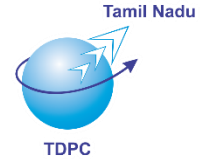




Confederation of Indian Industry



11th Edition

AUTOMOTIVE

R & D T r e n d s

Tamil Nadu Technology and Promotion Centre of CII organized the 11th Edition - Conference on Automotive R&D Trends on 8th March 2019 at Hotel Hilton, Chennai with the theme of “**Automotive Mega Trends – R&D Challenges**”. The conference aims to help stakeholders understand the current scenario of automotive R&D, challenges ahead, technologies involved and to share their expectations.

This conference was chaired by **Dr Arun Jaura**, Managing Director, Michelin India Technology Center LLP, special address by **Dr Swarna Ramesh**, Scientist G, Additional Director (Robotics), CVRDE - Ministry of Defence, Government of India., keynote address by **Dr Aravind S Bharadwaj**, CTO - FES, Mahindra & Mahindra Limited and Inaugural address by **Dr J Radhakrishnan IAS**, Principal Secretary to Government, Transport Department, Government of Tamil Nadu.

Dr Arun Jaura, Managing Director, Michelin India Technology Center LLP in his welcome address he emphasised that “Mobility is going to change rapidly in the coming years as electric vehicles proliferate, ride sharing continues to grow, and eventually autonomous vehicles enter urban fleets”

Latest Trends in Mobility is EASCY - Electrified, Autonomous, Shared, Connected and Yearly updated. In CVRDE, we design and develop unmanned systems on tracked platform for multiple hazardous missions to support armed forces said **Dr Swarna Ramesh**, Scientist G, Additional Director (Robotics), CVRDE - Ministry of Defence, Government of India.

We are actually witnessing a gigantic shift in terms of how the mobility is going to define the future. Fundamental challenge in terms of R&D to become beacon for the Automotive industry is

essentially Manpower and resources said **Dr Aravind S Bharadwaj**, CTO - FES, Mahindra & Mahindra Limited.

The rise of technology in the auto components manufacturing sector globally and its by-products such as mobility, connectivity, fuel efficiency, electric cars and autonomous driving, have brought forward a huge playfield for Indian manufacturers to compete and innovate in the global market said **Dr J Radhakrishnan IAS**, he also added that "Tamil Nadu has a robust public transport system which is mainly provided by State Transport Undertakings. The Transport department is set out to release 12,000 buses, of which 2000 are electric buses & the rest are in line with BS VI Emission Standards."



L-R: **Dr J Radhakrishnan IAS**, Principal Secretary to Government, Transport Department, Government of Tamil Nadu, **Dr Aravind S Bharadwaj**, CTO - FES, Mahindra & Mahindra Limited, **Dr Swarna Ramesh**, Scientist G, Additional Director (Robotics), CVRDE - Ministry of Defence, Government of India, **Dr Arun Jaura**, Conference Chairman & Managing Director, Michelin India Technology Center LLP

This conference included interactive and interesting discussions under the Technical sessions: Future of Mobility – Electrification, Manufacturing Digitization & Information Science, Future Trends – Auto components, OEM's & Aftermarket Sustainability, Intelligent Supply Chain & Logistics and Panel Discussion on Robust changes in Automobile – Industry growth & investment opportunities

Key eminent speakers addressed the conference included – **Mr Gautam Dutta**, Senior Director, Siemens Industries Software India Pvt Ltd, **Mr Deepangshu Dev Sarmah**, Editor-in-Chief at Auto Tech Review & Head of Professional Publishing (B2B) Springer Nature India, **Prof Bhaskar Ramamurthi**, Director, IIT-Madras, **Mr Srinivas Aravapalli**, Advisor & Consultant, **Mr K Rajan**, Senior Associate Vice President & Head - Products & Training, Cholamandalam MS General Insurance, **Mr Radha Krishnan**, Founder and President, Detroit Engineered Products (DEP), **Mr Maxson Lewis**, Managing Director, Magenta Power Pvt Ltd, **Mr Ravi Sankar**, Strategy & Simulation Role, Lead Technology Specialist. ANSYS, **Mr Vinay Pawar**, Vice President, Spark Minda Technical Centre, Minda Corporation Limited, **Dr V Balasubramanian**, Technical Advisor, Simpson & Company Limited, **Mr Vinay Pawar**, Vice President, Spark Minda Technical Centre, **Mr Sridhar Dharmarajan**, Managing Director, Indo-Pacific Region, MSC Software Corporation, **Navaneetha Krishnan R**, Senior Manager, Accenture Solutions Pvt Ltd, **Mr Umesh Krishnappa**, Head - Technology and Operations initiative, Greaves Cotton E-Mobility Drive, **Dr Naveen Gautam** Managing Director, HELLA India Automotive Pvt. Ltd, **Mr Mohamadali Sah**, Product Line Manager, Vector Informatik India, **Mr Karthikeyan Vardarajan**, Vice President – Technical, EDS Technologies (P) Ltd, **Mr R Shankar**, CEO – India Operations, TVS Logistics Services Ltd **Mr Avanish Singh**, Associate Manager, Accenture, **Mr Ravi Bhatkal**, Managing Director, MacDermid Performance Solutions

This conference was well attended by more than 350 delegates with technology and business interests from all over the country. This edition witnessed the best of the participation from the industry and relevant organizations. The program content and speakers presentations were appreciated by one and all. The participants found the conference most interesting and the interactions highly resourceful.



