



Newsletter of SAEINDIA Southern
Section.

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Successful Conclusion of 6th National Conference on Automotive Infotronics



The last event in the SAEINDIA Southern Section calendar for 2010 was also the most awaited event in the calendar. The 6th National Conference on Automotive Infotronics was held successfully in Anna University Campus on 17-18 December 2010. Dr Andrew Brown, President, SAE International was the Chief Guest. The Conference attracted participation from hundreds of delegates. A total of 8 technical sessions covering a total of 23 presentations were delivered on diverse technical streams such as PLM, Electric /Hybrid Vehicles, Powertrain Controls, In-Vehicle networks, Automotive Simulation and Modelling, Electronics in Two and Three Wheelers, Advanced Driver Assistance Systems, Embedded Systems in Automotive Fields. The Conference was Chaired by Dr Arunkumar Sampath of AIPL.



Conference Chairman, Dr Arunkumar Sampath welcomed the participants and introduced the theme at the inaugural programme.



Dr Andrew Brown also honoured Dr Aravind Bharadwaj for having served on the board of SAE International with great distinction. (L-R in the picture, Mr Asit K Barma, Chairman SAEINDIA Southern Section, Mr R Dayal, Chairman, SAENIDA, Dr Mannar Jawahar, Vice Chancellor, Anna University, Dr Aravind Bharadwaj, Dr Andrew Brown, Chairman SAE International, Dr David Schutt, CEO SAE International and Dr Arunkumar Sampath.)



Dr V. Sumantran, Executive Vice Chairman, Hinduja Automotive Limited, delivered the Keynote address at the Valedictory Programme. Dr Sumantran explained how Infotronics and related technologies are enabling so much more to be done for the benefit of the user. Dr Sumantran also highlighted that the changes are impacting not just the product and the user experience, but the science of engineering itself.



Mr S. R. Marathe, Director ARAI spoke on safety aspects of mobility and emphasised that there is significant progress to be made in this area.

'A World in Motion' Programme for Teachers and Students Organised by SAEISS

A World in Motion (AWIM) programmes are designed to encourage teachers and students to explore a scientific journey by

integration of concepts and experiences in the mobility domain. SAEINDIA Southern Section conducts these programmes from time-to-time. Two editions of this programme were conducted by SAEINDIA Southern Section on 26-27th Nov 2010 and 03-04th Dec 2010. These programmes were led by Mr. C. Shanmugam.



A typical AWIM programme has a challenge based learning approach wherein the participating teams are given a problem, and provided material to come up with a vehicle that meets the requirements of the challenge.



Teams working on the problem during the programme.



A vehicle developed by a team!



AWIM Programmes are Known for camaraderie and fellowship. A team proudly displays with their vehicle that they designed and fabricated in the programme.

Automotive Student Orientation Program (aSOP) Relunched

SAEINDIA Southern Section has launched Automotive Student Orientation Program (aSOP) that prepares students for opportunities in Automotive Industry once they graduate. aSOP envisages taking engineering students in the second year itself in the programme and providing them rich industry level exposure to prepare them for career opportunities in the automotive sector. Mr. Selvamani is the Coordinator of aSOP and Wabco-TVS is the industry partner. At the moment, the programme is operational at Rajalakshmi Engineering College and B.S. Abdur Rahman University. SAEISS may add more

institutions in due course.



Immediate Past President of SAEINDIA, Mr M.S.Kumar spoke at the inaugural programme. Mr Kumar encouraged participants to work hard and gain optimally from the programme.



Participants at the aSOP kick off.

Are You Connected with SAEISS on Facebook?

In order to stay connected with the member community closely, SAE India Southern Section invites you to join us via Facebook. At our Facebook page, we post event updates, announcements, pictures etc. We also hope to hear your thoughts and ideas pertaining to the mobility industry, any of our events or activity etc. Do consider this as an open invitation!

 [Click here!](#)

TopTech Programmes lined up for Jan-March 2011

SAEISS has lined up Top Tech programmes all through this quarter. These programmes are led by reputed industry experts and the tentative programme titles are as follows - TQM, Design of Experiments, Reliability, Engineering Plastics, Reverse Engineering, Geometric Dimensioning and Tolerancing(GD&T). To know more about these programmes and how to participate, please get in touch with SAEISS office at toptech@saeiss.org.

Six Sigma Lecture Programme Organised by SAEISS

Mr. N. Anbu Chezian, 6 Sigma Master Black Belt & Caterpillar Production System Deployment Champion, Caterpillar India conducted a lecture programme for members of the section on 26th November 2010. The lecture was presided over by Prof. P. Appalaraju, Dean Asan Memorial Institute of Management, Chennai. The participants' response to this programme was quite encouraging and a six sigma Top Tech programme is under consideration.



Student Club Inaugurated at Magna College of Engineering

Magna College of Engineering became the latest addition to the list of institutions having their own collegiate club. Aptly titled Cerebro, the club was launched by SAEINDIA Southern Section Chairman, Mr. Asit K Barma.



Mr J Devadas Nayagam(Founder and Chairman, Magna College of Engineering), Prof Dr S Natarajan(Senior Consultant), Mr P Suresh Mohan Kumar (Principal) also spoke on the occasion.



Students seen with the logo of Cerebro. Mrs Ruby Devadas(Vice Chairperson, Magna College of Engineering) unveiled the logo at the inaugural programme.

Cummins Executive Richard E. Kleine Elected 2011 SAE International President

SAE International's voting membership has elected Dr. Richard E. Kleine as its 2011 SAE International President. Dr. Kleine is Vice President, Quality and Business Enterprise for Cummins Inc. Dr. Kleine served as SAE International's Sector Vice President-Commercial Vehicle from 2008-2010. He also is a member of the SAE Commercial Vehicle Executive Council. Dr. Kleine has been with Cummins since 1981. He has held various leadership positions in engineering and

marketing. Prior to his current role as head of Cummins MidRange Engine Business Quality organization, he was Vice President of the Off Highway business group. Other positions he has held include Executive Director of Automotive Customer Engineering, Director of the Automotive Business located in the UK, Director of Automotive Marketing and Product Planning; Chief Engineer of Advanced Concepts; and Manager of Application Engineering for Automotive and Industrial products. Dr. Kleine holds bachelor and master of science degrees in Technology Education from Indiana State University; and a Doctorate in Technology from West Virginia University. He has been a member of SAE since 1986 serving on numerous committees including the Commercial Vehicle Activity Committee; the Commercial Vehicle Engineering Operations Activity Executive Committee; and the Buckendale Lecture Committee. Dr. Kleine's one-year term will begin in January 2011. He takes over from Dr Andrew Brown, CTO, Delphi Corporation.

Send us your feedback!

At SAEINDIA Southern Section, we remain keen to hear from our members. If you have any feedback regarding this newsletter, we look forward do your communicatiion at feedback@saemailer.com .
