



2nd Edition
**Conference on
Automotive Electronics**

Theme: “Exploring Advances in Automotive Electronics”

9th December 2016: Hotel ITC Grand Chola, Chennai

Conference Retrospect

Electronics is an area in the automotive sector where segments like Advanced Driving Assistant System (ADAS), connected vehicles, battery technology / electric energy, power train, chassis, body control and infotainment applications etc are considered groundbreaking technology with huge growth potentials. OEMs are now increasing their attention to make vehicles intelligent and Hi-Tech by interaction with the external ecosystem like traffic, weather, roads, other vehicles etc.

These developments overall indicate a leap in automotive electronics technology in current and future vehicles. To help the industries understand the technology and business potential in this segment and in order to project the capacity of Tamil Nadu in the field of automotive electronics, The Tamil Nadu Technology Development & Promotion Center of CII organised the 2nd Edition - Conference on Automotive Electronics on 9 December 2016 at Hotel ITC Grand Chola, Chennai with the theme “Exploring Advances in Automotive Electronics”. The conference was chaired by Mr Amit Jain, Country Head, Electronics Group, India, Visteon. This would be an initiative to discuss the current and future trends in automotive electronics and will offer an opportunity for stakeholders to establish synergy in the special area of interest.

The key objectives of this conference are to: serve as an interaction platform for key stake holders from automotive, electronics, industrial & information technology etc to discuss and understand the trends in ICT area for auto-electronics; discuss and identify the key growth levers that support the trends in the auto-electronics industry; to project the challenges, opportunities & expectations to the relevant stakeholders; facilitate the technology brainstorming and other related needs of the members through cross-continent networking; evaluate potential partnerships for collaborative research and product development with Indian industries; facilitate knowledge sharing between industry & international organizations through bilateral / multilateral cooperation mechanism etc.

The conference included interactive and interesting discussions under the sessions: Powertrain; Infotainment & Connectivity; Safety & Security; Industry 4.0 & IoT and Panel Discussion on “Electronics challenges in Indian Auto Industry & Way forward.

Key eminent speakers addressed the conference included - Mr Amit Jain, Conference Chairman & Country Head, Electronics Group, India, Visteon; Mr Ambuj Sharma, IAS, Addl. Chief Secretary/Industries Commissioner, Government of Tamil Nadu; Mr Claude d’Gama Rose, Managing Director , Continental Automotive Components (India) Pvt Ltd; Dr Aravind S Bharadwaj, Sr. Vice President – Advanced Technology & Services, Mahindra & Mahindra Ltd.; Mr K S V Babu, Vice President, Lucas-TVS Limited; Mr Balasubramanian N, Vice President - Prod. Engg, Renault Nissan Technology & Business Center India (P) Ltd.; Dr Christian Koitzsch, Vice President, Robert Bosch Engineering and Business Solutions Limited; Mr Arun Devaraj, Director, Visteon India; Mr Shivalik Prasad, Executive Director, MapmyIndia; Ms Chandrapriya Seetharaman, Assistant Vice President - Engineering, Aricent Group; Mr Suresh G, DGM,

Pricol Limited; Mr Suresh D, CEO, Spart Minda Technical Centre (SMIT), Minda Corporation Limited; Mr Sirish Batchu, Head - Infotronics Technology & Advance Electronics, Mahindra & Mahindra Limited; Satheesh A, Senior Consultant, Tata Consultancy Services Ltd.; Mr Rafiq Somani, Country Manager - India, ASEAN & ANZ, ANSYS; Dr N Vasudevan, Dean - Academics, Centre for Automotive Electronics (CAE), Hindustan University; Mr Brahmanand Reddy Patil, Managing Director, Vector Informatik India Pvt. Ltd.; Mr S A Sundaresan, Senior Director, Siemens Industry Software India (P) Ltd; Mr Shinto Joseph, Director - South East Asia Operations, LDRA Technology Pvt Ltd; Mr Arun Bhat, Director, Infineon Technologies India Private Limited; Mr Murali Chandrasan, Head – Engineering IT Solutions & Services, L&T Technology Services Limited; Mr Padmesh Mandloi, Senior Technical Account Manager, ANSYS Software Pvt. Ltd; Mr Vijayalayan, Manager, Mathworks India Private Limited; Mr Manoj Menghrajani, Business Development Manager, Altair Engineering India; Dr S Devarajan, Sr. Vice President, TVS Motor Company Limited.

More than 350 Participants attended the initiative from various parts of the country.

Inaugural Session



Photo Caption (L-R)

Mr Claude d'Gama Rose, Country Head - India, Continental Group & Managing Director, Continental Automotive Components (India) Private Ltd.; Mr Ashok Chandak, Senior Director - Global Sales & Marketing, South Asia Pacific Automotive and India sales, NXP Semiconductors; Dr Aravind S Bharadwaj, Sr. VP – Advanced Technology & Services Automotive & Farm Equipment Sectors, Mahindra & Mahindra Ltd.; Mr Ambuj Sharma, IAS, Addl. Chief Secretary / Industries Commissioner & Director of Industries and Commerce, Commissionerate of Industries and Commerce, Government of Tamil Nadu; Mr Amit Jain, Conference Chairman & Country Head, Electronics Group, India, Visteon, Mr Sathish Raman, Senior Director, CII (SR) and Mr Sasikumar Gendham, Convenor, CII Electronics Panel & Managing Director, Salcomp Manufacturing India Pvt Ltd.

