



# K.L.N.COLLEGE OF ENGINEERING

POTTAPALAYAM - 630611, SIVAGANGAI DISTRICT.  
( 11 km from Madurai city)

## DEPARTMENT OF AUTOMOBILE ENGINEERING

in association with **SAEINDIA**

ORGANIZES

2<sup>nd</sup> NATIONAL CONFERENCE ON

## “ MODERN TRENDS IN AUTOMOBILE ENGINEERING ”

### DAY 1 : Paper Presentation

Green Technology for automobiles  
Engine Management and Simulation  
Hybrid Power Train  
Alternative Fuels  
Advanced Automotive Electronics  
Automotive Structures and Body Design  
Advanced Industrial and Manufacturing Systems  
Advanced Materials Processing  
IT Applications in Automobiles  
Off Road Vehicles  
Advanced Motor Cycle Technology  
Advanced Suspension System  
Automotive Thermal System

3<sup>rd</sup> & 4<sup>th</sup> April 2013

### DAY 2 : T' Ecstasy13 Events

Modeling / Analysing  
Auto Photography  
C, C++ Programming  
Aeromodeling  
Auto Quiz  
B-Plan

For Registration Refer the brochure and web site

Organizing Secretaries

Mr. N. Raj Kumar Asst. Professor - 9486667977

Mr. S. Suresh Asst. Professor - 9597476972

URL : [www.mtaeklnce.org](http://www.mtaeklnce.org)

 T'ecstasy '13

email : [mtae2013@gmail.com](mailto:mtae2013@gmail.com)

Student Co-ordinators

A.ANBU JOEL - 9791484121

L.RAM ARAVINDHAN - 9500355517

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## TECHNICAL LANES

Green Technology for automobiles  
Engine Management and Simulation  
Hybrid Power Train  
Alternative Fuels  
Advanced Automotive Electronics  
Automotive Structures and Body Design  
Advanced Industrial and Manufacturing Systems  
Advanced Materials Processing  
IT Applications in Automobiles  
Off Road Vehicles  
Advanced Motor Cycle Technology  
Advanced Suspension System  
Automotive Thermal System

## ADVISORY COMMITTEE

Dr. P. Asokan, NIT, Tiruchirappalli  
Dr.S. Kumanan, NIT,Tiruchirappalli  
Dr. N. Jawahar, TCE, Madurai  
Mr.G.Hari, TVS Sri Chakra Tyres, Mdu  
Dr. P. Veeramani, CECRI, Karaikudi  
Dr. Shahul Hamid Khan, IIITD & M  
Mr. A. Kannan, VRDE, Pune  
Dr. J. Ramkumar, IIT, Kanpur  
Dr. I. Ilangovan, ACCET, Karaikudi  
Dr. Ambalavanan, CECRI, Karaikudi  
Mr. M. Sankar Kumar, MM Forgings Ltd., Mdu.  
Mr. S.M. Raja Vikkiran, SFL., Mdu.  
Dr. R.S. Prabakar, Ashok Leyland, Chennai  
Dr. A. Senthil Kumar, Anna University, Chennai  
Dr. M.R. Thansekar, KLNCE,Sivagangai  
Dr.K. Velmanirajan, KNCET, Nammakkal  
Dr.P. Marimuthu, SAEC,Ramnad  
Mr.P.S.Balaji Ford India, Chennai

## Chief Patron

Shri. K.N.K. Ganesh, President and secretary,  
KLNCE

## Patrons

Shri. P.K. Mothilal, Treasurer, KLNCE  
Shri. K.N.K. Karthik, Vice President, KLNCE  
Shri. G.R. Radhakrishnan, Joint Secretary, KLNCE  
Shri. K.B. RadhaKrishnan, GC Member, KLNCE

## Chair Person

Dr. A.V. Ram Prasad, Principal, KLNCE

## Convener

Dr. R.M. Satheesh Kumar,  
Professor & Head / Automobile Engg., KLNCE

## Organizing Secretaries

Mr. N. Raj Kumar  
Asst. Professor / Automobile Engg., KLNCE  
Mr. S. Suresh  
Asst. Professor / Automobile Engg., KLNCE

## Program Coordinators

Mr. R.V. Suresh Babu  
Asso.Professor / Automobile Engg., KLNCE  
Mr. J. Rajesh Babu  
Asso.Professor / Automobile Engg., KLNCE  
Mr. T.S. Ram Kumar  
Asst. Professor / Automobile Engg., KLNCE

## All Correspondence Should be made to :

Organizing Secretary MTAE 2013  
Department of Automobile Engineering  
K.L.N. College of Engineering  
Pottapalayam – 630 611  
Sivagangai District, Tamil Nadu.  
Phone : 9486667977,9597476972  
E-mail : mtae2013@gmail.com  
URL : www.mtaeklnce.org  
Fb : T'ecstasy '13

# 2<sup>nd</sup> NATIONAL CONFERENCE ON MODERN TRENDS IN AUTOMOBILE ENGINEERING

(MTAE – 2013)

03 - 04, April 2013



Organized by  
**Department of Automobile Engineering**  
in Association with SAEINDIA

## **K.L.N. COLLEGE OF ENGINEERING**

(Approved by AICTE, New Delhi,  
Affiliated to Anna University, Chennai,  
ISO 9001:2008 Certified Institution)

Pottapalayam – 630 611

Sivagangai District.

