



SPARC *Sponsored Symposium* on **Algal and Organic Waste Based Biorefinery**

Department of Chemical Engineering &
School of Energy Science and Engineering
IIT Guwahati

Based Biorefinery
March 21-22, 2026

Tentative Invited Speakers

Patron: Prof. Devendra Jalihal, Director, IIT Guwahati

Symposium Topics

Prof. Ajay Dalai, University of Saskatchewan
Prof. K Mohanty, IIT Guwahati
Prof. Dhanapati Deka, Tezpur University
Dr. Thallada Bhaskar, AMPRI Bhopal and IIP Dehradun
Prof. Vaibhav V Goud, IIT Guwahati
Dr. Garima Srivastava, Banasthali Vidyapith, Banasthali
Dr. Debaprasad Shee, IIT Hyderabad
Prof. Satya Narayan Naik, IIT Delhi
Prof. Nageswara Rao Peela, IIT Guwahati

Scope of the Event

This symposium brings together various researchers from different parts of the world to brainstorm on the state-of-the-art in the field of algal and organic waste based biorefinery. The biorefinery concept is pursued worldwide to develop economically viable and environmentally sustainable innovative and integrated technologies for the valorization of organic waste materials. The biorefinery develops various processes, such as hydrothermal liquefaction (HTL), for the production of fuels and valuable chemicals. The symposium also covers the topics based on low carbon fuels. The bioeconomy is a rapidly growing field in which low carbon footprint technologies are being developed, supporting to mitigate the climate-change. The symposium covers broad thematic areas as mentioned below.

- ✦ Algal biorefinery
- ✦ Organic waste biorefinery
- ✦ Algal speciation and growth
- ✦ Bio-oil extraction technologies.
- ✦ Hydrothermal liquefaction
- ✦ Anaerobic co-digestion
- ✦ Thermo-chemical processing
- ✦ Bio-crude oil upgradation
- ✦ Techno-economics and life-cycle analysis

Submissions from other relevant areas are also invited

Abstract Submission Link

<https://forms.office.com/r/AwUQQFLP7H>

Symposium Registration Link

<https://forms.office.com/r/BB5jGG9Uhp>

Important Dates

Extended Last Date of Abstract Submission : March 07, 2026
 Intimation of Acceptance : March 07, 2026
 Last Date for Registration : March 08, 2026

Local Organizing Committee

Prof. K. Mohanty	Prof. K. Pakshirajan
Prof. Animes K Golder	Prof. Vijayanand S Moholkar
Prof. Chandan Das	Prof. Debasis Das
Prof. Ramagopal VS Uppaluri	Prof. Pankaj Kalita
Prof. Arun Goyal	Prof. Farrukh Khalid
Prof. Pankaj Tiwari	



For more details, please visit:
<https://event.iitg.ac.in/algae2026/>

Registration

Students : Rs. 2000/-
Professionals : Rs. 4000/-
Accommodation will be provided in the IITG Campus and is included in the registration fee.
Bank Account Details:
Name: Symposium; Account number : 44811918331;
IFSC Code: SBIN0014262

Supported by



Contact

Conveners:
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Dr Ajay K Dalai, Professor, University of Saskatchewan, Canada, & Dr Nageswara Rao Peela, Professor, Department of Chemical Engineering, IIT Guwahati
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