



2<sup>nd</sup>

*Anniversary Issue*

सम्पत्तक





Hello Everyone,

I just turned 2!!!

On the occasion of my 2nd Anniversary I would like to share my story with you all.

I still remember and cherish 14th Dec 2010, the day when Mr.David Schutt (CEO, SAE International) along with Mr.I.V.Rao (Chairman, SAENIS) introduced me to SAENIS fraternity and released my 1st issue.

I was started with the aim of “providing a platform for enrichment of knowledge base of mobility practitioners within India by taking the advantage of opportunities ahead of them”.

Since my inception, I have gone through several transitions; from a minimalist design to a more vibrant facelift! And what I can gather from hearsay is that this change has been highly appreciated.

Throughout my journey of the last 2 years, I have always tried my best to keep you abreast with all the events and seminars taking place around the globe. I hope I have been successful in timely delivery of information to you. I always try to come up with something new so as to keep you inquisitive about the next issue.

Also, I would like to thank my voracious readers for reading and keeping my spirit alive. I hope I will get similar responses in future too.

In my Anniversary issue, let me take you through my past and give you a quick glance of all the major happenings that I have witnessed in my 2nd year of existence.

# Sampark

**SAEINDIA**  
NORTHERN SECTION

The Engineering Society  
For Advancing Mobility  
Land Sea Air and Space



*Flip through the pages to see a flashback of **Sampark's** journey so far.....*

*Also covered in this issue are :*

*\* Seminar on Future Trends in Passenger Car Engine and Lubricant Technology*

*\* Seminar on Clutch Technology*

## NEWS FLASH

*St. Columba's School, Delhi came out with flying colours by emerging Winners in the AWIM Nationals, Indore, 2nd time in a row....*

*Next destination is AWIM International Jet Toy Olympics, April 2013 @ Detroit....*

**Kudos to the Team!!!!**

I would like to congratulate SAENIS **Sampark** team for their unrelenting hard work in bringing out interesting newsletter month after month. Two years back on 14th December 2010 our first newsletter was released in the presence of Mr. David Schutt, CEO-SAE International and Mr. I V Rao, Chairman-SAENIS.

We started this initiative to provide a platform for information sharing and idea exchange among the members and it has reached out to not only people from automobile sector but also to student fraternity. Our readership has been increasing and we are planning on taking the idea further to other sections of SAE as well.

Through our newsletter we continuously try to ensure the flow of knowledge from the experienced in the industry to the young readers. It's heartening to see that the various events organized by SAENIS are immensely useful to the members and the various initiatives being taken are helping in taking the cause of SAE to more and more people. I am glad to inform you that this year SAENIS has successfully organised a total of five technical seminars and a host of other student activities like EFFICYCLE and AWIM which saw unprecedented participation from students. It also gives me immense happiness to share with you that St. Columba's School from Northern region has won the AWIM Nationals and will be participating at the International Olympics to be held in Detroit next year.

In the coming year our focus is on giving a fresh look to **Sampark** and including new sections which cater to the interest of readers from different backgrounds. For this we require the support of our readers in giving us feedbacks which would guide us towards further refining the design and content.

Wishing all the readers a Merry Christmas and a prosperous New Year- 2013.

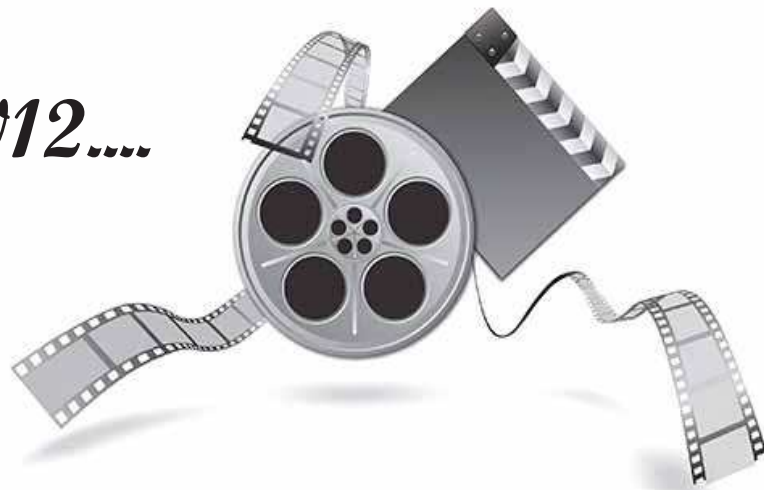
**Dr. Tapan Sahoo**  
Secretary- SAENIS



# Flashback.....



# The year 2012....



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## Future Trends in Passenger Car Engine and Lubricant Technology : 4th December'12

A seminar on "Future Trends in Passenger Car Engine and Lubricant Technology" was conducted by SAENIS in association with Shell India Markets Private Limited on 4th December 2012 in Gurgaon.

The seminar was targeted towards practicing engineers, students and faculty interested in Engine Technology, Lubrication, Emissions, Fuel Economy improvement and related areas.

In India, at present Shell is into Lubricants, Bitumen, Retail, Marine, Aviation, Licensing, Trading, Gas, R&D and Financial Business Service.

The Keynote Speakers were Dr. Simon Dunning, Global technology Manager-Shell Global Solutions (UK), Mr. Shaun Wakefield, Scientist- Shell Global Solutions (UK), Mr. Naoyuki Tachiki, Product Application Specialist- Shell Global Solutions(APAC), Mr. Purushottam Panda, Vice President (Powertrain)- Maruti Suzuki India Ltd.

The Seminar started with a Welcome address by Mr.I.V. Rao (Chairman, SAENIS and Executive Advisor, MSIL and Director, Maruti Center of Excellence). This was followed by a presentation on Global trends in passenger car engine oil.

Mr. Purshottam Panda briefed about Improving Fuel Efficiency Of Vehicle Fleet- Removing Of Muda In Integral Way.

Mr. Shaun Wakefield gave a presentation on Fuel Economy And Role of Lubricants.

Mr.Naoyuki Tachiki then briefed about Showa, the Shell R&D Facilities in Astugi, Japan.

To conclude the event, a vote of thanks was given by Mr. I.V. Rao and mementos were presented to the speakers.




 A circular badge with a scalloped edge, featuring a sunburst pattern and stars. A red ribbon banner across the center reads "2nd ANNIVERSARY".
 

2nd  
ANNIVERSARY

## Clutch Technology

SAENIS with LuK India Pvt. Ltd. organized a seminar on Clutch Technology on 19th December 2012 at Country Inn and Suites, Gurgaon.

The half day seminar was focused on giving a brief on the transmission technology particularly clutch systems.

The keynote speaker was Mr.Suresh Krishanaswamy Naig.

Mr.Suresh Krishanaswamy Naig is a Graduate in Mechanical Engineering from R.V. College of Engineering, Bangalore University and has more than 18 years of experience in Automotive Industry. At present, he is responsible for Design and Development department for LuK India Pvt. Ltd.

He explained about the basic Clutch Technology, the SAC (Self Adjusting Clutch), the DMF (Dual Mass Flywheel).

The seminar also gave an insight into the scope of these technologies and it was attended by more than 40 people not only from the industry (SPIL, MSIL amongst few) but also by students from NSIT, G B Pant College etc.

"The seminar explained about the basics and it briefly touched upon the new technologies. The topics like SAC, DMF etc should be taken up as a seminar in itself" was quoted by one of the attendees Mr. Praneet from MSIL.



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