

SAEINDIA Section News - Bangalore (SAEIBS)

TECH TALK & MEMBERSHIP DRIVE:



SAEINDIA Bangalore Section (SAEIBS) conducted a Tech Talk cum Membership Drive at GMTCI on 12th July 2018. The technical talk was on the topic “Innovation in Future Automobiles” by Mr. Alexander Klotz, Head – Continental AG Tech Centre India. The program was very well received by more than 150 team members from GMTCI, followed by Product display of ADAS (Advance Driver Assistance Systems) by Continental AG. A brief and every effective intro of SAEINDIA by Mr. Brian, of GMTCI and he explained how important to be member of SAEINDIA and its benefits.

MEMBERSHIP DRIVE:



SAEINDIA Bangalore Section (SAEIBS) conducted a Membership Drive at ELEKTROBIT on 13th July 2018.

Mr. Vivek Venkoba Rao from Continental AG headed the program and he gave very effective speech on his journey after becoming a SAEINDIA member, how the membership helped his carrier, could able meet important people of industries, about the conference he attended both national and international, benefits of submitting the tech papers and being reviewer of tech papers. He also thanked SAEINDIA for honouring him as Engineer of the year 2016-17.

CG INAUGURALS:

SAEINDIA Collegiate Club @ Canara College of Engineering, Mangaluru by Mr. Anoop B.S, MC Member, SAEIBS on 27th August 2018. He gave a key note speech for students had a good Interaction session with all and briefed them about various competitions of SAEINDIA and their benefits.

Covering the Mangaluru region on 28th August 2018 the same inaugural team visited St. Joseph College of Engineering; Shayadri College of Engineering and Manipal Institute of Technology for the interaction with students to encourage them in participating in SAEINDIA competitions and guiding them by giving technical inputs for the same.

SAEINDIA Collegiate Club @ Vivekananda College of Engineering and Technology, Puttur on 7th September 2018 was inaugurated by Mr. Sumanth V Murthy, MC member, SAEIBS. Mr. Murthy guided the students by sharing his experience on starting up an own venture and also gave glimpse of new upcoming events under SAEINDIA.

SAEINDIA Collegiate Club @ Sai Vidya Institute of Technology by Mr. Anoop B.S, MC Member, SAEIBS on 25th September 2018. He gave a key note speech for students had a good Interaction session with all and briefed them about various competitions of SAEINDIA and their benefits.

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SAEINDIA Section News - Northern (SAEINS)

AWIM MTTP:



SAEINDIA Northern Section (SAEINS) conducted A World In Motion (AWIM) Master Teacher Training Program in 28th July 2018 at 'Mapple Emerald' for Delhi NCR region. Mr. Alok Jaitley, Vice Chairman, Student Competition, SAEINS; Mr. Rakesh Sood, Ex Convener, AWIM; Mr. Anup Kacker, ED, SAEINS and Mr. Deepak Panda, Co-convener, AWIM were present for the programme and made it a great success.

Mr. Alok Jaitley paraphrased the introduction with some of his past experiences. His words encouraged everyone as "Good is not good when better is expected, best is possible and excellent is an inspiration. We, at AWIM are perpetual seeker of excellence." Schools from Delhi, Gurugram, Ghaziabad & Faridabad along with volunteers from IGDTUW, JMI, DTU, MRIIRS, KIET, YMCAUST, MAIT and ASET participated in the event.

Ms. Khyati Sharma (3rd year student) who was also the winner of AWIM 2K18 Regionals, NCR, from IGDTU, trained the teachers and volunteers with her great alacrity. Her past experiences and attachments with AWIM ameliorated the training session for the participants. Ms. Diksha San also guided the volunteers and the teachers very generously and managed the whole program with stupendous efforts and great zeal. After the successful completion of MTTP, teachers were felicitated for their gracious presence.

EXPERT LECTURES:



In the Month of August & September 2018 SAEINS in association with the industrial experts from MSIL & iCAT conducted about 7 Technical Lectures in and around the northern section. The some of the topics includes "New Product Life Cycle Development in Automotive Industry"; "Road Load and Data Acquisition" and "How SAEINS is Bridging Gap between Industry and Academia expectations".

