



SPECIAL DISCOUNT ON GROUP BOOKING
 (MINIMUM 10 ATTENDEES FOR SAME SESSION
 10% DISCOUNT)

SKIP

Steering Systems & Vehicle Handling

Date : 23rd & 24th September 2016
 Speaker : Mr. S. Radhakrishnan M.Tech.
 (Retired) Vice-President (R&D) from Rane TRW Steering Systems Ltd.



Venue: SAEINDIA Southern Section, Block 1, modules 29 & 30, SIDCO Electronic Complex, Thiru-Vi-Ka Industrial Estate, Guindy, Chennai -600032. Phone: 044-42188651-52 mobile: +91-9094430924, E-mail Id: skip@saeiss.org Website: www.saeiss.org

Course Content

- **Steering Systems**
- **Fundamentals of Automotive Steering**
- **Different types of Steering Systems & Examples**
- **Steering Gears, Steering Columns & Steering Linkages**
- **Future Steering Systems**
- **Fundamentals of Vehicle Handling**
- **Major factors affecting Vehicle Handling**
- **Suspension system and Handling**
- **Steering system and Handling**

About the Course

Considering the prevailing traffic/road conditions as well as the burgeoning vehicle population in India, driving safety is of paramount importance. Vehicles that steer and handle well are a pre-requisite to ensure driving safety, apart from reliable Brake Systems.

This course aims at providing the necessary basic understandings and appreciation of the relevant concepts and technologies to those involved in designing and implementing the Chassis Systems, particularly the Steering System, to satisfy the handling requirements , unique to India.

In addition, the course will also provide a preview of the future technologies in these areas, to be taken into account, for planning future vehicles & systems. Comfort & fun of driving as other elements for good Handling

Benefits of attending the Course

The participants (Engineering students) would be in a better position to make relevant / appropriate choices, knowing the requirements to be met in respect of Vehicle Handling and Steering Systems.

Learning Objective

To provide a good grounding in the fundamentals of Steering Systems & Vehicle Handling, in addition to enhancing awareness of the various concepts and technologies available as well as the future trends in these areas.

Course prerequisites

Automobile Engineering / Mechanical Engineering + Auto elective, 2nd year or higher, Good understanding in Mechanics, especially dynamics.

Who should attend?

Engineering Student (Mechanical & Automotive and allied branch), Student Engineers involved in Chassis Engineering, analysis, Validation in the areas of Suspension, Steering, Vehicle Dynamics & Engineering Research students.

Course Date& Time

Steering Systems & Vehicle Handling	23 rd & 24 th September 2016
Timings: 9:00 a.m. to 12.00 p.m. & 1.00 p.m. to 5:00 p.m.	

Facilities provided during the course

- Networking Tea/Snacks
- Networking Lunch
- Delegate Kits
- Certificate and Course materials

Fee Structure (Two days)

Student Members	RS. 1500/-	Last date for Registration is 20 th September 2016
Registration fee for two days		

Pay course fee through DD/Cheque or Transfer to our account:

Name of the Account : SAEINDIA Southern Section Student Convention
Account No. : 32506106802 (Saving account)
Bank Name : State Bank of India
Branch Name : Kotturpuram, Chennai
IFSC Code : SBIN0001669

Enrolment Procedure

Use below link for Registration

- Online Registration Link: http://onlineregistration.saeiss.org/event_register.php

Subject Expert

Mr. S. Radhakrishnan, M.Tech.

Retired Vice-President (R&D) from Rane TRW Steering Systems Ltd, Chennai. Right through his career as Steering specialist, spanning 37 years, he has worked in various capacities in different automotive companies in India, i.e., Tata Motors (formerly TELCO)-R&D Pune, XLO (India) Nasik, Rane(Madras) Chennai and lastly Rane TRW Steering Systems Chennai. Had played a key role in bringing & popularizing Power Steering Systems on Indian vehicles. For this role he has been recognized by "Who's Who in Science & Engineering- 2008-09" Was involved in developing no of indigenous Steering (Manual & Hydraulic Power) Systems to replace imported ones on no of indigenous & MNC vehicles. His current interest is in developing concepts for energy efficient Steering Systems with enhanced safety & improved NVH and Handling performance.

About SAEINDIA Southern Section

SAEINDIA Southern Section is a premier society that serves the cause of mobility engineering. It is a unique society that includes professional engineers who serve different OEMS and Suppliers, academia as well as budding engineers (students) who aspire to be part of the professionally attractive field of mobility engineers. We believe that Mobility Engineering is a knowledge rich field and that learning and sharing can be fun and rewarding. To this end, SAEISS organizes several events throughout the year, runs programs that enrich and engage and conducts lectures and symposia. It is a part of SAEINDIA.

SAEINDIA is a Premier Professional society that serves the Mobility Engineering Community engaged in the design, manufacture and service of self-propelled vehicles and systems that move in land, sea, air and space. It is an affiliate society of SAE International which is head quartered in USA and has a glorious record of over 100 years of service to the mobility community. SAEINDIA works closely with other fraternal societies such as Society of Indian Automobile Manufacturers (SIAM), Automotive Component Manufacturers of India (ACMA) and American Society of Engineers of Indian Origin (ASEI) for spreading knowledge and relevant information to a wider cross section of the Indian community. It is also a member of International Federation of Automotive Engineering Societies (FISITA).

Further please contact:

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