Who should attend?
These courses are designed for students and faculty from Mechanical Engineering/Tribology related areas; practicing engineers from Industry working in Technical Services; Marketers of Lubricants/Additives and personnel from Industrial R&D in Automotive, Steel, Power and other Core Sector Industries.

Course Fee and Payment
The following fees are payable for participation in the Pre-Conference Education Courses:

Students: Rs. 2000/-
Others: Rs. 3000/-

Payments related to Education Course Registration Fee are to be made through crossed demand draft/cheque payable at par, drawn in favour of “Tribology Society of India” payable at New Delhi/Faridabad.

Money can also be transferred directly to the 8th ICIT Conference Account as given below:

A/c Name: Tribology Society of India
A/c No.: 31710524711
IFSC / NEFT Code: SBI N 0010449
MICR No.: 110002466
Bank’s Name & Address: State Bank of India, IOC Complex Branch, Sector 13, Faridabad – 121007
Introduction
Tribology, the multidisciplinary science and technology of interacting surfaces in relative motion, has assumed significant importance globally due to its potential to reduce the huge quantum of losses occurring through friction and wear across all the industrial sectors. The name “Tribology”, denoting friction, lubrication and wear related studies, was coined by Prof. H. Peter Jost in 1966. Tribology Society of India (TSI) is a premier professional society set up with a vision to spread awareness and practice of Tribology in India. To fulfill this mission, the Society has been organizing International Conferences on Industrial Tribology (ICIT) biennially in different parts of the country. These events are intended to enable the practitioners of Tribology to discuss and showcase their work in various aspects of this multidisciplinary area.

The 8th International Conference on Industrial Tribology (ICIT-2012) is being organized by leading industries from the Public and Private Sector in India, under the aegis of TSI. The event will be held during 7 – 9 December, 2012 in the Western part of India, at the beautiful city of Pune.

Education Courses
Following two Education Courses are being conducted as Pre-Conference Event for the 8th ICIT. The two courses will run in parallel on 6 December 2012 (Thursday) at the venue of the conference. A maximum of 25 participants for each course will be registered on first-come-first-served basis. The two courses are:

1) Basics of Tribology and
2) Automotive Tribology

Venue and Time schedule for the Education Courses
Venue : The Westin, Koregaon Park, Pune, India
Date of the Courses : 6 December 2012 (Thursday)
Time Schedule:
  Registration : 09.00 – 09.30 hrs
  Lecture Sessions : 09.30 – 17.30 hrs

Course Content
Basics of Tribology
The education course on “Basics of Tribology” will have following technical lectures, to be delivered by experts from Industry and Academia:

- Introduction to Tribology and its Economic Benefits: Prof Satish V Kailas, IISc, Bangalore
- Basics of Friction, Wear and Lubrication: Prof A Sethuramiah, Formerly at IIT, Delhi
- Chemistry of Lubricants and Additives: Dr SSV Ramakumar, IndianOil R&D, Faridabad
- Tribo Testing: Mr Ajay Kumar, IndianOil R&D, Faridabad
- Fluid Film Lubrication: Prof Satish C Sharma, IIT Roorkee
- Key Tribology Elements in Industry: Dr B Chakrabarti, L&T Mumbai

Automotive Tribology
The education course on “Automotive Tribology” will be conducted by experts from the Automotive Industry sector as per details given below :

- Engine Technologies affecting Fuel Economy with specific reference to Engine Friction Reduction: Mr. Purushottam Panda, Vice President, Powertrain Engineering Maruti Suzuki India Limited, Gurgaon
- Tribology of Transmission in Passenger Cars & SUVs: Dr. Mathew Abraham, Sr. General Manager, Alternate Fuel Technology, Fluid Technology and Advanced Technology, Mahindra & Mahindra, Chennai
- Tribology in and of Diesel Electric Locomotives: Mr. Anirudh Gautam, Executive Director, Engine Development, Research Designs & Standards Organisation, Lucknow
- Friction Management with Automotive Lubricants: Dr. S.K. Majumdar Dy. General Manager, Automotive Oils Division, IndianOil Research & Development Centre, Faridabad
- Fundamentals and Case Study of Automotive Lubricating Oil Tribology for Biodiesel vis-a-vis Diesel Fuelled Engines: Professor Avinash Kumar Agarwal, Professor of Mechanical Engineering, Indian institute of Technology, Kanpur

Registration Form
(Please use separate form for each participant. Copy of this form may be used)

Name and Designation...........................................

Organisation ..........................................................

Contact Address ..................................................

E mail ID..........................................................

Mobile No..........................................................

Telephone: ..........................................................

Brief Profile of Participant (Please attach separate file/page)

Payment of Education Course Fee: Payment is to be made by Cheque / DD in favour of “Tribology Society of India”, payable at Faridabad. Mail the Registration Form along with payment to the address given below:

Dr Pankaj Bhatnagar
Chief Manager & Treasurer - TSI
C/O Indian Oil Corporation Limited, R&D Centre, Secotr-13, Faridabad – 121 007
Phone +91 129 2299110 /2294442
Mobile + 91 98685 18189
E mail bhatnagarp@indianoil.in
info@tribologyindia.org

Choice of Education Course:
Basics of Tribology: Yes/No
Automotive Tribology: Yes/No

Cheque / DD details:
Amount Rs ..................................................
Drawn on Bank: ............................................