The programs were organized with objective of spreading awareness especially amongst Top Management of Engineering Colleges, Heads of Departments, Faculties and Students about SAEINDIA Activities and plans in regions where presence is limited. Interactions were held with Pro Vice Chancellor, Directors, Principals, Head of Departments of respective colleges like Amity University Lucknow; Chandigarh University Chandigarh; PSIT Kanpur; Chandigarh Group of Colleges, Mohali; Punjab Engineering College Chandigarh; AKGEC, Ghaziabad and IPEC Ghaziabad.

The lectures were very interactive, informative and very well delivered by the industry experts and equally well received by the faculties and students of different colleges. Mr Anup Kacker, ED, SAEINS emphasized that in the present era, software engineers play a very important role in mobility industry and therefore students from all branches should join the SAEINDIA and benefit from their activities.

SAEINDIA Section News - Southern (SAEISS)

AERO DESIGN CHALLENGE 2018:



SAEINDIA Southern Section (SAEISS) conducted the 3rd edition of Aero Design Challenge (ADC) 2018 Finals at CEG Campus, Anna University, Chennai from 11th to 13th July 2018. Student members from various engineering Institutions across India participated in the Competition. On 11th the inaugural function of the Event happened at Sports Complex, CEG Campus, Anna University by Chief Guest Shri. Banwarilal Purohit, Honourable Governor of Tamilnadu, and Guest of Honour Shri. R. Rajagopal I.A.S. Additional Chief Secretary to Governor of Tamil Nadu.

The event started with the welcome address by Prof. M. K. Surappa, Vice Chancellor, Anna University followed by a presentation about ADC Competition by Mr. S. Shanmugam, Vice Chairman, SAEISS who gave complete details such as rules of the event, different classes of the event and other relevant matters related to the event. Dr. K. Senthil Kumar, Champion, ADC briefed the participants on the impacts and outcomes of the Aero Design Challenge. Dr. S. Thamarai Selvi, Director, Centre for Technology Development and Transfer (CTDT), Anna University also spoke about the achievements in Unmanned Aerial Vehicle (UAV) developed by Anna University. Special Address was given by Shri. R. Rajagopal I.A.S., Additional Chief Secretary to Governor of Tamil Nadu. The dignitaries also released a booklet with a detailed article about ADC 2018.

The colleges were also honoured for conducting Workshops in their premises by presenting mementos to them, namely Jeppiaar Engineering college represented by Mr. Edson Chandraseelan. R; SRM Institute of science & Technology represented by Mr. Pungaiya Yadhav and St. Peter's College of Engineering and Technology represented by Dr. M. Chinnapandian R. and Mr. Yuvaraj. The Vote of thanks was delivered by Dr. S. Senthil Kumar, who also thanked the honourable governor who had spent his valuable time and his knowledge-sharing speech to motivate the participants. The Technical presentations were held at CTDT Conference Hall and Centre for climate change Hall, at the same time. The Technical Inspections and the Final Flight Round Session were held at sport complex, CEG Campus, Anna University simultaneously. A total of about 111 teams comprising of 750 Students had participated in ADC 2018.

Award Ceremony of ADC 2018 started with Tamil Thai Vazhthu on 13th July 2018 at Vivekananda Auditorium, CEG Campus, Anna University where the chief guest was Dr. S. Ganesan, Registrar, Anna University. The Welcome Address for this function was given by Dr. B.T.N. Sridhar, Head, Department of Aerospace Engineering MIT campus, Anna University followed by Shri. S. Sriraman, Chairman, SAEISS who gave a brief address about the ADC Competition.

The outcomes and impacts of ADC events was given by Dr. K. Senthil Kumar, Champion, followed by Dr. S. Thamarai Selvi, Director, CTDT, Anna University about the achievements in Unmanned Aerial Vehicle (UAV) developed by Anna University. The Presidential Address was given by Dr. A. Rajadurai, Dean, MIT campus, Anna University followed by Shri. Yogendra Jahagiridar, Aero Club of India who gave the Special Address and finally the Valedictory Address by Dr. S. Ganesan, Registrar, Anna University. Vote of thanks was given by Dr. E. Rajasekar, Secretary, SAEISS. The Program ended with National Anthem.

