



SAEINDIA STUDENT KNOWLEDGE IMPROVEMENT PROGRAM

AUTOMOTIVE ENGINES

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

Two Days Workshop by SAEISS

**Trainer: Dr. M. Senthil Kumar.
Mr. V.P Ranganathan.**

Date: 24th & 25th July 2015

Venue:

**SAEINDIA Southern Section,
Guindy, Chennai -600032**

Phone: 044-42188651-52

Mobile: +91-9790464679

E-mail Id: skip@saeiss.org

Website: www.saeiss.org

SAEINDIA
SOUTHERN SECTION

Course content

Day 1

Basic concepts on Automotive SI Engines and its various sub components along with its functions.

Day 2

Basic concepts of Compression Ignition Diesel engines, and the various subsystems used along with their functions, Diesel engine testing, Diesel engine emission.

Intended Learning Objectives

To understand the working principles and constructional details of automotive SI and CI Engines and the different sub systems like, Fuel and ignition system, lubricating system, cooling system etc., used along with their functions, Diesel engine testing, Diesel engine emission.

Benefits of attending this course

Since the course is handled by a persons who are experienced speakers, specialized in engine emissions, testings, etc., including alternative fuels, the lectures will give invaluable information to youngsters who is interested in automobiles.

Who should attend?

The students studying in undergraduate course in Automobile, Mechanical, Aeronautical engineering will find that most of the topics in the program cover their syllabus requirements and future developments. This program is designed for any automotive enthusiast.

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 Engines	24TH 25TH JULY 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 enrol

Fee Structure (Two days)

Student Member	1500/-	Last date of Registration 20 TH July 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(Day 1): Dr. M. Senthil Kumar

Presently working as Associate Professor in the Department of Automobile Engineering, Madras Institute of Technology, Anna University, Chennai, India.

He received his B.E. Mechanical engineering degree from Thiagarajar College of Engineering, Madurai in April 1993 and M.E. Automobile Engineering from M.I.T. Anna University in February 1996.

He obtained his Ph.D. from the Indian Institute of Technology Madras, Chennai in August 2003.

Later he did his Postdoctoral research in Ecole Des Mines de Nantes, France during January 2004 – March 2005. Subsequently he joined as Assistant professor in the same Institute (Ecole des mines Nantes, France) in July 2006 and worked for three years from July 2006 to August 2009. He has been teaching and guiding for Ph.D. students since 1996.

He has over 40 publications in highly reputed international journals, 30 papers in international conferences and one patent.

His main research interests include

1. Alternative fuels for CI engines
2. Dual fuel engines and
3. Engine Heat transfer studies.

Speaker Profile(Day 2): Mr. V.P Ranganathan

He is having more than 29 years' experience in Diesel Engine Design, Development and Testing and held various higher position in various companies.

In November 2006 Prof. V.P. Ranganathan joined the Simpsons and Co. Ltd. as Engineering Leader – Special Projects – DGM – Engineering and Development. Prior to that, he worked as Head, Design and Development at Jayam Automotives Ltd., Coimbatore from 2005 to 2006 and professor & Head, Department of Automobile Engineering, Hindustan College of Engineering from October 2002 to April 2005. Previously he was in Ashok Leyland Ltd., Product Development as a Deputy Manager from 1986 to 2002.

During his tenure he had the different job functions and responsibilities not only industries and also academia.

After his AMIE (Mechanical) from the Institution of Engineers (India) in 1982 he obtained the post graduate degree M.E. (Internal Combustion Engines) at College of Engineering, Guindy in 1985.

He is a member in the following Professional Institutions:

- 1)Associate Member of institution of Engineers (India)
- 2)Member of Society of Automotive Engineers
- 3)Member National Institution for Quality & Reliability
- 4) External Expert in Board of Studies in Automobile Engineering, Hindustan Institute of Technology and Science

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 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