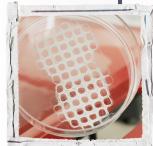


Theme of the Conference

Bio-fabrication & Tissue Engineering



Creating functional tissues and implants through 3D bioprinting and biomaterials.

Biomechanics & Biofluid Mechanics



Decoding forces and flows in biology for devices and disease models.

Nanomaterials & Biosensors



Nanoscale tools and sensors for advanced diagnostics and therapies

Molecular & Systems Biology for Healthcare



From genes to systems for precision medicine and drug discovery.

Instrumentation and Healthcare Technology



Innovative devices accelerating translation from lab to clinic.

About NIT Rourkela



National Institute of Technology
Rourkela

NIT Rourkela (the erstwhile Regional Engineering College, renamed on 26th June 2002) is one of the institutes of national importance under the Ministry of Education, Government of India. The government of India has elevated the Regional Engineering College, Rourkela to an autonomous institution under the name of the National Institute of Technology, Rourkela.

About the Department

The conference aims to provide an excellent platform for engineers, scientists, researchers, and professionals to share knowledge and experiences on the dynamics of the interdisciplinary approaches in solving problems of relevance to bioengineering covering major domains of Biological Innovation, Technology, Engineering and Sciences. The conference will serve as the best platform to learn and share new ideas in the area by connecting the stakeholders involved, particularly students, faculties, engineers, doctors, entrepreneurs, incubators, and enthusiasts.

About the Conference

The Bioengineering Conference 2025, themed "Translation of Bioengineering Research for Healthcare & Society," brings together leading experts, innovators, and young researchers to explore the future of bioengineering. The conference will showcase advances in biofabrication, biomechanics, nanomaterials, biosensors, systems biology, and healthcare technologies, emphasizing their translation into impactful solutions for patients and society. With keynote talks, invited lectures, and student presentations, the event provides a vibrant platform for collaboration between academia, clinicians, and industry. By fostering dialogue across disciplines, the conference aims to accelerate innovation and highlight the role of bioengineering in building a healthier, sustainable future.

BIOENGINEERING CONFERENCE 2025

Theme: Translation of Bioengineering Research for Healthcare and Society

11th–13th December, 2025

Venue: PPA (Auditorium), NIT Rourkela



ORGANIZING COMMITTEE

PATRON

Prof. K. Umamaheshwar Rao, Director, NIT Rourkela

CHAIRMAN

Prof. Devendra Verma, HoD, BM

CONVENORS

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Prof. Mirza Khalid Baig | baigm@nitrkl.ac.in

Prof. Amrita Singh | singham@nitrkl.ac.in

Prof. Anamika Singh | singhanamika@nitrkl.ac.in

Events

- Oral Presentation
- Poster Presentation
- Business Plan
- Scientific Photography Contest
- Alumni Meet

Speakers

Plenary Speakers



Prof. Kaushik Chatterjee
(IISc Bangalore)



Prof. Jitendra Thakur
(ICGEB New Delhi)

Invited Speakers



Prof Rodriguez Manzano
(Imperial College, London)



Prof Simon C Cork
(Anglia Ruskin University, UK)



Prof. Prashant Agarwal
(Northumbria University, UK)



Prof. Chinmaya Mahapatra
(NIT Raipur)



Prof. Sriparna Chatterjee
(IMMT, Bhubaneshwar)



Prof. Avinash Eranki
(IIT Hyderabad)



Prof. Abhilash Patel
(IIT Kanpur)



Prof. Indresh Yadav
(IIT Bhubaneshwar)



Prof. Suhail Rizvi
(IIT Hyderabad)



Prof. Kaushik Choudhury
(AIC-IPR)



Prof. Gowri Balachander
(IIT BHU)

Registration

Abstract submission : 15 Nov 2025
Acceptance of abstract : 30 Nov 2025

Registration Link : <https://forms.gle/hdDimrHsTPwYZbeH8>

Abstract submission link :

Registration Fees

Participants	Offline	Online
Students	Rs. 4000	Rs. 1500
Faculty	Rs. 6000	Rs. 3000
Industry	Rs. 8000	Rs. 4000

LAST DATE OF REGISTRATION: 07 Dec, 2025

Registration for student/ staff of NIT Rourkela is free;
Accommodation will be arranged at the campus, subject to availability and charges payable by the participant.

Students willing to participate in the competition need to be present offline.

Account Name: Conference, NIT Rourkela

Bank Name: State Bank of India (SBI)

Account Number: 367 344 18 111

IFSC Code: SBIN0002109



Scan the QR Code to register and join us!

Contact us at:

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author.nbc.2025@gmail.com