

### REGISTRATION DETAILS

(For Indian Delegates)

Registration Fee

(For ACCTI members):

Industry Delegates: Rs. 9000/-

Academic Delegates: Rs. 5000/-

Student Delegates: Rs. 2500/-

Research Student Delegates: Rs. 3500/-

Registration Fee

(For Non-ACCTI Delegates):

Industry Delegates: Rs. 10000/-

Academic Delegates: Rs. 6000/-

Student Delegates: Rs. 3000/-

Research Student Delegates: Rs. 4000/-

Accompanying Person: Rs. 3500/-

(For Foreign Delegates)

Registration Fee

(For ACCTI members):

Industry Delegates: USD 350

Academic Delegates: USD 300

Student Delegates: USD 200

Research Student Delegates: USD 250

Registration Fee

(For Non-ACCTI Delegates):

Industry Delegates: USD 400

Academic Delegates: USD 350

Student Delegates: USD 250

Research Student Delegates: USD 300

Accompanying Person: USD 350

### REGISTRATION PROCESS

Delegates need to fill the given Google Form and pay accordingly in order to confirm their participation using the following link :

Link: <https://forms.gle/hBEncF23vjeif3D5A>

#### INSTRUCTIONS:

1. Please check the payment details carefully before filling out this form
2. Read the instructions given in the form carefully.
3. Upload the original payment receipt in the form



### BANK INFORMATION (FOR INDIAN DELEGATES)

Payment to be made via SBI collect using the following link:

<https://www.onlinesbi.sbi/sbicollect/icollecthome.htm>

#### INSTRUCTIONS:

1. After clicking the link, please select Educational Institute.
2. In the category, write the name of the institution.  
i.e. Gauhati University and name of the state as Assam.
3. Select Gauhati University from the box below.
4. Use the dropdown menu and select CARBO XXXVIII for making the payment

### BANK INFORMATION (FOR FOREIGN DELEGATES)

ACCOUNT NAME: Gauhati University Online Receipt Account

1. Beneficiary Account No.: 37046412533

2. Beneficiary Address: Gauhati University

Jalukbari, Guwahati, Assam, India, PIN: 781014

3. IBAN No.: 37046412533

4. SWIFT Code: SBININBB159

### FOR ANY ENQUIRY

Email: [carboconference38@gmail.com](mailto:carboconference38@gmail.com)

#### CONTACT PERSONS:

##### • For any other query:

Contact Person (Convenor): Dr. Debabrat Baishya

Phone Number: +91 986 401 2267

Email: [drdbbaishya@gmail.com](mailto:drdbbaishya@gmail.com)

##### • For Accommodation:

Contact Person: Dr. Ghaznavi Idris

Phone Number: +91 700 245 4618

Email: [ghaznaviidris@gmail.com](mailto:ghaznaviidris@gmail.com)

##### STUDENT MEMBERS:

Suzaan Ahmed

Phone Number: +91 700 239 7058

Email: [suzaan.gu.ac@gmail.com](mailto:suzaan.gu.ac@gmail.com)

Himangshu Kakati

Phone Number: +91 690 089 9175

Email: [himangshukakati18@gmail.com](mailto:himangshukakati18@gmail.com)

##### • For Transportation :

Contact Person: Dr. Rituparna Borah

Phone Number: +91 986 432 6678

Email: [rituborah@gmail.com](mailto:rituborah@gmail.com)



**Important Deadlines:**  
**Last Date of Submission of Abstract & Registration**  
**15/09/2024**

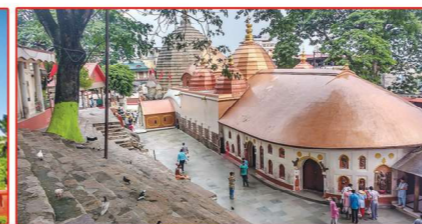
### ABOUT ASSAM

Assam is a state of northeastern region of India known for its wildlife, rich cultural heritage, breath taking natural landscapes, vibrant tradition, archaeological sites and tea plantations. Situated in the foothills of the Himalayas, Assam boasts an eclectic mix of history, ethnicity, and geographical diversity, making it a captivating destination for tourists and scholars alike. The state's industry is globally acclaimed, with Assam tea being synonymous with quality and flavour, contributing significantly to the region's economy. Assam stands as a captivating tapestry of history, culture, and natural splendour. It's picturesque landscapes, diverse culture mosaic, and rich heritage make it a jewel in the crown of India's northeastern states.