Phone : 0452 2090971, 2090972

Fax : 0452 2090070

URL : www.klnce.edu



## K.L.N. COLLEGE OF ENGINEERING

K.L.N. College of Engineering is the first self-financing Co-educational Engineering College in Madurai, started in 1994 by Philanthropist Amaran Thiru. K.L.N. Krishnan and well wishers in Sourashtra Community, which is a linguistic minority in Tamil Nadu. This college is sponsored by the committee of eminent industrialist and academicians lead by enthusiastic educationalist and industrialist Amaran Thiru. K.L.N. Krishnan. The courses offered in K.L.N.C.E are approved by all India Council for Technical Education, New Delhi. It is an ISO 9001:2008 certified institution and Affiliated to Anna University. K.L.N.C.E offers seven undergraduate Programmes, six postgraduate programmes and is a recognized research center of Anna University.

## ABOUT THE DEPARTMENT

The Automobile Engineering Department is established in 1999 with a mission to develop the student as techno excellent engineers. The department has well qualified and dedicated faculty with high academic standards, complete infrastructural facilities and maintains excellent interaction with industries. The Department is running SAE India collegiate club and the Automobile, Mechanical Engineering students are members of this club. The SAE club is regularly conducting technical events for the benefit of students.

## SAE COLLEGIATE CLUB

The SAEINDIA KLNCE Collegiate Club was inaugurated in the year 2008. The SAE Collegiate Club in the college started with 90 student members and the student strength of the club is continuously increasing year by year. SAEINDIA KLNCE Collegiate Club has been organizing various informative and interactive activities, which include regular technical paper presentations, Technical events, quiz, lectures by various eminent professionals from the industry and visit to various automobile industries.

## IMPORTANT DATES

Submission of full length of paper : 18.03.2013  
Intimation of acceptance : 21.03.2013  
Submission of final camera ready : 25.03.2013  
paper along with Registration fee

Details about preparation of the camera ready paper will be sent along with the acceptance letter.

## REGISTRATION

The registration fee is to be paid by demand draft in favor of "The Principal, K.L.N. College of Engineering" payable at Madurai.

## REGISTRATION FEE (per delegate)

U.G. Students : ₹ 500.00  
P.G./Research Scholars /Staff Members : ₹ 750.00  
Delegates from Industries : ₹ 1000.00

The registration fee includes Conference kit, Proceedings and refreshments. For publication of accepted paper in the proceedings, at least one author of the paper has to register.

For Participating in the T'Ecstasy '13 Events separate Registration has to be made. Refer the website for more details.

## MTAE 2013 THEME

The conference theme is "Environment and Energy" highlighting the vital role of Greener Vehicles in addressing the environmental issues. The Automobile today is in a transitional stage moving from fossil fuel to alternative fuel. It is said that the winner in zero emission car will sustain in the automotive industry in the future. From manufacturing to management, the automobile industry is now changing drastically. This conference aims to develop an awareness of the developments in automotive technologies, production methods, processes and management techniques. The conference provides a forum for the new generation of engineers, researchers and practitioners to have in-depth discussion about the modern automotive technologies and green technology for automobile Industries.

## 2nd National Conference on Modern Trends in Automobile Engineering (MTAE – 2013) 03 - 04 April, 2013 REGISTRATION FORM

Name : \_\_\_\_\_

(in Block Letters)

Designation : \_\_\_\_\_

Department : \_\_\_\_\_

Organization : \_\_\_\_\_

Address for : \_\_\_\_\_

Communication : \_\_\_\_\_

(with PIN Code) : \_\_\_\_\_

Phone : \_\_\_\_\_

Mobile : \_\_\_\_\_

E-mail : \_\_\_\_\_

Title of paper : \_\_\_\_\_

Registration Category : Industry / P.G.& Staff / U.G.

DD No. :

Dated :

Bank :

Amount :

Accommodation Required : Yes / No

Date :

Signature of the Participant

## ACCOMMODATION:

All registered delegates will be provided boarding and lodging in the college campus with a nominal charge on prior request.

2<sup>nd</sup> National Conference on  
**“MODERN TRENDS IN AUTOMOBILE ENGINEERING”**

3<sup>rd</sup> & 4<sup>th</sup> April 2013

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Mr. T.S. Ram Kumar

Asst. Professor / Automobile Engg., KLNCE

REF : KLNCE / AE / NC-MTAE13 / 2012-2013

To

The Principal / Director / HOD,

Dear Sir,

Sub : **National Conference MTAE - 2013**  
**Invitation for Papers - Reg.**

We are happy to inform you that we are conducting a National Conference **“MODERN TRENDS IN AUTOMOBILE ENGINEERING”** on **03 & 04.04.2013**. The objective of the conference is to provide platform to share the views of the experts working in the areas of Automobile Engineering and allied engineering field.

We Kindly request you to display the poster, give wide publicity to the event and motivate the staff, student and research scholar to submit research articles and also depute one or two staff to attend the conference.

We look forward your Co-operation in making the National Conference a grand success.

Thanking You,

Best Regards,

Organizing Secretary