Dr. Mahadevan praised the initiatives taken up by the SAEINDIA Managing Committee headed by the President Mr. Shrikant R. Marathe in forging strong relationship with SAE International on various fronts.

He also commended the efforts of SAEINDIA Publications Board and the support staff in taking the initiatives fast forward and wished them all the best to make this venture successful.

SAEINDIA & SAE International – co-branded Technical Magazine

A Memorandum of understanding was signed between SAEINDIA and SAE International to promote a co-branded Technical Magazine during the SAEINDIA Publications Board Meeting held on 5th June 2013 at Hotel Le Royal Meridian, Chennai.

The MOU was signed by Mr. Asit K Barma, Chair, SAEINDIA Publication Board and Mr. Scott Sward, Director, Sales & Marketing – Global, SAE International in the presence of Dr. R. Mahadevan, Prof. M.K.G. Babu, Mr. Murli Iyer and other Publications Board Members.

The quarterly technical magazine will carry articles from all three verticals viz., Aerospace, Automotive and Off-Highway.

The launch of the magazine is planned during the forthcoming SIMCOMVEC on 4th December 2013. To begin with, the Editorial Board Leaders has decided to feature 80% of content from SAE publications along with 20% from contributors in India.

The Editorial Board is initially planning to invite articles from leaders and members of SAEINDIA for the first few issues of the Magazine. The magazine will be distributed at free of cost to SAEINDIA Professional Members and will be available on open circulation.

This MOU is construed to be a part of the primary MOU signed with SAE International on 22nd February 2013.

Status Update - SIMCOMVEC

- The heat is on.... Close to 300 Abstracts are received
- 1st Steering Committee meeting was held on 1st April 2013 at Hotel Le Royal Meridian, Chennai.
- Notifications for Abstract Acceptance are being sent
- Technical Paper Review to be done online using SAE’s My Tech Zone.
- 2nd Steering Committee Meeting was held on 13th June 2013 at MRV, Chennai.

http://www.simcomvec.org/
SAEINDIA

SAEINDIA Managing Committee Members.

Mr. Shrikant R. Marathe
President

Mr. R. Dayal
Immediate Past President

Dr. Aravind S. Bharadwaj
Sr. Vice President & Chair, Finance Board

Dr. R.K. Malhotra
Vice President & Chair, Meeting & Exposition Board

Dr. Bala K. Bharadwaj
Vice President & Chair, Aerospace Board

Dr. Arun Jaura
Vice President & Chair, Automotive Board

Mr. I.V. Rao
Chair, Membership Board

Mr. Asit K Barma
Chair, Publications Board & Web/Media

Mr. C.V. Raman
Vice Chair, Publications Board & Web/Media

Mr. Ramesh S. Pasarija
Secretary

Ms. Pamela Tikku
Joint Secretary & Chair, Section Board

Dr. G. Nagarajan
Treasurer & Vice Chair, Finance Board

Mr. G. Vijayan
Joint Treasurer & Member, Finance Board

Dr. K.C. Vora
Chair, Development Board

Prof. S.K. Gupte
Vice Chair, Development Board

Mr. Sanjay P. Deshpande
Vice Chair, Membership Board

Mr. Prakash V. Sardesai
Chair, PDP Board

Dr. S. Thirumalini
Chair, Engineering Education Board

Mr. Devendra Bahirat
Chair, Off-Highway Board

Mr. A. Akbar Badusha
Vice Chair, Meeting & Exposition Board

Representing SAE International

Dr. David L. Schutt

Mr. Murli M. Iyer

SAEINDIA

New Look

www.saeindia.org

Change is permanent, progress is optional. SAEINDIA does not leave any stone unturned in its commitment to serve its member in the best possible way. The New Look of SAEINDIA website rings the message that SAEINDIA stays tuned to the needs of the members always.

The new website with features like membership management solution, payment gateway integration is all set to go live around the third week of July 2013.
Lecture Series

Automotive Heat Transfer

A series of 2-Day International Lectures are being jointly organized with SAE International as part of new initiatives under Professional Development Programs. The 2\textsuperscript{nd} International Lecture Series on Automotive Heat Transfer was conducted by Dr.Raj Ranganathan at two locations at Chennai and Pune on 23-24 Apr, 2013 & 25-26 Apr, 2013 respectively.