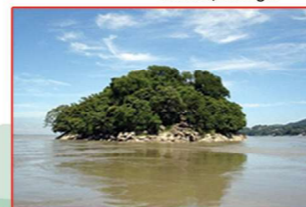
Maa Kamakhya Temple is situated in the hilltop of Nilachal hill in the city of Guwahati. Umananda Temple sits on peacock Island in the Brahmaputra river, Kaziranga National Park, located in the northeastern state of Assam, India, is a UNESCO world Heritage Site. Majuli is the world's largest river island and also famous for its handmade masks which is situated in the Assam. Brahmaputra is a trans-boundary river which flows through Northeastern India, China and Bangladesh. Assam contributes 95% and 65% of country's total Muga and Eri Production respectively. Shillong is a hill station in northeast India. Shivsagar is known for its Ahom palaces and monuments. Tezpur is famous for its historical talks. Tezpur is derived from the Sanskrit words 'Teza' (meaning blood) and 'Pura' (meaning town or city). Flowing through the heart of Assam, the Brahmaputra River and its tributaries, the Kulsi and Subansiri, serve as vital sanctuaries for the endangered Gangetic river dolphin.



Sivadol, Sivsagar



Maa Kamakhya Temple



Umananda Island



Mukha



Kaziranga National Park



## CARBOXXXVIII: INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN GLYSCIENCE AND GLYCOTECHNOLOGY

Date : 4-6 December, 2024



Jointly organised by  
**DEPARTMENT OF BIOENGINEERING  
AND TECHNOLOGY, GAUHATI UNIVERSITY**  
&  
**ASSOCIATION OF CARBOHYDRATE  
CHEMISTS AND TECHNOLOGISTS INDIA (ACCTI)**

### VENUE

**B.K.B. Auditorium  
GAUHATI UNIVERSITY**

Gopinath Bardoloi Nagar, Guwahati - 781014, Assam

## CONFERENCE THEMES

- ❖ Synthesis and Application of Carbohydrates
- ❖ Carbohydrate-Based Therapeutics
- ❖ Structure-Function Analysis of Carbohydrates
- ❖ Carbohydrate Molecular Scaffolding
- ❖ Chemical and Enzymatic Glycosylation Methods
- ❖ Carbohydrates-based Foods and Nutraceuticals
- ❖ Microbial and Phyto-Polysaccharides
- ❖ Advances in Carbohydrate Technology and Engineering
- ❖ Application of Nanotechnology in Carbohydrates
- ❖ Application of Carbohydrates in Bio-refinery, Bio-energy, Oil well drilling, Paper Technology, Cosmetics, Pharmaceuticals, etc.
- ❖ Sustainable Production and Utilization of Carbohydrates
- ❖ Carbohydrate Recognition and Carbohydrate-binding Proteins
- ❖ Glycoconjugates and Glycoproteins

## ABOUT THE CONFERENCE

The CARBOXXXVIII International Conference on "Recent Advances in Glycoscience and Glycotechnology" will be held at the Department of Bioengineering and Technology, Gauhati University, Guwahati, Assam, during December 4-6, 2024. The focus area of the conference will be on the recent development of Chemistry, Biology, Technology and Engineering associated with Carbohydrate Research. During the conference, recent trends in this particular area will be deliberated through plenary presentation by the young researchers. Important breakthrough research will be presented through posters. Considering the importance of the translation of academic research into market specific products, technological aspects will be given special emphasis through Industry-Academia panel discussion.

## ABOUT THE DEPARTMENT OF BIOENGINEERING AND TECHNOLOGY

The Department of Bioengineering and Technology began its journey in the year 2009 with the vision to create potent theoretical and technical knowledge in the field of Biotechnology that percolates as employable learners in the arena of employment market. Department has undergraduate programme (B.Tech) in Biotechnology, postgraduate programme (M.Tech) in Bioprocess Technology and Ph.D. in Bioengineering and allied areas.

## ABOUT THE GAUHATI UNIVERSITY

Gauhati University is one of the premier institutions of higher education in Northeast India. Incorporated by an Act of 1947, this university started functioning on 26 January, 1948 as an affiliating, teaching and residential university with renowned scholar K.K. Handique as the first Vice-Chancellor. It is a NAAC A+ institution. Starting with 18 affiliated colleges and 8 Post Graduate Departments in 1948, Gauhati University, today, has 45 Post Graduate Departments, besides IDOL (Institute of Distance and Open Learning), GUIST (Gauhati University Institute of Science and Technology) and a constituent Law College. It has more than 300 affiliated colleges offering undergraduate and postgraduate courses in the faculty of Arts, Science, Commerce, Law, Technology and Engineering. It is highly diversified in academics offering more than 210 courses. It also caters to wide spectrum of social and economic strata. Being the oldest and the largest university in the entire Northeast, the university represents the academic and cultural background of the region. The alumni of this university have been able to make their mark not only within the state but at the national and international level as well. Many have been able to adorn the higher echelons of the nation's scientific, socio-cultural, administrative and political life.