ADMMS 2018:

SAEINDIA Southern Section (SAEISS) conducted the 2nd edition of International Conference on Advances in Design, Material, Manufacturing and Surface Engineering for Mobility (ADMMS) from 20th to 21st July 2018 at Madras Institute of Technology (MIT) Campus, Chennai. On 20th July 2018, at Rajam Lecture Hall complex ADMMS'18 started with Tamil Thai Vaazthu followed by lighting ceremony by Chief Guest, Mr. S Paul Pandian, vGroup Director, Scientist G, ISRO Inertial Systems Unit, Trivandrum and key members including Dr. A. Raja Durai, Dean, MIT Campus; Dr. S. Jayaraj, HOD, Automobile Department and Mr. S. Sriraman, Chairman, SAEISS and Mr. Ganesh Dharmar, Champion, Conference.

The Inaugural address on "Sensors and Application in Automation" by the Chief Guest really inspired many automobile engineers to relate with the challenges in the development of autonomous driving. Mr. S. Sriraman, the conference chair appreciated the hosting college for organizing this conference in alignment with the SAEINDIA in their campus. Mr. Ganesh Dharmar, Champion, Conference proposed the vote of thanks.

A total of about 235 abstracts were received, out of which 144 abstracts were shortlisted. 123 papers were received under design, materials, manufacturing and surface engineering and 73 papers were selected for publication. The conference had 6 invited lectures, 1 panel discussion and 8 technical sessions for the 2 days. After Inauguration the Technical oral presentation sessions were started.

About 3 sessions in the areas of Product Design, Modelling & Analysis and the last session on Advance Material and Application were conducted parallelly. In the noon there were 2 sessions followed by technical presentations and 1 Plenary in the areas of Manufacturing Process, Advance Material and Applications, Advanced CAE Methodologies for use in Product Design by Dr. Srinivas Gunti, DGM, Mahindra & Mahindra Ltd.

The 2nd day of conference started with a plenary session on Hard Turning State of the Art and Challenge by Dr. M. Murugan, Professor, School of Mechanical Engineering, VIT, Chennai. The third plenary session was about the "Laser based Manufacturing Solutions for Mobility" by Dr. G. Padmanabham, International Advanced Research Centre for Powder Metallurgy & New Materials (ARCI), Hyderabad. After the insightful plenary sessions by eminent persons from various organisations we had a thrilling Panel discussion on "Sustainable Mobility" by Dr. Venugopal Shankar, VP & Dean, Mahindra Technical Academy being the Panel Moderator and other panellists were Dr. A. Rajadurai, Prof. and Dean, MIT, Anna University; Dr. R K Amit, Asso.Professor, Dept.of Management Studies, IITM; Dr. Shantha Shankar, Consultant Technology, Innovation and IP Consultant and Dr. Aravind Vadiraj, Sr.Manager, Mahindra Technical Academy. In the noon there were technical sessions in the areas of Product Design, Modelling and Simulation and Composite Material. The session chair/co-chair and evaluators were from industries including, DRDO, Ashok Leyland, MIT, TAFE, Caterpillar, IITM, M&M, Anna University, IP Rings Ltd, VIT, BSA University, SRM University, VE Commercial Vehicles Ltd., Mapco Schlenk Engineering college and JNTUK.

Dr. P. A. Lakshmi Narayanan, Tech. Advisor, Simpson & Co. Ltd was the chief guest for the valedictory program. He was felicitated by Dr. K. Arunachalam, MIT. An Overall update on ADMMS-2018 by Prof. E. Rajasekar, Secretary, SAEISS and Vote of thanks by Prof. R. Rajendran, MC Member, SAEISS. The event concluded with the appreciation award to Prof. B Vasanthan, Dept of Automobile, MIT for his turnaround help for all the requirements of the conference.

LECTURE MEETING:

SAEISS Erode Division organized Lecture Meeting program on “Innovative Technologies – Developing Smart, Sustainable and Safe Vehicles for Automotive” on 27th July 2018 at Kongu Engineering College, Perundurai. The Speaker for the program is Dr. N. Saravanan, Principal Engineering, M & M, Chennai.

Dr. P. Navaneetha Krishnan Head of the Department, Kongu Engineering College and Chairman. SAEISS Erode Division welcomed all the participants of the lecture meeting and introduced the speaker to them.

Dr. N. Saravanan started his lecture by introducing about the M & M Company and its future vision. He started the topic of the day Innovative Technologies – Developing Smart, Sustainable and Safe Vehicles for Automotive. The various innovative technologies of automobiles which are required for future automobiles are also discussed. The automobiles developments in smart and sustainable materials, current trends and future expectations are also discussed.

