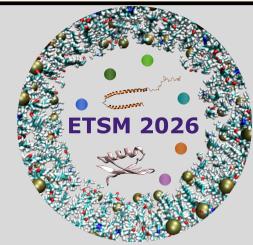




Online Conference on Emerging Trends in Soft Matter (ETSM 2026)



About the Institute and the Department

National Institute of Technology Rourkela is one of India's premier technical institutions, known for excellence in engineering, science, and management education, and is funded by the Government of India. The Department of Physics and Astronomy at NIT Rourkela is actively engaged in teaching and research in areas including soft condensed matter physics, theoretical and experimental condensed matter physics, nonlinear dynamics, and high energy physics.

About the Conference

The event aims to introduce participants to the fundamental principles and real-world applications of diverse subfields within soft matter science. It will serve as an inclusive platform for students, researchers, and industry professionals to exchange emerging ideas and promote interdisciplinary interactions. Through a carefully curated program of lectures, the conference plans to equip participants with essential computational tools, as well as theoretical and experimental insights, thereby strengthening their understanding of contemporary challenges and advances in soft matter research.

Conference Themes

- Active Matter
- Self-assembly & Phase transition
- Method development in Biophysics
- Interface, surfaces and Membranes
- Protein folding

Invited Speakers

- ❑ Prof. Sriram R. Ramaswamy, IISc Bangalore
- ❑ Prof. Ranjith Padinhateeri, IIT Bombay
- ❑ Prof. Subir Kumar Das, JNCASR Bangalore
- ❑ Prof. Ravi Jagadeeshan, Monash University, Australia
- ❑ Prof. Dipankar Bandyopadhyay, IIT Guwahati
- ❑ Prof. Biman Bagchi, IISc Bangalore
- ❑ Prof. Neelanjana Sengupta, IISER Kolkata
- ❑ Prof. Sunil Pratap Singh, IISER Bhopal
- ❑ Prof. Rahul Mangal, IIT Kanpur
- ❑ Prof. Vishwas V, IIT Palakkad
- ❑ Dr. Arabinda Bera, University of Milan, Italy
- ❑ Prof. Harish Dixit, IIT Hyderabad
- ❑ Prof. Gaurav Sharma, IIT Roorkee
- ❑ Prof. Sajal Kumar Ghosh, Shiv Nadar University
- ❑ Prof. Rajendra Giri, IIT/ISM Dhanbad
- ❑ Dr. Sarthak gupta, Rice University, Texas, US
- ❑ Prof. Ravi Kumar Pujala, IISER Tirupati

Organizing Committee

Chairperson:



Prof. Jyoti Prakash Kar
Head of department
Department of Physics and astronomy
NIT Rourkela

Conveners:



Prof. Soudamini Sahoo Prof. Mithun Biswas



Department of Physics and Astronomy, NIT Rourkela

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How to Register?

Registration link:

forms.gle/hkDUouXQ4kFj5FbB8

Registration Deadline: 28/02/2026

Conference Website:

sites.google.com/view/etsm2026

Scan to Register



Registration Fees:

For NIT Rourkela Student &

Invited Speakers: Nill

For Others: ₹500

UPI ID :

Merchant :