

The Applicant Mr./Mrs./Dr. \_\_\_\_\_

will be permitted to participate in the above programme if selected. Further I have personally talked to the applicant and he/she agreed to attend the course, in full.

Date: \_\_\_\_\_ Seal & Signature of sponsoring authority

**Please Contact :**

**Prof. D. G. Thombare**

Course Coordinator,  
Dean, Student Development.  
Mobile : 9970700740

**Prof. S. T. Satpute**

Co- Coordinator & Head,  
Automobile Engg. Department.  
Mobile : 9422042579

**Mr. R. M. Shinde**

Mobile : 9970700969

K. E. Society's

**Rajarambapu Institute of Technology,**

Rajaramnagar, Sakharale, Tal. - Walwa

Dist. - Sangli, 415 414 (M.S.)

Phone : (02342) 220329, Fax : 220989

e-mail : rajendra21\_shinde@rediffmail.com

Web : www.ritindia.edu

**Resource Persons from**

- Finite to Infinite, Pune
- Automotive Research Association of India (ARAI), Pune
- TATA Motors, Pune
- Mahindra and Mahindra, Nashik
- Mahindra and Mahindra, Zahirabad
- IIT, Mumbai
- Altair, Bangalore.
- Vehicle Reserch & Development Establishment (VRDE), Ahmadnagar.
- Kirloskar Oil Engines Ltd., Pune.
- Indian Institute of Science, Bangalore

**ELIGIBILITY**

Teachers of academic institute, approved by AICTE, Officials of government department, Industries and R & D organization, UG & PG students will be eligible for participation.

**REGISTRATION**

Participants shall submit the duly filled application form either by post / in person to the course coordinator. The course fees should be paid by DD in the name of "The Principal, RIT, Sakharale" Payable at Islampur.

**REGISTRATION FEES**

Engineers from Industries	Rs. 3000.00
Academicians	Rs. 1500.00
UG & PG Students	Rs. 1000.00

**Prof. D. G. Thombare**

Course Coordinator

**Prof. S. T. Satpute**

Co- Coordinator

**Prof. Dr. Mrs. S. S. Kulkarni**

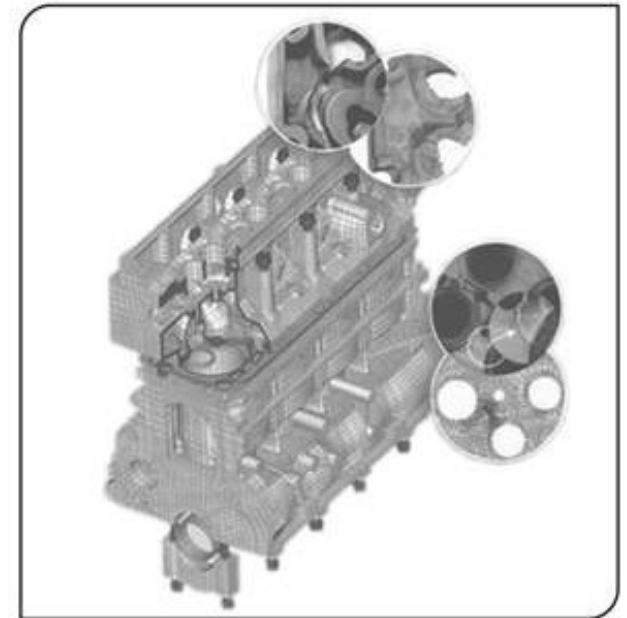
Principal

ISTE Approved One Week Training Program

on

**ADVANCES IN ENGINE & VEHICLE DYNAMICS**

28<sup>th</sup> June to 2<sup>nd</sup> July 2010



Organized by

**Automobile Engineering Department**

K. E. Society's

**Rajarambapu Institute of Technology**

Rajaramnagar, Sakharale, Tal. - Walwa

Dist. - Sangli, 415 414 (M.S.)