He played some videos related to safe automobiles. Finally, he gave motivation talk for students for preparing for the industry. Dr.P.Somasundaram Professor & Head, Kongu Engineering College and MC Member, SAEISS Erode Division thanked the speaker and all the participants and presented the memento to Dr. N. Saravanan as the token of gratitude.

STUDENT KNOWLEDGE IMPROVEMENT PROGRAM:

Student Knowledge Improvement Program (SKIP) on topic of “Latest Advancements in Welding Technology for Automotive” was organised by SAEISS on 27th and 28th July 2018 at Sri Sairam Inst.of Tech, Chennai



The Speakers of the session are Dr. D. Muruganandam, Prof. & Head, Mech.Engg, Jeppiaar Inst. of Technology & Mr. Sasi Anand Parthasarathy, Fronius India Pvt. Ltd. Mr. Palani Kumar, Principal, Sri Sairam Institute of Technology and Mr. Senthil were also present during the Inaugural.

Mr. Senthil Kumar welcomed all the participants for the SKIP Program on Latest Advancement in Welding Technology for Automotive. He introduced the faculty to all the participants. He also thanked Dr. D. Muruganandan and Mr. Sasi Anand Parthasarathy for accepting to handle SKIP Programming and sharing their knowledge to the students.

Dr. D. Muruganandam started the session by giving a detailed introduction about the welding technology that are used in practices. He also explained about the material characteristics and material selection criteria for welding process. In the afternoon session he also explained about the recent advancements in fusion welding technology. Finally, he explained about the welding on BAJA and SUPRA cars.

On the second day of the program Mr. Sasi Anand Parthasarathy handled the session. He explained about Robotic welding and also about the non-destructive testing for weldment. Finally, he explained about the welding evaluation techniques and winded up the last session of the lecture.

During the valedictory session Mr. T. Kasiraja, Treasurer, SAEISS took over. He asked the participants to say about their view regarding the program. Finally, the Students gave the feedback about the program at the end of the Session. Mr. Kasiraja received the Memento from the Sri Sairam Institute of Technology.

FACTORY VISIT:

SAEISS organized a Factory Visit to Caparo Engineering India Pvt Ltd, Sriperumbudur on 17th August 2018 with 40 participants from 18 colleges. Caparo Engineering India Limited designs, develops, and manufactures automotive systems, assemblies, advanced composites, modules, and components for automotive OEMs and engineering majors. The participants were taken into all sorts facilities available and were explained on the importance of TOOLS in such industries in all aspects.

STUDENT KNOWLEDGE IMPROVEMENT PROGRAM:

Student Knowledge Improvement Program (SKIP) on topic of “Automotive Engines & Alternative Fuels” was organised by SAEISS on 18th and 19th August 2018 at Guindy, Chennai. The Speaker of the session is Dr. E. Rajasekar, Professor, Faculty of Automobile Engineering, IRTT. The program was inaugurated by Mr.C.Pradeep, Force Motors Ltd. Dr. E. Rajasekar starts the program with a brief Introduction about Automotive Engines and Objective of this program.

He also explained on types of Engines and their categories like CI and SI Engines, Theory of Combustion in SI and CI Engines, Knock and Detonation, Engine Cycle Analysis, Combustion Modelling, Combustion Analysis, Thermodynamic based in cylinder models, Concept of Low Heat Rejection Engines.

In afternoon session, Speaker explained about Variable Ratio Compression Engines, Free Piston engines, Lean Burn Engines, Stratified Charge Engines, Gasoline Direct Injection, Emission Reduction Technologies, Modern Engines with Sensors with slide.

Speaker started second day session with explaining about the Alternative Fuels & Engine Modifications Required, Dual fuel and Bi-fuel Engines, Hydrogen, LNG, CNG, LPG, Bio Gas Bio Fuels, Vegetable Oils and Biodiesel, Alcohol and Reformed Fuels, Proposed Projects for Students.

The valedictory session was graced by Mr. S. Shanmugam, Vice Chairman, SAEISS; Mr. A. Armstrong, MC member, SAEISS and Dr. S. Senthil Kumar, SRM Institute of Science and Technology. Finally, the Students gave the feedback about the program at the end of the Session.

