

One Week
Short Term Course (STC)
on
Tribology for Sustainable
Development
20th -24th July, 2020



Organized by:
School of Mechanical Engineering,
Shri Mata Vaishno Devi University,
Katra, J&K, 182320.

About the University

Shri Mata Vaishno Devi University (SMVDU) has been established under the Jammu and Kashmir Shri Mata Vaishno Devi University act, 1999 an Act of the J&K State Legislature as an autonomous, highly Technical & fully Residential University. The University started functioning an academic unit in Aug 2004 when it was inaugurated on 19th August 2004 at the hands of the then Hon'ble President of India Dr. A P J Abdul Kalam. The University is approved by UGC under Section 2(F) & Section 12(B) of UGC Act of 1956 (www.smvdu.ac.in).

About the School

The School of Mechanical Engg. in SMVDU came into existence in the year 2006, offering B.Tech., M.Tech. and Ph.D. programs. School is fortified with well equipped labs and specialized machines like HMT lathes, CNC Turning, VMC, EDM, Tribometer, etc. Presently research in latest areas such as Tribology, Advanced Machining Methods, Modeling and Simulation, Crack Mechanics, Energy, etc. are being taken by faculty, scholars, and students.

About the STC

The one week STC aims to bring together leading academicians, engineers, scientists, researchers, research scholars and students to exchange and share their experiences and research results covering most of the aspects of Tribology. Tribology being an interdisciplinary branch mainly focused on the behavior of interacting surface that have relative motion with each other. The course shall be mainly focused on friction and wear mechanisms for metals, polymers, and ceramics, green and sustainable aspects of tribology, wear of MMC's, wear of polymeric materials; boundary lubrication and solid-film lubrication. The course shall also cover the topics such as nano-tribology and tribological problems in MEMS and NEMS.

Registration Information

There shall be no registration fees for the participants.

Mode of lecture delivery: Online.

How to Apply:

Applicants should apply through [Google Form](#). Last date for application is 19th July 2020.

Link for registration:

<https://forms.gle/aeB82K3s7aSGyxY38>

Tentative Speakers

1. **Dr. Sudhanraj Jegannathan**
Faculty of Informatics
Eötvös Loránd University, Hungary.
2. **Dr. Manjesh Kumar Singh**
Department of Mechanical Engineering
IIT Kanpur.
3. **Dr. S Anand Kumar**
Department of Mechanical Engineering
IIT Jammu.
4. **Dr. M F Wani**
Department of Mechanical Engineering
NIT Srinagar.
5. **Dr. TVVLN Rao**
Department of Mechanical Engineering
SRM University, Chennai
6. **Dr. Piyush Chandra Verma**
Department of Mechanical Engineering
BITS Pilani-Hyderabad Campus.
7. **Dr. Jitendra Singh**
Department of Mechanical Engineering
SRM University, Chennai.

Coordinators

Dr. Mir Irfan Ul Haq,
Assistant Professor, SoME, SMVDU

Dr. Ankush Raina,
Assistant Professor, SoME, SMVDU

Organizing Secretary

Dr. Rajiv Kumar,
Assistant Professor, SoME, SMVDU

Contact us

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