### **MADURAI**

Madurai is a place of great historical and cultural importance. It is the capital of Pandya kingdom. Madurai city is famous for its temples with rich architecture and sculptural works such as Meenakshi Temple, Alagarkovil and is also famous for textiles, handlooms and silk sarees. There are many interesting places to visit around Madurai such as Kodaikanal, Rameshwaram. These tourists' spots can be reached by road in about 4 hours.



## **HOW TO REACH K.L.N.C.E?**

K.L.N. College of Engineering is located 11 km from Periyar Bus Stand and Madurai Railway Station on Madurai - Nedungulam road.

# **ADVISORY COMMITTEE**

- 1. **Dr. P.Asokan**, NIT, Tirchy
- 2. **Dr. S.Kumanan,** NIT, Trichy
- Dr. M.Sachithanandam, KLNCIT
- 4. **Dr. R.Narayanasamy**, NIT, Trichy
- 5. **Dr. N.Jawahar**, TCE, Madurai
- 6. **Dr. P.Veeramani**, Scientist, CERCI, Karaikudi
- 7. **Dr. Ambalavanan**, Scientist, CECRI, Karaikudi
- 8. **Dr. I.llangovan**, ACCET, Karaikudi
- 9. **Dr. A. Syed Abu Thaheer,** MSEC, Kilakarai.
- 10. **Dr. T. Senthil Kumar**, Anna Univ. of Tech., Trichy
- 11. Dr. S.Senthilvelan, IIT Guwahati
- 12. Dr. Satyajit Panda, IIT Guwahati
- 13. Dr. S.Kanagaraj, IIT Guwahati
- 14. **Dr. Ramkumar Janakarajan,** IIT, Kanpur
- 15. Dr. Ganesh Sundar Raman, IITM, Chennai
- **16. Mr.M. Sankar Kumar,** MMForgings Ltd., Sivagangai
- 17. Mr. S.M.Raja Vikkiraman, Sundaram Fasteners Ltd.,
- 18. **Dr. R.S. Prabakar,** Ashok Leyland, Chennai
- 19. **Dr. M.R.Thanasekaran,** KLNCE
- 20. **Dr. P.Koshy Mathews**, KCT Coimbatore

## MINI INDUSTRIAL EXHIBITION

An exhibition to display products and inventions relevant to the scope of the conference has been arranged. For stall booking and further details contact the Organizing Secretary.

### **CONFERENCE - ORGANIZERS**

## **Chief Patrons**

**Shri.K.N.K. Ganesh**, President, KLNCE **Shri.S.V.S. Shivnath**, 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 & Convener

Dr.S. Ganapathy, Principal, KLNCE

### **Co-Chair Persons**

Dr. T.K. Mahendra Babu, Advisor, KLNCE

Prof. K.S. Rengarao, Dean (Admin), KLNCE

**Prof. R.T. Sakthidaran**, Dean (Academic), KLNCE

#### Co-Convener

**Dr.R.M. Satheesh Kumar**, Prof. & HOD-Au.Engg, KLNCE

# **Organizing Secretary**

**Prof. K. Velmanirajan**, Associate Professor, Au. Engg., KLNCE

All correspondence should be made to:

The Organizing Secretary MTAE 2011

Department of Automobile Engineering

K.L.N. College of Engineering

Pottapalayam – 630 611

Sivagangai District, Tamil Nadu.

Phone: 9994020525

E-mail: mtae2011@gmail.com

## **NATIONAL CONFERENCE ON**

# MODERN TRENDS IN AUTOMOBILE ENGINEERING

(MTAE - 2011)

07.04.2011







# Organized by

**Department of Automobile Engineering** 

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

(ISO 9001:2008 Certified Institution)

(Approved by AICTE, New Delhi, Affiliated to Anna

University of Technology)

Pottapalayam – 630 611

Sivagangai District.

Phone: 0452 2090971, 2090972

Fax: 0452 2090070

URL : <u>www.klnce.edu</u>

## 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 Munificence of philanthropist 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 Amarar 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 programmers, five postgraduate programmers and is a recognized research center of Anna University of Technology.

## **ABOUT THE DEPARTMENT**

The automobile engineering department is established in 1999 with an intake of 30 students 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 all the automobile, mechanical engineering students are members of this club. The SAE club is regularly conducting technical events for the benefit of students.

### **MTAE – 2011 THEME**

This decade is witnessing a rapid growth in automobile industry due to abrupt technological advancement, which demands inventions, interactions with specialists in this field. This demand can be met through research platforms like conferences of this type. It also serves as a media of sharing ideas between student's scholars, researchers, academicians, practicing engineers and industrialists, who are wellversed and working with automobile design, development, manufacturing and maintenance of ecofriendly vehicles, alternative energy sources and modern transport systems.

## **Conference Topics**

- Advances in IC Engines
- Autotronics
- Modern Manufacturing System for **Automotive Components**
- Alternate Fuels
- **Automotive Infotronics**
- **Automotive Diagnosis**
- SCM for Automobiles
- **Automotive Safety and Ergonomics**
- Transport Management
- Special Vehicles
- Concept Cars
- Pollution Control and Fuel Economy
- Aerodynamics

# **Submission of Papers**

The authors are requested to submit a soft copy of paper by e-mail and one hard copy of the paper to the Organizing Secretary MTAE - 2011. The full length of paper is limited to 8 pages of A4 size including references. (Times New Roman, font 12)

# **Important Dates**

Submission of full length of paper: 19.03.2011 Intimation of acceptance : 23.03.2011 Submission of final camera ready : 30.03.2011 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 drawn in favor of "The Principal, K.L.N. College of Engineering" payable at Madurai.

Registration Fee (per delegate):

Research Scholar / Students : Rs. 500.00 Delegates from Academic / : Rs. 750.00

Research Institution

Delegates from Industries : Rs. 1000.00

The registration fee includes conference kit, Proceedings and refreshments. For the papers called for presentation, at least one author of the paper has to register for publication in proceedings.

## **National Conference on**

# **Modern Trends in Automobile Engineering**

(MTAE - 2011)

07.04.2011

# **Registration Form**

Name (in Block Letters) Designation	:
Department	<u></u>
Organization	·
Address for	
Communication	
(with PIN Code)	
Phone	
Mobile	:
E-mail	
Title of paper	
Registration Cate	egory : Industry / Academic / Studen
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.