



Registration Fees for Participants

- Industry Delegates 10,000 INR
- Indian Academic Delegates 5,000 INR
- Indian Research Scholars 3,000 INR
- Accompanying Person Indian Delegates 4,000 INR
- Foreign Academic Delegates 200 USD
- Foreign Research Scholars 100 USD
- Accompanying Person Foreign Delegates 150 USD

Registration Details

Account name: TEQIP III
 Account No.: 0391040100011025
 IFSC: JAKA0RECSGR
 Bank Name: J&K Bank
 Branch: REC, Hazratbal

Important Dates:

Last date for registration: 31st May 2019
 Selection-list intimation: 10th June 2019
 Duration of Symposium: 17th -21st June 2019

For further details and application form visit:

<http://new.nitsri.ac.in/Department/DisplayDeptPage.aspx?page=maikk>

Selection Criteria:

Selection will be done based on first-cum-first-serve basis and the confirmed candidates will be notified immediately. The maximum number of participants will be 50 (fifty).

How to Reach NIT Srinagar, India:

National Institute of Technology Srinagar is well connected by road, rail and air. It is located on the western bank of the world heritage site, Dal Lake near the Hazratbal Shrine in the north eastern region of the Srinagar city. The institute is located 23 km from the Srinagar International Airport and 13 km from Srinagar railway station.

Kashmir, also known as Paradise on Earth, is a world famous tourist destination. The capital city, Srinagar, is well known for many tourist spots, including the famed Mughal Gardens. Health resorts like Gulmarg, Pahalgam and Sonamarg are easily accessible from the institution. Summer season is an ideal time to visit the region.



2nd International Symposium on “TRIBOLOGY FOR SUSTAINABILITY”

Date: 17th-21st June 2019

**Venue: National Institute of Technology Srinagar
J&K, India-190006**

Patron

**Prof. Rakesh Sehgal,
Director**

National Institute of Technology Srinagar, India

Symposium Chair

Prof. M. F. Wani

National Institute of Technology Srinagar, India

Symposium Co-Chair

Prof. Mohamed Kharrat

National Engineering School of Sfax, Tunisia

**Sponsored by
TEQIP-III**

(Technical Education Quality Improvement Program)

Contact

The Symposium Chair

Tribology Laboratory

Mechanical Engineering Department

National Institute of Technology Srinagar

J&K, India

Mobile: 00-91- 8803824243

Email ID: mfwani@nitsri.ac.in

Website: new.nitsri.ac.in



Tribology laboratory, NIT Srinagar, India, in collaboration with National Engineering School of Sfax, Tunisia is organizing a five day international symposium, “**Tribology for Sustainability**”. The initiative is aimed at bringing together the researchers, scientists, technocrats and practising engineers to discuss and address the issues related to sustainable development of mechanical systems and its future need for the benefit of humanity. The first successful edition was held in Hammamet, Tunisia (2018).

Tribology is the subject of friction, wear and lubrication of mechanical systems and has played a pivotal role in the improved design of components and the mitigation of adverse contact conditions, resulting in more environment-friendly products. The specific field of sustainable or environment-friendly tribology emphasizes the aspects of interacting surfaces in relative motion, which are of importance for energy or environmental sustainability or which have impact upon today’s environment. This includes tribological technology that mimics living nature (biomimetic surfaces) and the control of friction and wear, which is of importance for energy conservation and conversion. In addition to this, the environmental aspects of lubrication and surface-modification techniques and tribological aspects of green applications, such as wind-power turbines, tidal turbines or solar panels, form essential part of sustainable tribology. It is clear that a number of tribological problems could be put under the umbrella of sustainable tribology and are of mutual benefit to one another.

Tribological development in terms of advanced materials, coatings, nano-coatings, solid lubricants, nano-lubricants, bio-tribology and sustainable design has tremendous potential to enhance the sustainability of mechanical systems. The participants of the symposium will discuss the research experience in the field of coating tribology, nano tribology, bio-tribology and lubricant tribology, and also how the study helps in the design and development of mechanical systems for better sustainable development in future. In addition to this, practical sessions will be held which will provide hands-on experience to the participants on the latest equipment in the field of tribology, nano-tribology and material characterization.

Topics and trends will be introduced through keynote sessions, short-term scientific presentations and experiments.

- Nano-Indentation
- Nano-Tribology
- High Temperature Tribology
- Solid Lubrication
- Composite Development & Characterization
- Ceramics Tribology
- Tribology at Molecular Level
- Tribology in Aqueous Environments
- Nano-Lubrication
- Tribological Testing & Characterization

Patron

Prof. Rakesh Sehgal (Director)

National Institute of Technology Srinagar, India

Symposium Chair

Prof. M. F. Wani

National Institute of Technology Srinagar
India

Symposium Co-Chair

Prof. Mohamed Kharrat

National Engineering School of Sfax
Tunisia

Advisory Committee

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Coordinators

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National Institute of Technology Srinagar,
India

Dr. Mukund Dutt Sharma

National Institute of Technology Srinagar,
India

Dr. Sheikh Shahid Saleem

National Institute of Technology Srinagar,
India

Dr. Abhijit Dey

National Institute of Technology Srinagar,
India

Venue: National Institute of Technology Srinagar, J&K, India-190006