## ABOUT ACCTI

The Association of Carbohydrate Chemists and Technologists, India (ACCTI) is a scientific body of academicians, researcher technologists and industrialists involved in the research and development of carbohydrate chemistry, biology and technology in the country. Since 1984 the Association is organizing Carbohydrate Conference/Symposia (CARBO series) in collaboration with various Universities and Research Institute in India with the aim of developing sustainable platform for intellectual interaction between industry and academia.

## ABOUT GUWAHATI

Guwahati, the largest city in the Indian state of Assam, is a vibrant cultural and economic hub nestled along the banks of the Brahmaputra River. Known as the "Gateway to Northeast India," it is famous for its rich history, ancient temples like the Kamakhya Temple, and bustling markets. Guwahati serves as a key center for education, commerce, and tourism in the region, blending traditional Assamese culture with modern urban development. The city's natural beauty, characterized by nearby hills and rivers, adds to its unique charm. In December, Guwahati experiences mild and pleasant weather. The average daytime temperatures typically range from 12°C to 24°C, making it a comfortable time for outdoor activities and sightseeing. Nights can be cooler, occasionally dropping to around 10°C. Incorporated by an Act of 1947, this university started functioning on 26 January, 1948 as an affiliating, teaching and residential university with renowned scholar K.K. Handique as the first Vice-Chancellor.

## ADVISORY COMMITTEE

### INTERNATIONAL

- ❖ Prof. Robert A Field, *UK*
- ❖ Prof. Carman Galan, *UK*
- ❖ Prof. Xi Chen, *USA*
- ❖ Prof. Richard R Schmidt, *Germany*
- ❖ Prof. Hideharu Ishida, *Japan*
- ❖ Prof. Cheorl-Ho Kim, *Korea*

### NATIONAL

- ❖ Prof. Sunil Kumar Khare;  
*Director, IISER, Kolkata*
- ❖ Prof. Arun Goyal; *IITG, Assam*
- ❖ Prof. Ram Singh; *DTU, New Delhi*
- ❖ Prof. Tulsi Bezbaruah,  
*Director i/c, GUIST, GU*
- ❖ Prof. Shikhar Kumar Sarma, *HoD, IT, GU*
- ❖ Prof. Kandarpa Kumar Sarma,  
*HoD, ECE, GU*
- ❖ Prof. Anup Talukdar, *HoD, Chemistry, GU*
- ❖ Prof. Pradeep Phukan, *Director, CDC, GU*
- ❖ Prof. Ashish Mukherjee, *Director, IASST*

## ACCTI EXECUTIVE COMMITTEE

- ❖ **Chief Advisor:** Dr. P. L. Soni
- ❖ **Advisor:** Prof. Naveen Khare
- ❖ **President:** Prof. G. S. Chauhan
- ❖ **Vice President (Academic):**  
Dr. Vineet Kumar
- ❖ **Vice President (Industry):**  
Dr. Brij Raj Sharma
- ❖ **Hony. Secretary:** Prof. Vinod Kumar Tiwari
- ❖ **Jt. Secretaries:**  
Prof. Suvarn S Kulkarni  
Dr. K. V. Harish Prashanth  
Dr. Debabrat Baishya
- ❖ **Treasurer:** Dr. Amit Bhat
- ❖ **Executive Members:**  
❖ Dr. Amit Kumar  
❖ Prof. Kana Sureshan  
❖ Prof. T. Mohan Das  
❖ Dr. Ritu Mahajan  
❖ Dr. Sagarika Biswas

## LIST OF CONFIRMED SPEAKERS

### Keynote Speaker

Dr. Asoke Deysarkar, CEO, PFP Technology Ltd, Houston, Texas, USA

### Plenary Speakers

Prof. Peter H Seeberger, Director, Max-Planck Institute for Colloids and Interfaces, Germany  
Prof. Carlo Unverzagt, University of Bayreuth, Germany  
Prof. Xuefei Haung, Michigan State University, USA.  
Prof. Ashish Mukherjee, Director, IASST, Guwahati, Assam, India

