International Symposium on

Advances in Algal Research

12 - 14, June 2023

ALGAL RESEARCH

Approximately 45,000 to 100,000 species of algae exist on earth. Recently, algae have been gaining a lot of popularity not only for its ability to produce biomass for biofuel production but also for also various other phenomenons such as nutrient upcycling, wastewater treatment, resource recovery etc. Microalgae have shown strong adaptability towards various environmental conditions and hence a lot of research has been carried out where microalgae has been employed for the treatment of industrial as well as domestic wastewater. Microalgae can utilize the organic content of the wastewater as the carbon and nutrient source rendering the algal cultivation cost-effective. With the continuous development of the biotechnological research, advancement in the field of wastewater treatment can be explored at the genetic level. Additionally, biovalorization of algal biomass has also been gaining momentum. Production of various valuable nutraceuticals, bioactive compounds, etc has contributed to the economic viability of the overall biofuel production cost.

In pursuit of the above-mentioned accomplishments, the Advances in Algal Research (AAR-2023) aims to bring together the leading academicians, researchers and industrial persona to exchange and share their experiences and research outcomes about all aspect of algal research. It will also provide an interdisciplinary forum for the budding researchers to present and discuss the most recent innovations, trends, concerns, practical challenges encountered and the solutions adopted in the field of algal biorefinery.

Venue: IIT Guwahati

- The Symposium will be jointly hosted by: **IITG, CSIR-IICT, GBPUAT & DTU.**
- Chairs: **Prof. Kaustubha Mohanty & Prof. Irini Angelidaki**
- Co-Chairs: **Prof. S. Venkata Mohan & Prof. Anil K. Sharma**

भारतीय प्रौद्योगिकी संस्थान गुवाहाटी
Indian Institute of Technology Guwahati

सीएसआईआर - आईआईसीटी
CSIR - IICT

PANTNAGAR 1960

DTU

Theme:

- **Algae cultivation methods**
- **Algae harvesting methods**
- **Bioreactor design, engineering & control**
- **Algae biofuels; High value products & co-products for circular bio-economy**
- **Advanced algal biorefinery; LCA and TEA**

Important dates:

5th April 2023	Abstract submission open
5th May 2023	Abstract submission closes
6th May 2023	Acceptance notification
6th May 2023	Registration opens
10th June 2023	Registration closes

Abstract needs to be submitted to
algal2023@gmail.com

Registration:

National	
Student (including Post-doc)	6,000 INR
Faculty/Scientist	9,500 INR
Industry	12,000 INR
International	
Student (including Post-doc)	240 $
Faculty/Scientist	360 $
Industry	475 $

The Registration Fee mentioned above for all the categories is including 18% GST.

On the spot, registration is not allowed.

Accommodation: Accommodation for delegates will be available in institute guesthouse on payment basis. Accommodation for students/post-docs will be available in hostels on payment basis.

Kaustubha Mohanty
Professor & Head
Department of Chemical Engineering,
Indian Institute of Technology Guwahati

Irini Angelidaki
Professor
Department of Chemical and Biochemical Engineering,
Technical University of Denmark, DTU

S. Venkata Mohan
Principal Scientist
Bioengineering and Environmental Sciences division
Council of Scientific and Industrial Research-Indian Institute of Chemical Technology (CSIR-IICT)

A. K. Sharma
Professor & Director Extension
Department of Biological Sciences
Govind Ballabh Pant University of Agriculture & Technology

Contact Details:

Email: algal2023@gmail.com
Tel/Contact No: (+91) 361-2582267