



SAEINDIA Southern Section Toptech Program

Steering Systems & Vehicle Handling

on

27th & 28th March 2015 at Hotel Goutham Manor

Time: 9.00 A.M to 5.00 P.M

Venue: Hotel Goutham Manor, No.74, Nungambakkam High Road, Nungambakkam, Chennai-34

Course Content

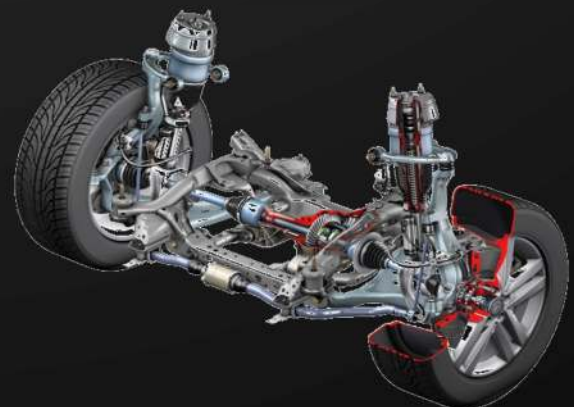
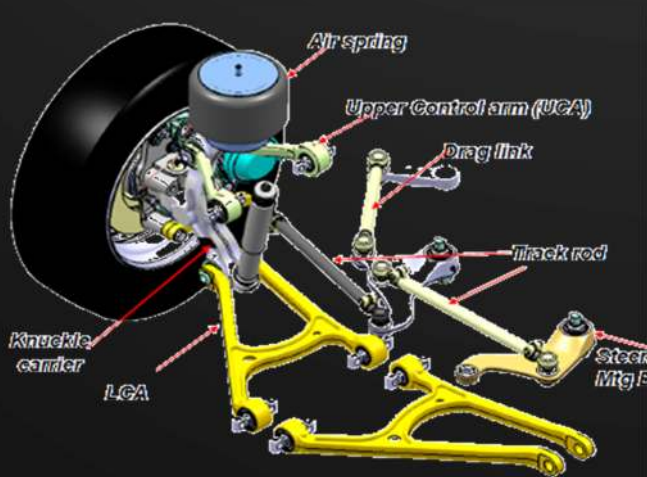
- Steering Systems
- Fundamentals of Automotive Steering
- Different types of Steering Systems & Examples
- Steering Gears, Steering Columns & Steering Linkages
- Future Steering Systems
- Fundamentals of Vehicle Handling
- Major factors affecting Vehicle Handling
- Suspension system and Handling
- Steering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



Who should attend?

Engineering Managers & Engineers involved in Chassis Engineering, analysis, Validation in the areas of Suspension, steering, Vehicle Dynamics

Benefits of attending the Course

The participants (from OEMs, Suppliers and Engineering Service Providers and 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.

Direct rack and pinion power steering system with constant transmission ratio

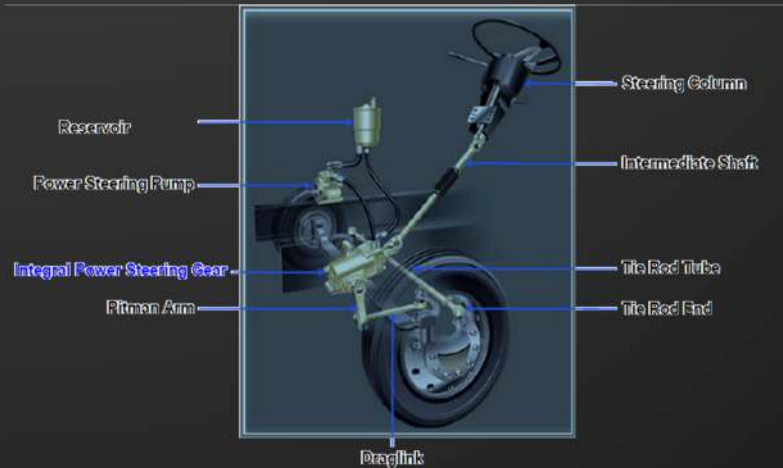


Course prerequisites

Participants would benefit more if they are Mechanical / Automotive Engineers, with at least 1 year experience, in the subject area

Objectives

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



Speaker: 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.

Benefit of the Participant

Benefit of the Participant	Non-Member	Member	Faculty Advisor
	₹ 13,000	₹ 10,000	₹ 4,000
Free Membership with Magazine	Yes	No	No
Discount for next program	Yes	No	No
Course materials with Softcopy	Yes	Yes	Yes
Networking Lunch with Tea & Snacks	Yes	Yes	Yes
Delegate Kits (BAG, File, Notepad, Pen)	Yes	Yes	Yes
Certificate	Yes	Yes	Yes
T-Shirt	Yes	Yes	No

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

Name of the account holder	SAEINDIA Southern Section Toptech
Bank Account Number	32506111653
Bank Name & Branch	State Bank of India, Kottur, Chennai
MICR Number of the Bank	600002023
IFSC Code of the Bank	SBIN0001669
PAN No.	AABAS2734H

Please send the completed registration form along with cheque / demand draft drawn in favour of “SAEINDIA Southern Section Toptech” payable at Chennai

DELEGATE REGISTRATION FORM

Name _____

Designation _____

Company/College _____

Address _____

E-Mail ID _____

Telephone _____

Mobile _____

T-Shirt Size L XL XXL

Signature

Mr. Arun Sivasubrahmaniyan / Vice Chair- Professional Development
Toptech Program Champion & Joint Secretary

To Contact

Mr. S. ILANGOVAN & Mr. S. MUKESH

SAEINDIA Southern Section

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