About the organizers

Major organizations and academic institutions in the country have realized the importance of Industrial Tribology and its relevance to modern design and efficient plant maintenance. Therefore, they come forward to organize National and International Tribology Conferences in different parts of the country.

To provide a common umbrella to work further in this area, Tribology society of India (TSI) was set up as a professional, nonprofit body bringing together academicians, industry as well as research organizations as its members.

Tribology Society of India (TSI) organises the Summer School in Tribology to provide a platform to academicians, practising engineers and R&D professionals for sharing their knowledge and experiences in this field. It enables Tribology faculty and research scholars to expand the Tribology curriculum at their organisations. Tribology Society of India (TSI) is engaged in a variety of initiatives to promote Tribology in India.

The Society has Members from Oil & Gas, Power, Steel, Cement, Industrial R&Ds and academia from all over the country. For more information please visit our website www.tribologyindia.org

Some of the likely Speakers for Technical Sessions are listed below

- Prof. Satish V Kailas, Indian Institute of Science, Bangalore
- Dr Har Prashad, formerly Bharat Heavy Electricals Ltd
- Dr. B Venkatramanan, Defence Metallurgical Research Labs, Hyderabad
- Prof. Ram Turaga, Indian Institute of Science, Bangalore
- Prof. Satish C Sharma, Indian Institute of Technology Roorkee
- Prof Sujeeet Kumar Sinha, Indian Institute of Technology, New Delhi
- Prof. M S Bobji, Indian Institute of Science, Bangalore
- Prof. A P Harsha, Indian Institute of Technology, BHU, Varanasi
- Prof. Mayank Tiwari, IIT Patna
- Mr. S R Durugkar, L&T Hydrocarbon Engg, Mumbai
- Dr. Barun Chakrabarti, L&T Hydrocarbon Engg, Mumbai
- Dr. Reji Mathai, Indian Oil Corporation (R&D), Faridabad
- Dr. C Kannan, Indian Oil Corporation (R&D), Faridabad
- Dr Sarita Garg, Indian Oil Corporation (R&D), Faridabad
- Mr. Ajay Kumar Harinarain, Indian Oil Corporation (R&D), Faridabad
- Dr. N K Pokhriyal, Indian Oil Corporation (R&D), Faridabad
- Mr. R Mahapatra, Indian Oil Corporation (R&D), Faridabad
- Mr. Kamal Mukherjee, Former GM, SECL, Bilaspur
- Prof Krishnan Balasubramanian, Indian Institute of Technology, Chennai
- Mr. P Pathak, RDCIS Steel Authority of India Ltd, Ranchi
- Dr T Singh, Bharat Petroleum Corporation Ltd, Mumbai
- Mr Anjeeve George, Eaton Hydraulics, Pune
- Dr Nityanand Gosvami, Indian Institute of Technology, Delhi
- Mr SPRS Negi, Schaeffler India, Vadodara

(For any information please contact)

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Research & Development Centre,
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www.tribologyindia.org

12th Summer School in Tribology

21-25 July, 2020
(through Webinar)

Organizer

Tribology Society of India
(Affiliated to the International Tribology Council, UK)

Exclusive Marketing Partner

www.tribologyindia.org
Objectives

Importance of Tribology for sustainable reliability cannot be over-emphasized. It has been reported that losses due to improper understanding and application of Tribology is estimated at over 1.4 % of GDP of the world and 8.7% of the total cost of energy production.

Tribological failures have been estimated to be responsible for about 40% of breakdowns in industries. Therefore, engineers working in the field need to have a thorough understanding of Tribological practices, so that proactive measures can be implemented in place of traditional corrective and breakdown maintenance practices. The potential of savings has been estimated to be about 15% in the short term and 40% in the long term of the losses due to friction and wear. This required sustained and focused efforts on part of everyone working in Academia and Industries.

The important subject of Tribology does not get appropriate coverage in the engineering curriculum in our country. Inadequate understanding about the principles and application of Tribology is one of the major reasons for failures in the industry, leading to poor productivity and higher material and energy losses. There is a strong need to promote the awareness of Tribology among our industries and academia. It is with this background that the Tribology Society of India (TSI) is organizing the “12th Summer School in Tribology” on a virtual online platform during July 21-25, 2020 to reinforce the need for continued education in Tribology - an interdisciplinary science and technology of friction, wear and lubrication. Some of the programmes of Summer School in Tribology (SST) have been financially supported by SERB, Department of Science and Technology (DST), Govt. of India and various industries.

A programme was planned to be organized at Indian Oil Institute of Petroleum Management from 12-16 May 2020, but this could not go ahead owing to the ongoing Covid-19 pandemic.

The programme is intended to provide a platform for interaction between reputed tribologists of the country and the participants, comprising senior teaching professionals and practicing engineers/ professionals from Indian industry. The curriculum has a balanced combination of theoretical and applied aspects of Tribology and includes a session on assessment of learning (based on multiple choice questions) on the last day. To enable the participants to carry forward their learning beyond the program, each participant will be given the Exclusive Marketing partners for this programme and may be contacted for programme registration at the following address:

Rosefield Energy Tech Pvt. Ltd, Mumbai has been appointed the Exclusive Marketing partners for this programme and may also be contacted for programme registration at the following address:

For participants from Industry:

1. Indian Participants: A Course Fee of Rs 5000/- plus applicable GST 18%

2. Foreign Participants: A course fee of USD 100 plus applicable GST 18%.

For Industry and foreign delegates, please make programme fee payment by cheque / DD / online bank transfer favoring ‘Tribology Society of India’ payable at Faridabad for the fee payment.

Format of Registration Form for Industry Participants

Name of Participant..........................................................
Organization...............................................................
Designation.................................................................
Contact Address...........................................................
Email ID........................................................................
Mobile No.................................................................
Signature of Sponsoring Authority.................................
Name...........................................................................
Designation..................................................................

Payment of Registration fee for Industry Participation is to be made along with the Registration form at the address given below.

Mr. Rajendra Mahapatra
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Rosefield Energy Tech Pvt. Ltd, Mumbai has been appointed the Exclusive Marketing partners for this programme and may also be contacted for programme registration at the following address:

Rosefield Energy Tech Pvt. Ltd,
B-201, B-Wing, PRAMUKH PLAZA,
CARDINAL GRACIOUS ROAD, ANDHERI (E), MUMBAI 400 099
Email: shailendra@rosefield-daa.com

Payments can also be deposited directly in the Account of TSI as per details given below:
A/c Name: Tribology Society of India
Current Account Number No.: 31710524711
IFSC / NEFT Code: SBI N 0010449
MICR No.: 110002466
SWIFT CODE : SBI NIN BB381
Bank’s Name & Address: State Bank of India, IOC Complex Branch, Sector 13, Faridabad - 121007, Haryana, India