



SAEINDIA STUDENT KNOWLEDGE IMPROVEMENT PROGRAM

AUTOMOTIVE CHASSIS COMPONENT & SYSTEM

(Especially for Mechanical, Automobile Engineering students & future BAJA, FSAE SUPRA participants)

Two Days Workshop by SAEISS

Trainer: Mr. M. Rajesh, HOD/ Auto, KVCET

Date: 7th & 8th March 2015

SAEINDIA
SOUTHERN SECTION

Venue:

HENRY MAUDSLAY HALL,

CEG, ANNA University,

Guindy - 600025

Phone: 044-42188651-52 Mobile: +91-9790464679

E-mail Id: skip@saeiss.org Website: www.saeiss.org

Course content

DAY 1

Various components of automotive chassis, Chassis layout with respect to power plant location, Loads acting on the frame, Types of body, Front axle and Steering system.

Day 2

Rear Axle, Suspension, Transmission System and Brakes.

Objectives

To understand the construction and working principle of various parts of an automobile chassis. To study the constructional details and theory of drive line, structural, steering, braking and suspension systems of automobiles.

Benefits of attending this course

Since the course is handled by a person who is an experienced teacher, specialized in automobile technology, and has fourteen years of experience including automotive maintenance, the lectures will give invaluable information to youngsters who is interested in automobiles.

Who should attend?

The students studying in 6th semester of undergraduate course in Mechanical engineering or 4th semester of undergraduate course in Automobile engineering will find that most of the topics in the program cover their syllabus requirements of ME6602 or AT 6402 respectively. This program is designed for any automotive enthusiast. At the same time, this program is beneficial for the team members participating in competitions like Baja, Supra, FSAE, Go-Kart, Solar Vehicle etc.,

About the Course

This course is about the components and systems of an automobile. The Course will be through PPT presentation and animated videos.

Course Date & Time

AUTOMOTIVE CHASSIS COMPONENT & SYSTEM	7th & 8th March 2015
Start: 9:00 A.M to 12.00 Noon & 1.00 P.M to 4.00 P.M (Lunch 12 Noon to 1.00 P.M)	

How to enroll

Fee Structure (Two days)

Student Member	1500/-	Last date of Registration 2 nd March 2015
Registration fee for two days		

- Admissions would be on first come first serve basis and will be strictly through enrolment Procedure
- Limited seats per batch
- Special discount on group booking (minimum 10 attendees for same session- 10% Discount)

Facilities provided during course

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

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

Name of the account holder: SAEINDIA Southern Section Student Convention

Account No. : 32506106802 (Saving Account)

Bank Name : State Bank of India

Branch Name : Kottur, Chennai

IFSC Code : SBIN0001669

Enrollment Procedure

- Send us following details to skip@saeiss.org for registration
- Registration form enclosed or [Click Here](#)

Speaker Profile: Mr. Rajesh. M

He did his undergraduate in Mechanical Engineering at Nagpur University. He did his post graduate in Automobile Engineering at MIT, Chennai and is currently doing his research in automotive HVAC system.

He has undergone training in the *Mechanical Fabrication Facility [Electronics Group]* of ISRO, Trivandrum, Kerala, He started his career in a government approved workshop in Kerala.

Since 2006, he has been teaching engineering subjects in various engineering colleges in Kerala and Tamilnadu. At present, he is the Head of the Department of Automobile Engineering of KARPAGA VINAYAGA COLLEGE OF ENGINEERING & TECHNOLOGY, Madhuranthagam.

He was the Visiting Professor of Department of Automobile Engineering at MIT, Chennai from 2008 to 2009. He has published research articles in various national and international journals and has reviewed technical articles for SAE.

He was the faculty advisor of one of the first teams of BAJA SAEINDIA. He has acted as one of the BAJA Coordinators from SAEINDIA Southern Section. He had played the role of Technical Inspection committee member of BAJA SAEINDIA 2008. He was also a member of 'Engineering Education Board' of SAEINDIA during 2013-'14.

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 organises several events throughout the year, runs programmes 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).

For more Information

Website: www.saeiss.org



Further please contact:

S.PANNEERSELVAM

SKIP, Executive

SAEINDIA Southern Section

Mobile No: 9790464679.

Mail.id: skip@saeiss.org