



GUJARAT TECHNOLOGICAL UNIVERSITY

HOSTS GLOBAL MEET ON NANO TRIBOLOGY

on

18th November, 2013

Gujarat Technological University (GTU) is hosting a round table meeting on **“Research Perspectives on Nano Science applied to passenger car engine tribology in order to improve fuel efficiency and to reduce the carbon emissions”** on Monday 18th November 2013, at 10AM at GTU conference hall.

The convener of the global meet is Dr K N Mistry, Dean, Faculty of Engineering, GTU and Principal, GIDC Degree Engineering College.

The key note speaker Dr Jeffrey Cutler, Director of Industrial Science Canadian Light Source Inc, Saskatoon, Canada, will deliver an expert talk on High Resolution photoelectrons spectroscopy applied to analyse tribo-physics and tribo-chemistry of Nano composite materials.

Dr K Muraleedharan, Director, DRDO, HQ, New Delhi and President, Electron Microscope Society of India, will address the scope of research using SEM, EDX, AFM and TEM

Dr Abraham Mathew, Sr. General Manager, Fuels and Fluid technology, Mahindra and Mahindra, TN, will address the scope of research using Nano composite material coatings and its compatibility with lubricant formulations.

Dr S Karunakaran, Rtd. Research Scientist, DRDO and Department of Electronics (DoE)

Government of India will address scope of RF & Microwave for industrial applications.

Mr Andy Melnyk, Head, International Engagement, innovation Working Group of Saskatchewan, Canada and Mr G V Shankar, Advisor, University of Saskatchewan, Canada will address the scope of collaborative research perspectives and joint ventures.

Dr Jayanthi Ravi, Hon'ble Commissioner of Technical Education, Gujarat State has kindly consented to be the chief guest of the meeting.

Interested research scholar, PG students, faculty, Industry participant and professionals may send e-mail to dean_be_zone5@gtu.edu.in to register their names and affiliations.

Agenda:

11:00 Welcome address by Dr K N Mistry

11:10 about GTU by Dr Akshai Aggarwal, Hon'ble Vice Chancellor, GTU

11:20 Scope of Indo-Canada collaboration by Mr Andy Melnyk, Head, International Engagement, innovation Working Group of Saskatchewan, Canada .

11:30 Address by Dr Jayanthi Ravi, Hon'ble Commissioner of Technical Education, Gujarat State

11:45 Vote of thanks by Dr H C Patel, Professor, L D College of Engineering.

11:50-12:00 High Tea

Technical deliberation:

12:00-12:45 DR Jeff Cutler, Director of Industrial Science Canadian Light Source Inc,

12:45-13:15 Dr K Muraleedharan, Director, DRDO, HQ, New Delhi and President, Electron Microscope Society of India,

13:15-13:45 Dr AbhamMethew, Sr. General Manager, Fuels and Fluid technology, Mahindra and Mahindra, TN,

13:45-14:15 Mr Andy Melnyk, Head, International Engagement, innovation Working Group of Saskatchewan and Mr G V Shankar, Advisor, innovation Working Group of Saskatchewan, Canada

14:15-15:00 Lunch

15:00-15:30 Dr S Karunakaran, Rtd. Research Scientist, DRDO and Department of Electronics (DoE) Government of India

15:30-16:00 Dr K N Mistry, Scope of Electron Microscopy and Spectroscopy in nanomaterial coating and lubricant formulations in passenger car engine for improving fuel efficiency and reducing carbon emission.

15:00-16:00 Discussion, conclusions and MoU signing.