



National Seminar on

# Research & Innovations in Industrial & Marine Biotechnology: A Circular Economy

*Empowering Blue and White Economy*

4<sup>th</sup> & 5<sup>th</sup> November, 2024



  
RIIMBCE-2024

In line with  
BioE3-  
'Biotechnology for  
Economy,  
Environment and  
Employment' Policy  
Govt. of India

*Organized by*

**Centre for Industrial Biotechnology Research (CIBR)**

Siksha 'O' Anusandhan (Deemed to be University)  
Bhubaneswar-751003, Odisha

*Supported by*

**DST-Science and Engineering Research Board (SERB), Govt of India**

*In Association with*

**National Research Development Corporation (NRDC), Govt of India, New Delhi**  
**Biotech Research Society of India (BRSI), Trivandrum, Kerala**



## ABOUT THE SEMINAR

National Seminar on '**Research and Innovations in Industrial & Marine Biotechnology: A Circular Economy (RIIMBCE -2024)**', *Empowering Blue & White Economy* is scheduled to be held on **4<sup>th</sup> -5<sup>th</sup> November 2024** at the Centre for Industrial Biotechnology Research (CIBR), Siksha 'O' Anusandhan (Deemed to be University), Bhubaneswar, Odisha, India in collaboration with Biotech Research Society of India (BRSI) & National Research Development Corporation (NRDC). Biotechnological innovations are rapidly reforming the medical, pharmaceutical, agriculture, and allied sectors. Industries have been quick to follow with scientific discoveries regarding industrial production and their commercial applications for the well-being of society. Circular Economy (CE) in the past half-decade has emphasized holistically addressing economic, environmental, and social aspects of the industrial sector. CE has recently emerged as a new paradigm for creating the basis for a sustainable society. This seminar will foster the process of '**Vigyan Dhara**' scheme approved by the Indian Government to promote S&T capacity building, innovation and technology development in the field of biotechnology.

The seminar will focus on plenary sessions, poster presentations and exhibition of cutting-edge research, and networking sessions; the seminar seeks to catalyze partnerships and initiatives that drive forward the integration of biotechnology into global industrial economies. Ultimately, the goal is to facilitate knowledge exchange, inspire innovative solutions, and contribute to the advancement of biotechnological applications that benefit society and the economy at large greater heights.

## SCOPE OF THE SEMINAR

This Seminar aims to bring together experts from academic institutions, industries, research organizations, Govt. officials and policy makers to share ideas in emerging research fields that are pivotal in advancing biotechnological solutions, enhancing healthcare, and exploring sustainable resources for innovative industrial and societal applications. The seminar targets to bring together domain experts working in different sectors of Biotechnology and other related fields to share their valuable knowledge in their respective fields of expertise. The seminar will also provide a platform for the young researchers to interact with the experts and industry personals to enhance their knowledge.

## ABOUT THE UNIVERSITY

Siksha 'O' Anusandhan (Deemed to be University), Bhubaneswar is a leading University in India offering professional programs in the disciplines of Basic Sciences, Engineering, Medicine Sciences, Pharmaceutical Sciences, Managements, Law, Agricultural & Agricultural Management Practice (AMP) & Veterinary Sciences. SOADU is accredited by the National Assessment and Accreditation Council (NAAC) with (A<sup>++</sup>) grade. As per National Institutional Ranking Framework (NIRF), ranking of SOADU in 2024 is 14 in university category, 9 in Law, 26 in Engineering, 21 in Medical & 9 in Dental category.

## ABOUT THE CENTRE (CIBR)

Centre for Industrial Biotechnology Research (CIBR) in Siksha 'O' Anusandhan (Deemed to be University) is a research-based innovation centre, that aims to boost biotechnological research on industrial applications and bridge the skill gaps between Industry and Academia.