Sessions



Delegates





Confederation of Indian Industry

2nd Edition



Conference on Automotive Electronics

"Exploring Advances in Automotive Electronics"

9 December 2016

Chennai

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Programme Schedule

0800 Hrs – 0930 Hrs Registration

0930 Hrs - 1030 Hrs Inaugural Session

0930 Hrs	Welcome Address	Mr Sasikumar Gendham Convenor, CII Electronics Panel & Managing Director Salcomp Manufacturing India Pvt Ltd.,
0935 Hrs	Theme Address	Mr Amit Jain Conference Chairman & Country Head, Electronics Group, India Visteon
0945 Hrs	Special Address	Mr Ashok Chandak Senior Director - Global Sales & Marketing South Asia Pacific Automotive and India sales NXP Semiconductors
0955 Hrs	Special Address	Dr Aravind S Bharadwaj Sr. VP – Advanced Technology & Services Automotive & Farm Equipment Sectors Mahindra & Mahindra Ltd.
1005 Hrs	Special Address	Mr Claude d'Gama Rose Country Head - India, Continental Group & Managing Director Continental Automotive Components (India) Private Ltd.
1015 Hrs	Inaugural Address	Mr Ambuj Sharma, IAS Addl. Chief Secretary / Industries Commissioner & Director of Industries and Commerce Commissionerate of Industries and Commerce Government of Tamil Nadu
1030 Hrs	Vote of Thanks	Mr Amit Jain
1035 Hrs	Session Close	

1035 Hrs – 1045 Hrs Tea / Coffee Break

**1045 Hrs - 1145 Hrs Panel discussion on
“Electronics challenges in Indian Auto Industry & Way forward”**

1045 Hrs – 1055 Hrs Context Setting by
Panel Moderator

Mr K S V Babu
Vice President, Lucas-TVS Limited

1055 Hrs – 1135 Hrs Panelist Views:

Panelists

Mr Rafiq Somani
Country Manager - India, ASEAN & ANZ
ANSYS

Mr Sirish Batchu
Head - Infotronics Technology & Advance
Electronics, Mahindra & Mahindra Limited

Mr Satheesh A
Senior Consultant - Automotive Vertical
Tata Consultancy Services Limited

Dr N Vasudevan
Dean - Academics
Centre for Automotive Electronics (CAE)
Hindustan University

1135 Hrs – 1145 Hrs Discussion

1145 Hrs – 1300 Hrs Plenary Session I: Powertrain

1145 Hrs Opening Remarks & Address by
Session Chairman

Mr Balasubramanian N
Dy. Vice President - Prod. Engg
Renault Nissan Technology & Business
Center India (P) Ltd.

1200 Hrs Innovation and the Pyramid of Value

Dr Christian Koitzsch
Vice President
Robert Bosch Engineering and Business
Solutions Limited

1215 Hrs Address

Dr Shankar Venugopal
Vice President
Mahindra & Mahindra Limited

1230 Hrs Addressing Challenges in
Powertrain System Design using
Model-Based Design

Mr Vijayalayan R
Control Design Application Engineering
Mathworks India Private Limited

1245 Hrs Electromagnetic Solutions for
Auto Electronics – FEKO and FLUX

Mr Manoj Menghrajani
Business Development
Altair Engineering India.

1300 Hrs Discussion

1315 Hrs – 1400 Hrs Lunch Break

1400 Hrs – 1510 Hrs Plenary Session II: Infotainment & Connectivity

1400 Hrs	Opening Remarks & Address by Session Chairman	Mr Arun Devaraj Head, Customer Regional Engg – India Visteon Electronics
1415 Hrs	Address	Mr Shivalik Prasad Executive Director, MapmyIndia
1430 Hrs	Address	Mr Suresh Govindagatta Deputy General Manager - Advanced Engg. Pricol Limited
1445 Hrs	Augmenting Data-Analytics Driven "Integrated Vehicle Health Management System" with Simulation	Mr Padmesh Mandloi Senior Technical Account Manager ANSYS Software Pvt. Ltd
1500 Hrs	Discussion	
1510 Hrs	Session changeover	

1510 Hrs - 1625 Hrs Plenary Session – III: Safety & Security

1510 Hrs	Opening Remarks & address by Session Chairman	Mr Suresh D CEO - Spart Minda Technical Centre (SMIT) Minda Corporation Limited
1525 Hrs	Software-Update over-the-air (SOTA), Challenges for secure updates	Mr Brahmanand Reddy Patil Managing Director Vector Informatik India Pvt. Ltd.
1540 Hrs	Accelerating on-board software development with a model-based, test-driven approach	Mr S A Sundaresan Director Siemens Industry Software India (P) Ltd
1555 Hrs	Automotive Functional Safety & Security – Two Sides of The Same Coin	Mr Shinto Joseph Director - South East Asia Operations LDRA Technology Pvt Ltd
1610 Hrs	Automotive Trend – Security	Mr Arun Bhat Director Infineon Technologies India Private Limited
1625 Hrs	Tea/Break & Networking	

1640 Hrs - 1830 Hrs Plenary Session – IV: Industry 4.0 & IoT

1640 Hrs	Opening Remarks by Session Chairman	Mr Shankar Akella Senior Director Siemens Industry Software India (P) Ltd
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1650 Hrs	Address	Dr S Devarajan Senior Vice President – Production Engg. TVS Motor Company Limited
1710 Hrs	Address	Mr B Shriram Partner, Ernst & Young LLP.
1725 Hrs	Address	Mr Murali Chandrahasan Head – Engineering IT Solutions & Services L&T Technology Services Limited
1745 Hrs	Discussion	
1815 Hrs	Conference Wrap-Up	Mr Amit Jain Conference Chairman & Country Head, Electronics Group, India Visteon
1830 Hrs	Cocktails & Networking Dinner	

