

National Workshop On

Recent Advances in Eco-Friendly Lubricants (RAIEFL-2010)

8-9 April, 2010



Organizing Secretaries

Prof.S.V.Kailas and Dr.R.T.Naik
*Faculties in
Department of Mechanical Engineering*



Organized by

Department of Mechanical Engineering
Indian Institute of Science
Bangalore-560012, India
&
Tribology Society of India, Karnataka Chapter

SCOPE

In recent years, science and technology has made remarkable progress in the field of lubricants applications and continue to search for new techniques to meet the ever increasing demands of reducing cost and raising quality for clean environment. This program brings some of the recent ideas and technological advancements aiming at creating awareness and to meet today's requirement in the field of lubricants.

Department of Mechanical Engineering, Indian Institute of Science, Bangalore is providing a platform by conducting a two days National workshop on "Recent Advances in Eco-Friendly Lubricants" RAIEFL-2010 during 1st-2nd March 2010. This workshop will provide an opportunity to the faculties, R&D, Industries and students community to gain knowledge and identify suitable partners to share their experience and collaborative ideas to achieve excellence in their research interest.

TOPICS ON

- Base oils and additives
- Hydraulic oils and grease
- Synthetic oils and fuels
- Cutting oils and processing
- Conditioning monitoring
- Standards and Environmental issues
- Fundamentals of Tribology
- Recent developments & applications

ELIGIBILITY

This programme is open to Faculties from various Institutes, Scientists from Research and Development organizations or companies and research students. Interested participants have to register by sending the duly filled registration forms enclosed herewith.

REGISTRATION FEE

Faculties/Academicians: Rs.3000/-

Industries/R&D Labs: Rs.4000/-

Students: Rs.1500/-

MODE OF PAYMENT

All Payments should be made by demand draft in favor of "Organizing Secretary, Recent Advances in Eco-Friendly Lubricants (RAIEFL-2010)," payable at State Bank of India (branch code No: 02215), Indian Institute of Science (IISc.), Bangalore, India.

ACCOMMODATION

Limited accommodation is available in the institute guesthouse on shared basis. Registered participants have to meet all their own expenses. We request all of you to make your own arrangements, if possible.

IMPORTANT DATES

The number of delegates aimed for the program is limited. Therefore, registration is based on first come first serve basis.

Receipt of filled applications: 30-01-2010

Intimation of selection / rejection: 06-02-2010

Bangalore is well connected by Air, Train and Road within Indian and Abroad. You can visit our website www.iisc.ernet.in for more information.

ABOUT THE INSTITUTE AND DEPARTMENT

The Indian Institute of Science (IISc) was conceived as a 'Research Institute' by Jamsetji Nusserwanji Tata, in the 19th century for higher education and scientific research in India. There was a Swami Vivekananda, whom J.N. Tata befriended on his famous voyage to the United States, the Maharaja of Mysore, Shri Krishnaraja Wodeyar IV and his mother then acted on his behalf, and Lord Curzon the Viceroy of India who arrived in 1898 and played the role in setting up the Institute and Institute started on May 27, 1909.

Mechanical Engineering activities at the IISc commenced prior to the Independence, in 1945, with the establishment of the Department of Internal Combustion Engineering, later became Mechanical Engineering Department in 1970.

The Department of Mechanical Engineering offers a richly integrated curriculum of education and research to its students. The Department offers Masters (M.E. and M.Sc (Engg.)) and Ph. D. programmes. At any time of the year, the Department has around 75 research scholars. Some of the specific areas include CAD/CAM, Rapid Prototyping, Robotics and Controls, Turbomachinery and Combustion Systems, IC Engines, Multi-Phase flow, Nano-mechanics, Tribology, CFD, Acoustics, MEMS, Electronic Cooling, Micro- and Macro-mechanics, Eco-friendly lubricants and friction stir welding. Much of the research is conducted within the department, collaboration with other departments and centers on campus, as well as with other R&D institutions and national laboratories in the country and abroad. Several of the faculties have received recognition in the form of national and international awards and rendering assistance to leading industries through technical advice and consultancy services. The Department receives funding from Government agencies, public and private industries. The Department is well equipped with state-of-the-art laboratories and infrastructural facilities.

Indian Institute of Science Bangalore-560012, India

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REGISTRATION FORM

Name : _____

Designation : _____

Organization : _____

Mailing Address: _____

Telephone: _____

Fax: _____

Email: _____

Highest Academic Qualification: _____

Registration Fee Details: Amount: _____

DD.No: _____ Bank Name: _____

Accommodation requirement: (On Payment basis)

Required Not Required

Date: _____ Signature _____

I have recommended the above staff for attending
National Workshop on RAIEFL-2010.

Signature _____
Institute seal Head of the forwarding Institute

ORGANISING COMMITTEE

Chairman : Prof. Jaywant H Arakeri
Department of Mechanical Engineering
Indian Institute of Science
Bangalore-560012, India

Members : Faculty members of Mechanical
Engineering Department will form
local organizing committees for
Conducting the programme.

ADDRESS FOR COMMUNICATION

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N.B:

1. Brochure can also be downloaded from our
Website: <http://www.mecheng.iisc.ernet.in>