In today's world where sustainability and environmental concerns are at the forefront, a groundbreaking field known as white biotechnology or industrial biotechnology has emerged. White Biotechnology harnesses the power of living organisms, particularly microbes, to produce sustainable and ecological solutions for a wide range of industries. Industrial biotechnology, integrated into our daily lives from clothing to fuel, represents a vital discipline paving the way for a sustainable and eco-friendly chemical manufacturing industry. The Center for Industrial Biotechnology Research (CIBR) offers industrial products for wellbeing of the society. Led by expert faculty, CIBR aims to promote the next generation of Industrial Biotechnology Research. Through our research program, we aspire to support graduate students from diverse backgrounds in discovering and developing new applications for a future-driven world.

## THEMATIC AREAS

- 1. **Microbial, Plant and Animal Biotechnology.**
- 2. **Enzymology, Fermentation and Bioprocessing Technology.**
- 3. **Bio-prospecting of Marine Biotechnology & Blue Economy.**
- 4. **Biotechnology in Industry, Agriculture, Medical & Pharmacy.**
- 5. **Bioresource Utilization in Societal & Rural Development, & Circular Economy.**
- 6. **Bioethics, Intellectual Property Right, Start-ups & Scientific Innovations**

## EXHIBITION

An exhibition will be organized during the conference to showcase different technologies in Industrial and Marine Biotechnological sectors. Industry personals can also take part in this session to present technological updates in the above fields.

## PRESENTATION

The Seminar will comprise invited talks, oral presentations, poster presentations, and exhibition. The schedule of the presentation and other updates will be provided on the seminar's website ([www.sadcss.soa.ac.in](http://www.sadcss.soa.ac.in)). Acceptance of the abstract requires registration in the seminar with payment of the requisite fee for attending the seminar.

## AWARDS

Best 3 oral presentation and 3 posters will be selected for awards. These awards will be given at the valedictory session. A team of judges consisting of experts will decide for the awards and decision of the team will be final.

## PUBLICATION

As the major outcome of the seminar some of the selected good quality papers presented in the seminar will be published in special issues of scopus indexed journals. Abstracts of the seminar will be published in abstract booklet.



## Core-Organizing Committee

### CHIEF PATRON



### PATRONS



**Prof. Pradipta Kumar Nanda**

Vice Chancellor  
Siksha 'O' Anusandhan  
(Deemed to be University)  
Bhubaneswar

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**Prof. (Dr) Manas Kumar Mallick**

Director, ITER  
Siksha 'O' Anusandhan  
(Deemed to be University)  
Bhubaneswar

### CONVENOR



**Prof. Hrudayanath Thatoi**

Director, CIBR, SOADU

### DEAN, SRIC



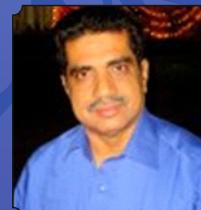
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Dean, SRIC  
SOA DU

### DEAN, R&D



**Prof. Jayanta Ku. Nath**  
Dean,  
Research and Development

### CO-CONVENORS



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Head, Central Research Laboratory  
IMS and SUM Hospital, SOADU



**Prof. Ramesh Chandra Ray,**  
Adjunct Professor,  
CIBR, SOADU

### ORGANIZING SECRETARY



**Dr. Amrita Banerjee**  
Asst. Professor (Research),  
CIBR, SOADU

### CO-ORGANIZING SECRETARY



**Dr. Sourav Chattaraj**  
Asst. Professor (Research),  
CIBR, SOADU

### TREASURER



**Dr. Shibani Mohapatra**  
Asst. Professor (Research),  
CIBR, SOADU

## Scientific Advisory Committee

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Dr. Sarat Chandra Sahoo, Director, Center for Env. Climate Change, ITER, SOADU  
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Dr. Bharat Bhusan Patnaik, Head, Dept. of Biotechnology, FM University  
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Mr. Piyush Mohapatra, Senior Program Coordinator, Toxics Link, New Delhi

## Organizing Committee

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Prof. Goutam Rath, Professor, SPS, SOADU  
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Dr. Shibani Mohapatra, Asst. Professor, CIBR, SOADU  
Dr. Sansuta Mohanty, Asst. Professor, Faculty of Ag. Science, SOADU  
Dr. Sourav Chattaraj, Asst. Professor, CIBR, SOADU  
Dr. Chita Ranjan Sahoo, ICMR-RMRCBB

