass deployment of autonomy

13:15 - 14:00	<p>Panel Discussion: Next Generation Technologies in Automotive Electronics facing the Future challenges: from cooperative vehicle networking to autonomous driving</p> <p>Topics of Discussion:</p> <ul style="list-style-type: none"> • Customer focus that facilitates new business models • Mobility as a service with intermodal routing • Fleet management, charging, security and infrastructure management • Data Processing - meeting the needs of emerging autonomous technology. • Support for seamless connectivity in highly mobile environments - Enabling the development of cooperative automotive applications
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	<ul style="list-style-type: none"> From Pilot to Public Roads - Advancing connected and autonomous vehicles
14:00 - 15:00	Lunch Break
Session 3	Theme - "Electric Vehicle, EV Charging and Battery Management System Electronics"
15:00 - 15:15	Keynote Speaker - <i>Development of EV architectures from a systems engineering point of view - both design of brand new platforms and adapting existing platforms</i>
15:15 - 15:30	Presentation 3
15:30 - 15:45	Keynote Speaker – <i>Shared Mobility – Impact on Automotive Electronics and Technology</i>
15:45 - 16:00	Presentation 4
16:00 - 16:15	Keynote Speaker - <i>Optimization Of Powertrain Structure - Including Battery, Ultracapacitors, Motors, Inverters & Transmission</i>
16:15 - 17:00	<p>Panel Discussion & Summarization: Future Gazing - Setting up the Agenda for Electronics in future automotive services</p> <p>Topics for discussion:</p> <ul style="list-style-type: none"> What's best for Your Ride - Complexities & Challenges in Designing EV Electronics Opening Pandora's Box- Reassembling multiple power electronic functions into one box Electrification - Compact and high-efficient solutions to power conversion Cities Reimagined - Impacts of driverless car and ride sharing Technology Road Map to Autonomous Mobility Next generation EV chargers – what we can expect?
17:00 - 17:15	Thank You Note From The Organizers

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