Nearly a hundred delegates took part in the two-day seminars representing every segment of the automotive industry.

Dr.Raj Ranganathan is the Senior Vice President (Technical) for Showatech, Inc. He has co-authored over 40 papers, patents, patents pending and proprietary research reports.

The two-day seminar covered an exhaustive range of topics in design for heat transfer namely, Engine cooling and lubrication systems, Exhaust system, after-treatment components, Tail pipe gas temperatures, thermal interactions between the engine and its exhaust system with the components in the vehicle under-hood and under-body etc.

The learning objectives of this program targeted formulation of solutions to heat transfer problems in optimizing component design for durability. Techniques to facilitate thermal management of exhaust after treatment devices and tail pipe exit gas temperatures for diesel vehicles were also dealt at in detail.

This unique course gave an in-depth study into thermal considerations spanning the entire vehicle, providing subsystem specialists with an overall perspective of the issues and constraints in subsystems of a vehicle.

Voice of Delegates:

“The knowledge of the instructor and detailed study on the topic was commendable. Very good topic, covering good details, and useful references to SAE Papers.” - Mr.Sridhar Rao, Mahindra & Mahindra

“Dr.Raj Ranganathan is highly knowledgeable. Seminar was very interactive and gave a deep insight on different aspects of Heat Transfer.” - Mr.Ashwaq Pasha Shaik, Maruti Suzuki India Ltd

“Informative seminar on rarely touched topics. In depth capture of problems & advised solutions which are practically feasible to implement.” - Mr.Yogesh Kumar, Tata Motors

CONGRATULATIONS!!!

Mr. SRIVATS RAM
Managing Director, Wheels India Ltd.
Chairman, Steering Committee, SIMCOMVEC.

Mr. Srivats Ram has been elected unanimously as President of Madras Management Association joining the Stadia of Honour with Mr. M.S. Kumar, Past President of SAEINDIA.
Sound Package Material

The next international lecture series in cast was the NVH Lecture “Sound Package Material for Vehicle Noise Control” by Dr. Pranab Saha.

Dr. Saha, the Principal Consultant and co-founder of Kolano and Saha Engineers, Inc. is a well-known authority on automotive acoustics, sound package materials, and body interior systems. He has directed and participated nationally and internationally in numerous advanced noise control engineering programs for OEM companies and their suppliers. He has been directly involved with developing various standards, for evaluating the performance of acoustical materials.

This lecture series started as an exclusive, customized in-house program for Mahindra & Mahindra, on 13-14 June, 2013 at Mahindra Research Valley and was followed by open enrollment programs at Chennai & Pune on 18-19 June & 21-22 June 2013 respectively.

The seminar focus was on new advances in acoustical materials, primarily in absorption materials that impact the vehicle acoustics, including the fundamentals of NVH &

Voice of the Delegates:

“Excellent, well organized and delivered. Satisfied personally having gained knowledge. Professionally this will help me to contribute to my organization.”

S. Kumaraswamy
LMS

“Seminar was good, informative and improved knowledge in Acoustic material package designing. Queries were cleared well.”

Manasi. P. Joshi
ARAI

“Beauty of learning from the best of the best in the industry – SAEINDIA Thank you”

Pradeep Kumar M.R
MBRDI
SAEINDIA

SINE – 2013

SAEINDIA Off-Highway Board inaugurated its unique program SINE’2013 (Student Industry Education) on 2nd June 2013, at the auditorium of Cummins College of Engineering for Women, Pune. The theme of SAEINDIA Off-Highway board for this year is "Growth through Diversity". Under this program, applications were called for from all collegiate clubs of SAEINDIA. Out of which, 22 women engineering students members of SAEINDIA were selected based on their involvement in SAEINDIA Activities and academic performance. These 22 students went through a 15-day residential training in Off-Highway companies in Pune. John Deere, Escorts JCB, EATON, PTC, ARAI & Cummins actively supported this program by giving a unique opportunity to the students, a hands-on learning experience to the students within their respective organizations.

Ms Lila Poonawalla was the chief guest of the Inaugural session and the key note speaker of the session. The event was well attended by representative from students and college staff.