## INVITED SPEAKERS (ACADEMIA & INDUSTRY PERSONNELS)

					
<b>Prof. N. Thajuddin</b> Pro-Vice Chancellor, BSA, Tamil Nadu	<b>Prof. Ashok Pandey</b> Scientist, CISTR CSIR-IITR, Lucknow	<b>Prof. Arnab Sen</b> Dept. of Botany North Bengal University, West Bengal	<b>Prof. Keshab Chandra Mondal</b> Dept. of Microbiology Vidyasagar University, West Bengal	<b>Dr. PradeepK. Das mohapatra</b> Dept. of Microbiology, Raiganj University, West Bengal	<b>Prof. Shonan Ray Chaudhuri</b> Tripura University
					
<b>Dr. Nagendra Thakur,</b> Sikkim Central University	<b>Dr. Samir R Samantara,</b> DGM , NABARD, Odisha	<b>Dr. Bijay Kumar Sahu</b> Senior RM, NRDC, Govt. of India, New Delhi	<b>Dr. Sanjay Singh</b> CEO, ImgineX India Pvt.Ltd, BBSR	<b>Dr. Partho Bandyopadhyay</b> COO Finray, Biotech Pvt. Ltd, Ahmadabad	<b>Dr. Samir K. Singdevsachan</b> Dy Manager, R&D Laurus Biotek, Ahmadabad

### SUBMISSION OF ABSTRACTS

The abstract should be typed in English using MS Word single space (Title-16pt, Authors name-12pt, Affiliation-12pt, Abstract -12pt, justified, line spacing single, keywords:6-8, Font – Times New Roman) and should not exceed 300 words. The title of the paper, name(s) of the author(s) followed by their address and email should be mentioned in the abstracts. Please underline the name of the presenter and mention the Email-ID of the presenting author. Abstract in word format should be sent to [soa.cibr@gmail.com](mailto:soa.cibr@gmail.com). Selected papers will be published in a Scopus-indexed international journal. Please contact the seminar organizers if you don't receive confirmation about the receipt of your extended summary within 10 days. The Scientific Program Committee reserves the right to edit/reject any abstract/manuscript if required. Abstracts will be published only after receiving the registration fee.

### ORAL PRESENTATION GUIDELINES

Prepare not more than 10 slides to present the research work. Time duration for oral presentation will be limited to 10 minutes with powerpoint presentation not more than 15 slides. Powerpoint Presentation should be uploaded the day prior to your assigned session.

### POSTER PRESENTATION GUIDELINES

Poster should be laid out in portrait format with dimensions not to exceed 4 feet (height)×3 feet (width). Audiovisual equipment and computers cannot be accommodated in the poster exhibit.

### IMPORTANT DATES

Notification of Submission of Abstract	1 <sup>st</sup> October, 2024
Last date for Abstract Submission	25 <sup>th</sup> October , 2024
Date of Notification of Accepted Abstract	26 <sup>th</sup> October , 2024
Last Date of Seminar Registration	30 <sup>th</sup> October , 2024
Last Date of Full Paper Submission	31 <sup>st</sup> December, 2024
Date of Seminar	4 <sup>th</sup> -5 <sup>th</sup> November, 2024


  
[Registration Link](#)

**For further information, please visit:**

<https://www.soa.ac.in>

Registration & Abstract submission link: <https://forms.gle/8PG1MzPxuZHNLsuw5>

### **REGISTRATION FEE:**

Category	Indian INR
Student (UG & PG)	600
Research Scholar	1,200
Delegates (Academic/ Faculty/ Research Organization)	1,500
Delegates (Industry)	3,000

Registration fees can be reduced for research scholars from same institute/organisation in a group of more than five students, can be considered as per decision of the committee.

### **How to submit Registration Fee**

Participants are requested to register for the seminar **on or before October 30th 2024** by paying a registration fee (**non-refundable**) through online transaction.