Mr. S. Shanmugam, Mr. Armstrong and Dr. S. Senthil Kumar distributed the certificate to the participants. Mr. S. Shanmugam, Vice Chairman, SAEISS felicitated the speaker with the memento as the token of appreciation for conducting such a Value added program to the student community and making the event a grand success.

AWIM MTTP:

A World In Motion (AWIM) Master Teachers Training program (MTTP) was conducted successfully on 31st Aug & 1st September 2018 at SAEISS, Guindy. The training was focused on jet-toy activities of AWIM curriculum. There were overall participations of 23 on each day.

On 31st Aug 2018, Dr.C.Shanmugam, AWIM Trainer, SAEISS welcomed all participants. It is followed by introduction of all individuals. The training started with the introduction of SAEISS, explaining the different activities conducted by the society for the different categories of members.

First day Dr. C. Shanmugam, AWIM champion presented the Jet-toy activities and he demonstrated the building of chassis and Jet-toy. After Initial demonstration, there were seven teams for the event. Second day Dr. C. Shanmugam, briefly explained how to solve the problems in the jet toy vehicle to participants and shared his experience and gave some expert tips for training their students.

On Sep 1st Mr. Aiyappan Ramamoorthy, MC Member SAEISS, thanked Mr. J N Harisharan, President, Rotary Club of KK Nagar, Chennai for sponsoring the program in their organization and presented the memento. Mr. Aiyappan Ramamoorthy and Dr. C. Shanmugam distributed the certificates and gift to all Master Teacher Training Program participants.

On the second day of the program Mr. Sasi Anand Parthasarathy handled the session. He explained about Robotic welding and also about the non-destructive testing for weldment. Finally, he explained about the welding evaluation techniques and winded up the last session of the lecture.

STUDENT KNOWLEDGE IMPROVEMENT PROGRAM:

Student Knowledge Improvement Program (SKIP) on topic of "STEERING SYSTEMS & VEHICLE HANDLING" was organised by SAEISS on 14th and 15th September 2018 at Sri Venkateswaraa College Of Technology, Sriperumbudur. The Speaker of the session is Mr. S. Radhakrishnan, Ex-VP, Rane Steerings Limited, Chennai. The program was inaugurated by Mr.H.Haribabu, chairman, of the host college.

The Speaker discussed on various technological advancements in vehicle steering and suspension systems and also addressed the queries related to SAEINDIA competitions like Tractor Design Competition, SUPRA, and BAJA. He also explained the under steering, neutral steering and over steering with video and Manual Steering Gears/ Mechanisms, Hydraulic Power Steering Gears & Mechanisms, Electro-Hydraulic Power Steering Gear (EHPS) to the participants.

Dr.D.Muruganantham MC, Member, SAEISS presented the memento to Host institution and felicitated the speaker with the memento as the token of appreciation.

LECTURE MEETING:

SAEINDIA Southern Section (SAEISS) Erode Division organized Lecture Meeting program on "Future of Mobility" on 26th September 2018, at Muthayammal Engineering College, Rasipuram. The speaker for the session is Mr. MP. Prasad, President, Agnito Insights, Chennai.

Dr. V.L.Raja, Associate Professor, Dept. of Mechanical Engineering, and SAEINDIA Faculty Advisor of Muthayammal Engineering College, Rasipuram welcomed all the participants of the lecture meeting and introduced the speaker to the participants.

Mr.MP. Prasad started his lecture on the history of transportation and the development it has made until now. He also explained the possibilities of the development it will undergo in the future. He then explained on the necessities that the members should research the future of mobility.

He gave an idea about informed buyers, the changes in the way of living, business as usual, change in business approach, the ways that change will occur in business approach such as system integration, scaled manufacturing and shared information, shift in car ownership and the impact that all these factors will make on the future mobility.

He also illustrated about the electric vehicles, the inputs for it in the Indian market, the industries that are manufacturing and researching in the electric vehicles and the advantages for the people in using electric vehicles. Later on he answered the queries put forth by the students.

Dr. V.L.Raja thanked the speaker and all the participants and presented the memento to Mr.MP. Prasad as the token of gratitude.

