



ABOUT THE WORKSHOP

Nanomechanical measurements and tribology are very exciting multi-disciplinary fields at the intersection of mechanics, physics, and chemistry. Many nanomechanical characterization focuses on mechanical properties of materials such as elastic modulus, hardness, or fracture toughness, while tribology deals with the friction, wear and lubrication when materials are subjected to sliding motion. The Workshop on “Nanomechanical and Tribological Characterization of Materials” is scheduled to be held during **March 4-5, 2022**. The objective of the Workshop is to highlight the state-of-the-art research in the mechanical and tribological properties of materials. This Workshop includes lectures and interaction session from eminent scientists at national level.

TOPICS COVERED

- Nanomechanical properties
- Friction and wear of interacting surfaces
- Coatings Tribology
- High-temperature tribological coatings
- PVD coatings
- Biotribology

WHO CAN ATTEND

- Scientists, Faculty Members and Research Scholars

REGISTRATION LINK

<https://tinyurl.com/yap6er3t>

E-certificate will be provided



INVITED SPEAKERS

Dr. Harish C. Barshilia, NAL, Bangalore
Dr. G. Sivakumar, ARCI, Hyderabad
Dr. P. Ramkumar, IIT Madras
Dr. R. Ramaseshan, IGCAR, Kalpakkam
Dr. N.L. Parthasarathi, IGCAR, Kalpakkam
Dr. Debdutt Patro, DUCOM Instruments, Bangalore

PATRONS

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Dr. Marie Johnson, President
Mr. Arul Selvan, Vice-President
Ms. Maria Bernadette Tamilarasi, Vice-President
Dr. T. Sasipraba, Vice Chancellor

CONVENERS

Dr. D. Dinesh Kumar, Scientist-C
Dr. P. Kuppusami, Senior Scientist

ORGANISING COMMITTEE

Dr. Vinita Vishwakarma, Scientist -F
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Dr. Subhenjit Hazra, Scientist-C
Dr. S. Anandh Jesuraj
Mr. B. Vigneshwaran, JRF



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Sponsored National Workshop
on

Nanomechanical and Tribological Characterization of Materials

March 4 – 5, 2022



Centre for Nanoscience and Nanotechnology
&
Centre of Excellence for Energy Research



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