Account Name : SIKSHA 'O' ANUSANDHAN UNIVERSITY  
Bank Name : Canara Bank, Ghatikia Bhubaneswar  
Account Number : 3674201000018  
IFSC Code : CNRB0003674

**The registration fee includes Seminar kits, tea & snacks, lunch.**

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Half Page	: Rs. 3000/-	Colour Full Page	: Rs. 5000/-
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### **CONTACT US**

#### **Prof. Hrudayanath Thatoi**

Convenor

Email: [director.cibr@soa.ac.in](mailto:director.cibr@soa.ac.in)  
Contact No.: +91 8917440363

#### **Abstract acceptance details:**

Dr. Shibani Mohapatra  
Email: [shibanimohapatra@soa.ac.in](mailto:shibanimohapatra@soa.ac.in)  
Contact No.: +91 7205688381

#### **Dr. Amrita Banerjee**

Organizing Secretary  
Email: [amritabanerjee@soa.ac.in](mailto:amritabanerjee@soa.ac.in)  
Contact No.: +91 7872168400

#### **Accommodation and Transport:**

Dr. Sourav Chattaraj  
Email: [souravchattaraj@soa.ac.in](mailto:souravchattaraj@soa.ac.in)  
Contact No.: +91 8250579360

### **ACCOMMODATION**

There are limited guest house accommodation facilities available at the University. Accommodation will be provided to registered delegates on a first come first serve basis at University Campus hostels, Guest Houses, and in nearby hotels with tariff. Local transport will be provided to the guests from the Guest House/hotel to the venue.

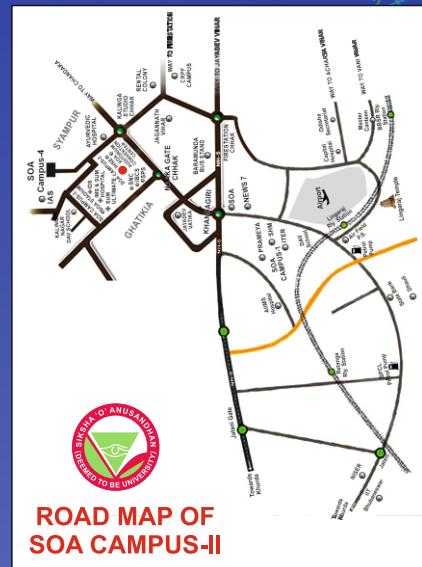


## How to reach BHUBANESWAR

**By Air:** The nearest airport is the Biju Patnaik International Airport, Bhubaneswar (BBI) which is situated roughly 5 km away from SOADU Campus-2, and is connected to all major cities of the country including Delhi, Chennai, Mumbai, Kolkata, Bengaluru, Varanasi, Allahabad, Patna, Ranchi, Vishakhapatnam and Nagpur. It is also served by international flight from UAE, Thailand and Malaysia.

**By Train:** A large number of Superfast trains and other trains originating from the major cities of India, are connected to Bhubaneswar station. SOADU Campus - 2 is 8 km from station.

**By Road:** There are a number of bus services connecting the city to various cities in the neighbouring states. The bus services include Government as well as private buses. You can explore within the city using auto rickshaws and other public modes of transports like buses, tourist buses and hired cars. SOADU Campus - 2 is 3 km from bus stand.



Odisha truly signifies the essence of being Scenic, Serene, Sublime, as well as the soul of incredible India. This holy land of Lord Jagannath, the lord of the Universe, located on the eastern coast of India, The State is a unique combination of ancient temples, monuments, wildlife, lovely beaches, splendid architecture and mosaic of various culture. Odisha, otherwise known as Kalinga, Utkal, Odra, Koshal, represents the excellence in art and architectural grandeur in most of its monuments, handicrafts and performing art. Bhubaneswar – the capital city of Odisha, is one of the beautiful cities in India, known for its architectural wonders that are in the form of temples and shrines. That is why it is also called the City of Temples. Once it was known as the Cathedral of the East for proud possession of magnificent sculptures and architectural heritage coupled with the sanctity as Ekamra Kshetra epitomizing the history of Odisha since 3rd Century B.C. Interested participant can have pre or post conference tour to visit temples, caves, museum, Buddhist stupa, caves and zoological and botanical garden etc.

