

# 3<sup>rd</sup> International Conference on Bioprocess for Sustainable Environment and Energy (Hybrid mode)

June 20-24, 2022



ICBSEE-  
India-2022



Organized  
by

Department of  
Biotechnology and Medical  
Engineering  
NIT Rourkela  
Venue : NIT Rourkela

## About Host

Department of Biotechnology and Medical Engineering at National Institute of Technology Rourkela (NIT Rourkela) was established in 2004 to flourish in the emerging areas of biotechnology and Biomedical Engineering. NIT Rourkela provides quality education in a diverse and multi-cultural environment. The mission of the institute is to become an internationally acclaimed institution of higher learning that will serve as a source of knowledge and expertise for the society and be a preferred destination for undergraduate and graduate studies.

## Welcome to ICBSEE-India-2022

**ICBSEE-India-2022** will enlighten the field of **Energy-Environment-Bioprocess**. The main theme of the conference is **"Bioprocess: From Research to Real Life"** which covers a wide range of critically important sessions. ICBSEE-India-2022 would provide a platform for the interaction between the Scientist communities around the world and aims in establishing pollution free sustainable environment by accelerating the cutting edge Bioprocess Technologies.

**ICBSEE-India-2022** provides the combined arena of government-academia-industry to incorporate all potential aspects in approaching one-foot step ahead towards MAKING SWACHHA BHARAT

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### Scope of the Conference:

The major thrust of **ICBSEE-India-2022** is to emphasize the recent innovations and development of bioprocess strategies towards **environment and energy**. Keeping this in view, exclusive sessions will be dedicated to personnel from broad area of academia, industry and research on the focussed thematic areas.

### The conference will focus on the following topics, but not limited to:

- i. Environment
  - Biodiversity and Omics
  - Bioprocess and Bio-systems
  - Bioremediation: solid and liquid wastes
  - Hazardous substances: detection and management techniques
  - Carbon sequestration and storage
  - Green organic synthesis routes
  - Product engineering in the Bio-Industries
  - Product innovation, development and economics
  - Enzymes of environmental importance
  - Biomaterials and Nanotechnology
  - Recovery and recycling of effluents
  - Value added products from wastes
- ii. **Bioprocess**
  - Bioprocess: advance approaches for better quality product
  - Enzymes of Industrial importance
  - Biomass Processing
  - Bioprocess for Food and Fermentation
- iii. **Energy**
  - Biofuels
  - Bio-refinery
  - Green energy
  - Waste-to-energy technology
  - Sustainable and renewable energy
  - Clean energy systems and technology
  - Low cost and innovative technologies
  - Advance technologies for alternative fuels

### Abstract Submission:

- Kindly refer to the abstract template and the guide lines on the website ([www.icbsee.com](http://www.icbsee.com)) for the preparation of the abstract.
- The final version of the abstract should be mailed to [icbsee@gmail.com](mailto:icbsee@gmail.com)

### Key Dates:

1. **Abstract Submission: 30<sup>th</sup> April , 2022**
2. **Abstract Acceptance : 1<sup>st</sup> May , 2022**
3. **Early Bird Registration : 15<sup>th</sup> May, 2022**

### Registration fees:

#### National: (Conference)

**Faculties from academic institutions : Rs: 4000/-**  
**Participants from industries : Rs: 4000/-**  
**Research Scholars: Rs. 3000/-**

#### International:

**Research Scholars (International): USD 50**  
**Faculties and Scientists (International) : USD 50**

**PAYMENT** All payments should be made through A/c payee Demand Draft in favor of “**CONFERENCE NIT ROURKELA**”, payable at SBI NIT Campus Branch, Rourkela (IFSC Code: SBIN0002109) or through NEFT transfer to **A/c No. 36734418111**. You can also visit [www.nitrkl.ac.in](http://www.nitrkl.ac.in) for downloading the registration form and other information.