Dr Vilas, Vice-principal of Cummins College welcomed the guests and shared the thought on "Educating a woman is educating a generation". Dr Arun Jaura, Vice-President of SAEINDIA shared the vision of SAEINDIA and importance of the program like SINE'2013.

Mr Devendra Bahirat, Chairman Off-Highway Board said, "diverse workforce is crucial for accelerating growth of the companies". He gave a brief introduction of the board and sponsor companies. In his speech, he shared a macro level idea on what students can expect from all the companies.

Mr Amar Variawa, Secretary, Off-Highway Board proposed a vote of thanks to –the principal and staff of Cummins college, Chief Guest, all the Board Members, operating committee members, convener of the event, SAEINDIA and its Western section and finally students and their parents.

On 14th June 2013, the SINE’2013 program of SAEINDIA Off-Highway Board was concluded with Valedictory session at Hotel Sayaji in Pune. Valedictory session was a summary of last 2 weeks of experimental learning in Off-Highway companies - Eaton, John Deere, Escorts, ARAI, PTC, Cummins and JCB. The participants were asked to present their key learning from SINE’ 2013 and thoughts on how SINE can be more sustainable in the future.

The chief guest and key note speaker of the Valedictory function was Dr Shalini Lal; Chief Human Resource Officer - Escort Agri Machinery. The event was graced by Padmashree Ms Lila Poonawalla, Off-Highway industry representatives and 22 participants of SINE.

Ms Poonawalla congratulated all the 22 candidates for getting selected for this program and encouraged participants to - Be confident, Fight on equal grounds and Make hands dirty. She also urged them to carry couple of takeaway from all the visits and practices them in the career ahead. She was pleased to know the theme of the Board and such initiatives from Off-Highway industry.
SIMCOMVEC - SAEINDIA International Mobility Conference & Commercial Vehicle Engineering Congress is organized by SAEINDIA & SAE International from 4th to 7th December 2013

Event Features
Forums, presentations, and discussions by automotive and commercial/off-highway vehicle industry leaders and innovators, focusing on global issues relating to technology, business, processes and challenges facing our industry today and in future. Cutting-edge technical sessions for engineering professionals to learn, discuss, and benefit from the latest trends.

Technology Theatre
SIMCOMVEC Technology Theatre provides an opportunity for companies to make presentations showcasing their technologies. These presentations are reviewed by a panel of experts and will focus on the latest advancements in automotive technology for absorption and application in design and development, production, process testing and quality control.

Panel Discussions
Panel discussions with eminent personalities from automotive industry, Government and Academia are planned. Among these, one panel discussion will focus on intelligent transportation systems to draw a road map for effective ITS systems for public transport.

Technical Sessions
Technical papers for these sessions have been invited from around the world, which will be screened, selected and awarded SAE International number as per SAE International norms. "Four papers per session” will be presented during the sessions.

SIMCOMVEC 4 REASONS WHY YOU MUST ATTEND?

Technical Program
Enhance your skills and creativity as you and your engineers will learn from a large assembly of expert engineers through technical sessions which are both relevant and stimulating.

Global Peer Networking
Take advantage of networking opportunity to discuss challenges and ideas with industry peers during the sessions and gain invaluable improvements and solutions.

Innovation Pavilion in the Exposition
Discover new companies and innovative technologies from OEM, top-tier suppliers, industry related companies and young researchers form Institutions worldwide. Take advantage of this exclusive opportunity.

Ride and Drive
Ride and Drive is an exciting concept being introduced for the first time in India for OEMs to showcase the superior technology and ergonomic design. You will be part of this unique initiative.

Key Dates

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
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<tbody>
<tr>
<td>Abstract Online Submission</td>
<td>7th June 2013</td>
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<tr>
<td>Abstract Review</td>
<td>31 June 2013</td>
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<tr>
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<td>15 July 2013</td>
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<td>Draft Manuscript Online Submission</td>
<td>1 Aug 2013</td>
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<tr>
<td>Editing &amp; Formatting of Paper</td>
<td>30 Oct 2013</td>
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<tr>
<td>Printing of Proceedings</td>
<td>15 Nov 2013</td>
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<tr>
<td>CD’s of Proceedings</td>
<td>30 Nov 2013</td>
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SIMCOMVEC is sure to span the length and breadth of all SAE Members throughout the world. The number of technical paper registration is by itself a standing example for the above statement. There are close to 300 registrations for the technical papers presentation and the crux is that most of it is from industry professionals. SAEINDIA has set the platform for knowledge dissemination through SIMCOMVEC.
BANGALORE SECTION