SAEINDIA Section News - Western (SAEIWS)

TECH TALK:



SAEINDIA Western Section (SAEIWS) organized a Tech Talk Series Lecture on **"CAT® EU Stage IV & V Strategy"** on 06th July 2018 at SAEIWS Office, Wakad, Pune. The program was witnessed by 33 participants comprising of Industry engineers, students and faculty in the discipline of engineering. The Speaker for the tech talk series lecture was **Dr. Prashanth Ravi**, Head of Engine Systems and Controls Development-India, Large Power Systems Division, Caterpillar India Pvt., Ltd.

Mr. Sanjay Nibandhe, Chairman, SAEIWS shared his views on the Tech Talk Series Lecture that the aim to organize such lecture is to provide more and more benefits to SAEINDIA members regarding technical knowledge improvement. Mr. Ramesh Pasarija, Deputy Director, SAEIWS introduced the speaker, Dr. Prashanth Ravi to the participants.

The speaker started the talk with High level concepts on the approach CAT® EU Stage IV and EU V Strategy adapted to successfully meet EU Stage IV, EU Stage V and Tier4F emission regulations for its range of engines Importance of ensuring readiness of infrastructure for these advanced engine systems, potential challenges of dealer readiness and machine migration concepts. The talk ended with an overview of upcoming off-road regulations in India.

Mr. Sanjay Nibandhe, felicitated the speaker with book as a token of appreciation and proposed the vote of thanks for the event.

AUTOMOTIVE LIGHTING CONFERENCE:



The Automotive Research Association of India (ARAI) and SAEINDIA Western Section (SAEIWS) jointly organized an Automotive Lighting Conference (ALC) at ARAI, Pune. This conference was held on 10th and 11th of August 2018. The conference focused on knowledge sharing and received large participation from the industry and academia. The ALC 2018 was a congress of the best minds in the industry, the participants ranged from Vehicle Manufacturers Lighting Manufacturers, Non-automotive lighting Manufacturers, Test agencies and Material suppliers, etc. This two-day event was inaugurated by Mr. Balraj Bhanot, former Deputy Director General from Department of Heavy Industries & former Director, ARAI, along with Mr. A. V. Mannikar, Sr. Deputy Director, HOD – SHL & PSL Dept., ARAI, Mr. S. S. Nibandhe, Chairman, SAEIWS & Deputy Director - HTC & FID Operations, ARAI, Chakan and Mr. B. V. Shamsundara, Treasurer, SAEIWS & General Manager, SHL, ARAI. The conference was witnessed by more than 170 persons during the two-day of event.

The 1st technical session was presented by Mr. Mark Jarvis, Head, International Business Creative Services at UNO MINDA Group, aptly known as the 'Innovation Guru' of Uno Minda. Mr. Jarvis focused on innovation in the lighting industry and shared his knowledge on industrial design aspects of it. Mr. Vineet Sahni, CEO & Sr. Executive Director, Lumax Industries, expressed his views on the debatable subject, viz. Preparedness of India for changing Technology trend in Automotive Lighting Technology. Mr. C. S. Singh, CTO, Lighting Business, Uno Minda, spoke further regarding Technology Challenges in India.

Fundamentals of Lighting Devices and Light Sources, and making of Affordable LED headlamps and evolution of Lighting over time was presented in detail by technical experts Mr. Michael Willacker, Head of Professional & Industrial Application, OSRAM, Germany; Mr. Blanco Salvatore, CTO, Magneti Marelli Motherson Auto Systems Ltd; Mr. Tetsuya Mikami, AGM, Engineering, Koito Manufacturing Company and Mr. Tony Bergen, Technical Director, Photometric Solutions International, Australia.

The OEM perspective and real-world light evaluation issues were addressed by Mr. Jayprakash from Mahindra & Mahindra, Chennai. Mr. Ramashankar Pandey, Managing Director, Hella India Lighting Ltd., spoke on a crucial topic regarding Arresting Alarming Road Deaths - Prioritizing Technology, Awareness & Regulation. Mr. M. Siva from ARAI presented an indigenous Adaptive Front Lighting Solution for lowering glare and better visibility.

Mr. Rajendra Bandal, GM, TUV Rheinland India Pvt. Ltd. shared his global view and his knowledge on Global Regulations for Automotive Lighting for China, Brazil, Indonesia, Europe and FMVSS. Mr. M. M. Desai, General Manager, ARAI elaborated on EMC Requirements for automotive lighting technologies and measurement.

