

# ADVANCEMENT AND INNOVATION IN SCIENCE AND ENGINEERING FIELDS

**(AISEF: SERIES-1)**

**12th. to 13th. June 2024**

**Organised by Central Research Facility**

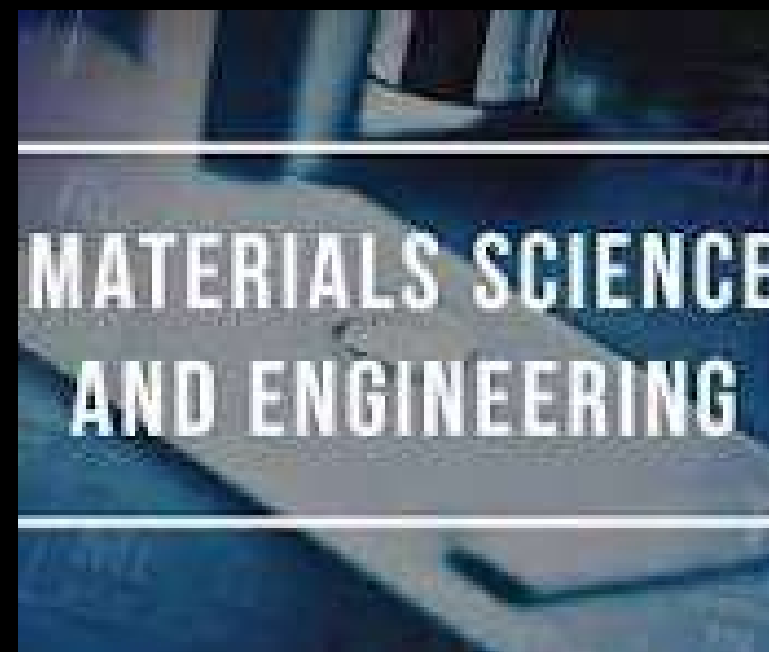
**National Institute of Technology Rourkela**



**Sustainability**



**Evolution**



**Discovery**



**Technologies**

## About Host

The National Institute of Technology Rourkela was established in 1961 to cater to various engineering applications at national and international levels. NIT Rourkela provides quality education in a diverse and multicultural environment. At NITR, regardless of funding source, equipment and software are accessible to the entire research community. To optimize their use and management, these resources are centralized into the "Central Research Facility" (CRF). The major goals of CRF include providing sophisticated analytical instruments to faculties, students, and users from academic, R&D, and industrial sectors to enhance research and development efforts.

## Important dates

**Abstract submission is open**  
**(1st round call for abstract/papers: 10-04-2024)**

Category	Early Bird registration (till 20th April 2024)	Late Registration
Student	5782 INR/ US \$100	8850 INR/ US \$130
Academician /R&D Lab.	5782 INR/ US \$120	8850 INR/ US \$180
Industrialist	15340 INR/ US \$200	16520 INR/ US \$230

More information: <https://nitrkl.ac.in/CRF/Index.aspx>

## Call for Papers

This conference confines with fifteen tropical tracks, which are well balanced in content and created an adequate discussion space for recent inventions. AISEF hosts following research Areas: all engineering disciplines and science fields

## Proceedings Publication

All Abstract will be published in Conference Proceedings  
Selected papers will be published in SCOPUS/SCI Indexed Book Series / Publishing House

## Tracks/Areas

Research, Advances & Innovations in

**Track-i:** Chemical Engineering related to material characterization and related fields.

**Track-ii:** Metallurgical & Materials Engineering related to microscopy, spectroscopy, and related fields.

**Track-iii:** Mechanical Engineering related to testing, and analysis of material properties and related fields.

**Track-iv:** Physics & Astronomy related to XRD, XRF, characterization and related fields.

**Track-v:** Chemistry related to spectroscopy, chromatography, characterization and related fields.

**Track-vi:** Researches in Ceramic Engineering in the field of testing, analysis and related fields.

**Track-vii:** Researches in Mining Engineering in characterization, testing, analysis and related fields.

**Track-viii:** Researches in Biotechnology & Biomedical Engg. in testing, analysis and related fields.

**Track-ix:** Research & Development in Earth & Atmospheric Science in characterization and testing.

**Track-x:** Research, Advances & Innovations in Civil Engineering in the field of testing, analysis and related fields.

**Track-xi:** Researches in Electrical, Electronics, AI, Robotics and Computer Sc. & Engg. Fields in the area of material characterization, testing and analysis.

**Track-xii:** Researches & Innovations in other Science and Engineering fields on material characterization, microscopy, spectroscopy, chromatography, Surface area analyzer, testing & analysis.

## Event Committee Patron

Prof. K. Umamaheshwar Rao,  
Director, NIT Rourkela

## Coordinators

Prof. Dayal R. Parhi; Head, CRF

Prof. Prateek Khatri

Prof. Rudra Narayan Kandi

Prof. Arnab Sarkar

Prof. Amrita Singh

Prof. Bharat Kumar

Prof. Earu Banoth

Prof. Tushar Gupta

Prof. Bimalendu Adhikari

Mr. Sudhir Kumar Bai

## Co-coordinators

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