

# "National Bioengineering Conference - 2023"

November 9-11, 2023

## Bioengineering in Healthcare, Environment & Agriculture



# NBC - 2023



Convenors

**Dr. Nivedita Patra & Dr. Nandini Sarkar**

**Department of Biotechnology and  
Medical Engineering  
National Institute of Technology  
Rourkela**

## About the Conference

National Bioengineering Conference 2023 theme is "Bioengineering in Healthcare, Environment & Agriculture". The goal of the NBC-2023 conference is to create a wonderful ambience of scientific knowledge for the exchange of ideas and develop more technologies to solve global challenges such as:

- Treatment of diseases
- Efficient agricultural activities
- Environment management
- Solution to food crisis, wastage of food resources
- Easy access to phytopharmaceuticals, among others

**Call for abstracts: Please send abstract (within 250 words) to [bioengineering23@gmail.com](mailto:bioengineering23@gmail.com) on any of the following topics:**

Bioprocess Engineering,  
Tissue Engineering,  
Genetic Engineering,  
Protein Engineering,  
Genomics and Proteomics,  
Medical Biotechnology,  
Environmental Biotechnology  
Cancer Biology,  
Agriculture and Plant Biotechnology,  
Animal Biotechnology,  
Cell and Molecular Biology,  
Biosensors and Bioelectronics,  
Biomaterials,  
Computational Biology & Bioinformatics,  
Nanotechnology  
Stem cell and Regenerative Medicine  
Immunotechnology  
Bioenergy  
IPR in Bioengineering,  
Others

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

## Conference Publications

*National Bioengineering Conference - 2023 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 **Industrial Biotechnology Journal** after peer review.*

## Who should attend

- Students and Research scholars
- Young faculty and scientists
- Industry personnel

## Chief Guest & Guest of Honour

Prof. H. S. Chawla, Retired Professor, GBPUAT, Pantnagar, Uttarakhand

Dr. Alok Kalra, Ex Director, CSIR-CIMAP

## Keynote Speakers

Prof. Vikash Kumar Dubey, Professor, IIT (BHU)

Prof. Chandan Goswami, NISER Bhubaneswar

Dr. Mohammed Saleem, NISER Bhubaneswar

Dr. Shri Ram Yadav, Associate Professor, IIT Roorkee

Dr. Gunjan Prakash, Associate Professor, UDCT Mumbai

Dr. Akanksha Singh, Scientist B, CSIR-CIMAP

Dr. MVRK Sarma, Senior Scientist, CSIR-CFTRI

## Invited Speakers

Dr. Prakash Saudagar, Associate Professor, NIT Warangal

Dr. Sushant Singh, Associate Professor, Amity University Raipur

Dr. Asim Bikas Das, Associate Professor, NIT Warangal

Dr. Urmila Saxena, Associate Professor, NIT Warangal

Dr. Achlesh Daverey, Doon University

## Contact us:

Dr. Nandini Sarkar

Tel: +91-7873092599

Dr. Nivedita Patra

Department of Biotech. & Medical  
Engg., NIT, Rourkela-769008.

E-mail: [bioengineering23@gmail.com](mailto:bioengineering23@gmail.com)

## 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 601-650 in QS world ranking for Computer Science and IT](#)). NIT Rourkela is a prestigious institute with a reputation for excellence in research and education at undergraduate, postgraduate and doctoral levels.

## The Departments

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.



## Important dates

Abstract submission deadline: September 5th, 2023  
Communication of acceptance: September 10th, 2023

Registration deadline: October 10th, 2023

## Registration fees:

Participants	Early Bird registration ends on 10 <sup>th</sup> Oct 2023	Registration ends on 25 <sup>th</sup> Oct 2023
--------------	---	--

Indian nationals		
Students	Rs. 3500 (including GST)	Rs. 4000/- (including GST)
Academicians	Rs. 5500/- (including GST)	Rs. 6000/- (including GST)
Industrialists/ R&Ds	Rs. 6500/- (including GST)	Rs. 7000/- (including GST)
Foreign nationals/Exchange participants		
Students	100 USD	120USD
Academicians	200USD	250USD
Industrialists/ R&Ds	350USD	400USD

For Registration click below :-

<https://nitrkl.ac.in//docs/Conference/BM/10072023170850041F.pdf>

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, **Account type:** Savings  
Email ID: [bioengineering23@gmail.com](mailto:bioengineering23@gmail.com)

## Organizing Committee

### Patron:

Prof. K. Umamaheshwar Rao, Director,  
NIT Rourkela

### Chairman:

Prof. Kunal Pal,  
Head, Department of Biotechnology and  
Medical Engineering, NIT Rourkela

### Advisor :

Prof. Krishna Pramanik  
Department of Biotechnology and  
Medical Engineering, NIT Rourkela

### Conveners:

Dr. Nandini Sarkar & Dr. Nivedita Patra  
Department of Biotechnology and  
Medical Engineering, NIT Rourkela

### Organizing Committee:

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

### Student Co-ordinators:

Amit Mitra  
Debasmita Chakraborty  
Abhiraj Chakraborty  
Jayashree Nanda  
Nethra Venkatesh  
Srijita Chowdhury  
Anushka Ghosh