Mr. N. B. Dhande, Sr. Deputy Director, ARAI, presented ARAI's profile to the participants, summarizing the activities and role of ARAI. The event concluded with Vote of Thanks by Mr. S. S. Nibandhe. The conference succeeded in accomplishing its purpose of knowledge sharing and providing a platform for exchange of thoughts between the experts and the participants.

AWIM MTTP:

A World In Motion (AWIM) Master Teachers Training program (MTTP) was conducted successfully on 13th August 2018 at N. K Orchid College of Engineering & Technology, Solapur.



There were around 25 teachers from 12 different schools and 10 student volunteers from N. K. Orchid College of Engineering. Last year's winning teams were also invited to guide the participants.

AWIM MTTP:

A World In Motion (AWIM) Master Teachers Training program (MTTP) was conducted successfully on 18th August 2018 at SAEINDIA Western Section Office, Pune.



There were around 20 teachers from 6 different schools and 6 industry volunteers from John Deere.

TWO & THREE WHEELER CONFERENCE:

Two & Three Wheeler Conference was organized by SAEINDIA on 30th & 31st August 2018 at Symbiosis Skills and Open University, Kiwale, Pune. It witnessed participation from Industry professionals, Faculties and students in the discipline of engineering.



There were more than 130 participants, about 25 speakers, 12 exposition stalls, 20 student volunteers, dignitaries and committee members participated in this conference. India has become the largest manufacturer of Two Wheelers in the world during 2016-17 beating China to the second place. A New Era in terms of regulations – safety and stringent norms of BS-VI in 2020 has posed a serious challenge to the industry. In this context SAEINDIA Automotive Board had organized the 2nd edition of Two Wheeler Conference in the upgraded form of Two & Three Wheeler Conference 2018.

This edition focused on the theme of "Journey Towards Eco-Friendly Two & Three Wheeler". This conference addressed issues and concerns of increasing carbon footprint, burning of fossil fuels, reduced emission to improve air quality and finding greener alternatives in fuels. It also brought the key stakeholders like OEMs, Tier-1 & 2 suppliers and service providers including component manufacturers together to brainstorm on the path towards eco-friendly Two & Three Wheeler to transform the scenario and find durable solutions to hybrid and electrification of Two & Three Wheelers. It also ensured compliance with BS-VI regulations to align the industry with the expectations of the policy makers and the Industry Stakeholders. Padmashri & Padmabhushan Dr. S. B. Mujumdar was the Chief Guest for the inauguration of Conference and Exposition. SAEINDIA

felicitated the stalwarts with Lifetime Achievement from Education and Industry for their contribution in respective areas. The dignitaries' names and brief profile are as follows:

1. Padmashri & Padmabhushan Dr. S. B. Mujumdar – Founder, President and Chancellor of Symbiosis International University. He is M.Sc in Botany, Ph.D in Microbiology from Pune University.
2. Mr. Ravi Chopra – Chairman, Piaggio Vehicles Pvt. Ltd. He has Degree in Science and Engineering and attended Advanced Management Program at Harvard Business School.
3. Mr. M. S. Keshav - He is B.Sc Engg. B.I.T., Ranchi, M.E. (I.C Engg.), I.I.Sc. Bangalore, M. Sc. Engg. (Automobile Design) Cranfield, U.K. He has worked in various areas in Two Wheeler industry.

The event featured parallel technical sessions including 2 Plenary Sessions, 6 Technical Presentation Sessions and 1 Panel Discussion, on the topics of current interests of fast-growing sector in Two & Three Wheeler industry. Overall, 15 Topics were presented in 6 Technical Presentations. These sessions provided knowledge sharing platforms for the mobility fraternity to exchange ideas, benchmark the best industry practices, discuss the open ideation processes and leverage opportunities from different regions of the world. The concurrent exposition was a gallery to showcase products / technologies in the "Two and Three Wheeler" domain from OEMs, Ancillaries, Proprietary units and Battery Technology suppliers. Two & Three Wheeler Conference offered multiple opportunities for participants to showcase / demonstrate their work, products and technologies. Mr. Babasaheb Ajri, Regional Transport Officer, Pune was Chief Guest for the valedictory session.

Supported By:

Mr. K. Venkataraj,
Deputy Director General, SAEINDIA.

Mr. D. Seshadri,
Executive Director, SAEINDIA.

Created By:

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