



## Gujarat Technological University Organizes

### A one day seminar on “Fundamentals of Tribology”

For Engineering Faculties, ME / BE Students, Researchers & Industry Persons

#### **Objective**

One of research report has established that only 26 % engineers are available with tribological skills in India. Inadequacy of trained tribologists is a major bottleneck constraining operational excellence & challenging further growth of Indian industries. This issue directly results from inferior and inadequate tribological education and/or training infrastructure in the country, which are mostly inter-related. It is proposed to categorize academic issues between Tribo-science and Tribo-technology; Tribo-technology (Tribology) education problems lead to large techno-managerial nature, integral, inferential & decisive. At the time of the World Conference on Industrial Tribology (WCIT) in 1972, there were only a few academic institutions for tribology education. Earliest tribology education in India started in 1970 at IIT Delhi with Norwegian collaboration, Industrial Tribology, Machine Dynamics and Maintenance Engineering Centre (ITMMEC) was established in which some sophisticated tribological equipment were installed. Current tribology course syllabi in Indian are mainly limited to finding and applying some governing equations of friction, flow and fracture in solids, just making it more of another analytical topic. To impart the fundamentals of tribology knowledge the one day seminar is going to be organized at GIDC Degree Engineering College on 04-Oct-2013. Successively Gujarat Technological University and L. D. College of Engineering is going to organise an International conference on Advances in Tribology during 15-17 October 2013.

#### **Important Dates:**

1. Last date of receipt of Application : 01/10/2013
2. Intimations of Selections : 03/10/2013
3. Programme Scheduled on : 04/10/2013

### **Steering Committee:**

- Dr. Akshai Aggarwal, (Patron) Vice Chancellor, Gujarat Technological University, Ahmedabad.
- Dr. M. N. Patel, (Chairman) Principal, L. D. College of Engineering, Ahmedabad.
- Dr. H. C. Patel, (Coordinator) Associate Professor, L. D. College of Engineering, Ahmedabad.
- Dr. K. N. Mistry, (Co- coordinator) Principal GIDC Degree Engineering College, Abrama, Navsari.
- Dr. H. S. Patil, (Co- coordinator) Associate Professor (Mechanical) GIDC Degree Engineering College, Abrama, Navsari.

### **Expert Faculty:**

1. Dr. Mathew Abraham, (Speaker on the topic of the perspective research opportunities in the field of engine tribology) Sr. General Manager, Fuels & Fluid Technology, Mahindra & Mahindra Ltd, Chenalpattu, Tamilnadu.
2. Dr Hetal Shah (Speaker on the topic of the perspective research opportunities in the PVD/DLC coatings in tribology applications) Professor and Principal, Venus International College of Engineering, Ahmedabad.
3. Dr H C Patel, (Speaker on the topic of iCATES2013), Associate Professor, Mathematics. L.D. College of Engineering, Ahmedabad.
4. Dr K N Mistry (Speaker on Fundamentals of Tribology) Principal, GIDC Degree Engineering College and Dean, GTU, Abrama, Navsari, [www.gdec.in](http://www.gdec.in)
5. Dr. Jeffrey Cutler, Director of Industrial Science and Mr G V Shankar (Video Recorded Lecture on research tools available at the CLS lab, Canada), Canadian Light Source Inc. Saskatoon, SK S7N 2V3 Website: [www.lightsource.ca](http://www.lightsource.ca)

### **Venue:**

GIDC Degree Engineering College  
Abrama, Navsari – 396406  
Email: [gidcengcol@gmail.com](mailto:gidcengcol@gmail.com)  
Ph : 02637-229040

**Fees :** NIL

**Registration:** (Please Follow the Link)

<https://docs.google.com/forms/d/1G7zqXwKfx6j8iEacTH-GHCCmvYnEZzBEeKWxgNpkUZI/edit?usp=sharing>

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