### Invited Speakers

Prof. Antonio Molinaro, University of Napoli Federico II Napoli, Italy  
Prof. Alba Silipo, University of Napoli Federico II Napoli, Italy  
Prof. George O'Doherty, Northeastern University, Boston, MA  
Prof. Clay Bennett, Tuft University, Medford, MA, USA  
Prof. Jerry Eichler, Ben-Gurion University of the Nege, Israel  
Dr. Cheng-Chung Wang, Academia Sinica, Taipei  
Prof. Ronald J Pieters, Utrecht University, Netherlands  
Prof. Steven J Suheck, University of Toledo, Ohio, USA  
Prof. Umesh R. Desai, Virginia Commonwealth University, USA  
Prof. Mauro Sergio Pavao, Federal University of Reo de Genero, Brazil  
Prof. Suvarn S. Kulkarni, IIT Bombay, India  
Prof. Inderpal Singh Aidhan, IIT Madras, India  
Prof. Tanmaya Pathak, IIT Kharagpur, India  
Prof. Srinivas Hotha, IISER, Pune, India  
Prof. N.G. Ramesh, IIT Delhi, India  
Prof. T. Mohan Das, Central University of Tamil Nadu, India  
Prof. Krishna Mohan Poluri, IIT Roorkee, India  
Dr. Balakumaran Chadrasekar, BITS, Pilani, India  
Prof. Balara Mukhopadhyaya, IISER, Kolkata, India  
Prof. Desh Deepak, University of Lucknow, India  
Prof. Vineet Kumar, FRI, Dehradun, India  
Dr. Pintu Kumar Mandal, CSIR-CDRI, Lucknow, India  
Prof. Ram Sagar Misra, JNU, New Delhi, India  
Dr. K V Harishprasanth, CFTRI, Mysore, India  
Dr. Sagarika Biswas, IGIB, New Delhi, India  
Dr. Praveen Agrawal, Albert Einstein College of Medicine, NY

## LOCAL ORGANISING COMMITTEE

- ❖ **Patron:** Prof. Nani Gopal Mahanta, Vice-chancellor, GU
- ❖ **Chairperson:** Prof. Manab Deka, GU
- ❖ **Convenor:** Dr. Debabrat Baishya, GU
- ❖ **Joint Convenors:** Dr. Sofia Banu, GU &  
Prof. Pranjal Kumar Baruah, GU
- ❖ **Convenor, Finance/Accommodation:**  
Dr. Md. Ghaznavi Idris, GU
- ❖ **Convenor, Technical Committee:** Dr. Tridip Goswami, GU
- ❖ **Convenor, Poster session:** Prof. Pranjal Saikia, GU
- ❖ **Convenors, Registration:**  
Dr. Madhuri Das, GU & Bharati Baruah, GU
- ❖ **Convenors, Logistics:**  
Dr. Subhash Medhi & Mrs. Bharati Baruah, GU
- ❖ **Convenors, Transportation:**  
Prof. Kandarpa Kumar Saikia, GU & Dr. Rituparna Borah, GU
- ❖ **Convenor, Industry-Academia Panel discussion:**  
Prof. Eeshankur Saikia, GU & Dr. Sonit Kumar Gogoi, GU
- ❖ **Convenor, Information and Technology:**  
Dr. Jyoti Prakash Medhi, GU
- ❖ **Members:**  
Prof. Rupam Jyoti Sarma, GU  
Dr. Ranjit Thakuria, GU,  
Dr. Hridip Kumar Sarma, GU,  
Dr. Debashis Borbora, GU,  
Dr. Bipul Bezbaruah, GU,  
Dr. Samir Sarkar, GU,  
Dr. Manas Das, GU,  
Dr. Soumya Ranjan Purohit, TU,  
Dr. Debajyoti Mahanta, GU

## POSTER PRESENTATION



### Call for abstract submission for poster presentation:

All interested carbohydrates researchers are requested to submit their abstract for poster presentation. The abstract submission guideline is given below.

### Guidelines for Submission of Abstract:

The abstract should be written concisely within 200 words typed in Times New Roman, 12 fonts with single line spacing and justified. The Font size of the Title should be 16 and Bold. The name of the all the authors and their addresses should be typed in 12 fonts with presenting author's name underlined. The abstract should contain 3-6 keywords.

### Important instruction:

The 10 best posters will be selected by the technical committee for oral presentation. Therefore, participants should come with their PPT ready for presentation. The time for oral presentation will be eight minutes followed by two minutes of interactions.

## INSTRUCTIONS FOR POSTER PRESENTATION

- ❖ Poster size should be 4x3 feet (1.22m x 0.91m) in portrait mode, Leave margins of 3 inches from each side.
- ❖ The printed poster should indicate the Title followed by the Authors and their affiliations.
- ❖ Underline the presenting Author.
- ❖ The poster should clearly define Objectives, Methodology, Outcomes, Conclusions and References.

## INSTRUCTIONS FOR ORAL PRESENTATION

- ❖ 10 best posters will be short listed by the technical team for oral presentation.
- ❖ The selected member(s) should be ready with their presentation files.
- ❖ The presentation files should be compatible with Microsoft PowerPoint.
- ❖ The time slot for oral presentation will be 8 + 2 minutes (8 minutes for the presentation and 2 minutes for interaction)