Annual Meet-SAEINDIA, Collegiate Club

Annual meet at MVJ College Of Engineering, Bangalore on 19th May 2013, to mark the completion of one year of the SAEINDIA Collegiate club. Mr.K.P.Murthy, Management Committee member and Vice chair, student activities, SAEINDIA, Bangalore section inaugurated the event and Mr.Anoop Srinivasan, Management Committee member, SAEINDIA, Bangalore section addressed the student gathering.

Inauguration of SAEINDIA Collegiate Club

Inauguration of SAEINDIA Collegiate Club Canara Engineering College, Mangalore on 21st May 2013, by Mr.K.P.Murthy, MC member and Vice Chair, student activities, SAEINDIA, Bangalore section inaugurated the club.

SAEINDIA SECTION NEWS

Technologies and Materials for the Future Air Vehicle

SAEINDIA, Bangalore section co-hosted the event with UK Trade and Investment, Science and Innovation Network.

The Inaugural address was given by Munirathnam Javaji, Director, Assystems India Pvt. Ltd., also Management committee member of SAEINDIA, Bangalore section.

The welcome address was given by Mr. Ian Felton, Deputy High Commissioner, British Deputy High Commission, Bangalore.

It was followed by an overview of Indian industry and its technical areas by Dr.Karthik Krishnamurthy, CTO, Mahindra Aerospace.

There were presentations by UK academics on topics such as,

- The Intelligent, Connected Plane by Prof. Ian Jennions, Cranfield University, UK
- Intelligent UAVs in Climate & Atmospheric Chemistry Research by Prof. Constantinos Soutis, University of Manchester.
- The all composite aircraft – challenges and opportunities by Prof. Brian G. Falzon, Queen’s University, Belfast, UK.

This was followed by a presentation by UK based companies like BAE Systems, Blue Bear Systems Research, Delcam and Group Rhodes.

A panel discussion was held on Future Technology Trends in Aerospace headed by Mr.Srinivas Duvvuri. And the panel members were Prof.Ian Jennions, Prof.Constantinos Soutis, Prof Brian G. Falzon, Dr.Adrian Murphy, Mr.Andrew Shaw.
NORTHERN SECTION

Durability Engineering Applications
5th April 2013
the Westin, Gurgaon

SAENIS in collaboration with LMS organized a one day seminar on “Durability Engineering”. The seminar mainly focused on the fundamentals of testing based on durability engineering process. The keynote speaker was Mr. Swen Vandenberk, Expert – NVH & Durability (Test) LMS International, Leuven, Belgium.

The seminar saw a participation of around 30 people from companies like Honda, Hero, Maruti and other suppliers as well the colleges around NCR. Mr. I.V.Rao (Chairman, SAENIS & Executive Advisor, MSIL & Director, Maruti Centre of Excellence) gave the closing address and presented mementos to the speakers.

Sustainable Companies through Sustainable Products
24th April 2013
India International Centre, New Delhi

One day Workshop on “Sustainable Companies through Sustainable Products: A Holistic Environment Management Approach with LCA” was organized by PE Sustainability Solutions Pvt Ltd, a subsidiary of PE International AG, Germany, in association with SAENIS The key objective of the event was to acclimatize the audience about the life cycle assessment approach and methodologies, eco-design, understanding Product Carbon Footprint etc. The event started with a welcome note from Mr. Virendra Mathur, Principal Consultant, PE Sustainability Solutions Pvt. Ltd., India. Chief Guest for the event was Mr. Ravindra Dayal, Sr Advisor, Maruti Suzuki India Limited. Presentations on business value through LCA, applications of LCA were given by eminent speakers.

MANFEX - 2013
A two day “International conference on Manufacturing Excellence” was hosted by the Department of Mechanical & Automation Engineering, Amity School of Engineering & Technology, Noida to provide a platform to engineers and researchers to present their research expertise.

The conference aimed at providing opportunity to get an exposure to latest trends in design and development in varied fields, such as thermal engineering, industrial management, materials and manufacturing technology to achieve manufacturing excellence. Main highlights of the event included plenary sessions and invited talk by experts, presentation of shortlisted technical papers, case studies by industry professionals and special session for students including poster presentation of selected papers.

