

# “BioEngineering Conference - 2024”

November 6<sup>th</sup> – 8<sup>th</sup>, 2024

## BEC-2024

Hybrid Conference  
on

### Bioengineering for Sustainable Development Goals



Patron

**Prof. K. Umamaheshwar Rao**, Director  
Chairman

**Prof. Devendra Verma**, HoD, BM  
Convenors

**Prof. Balasubramanian P**,  
Associate Professor, Department of BM  
&

**Prof. Earu Banoth**,  
Assistant Professor, Department of BM



Organized by

Department of Biotechnology and Medical Engineering  
National Institute of Technology Rourkela  
Rourkela, Odisha-769008, India.

## About BEC-2024

The BioEngineering Conference 2024 theme is “Bioengineering for Sustainable Development Goals”. The goal of the NBC-2024 conference is to create a wonderful ambience of scientific knowledge for the exchange of ideas and develop more technologies to solve global challenges in the broad areas such as:

- Biomechanics and Biotransport Engineering
- Bioprocess Engineering
- Cell and Molecular Engineering
- Environmental and Plant Biotechnology
- Medical Electronics and Instrumentation
- Tissue Engineering and Biomaterials

**Call for abstracts: Please submit the abstract (within 250 words) to <https://forms.gle/7qL4R4GViMwYFS076> on any of the following topics but not limited to:**

**Track 1:** Industrial Biotechnology

**Track 2:** Omics in Biotechnology

**Track 3:** Biomedical Engineering

**Track 4:** Medical Electronic Devices

**Track 5:** AI & ML in Bio-Engineering

**Track 6:** Bio-Entrepreneurship

**Awards will be given for Best Poster and Oral Presentations**

## Conference Publications

*BioEngineering Conference – 2024 welcomes submission of abstracts for original contribution. All the abstract will be published in the conference proceedings and selected papers will be published in a special issue of Scopus indexed Lecture notes in Bioengineering (awaited) after peer review.*

Who should attend

- UG/PG Students
- Research (Ph.D/PDF) scholars
- Young faculty and scientists
- Industry personnel



Website

## Important dates

**Abstract submission deadline**

October 15, 2024

**Communication of acceptance**

October 15, 2024

**Registration deadline**

October 20, 2024

## Registration Fee Details

Participant	Early Bird Registration ends on 10th Oct. 2024		Registration ends on 15th Oct. 2024	
	Online	Physical	Online	Physical
<b>Indian Nationals</b>				
UG/PG Students	Rs. 2000	Rs. 3000	Rs. 3500	Rs. 4000
Scholars (Ph.D/ PDF)	Rs. 3000	Rs. 4000	Rs. 4500	Rs. 5000
Academicians	Rs. 4500	Rs. 5000	Rs. 5500	Rs. 6000
Industry Personnel	Rs. 6500	Rs. 7000	Rs. 7500	Rs. 8000
<b>Foreign Nationals/ Exchange Participants</b>				
UG/PG Students	80 USD	100 USD	120 USD	150 USD
Scholars (Ph.D/ PDF)	100 USD	120 USD	150 USD	180 USD
Academicians	200 USD	220 USD	250 USD	270 USD
Industry Personnel	300 USD	350 USD	370 USD	400 USD

**For Registration click below**

<https://forms.gle/mnukxXyEfZ2JRDMb9>

The registration fees can be paid directly by account transfer. **Bank name:** SBI, **Branch Name :** NIT Rourkela Campus, **IFSC code :** SBIN0002109  
**Account Name :** CONFERENCE, NIT ROURKELA , **Account Number:** 36734418111,  
**Email:** [nbcnitrourkela@gmail.com](mailto:nbcnitrourkela@gmail.com)

## About the Institute

National Institute of Technology, Rourkela is one of the top ranking Institute for technical education established by the Government of India (Rank 29 in Research and 37 in NIRF ranking overall and 676 in QS University Sustainability Ranking for overall category). NIT Rourkela is a prestigious institute with a reputation for excellence in research and education at undergraduate, postgraduate and doctoral levels.

## About the Department

The Department of Biotechnology and Medical Engineering was established in 2007. The department is presently offering B. Tech. and M. Tech. degrees (in Biotechnology as well as Biomedical Engineering) and Ph. D. degree. The faculty members conduct individual as well as collaborative research in diverse areas like Cell & Molecular Engineering, Tissue Engineering & Biomaterials, Bioprocess Engineering, Environmental & Plant Biotechnology, Biomechanics & Biotransport Engineering, Medical Electronics & Instrumentation etc. The department has state of art laboratories that are well equipped for basic and applied research.



## List of Faculty

**Prof. Devendra Verma, Associate Professor,  
(Head of the Department)**

**Prof. Krishna Pramanik, Professor**

**Prof. Subhankar Paul, Professor**

**Prof. Mukesh Kumar Gupta, Professor**

**Prof. Kunal Pal, Professor**

**Prof. A.Thirugnanam, Professor**

**Prof. Amit Biswas, Associate Professor**

**Prof. Nandini Sarkar, Associate Professor**

**Prof. P. Balasubramanian, Associate Professor**

**Prof. Nivedita Patra, Associate Professor**

**Prof. Angana Sarkar, Associate Professor**

**Prof. Kasturi Dutta, Associate Professor**

**Prof. Bibhukalyan Prasad Nayak, Assistant  
Professor**

**Prof. J. Sivaraman, Assistant Professor**

**Prof. Anju R Babu, Assistant Professor**

**Prof. Mirza Khalid Baig, Assistant Professor**

**Prof. Bala Chakravarthy Neelapu, Assistant  
Professor**

**Prof. Earu Banoth, Assistant Professor**

**Prof. Prason Kumar, Assistant Professor**

**Prof. Ravi Kant Avvari, Assistant Professor**

**Prof. Lohit Kumar Srinivas Gujjala, Assistant  
Professor**

**Prof. Amrita Singh, Assistant Professor**

**Prof. Anamika Singh, Assistant Professor**

**Prof. Bikash Maharaj, Assistant Professor**

## Organizing Committee

### Patron:

Prof. K. Umamaheshwar Rao  
Director, NIT Rourkela

### Chairman:

Prof. Devendra Verma  
Head of the Department,  
Department of Biotechnology and Medical  
Engineering, NIT Rourkela

### Conveners:

Dr. Balasubramanian P & Dr. Earu Banoth  
Department of Biotechnology and Medical  
Engineering, NIT Rourkela

### Organizing Committee:

All Faculties of Department of  
Biotechnology and Medical Engineering,  
NIT Rourkela

### Student Co-ordinators:

Ms. Alisha Zaffar  
Mr. Shaik Ahmadsaidulu

### Contact us:

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Abstract Submission



Registration