## ABOUT THE INSTITUTE

Kasegaon Education Society's Rajarambapu Institute of Technology was established in the year 1983 by the visionary late Hon. Rajarambapu Patil with a firm belief to provide excellent technical education. The institute is located in western part of Maharashtra in Sangli district, 2 km away from the city of Islampur and 4 km from Pune-Bangalore highway & spread over an area of 37 hectare of picturesque beauty. Institute provides the best learning and training facility to the students in this part of Maharashtra.

Within a span of two & half decades, the Institute has developed excellent infrastructure facility and a conducive atmosphere for the students and staff to convert thoughts and ideas into reality through experimentation and scale new heights in the field of technical education.

The Institute is affiliated to Shivaji University, Kolhapur, approved by AICTE and accredited by NBA, New Delhi, & The Institution of Engineers (India) Kolkata. Institute is certified by ISO 9001-2000 and successfully completed TEQIP project NPIU, New Delhi under world bank assistance.

The Institute presently offers four years degree courses in Automobile, Civil, Computer Sci., Electronics and Tele. Comm., Electrical & Mechanical Engineering. Institute also offers P.G. courses in Mechanical (Design & Production), CAD/CAM/CAE, Civil (Structures), Electronics along with full time MBA and BBA.

## ABOUT THE DEPARTMENT

Department of Automobile Engineering offers undergraduate programme in Automobile Engineering since 1983. Over the years the department has acquired the experience and expertise to offer the state of the art technical education to the students. Department has successfully undertaken research projects under MODROBS sponsored by AICTE, New Delhi and several Industrial projects. Laboratories of the department are well equipped with the modern equipments. Dept. has recently established an Automotive Research & Diagnostic Centre with the equipments like Two Wheeler Chassis Dynamometer, On road Vehicle Data Acquisition System, Combustion & Engine Analyzer, Computerized Diesel Engine Test Rig etc. In addition to academic activities, department

also offers short term courses on CAD, CAE and provides services for PUC Certification to vehicles. Campaigns for Pollution Awareness & Road Safety are also arranged by the department.

## OBJECTIVES OF THE PROGRAM

Internal Combustion Engine is the heart of vehicle, since last 100 years, and last 20 years major developments are occurred in I.C. Engines. To meet stringent emission norms and to achieve good fuel economy, it is necessary to optimize engine performance by adopting new fuel injection system for complete combustion.

The quotation from Rudolf Diesel in 1895 "My Engine Is Still Making Enormous Progress" Still holds true today because of the complexities of the processes involved in the engine, which makes difficult to predict engine performance accurately.

With ever increasing emphasis on high speed vehicle, effects of accelerating/decelerating moving masses plays a significant role. This course aims to equip the participants with fundamental knowledge of dynamics of vehicle so that they can relate the comfort for the passengers and the life of the various components of the vehicle with vehicle dynamics.

This workshop is aimed to know latest trends in engine & vehicle dynamics. The following areas will be covered under this workshop.

- Engine Design
- Fuels & Combustion Analysis
- Advanced Fuel Injection System
- Engine Management systems
- Fundamentals of Multi Body Dynamics
- Fundamentals of vehicle Dynamics
- Engine Dynamics
- Power Train Simulation
- Steering & Suspension System Simulation

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K. E. Society's

**RAJARAMBAPU INSTITUTE OF TECHNOLOGY**

**Automobile Engg. Department**

**REGISTRATION FORM**

I am interested to participate in the program.

If selected, I shall participate in the course for the entire duration.

1. Name : Mr./Mrs./Dr. \_\_\_\_\_

2. Designation : \_\_\_\_\_

3. Organization : \_\_\_\_\_

4. Qualification : \_\_\_\_\_

5. Residential address with phone no.: \_\_\_\_\_

\_\_\_\_\_ PIN: \_\_\_\_\_

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

6. Accommodation required: Yes / No

7. DD No.: \_\_\_\_\_

Bank : \_\_\_\_\_

Date:

Place:

Signature of Applicant