ED, SAENIS, Mr. Anup Kacker highlighted the activities of SAEINDIA and SAENIS at the conference and requested for stronger participation of students and faculty from engineering colleges. SAENIS also sponsored the Best Paper award at the event.

Meeting with iCAT on SAE NIS Activities & Plans
Mr Anoop Kacker, ED, SAENIS visited iCAT on 3rd June to share the activities & plans of SAENIS.

A presentation on “Overview of the Auto Sector & Future Plans of SAENIS was made.

Suggestions made by participants were deliberated on how to add more value for the members.
Change agents were identified who would spearhead SAENIS activities in iCAT.

Virtual EFFICYCLE 2013
June 2013

EFFI-CYCLE – An SAENIS Initiative, Started in 2010
Effi-cycle – is a student design competition involving design and fabrication of three wheeled vehicle powered by human cum electric hybrid power. 190 teams have registered for this year event.

In the 4th season, virtual round is being organized in 6 zones nationwide at the following location:

- IIT-Patna
- UIET-Chandigarh
- SRM University-Chennai
- Amrutvahini College of Engineering-Sangamner
- Jamia Milia Islamia-New Delhi
- Dayananda Sagar College of Engg.-Bangalore

Successfully completed four zones virtual round in East zone-6 teams; North-1 zone-16 teams; South-1 zone-41 teams and in the West zone with 29 teams.

SAENIS EC Meeting

SAENIS EC Meeting was held on 13th June’13 at Hotel Radisson, New Delhi. Chairman, SAENIS, Mr. IV Rao delivered the Welcome address.

The major updates as discussed:
SAE International’s Key Initiatives with SAEINDIA were briefed by Mr. Murli Iyer, Mr. Alok Jaitley, Co-Convenor updated on progress of Efficycle 2013. Mr. Sandeep Raina, Co-Convenor updated on AWIM.
Mr. P. Panda, VC updated on Technical Seminar series. Mr. Deepak Sawkar, VC updated on student Activities.
SAEINDIA congratulates Mr. Venugopal, Managing Committee Member of SAEINDIA Coimbatore Division.

The presentation was appreciated by all the members. Most of the members shared their interest to get involved in SAEINDIA activities.

All the new SAEINDIA members expressed their strong desire to get involved in SAEINDIA activities including AWIM, Virtual BAJA & COMVEC.

**SAE EDGE was inaugurated during the First week of June this year. It is a training program for those students who got placed in WABCO INDIA Ltd, Chennai.**

The program had two main streams such as,
1. DESIGN
2. TESTING

And 6 students were selected under each stream. It was designed as an industry oriented program; it was split up as 15 day industrial training in WABCO INDIA Ltd. (Project work) and 31days instructional training at IRTT Erode. Covering the following topics which were felt very useful by the attendees,
- Reverse Engineering - Theory and practice
- Pro Engineer Modelling and Drafting
- Strength of Materials
- Material Selection and Manufacturing
- Engineering Surfaces, etc.

**SAEINDIA ORIENTATION at TATA MOTORS**
14th May 2013 was a big day for SAEINDIA, when SAEINDIA Western Section Co-ordinator, Dr. K. C. Vora along with Mr. Anurag Parmar & Mr. Sagar Murugkar gave SAEINDIA Activity orientation to TATA Motors Managers.

Mr. P. K. Banerjee, Head (Homologation & Product Evaluation) introduced and welcomed Dr.Vora and team. Dr. Vora gave presentation on various National & International activities of SAEINDIA (AWIM, BAJA, SUPRA, COMVEC, Workshops, Seminars, Tech-Talk Series lectures, Eminent Speaker Series etc.), and gave details of various SAEINDIA Boards including Automobile Board, Aerospace Board & Off-Highway Board. He also explained SAEINDIA membership benefits.

**Mr. R. Venugopal from Robert Bosch Engineering and Business Solutions (RBEI) Coimbatore wins "Best Manager Award"**

Mr. Venugopal R (RBEI/COR-Cob) wins "Best Manager Award" for the year 2012-2013. The award was given by Coimbatore Management Association, Coimbatore at a ceremony in Coimbatore.