

One Day National Level Seminar  
on  
**ALTERNATE FUELS**

Friday, December 24, 2010

**REGISTRATION FORM**

Name : .....

Designation : .....

Organization : .....

Mailing Address : .....

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Telephone / Cell No. : .....

E-mail : .....

REGISTRATION DETAILS :

A bank Draft for Rs..... No.....

dated..... in favour of Registrar, KL UNIVERSITY,

Vijayawada payable at Vijayawada is enclosed herewith.

Accommodation Required : Yes  No

Date.....

Signature

Address for Communication :

Dr. G.R.K. Sastry

Co-co-ordinator,

Dept. of Mechanical Engineering, KL University,

Green Fields, VADDESWARAM-522 502, Guntur.

Guntur Dist., Andhra Pradesh, India.

Phone : +91 94901 07949

E-mail : grksastry1@redifmail.com

Note : For Additional Registration Forms photo copies may be used. For workshop details visit [www.kluniversity.in](http://www.kluniversity.in)

**ABOUT KL UNIVERSITY**

KL University is a pioneer in the field of Engineering Education and Research in private sector in the State of Andhra Pradesh. Koneru Lakshmaiah College of Engineering (KLCE) affiliated to Acharya Nagarjuna University was established in the year 1980. The Collge became Autonomous in the year 2006 and from 2009 onwards it has become Deemed to be University.

KL University is located in a 50 acre campus abutting Buckingham Canal, about 9 km. from Vijayawada Railway Station, The nearest city is Vijayawada and is well connected by National Highway and Railways with Chennai (440 km.), Hyderabad (275 km.) and Visakhapatnam (385 km.). We have daily flights to Vijayawada (Gannavaram Airport) from various airports like Chennai, Hyderabad and Bangalore.

**ABOUT DEPARTMENT**

It has established in the year 1980 as one of the founding departments. It has a strong back up of 54 faculty members with 10 Professors having Ph.D. Degrees in the most demanding areas of Mechanical Engineering. The department is offering programs at UG, PG and Ph.D. Levels. The department has well established conventional laboratories as well as Five Centres of Excellence. The department is executing R & D and Consultancy projects funded by AICTE, UGC and DRDO.

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Prof. Dr. Y.V. Hanumantha Rao  
Co-ordinator

Prof. Dr. G.R.K. Sastry  
Co-co-ordinator



Organized by :

**Department of Mechanical Engineering**

**K L UNIVERSITY GREEN**  
FIELDS, VADDESWARAM-522 502. Guntur  
Dist., Andhra Pradesh.

## AIM & SCOPE:

Recently the biomass resources are being used as alternate fuels and effective use of these fuels is gaining prominence as a substitute to solve the problem of global warming and the energy crisis. Biofuel is a non-polluting renewable fuel made from organic oils. Conventional fuels viz, Petrol, Diesel are costlier and depleting where as biofuels are also eco friendly. The non-edible oils are abundantly available in Indian forests. Some of the ethnic oils like Mahua are available in our forests and its usage is limited. It is a known fact that the Palm Kernel and Jatropa oils are available through out the world. The cost of procurement and production of esters of these oils is comparatively less expensive per litre. The usage of biomass for production of bio gas as well as producer gas and electricity will reduce consumption of conventional fuels.

The Seminar highlights the production and application of bio fuels and combustion and vibration strategies on I.C. Engines. The theme is particularly useful for Research Scholars as well as Technocrats and also will be useful for Post Graduate and Under Graduate students where they can have an idea about how to run I.C. Engines by using Biofuels.

## COURSE OBJECTIVES:

Bio fuels : Global Indian Scenario  
Production of Conventional fuel Substitute from waste plastics

Combustion Strategy  
Vibration Strategy  
Challenges and Sustainability issues in Biofuel Industry  
Futuristic Biofuels etc.,

## PROMINENT SPEAKERS

Prof. B.V. APPA RAO, Andhra University

Prof. SARAVANAN, C.G., Annamalai University

Prof. AMBA PRASADA RAO G., N.I.T., Warangal

## IMPORTANT DATES

Last date for receiving completed Registration form along with Registration Fee is 14-12-2010 Confirmation about selection will be sent by e-mail before 16-12-2010.

## CONTACT PERSON

Dr. G.R.K. Sastry

Co-co-ordinator,

Dept. of Mechanical Engineering, KL University,  
Green Fields, VADDESARAM-522 502, Guntur.  
Guntur Dist., Andhra Pradesh, India.

Cell : 94901 07949

E-mail : grksastry1@redifmail.com

## Eligibility and Selection Criteria

The course is open to the teachers, research scholars and students of Engineering Colleges of any discipline. Interested industry personnel are also eligible. Number of participants are limited. Participants shall be selected on first come first served basis.

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## Registration fee :

Faculty	Rs. 200/-
Participants from Industry	Rs. 500/-
Research Scholars	Rs. 200/-
Students (UG & PG)	Rs. 150/-

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Registration fee includes working Lunch, Tea and Snacks.

All payments should be made by Demand Draft in favour of The Registrar, K.L. University payable at Vijayawada.

## TA / DA and Accommodation

No TA/DA will be paid. Accommodation will be arranged for the outstation participants on prior request in the available University resources at the nominal cost.