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Shri .D. DURAISAMY, Chairman  
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## CO-PATRON

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Principal, S. A. Engg. College, Chennai.

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Chennai.  
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Chennai  
Dr.R.MAHADEVAN, Director, India Piston Ltd  
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Mr.N.S.SANTHOSH, General Manager-Training  
DELPHI-TVS DIESEL SYSTEMS LTD.,  
Mr.R.VENKATARAMAIAH, General Manager, Ferodo India  
Private Ltd.,  
Dr.V.BABU, Professor, IITM

## CONFERENCE CHAIRMAN

Mr.B.MADHU, HOD / MECH

## CO-ORDINATOR'S

Mr.P.ARUMUGAM, ASST. PROF. /MECH  
Mr.R.RAJKUMAR, ASST. PROF / MECH

## IMPORTANT DATES

Submission of Full paper : 10-01-2012  
Information of Acceptance : 20-01-2012  
Last date of Registration : 27-01-2012

## REGISTRATION FEE

PG students / Research scholars : Rs 750  
Faculty members : Rs 1000  
Delegates from Industries : Rs 1500

## SUBMISSION OF PAPERS

- ❖ Registration fee is to be paid by DD drawn in favour of "SOCIETY OF MECHANICAL ENGINEERS, S.A.ENGINEERING COLLEGE" payable at "Chennai" Shall be sent along with the registration form.
- ❖ After acceptance authors are required to submit full paper that not exceeding 6 (A4 size) pages conforming to the IEEE Format should be sent to [ncrtae2012@saec.ac.in](mailto:ncrtae2012@saec.ac.in)
- ❖ First page should include the title of paper, names of authors, their affiliations, Email address, and phone numbers with STD code. The author, to whom the communication should be made, must be clearly mentioned.
- ❖ All selected papers will be included in the proceedings of the conference. At least one registration for the conference is mandatory for every accepted paper.

For further details

Coordinator, NCRTAE'2012  
Department of Mechanical Engineering,  
S.A.Engineering College, Chennai-77  
Phone: 9789425298,9444354439  
Email Id: [ncrtae2012@saec.ac.in](mailto:ncrtae2012@saec.ac.in)

## CALL FOR PAPERS for NATIONAL CONFERENCE On RECENT TRENDS IN AUTOMOBILE ENGINEERING

NCRTAE '2012

Date: 4<sup>th</sup> February 2012

Organized by  
Department of Mechanical Engineering

In association with SAE



## S.A. ENGINEERING COLLEGE (NBA Accredited & ISO 9001: 2008 Certified Institution)

Poonamallee – Avadi Road, Veeraraghavapuram,

Thiruverkadu, Chennai – 600077.

Phone: 044-2680 1999, 2680 1499

Fax: 044-2680 1899

E-mail: [ncrtae2012@saec.ac.in](mailto:ncrtae2012@saec.ac.in)-

Mobile: 9789425298,9444354439

Website: [www.saec.ac.in](http://www.saec.ac.in)

## ABOUT THE INSTITUTION

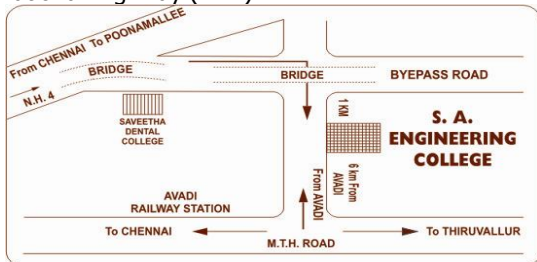
The S.A. Engineering College was established by the Dharma Naidu Educational & Charitable Trust in the year 1998-'99. The college is approved by AICTE Delhi and affiliated to Anna University, Chennai, Tamilnadu. The college is well-planned and well-designed with a build up area of more than 3 lakhs sq.ft. of constructed area. In recognition of quality system of high calibre being implemented in the administration of the Institution and achievement of its goals, M/s TUV has accorded ISO 9001:2008 Certification. All the under graduate programs offered are accredited by National Board of Accreditation (NBA). The college offers following 6 U.G programmes and 6 P.G programmes.

- B.E. - Computer Science and Engineering
- B.E. - Electronics and Communication Engineering
- B.E. - Electrical and Electronics Engineering
- B.E. - Mechanical Engineering
- B.E. - Civil Engineering
- B.Tech. - Information Technology
- M.E. - Computer Science and Engineering
- M.E. - Communication Systems
- M.E. - Embedded Systems Technologies
- M.E. - CAD/CAM
- M.B.A. - Master of Business Administration
- M.C.A. - Master of Computer Applications

The college maintains high standard of education by providing a wide array of world class of academic facilities, employing highly qualified and experienced faculty members and creating an ambience conducive of quality education.

## LOCATION

The college is located on the highway from Poonamalle to Avadi High Road at a distance of about 1 Km from Poonamalle Bye Pass Road of the Chennai- Bangalore National Highway (NH4).



## ABOUT THE DEPARTMENT

The department of Mechanical Engineering was established in the year 1998. **The department is recognized as R&D centre by Anna University.** The department of Mechanical Engineering is armed with qualified and experienced faculty members, class rooms equipped with AV aids, tutorial rooms, seminar hall and well established laboratories with Industrial and Research background.

## CONFERENCE THEME

The main objective of this conference is to explore the latest advancement in design, manufacturing and applications of mechatronics and informatics in the field of automobile engineering and also to reflect the current focus of global research, recent developments, challenges and emerging trends in the field of mechanical engineering.

## CALL FOR PAPERS

There are number of research areas related to the theme of the conference on which original papers based on theoretical & experimental works, related but not limited to, the following themes are invited:

## AREAS OF THE CONFERENCE

- Automotive Mechatronics
- Aerodynamics
- Structural Dynamics
- Vibrations
- Design and development of vehicle thermal management systems
- Sustainable and connected mobility
- Steering systems and vehicle handling
- Automatic transmission
- Automotive Infotronics
- Suspension systems
- Manufacturing and assembly
- Transport Phenomena
- Unmanned ground vehicles

## NATIONAL CONFERENCE on RECENT TRENDS IN AUTOMOBILE ENGINEERING

**NCRTAE '2012**  
**Date: 4<sup>th</sup> February 2012**

## REGISTRATION FORM

Name :  
Paper Title :  
Designation :  
Education :  
Organization :  
Mobile No. :  
E-mail :  
Contact Address :

Details of DD (in favour of "**SOCIETY OF MECHANICAL ENGINEERS,S.A.ENGINEERING COLLEGE**", payable at Chennai)

1. Amount :
2. DD No :
3. Bank and branch:

## Signature of Applicant

### DECLARATION

Dr./Mr./Mrs. \_\_\_\_\_  
is an student/employee of our institution and is sponsored/permitted to attend the National Conference conducted by the S.A.Engineering College on **4<sup>th</sup> February 2012.**

Place :  
Date :

**Signature of the Authority**