



**GIRIJANANDA
CHOWDHURY
UNIVERSITY**

TWO-DAY NATIONAL CONFERENCE

INTEGRATING ARTIFICIAL INTELLIGENCE FOR NEXT- GENERATION THERAPEUTICS AND THERANOSTICS-2026 (IAI-TT-2026)

17th - 18th March, 2026

Organized by

School of Pharmaceutical Sciences

Girijananda Chowdhury University, Tezpur Campus

in collaboration with



The Association of Chemistry Teachers (ACT),
Mumbai, India



Indian Pharmaceutical Association, Assam State
Branch (IPA)

&



Rangapara College
Rangapara, Sonitpur - 784505, Assam

Venue

Girijananda Chowdhury University, Tezpur Campus
Dekargaon, Tezpur, Sonitpur - 784501, Assam

Time

9:30 AM - 5:00 PM

ABOUT THE CONFERENCE

The National Conference on “Integrating Artificial Intelligence for Next-Generation Therapeutics and Theranostics-2026” (IAI-TT-2026) is a premier interdisciplinary forum bringing together researchers, clinicians, data scientists, and industry experts to explore how artificial intelligence (AI) is transforming therapeutic discovery and theranostic applications. The conference emphasizes cutting-edge AI methodologies including machine learning, deep learning, and predictive modelling for accelerating drug discovery, optimizing treatment strategies, and advancing personalized medicine. Participants will engage in keynote lectures, oral presentations, and poster sessions that highlight innovative research in AI-driven biomarker identification, adaptive clinical decision support systems, and integrated diagnostic-therapeutic platforms. IAI-TT-2026 fosters collaboration across computational biology, medical imaging, pharmacology, and clinical practice, aiming to bridge computational innovation with real-world healthcare needs. By showcasing translational research and facilitating dialogue on ethical, regulatory, and implementation challenges, the conference contributes to shaping the future of AI-enabled therapeutics and theranostics, ultimately enhancing patient outcomes and accelerating biomedical innovation.

OBJECTIVES OF THE CONFERENCE

The primary objectives are as follows:

- To foster interdisciplinary collaboration among AI experts, biomedical scientists, clinicians, and industry professionals for integrated therapeutic and theranostic innovation.
- To promote AI-driven advancements in drug discovery by accelerating target identification, screening, and optimization processes.
- To enable next-generation theranostics by integrating AI with diagnostics, imaging, biosensors, and adaptive therapeutic technologies.
- To enable next-generation theranostics by integrating AI with diagnostics, imaging, biosensors, and adaptive therapeutic technologies.
- To address ethical, regulatory, and implementation challenges while inspiring future research, skill development, and capacity building in AI-enabled healthcare.

THRUST AREA OF THE CONFERENCE

The conference covers a broad spectrum of thrust areas emphasizing interdisciplinary research and innovation.

Biological Sciences: Botany, Zoology, Human Physiology, Molecular Biology, Genetics, Microbiology, Biotechnology, Bioinformatics & Systems Biology, Agriculture & Fisheries, Forensic sciences, Environment & Forestry, BV Sc & AH.

Chemical Sciences: Inorganic, Physical, Analytical, Green, Polymer, Environmental, Nuclear, Quantum and Functional Material Chemistry.

Pharmaceutical Sciences: Drug Discovery, Pharmacology, Pharmaceutics, Medicinal Chemistry, Drug Delivery Systems, CADD, Pharmacognosy, Regulatory Affairs, and Preventive Pharmacy.

Medical Sciences: Anatomy, Pathology, Diagnostics, Oncology, Regenerative Medicine, Radiodiagnosis, and Clinical Medical Biochemistry.

Paramedical Sciences: Medical Laboratory Technology, Radiology and Imaging, Physiotherapy, Anaesthesia Technology, Emergency Care, Optometry, and Operation Theatre Technology, Supporting Advanced Healthcare and AI-Enabled Clinical Applications.

ABOUT GCU

Girijananda Chowdhury University is strategically located on a sprawling 20-acre campus, nestled between the scenic Deepor Beel, a renowned Ramsar site and the majestic Brahmaputra River. Established by the Act No. XLVII of 2022 of the Assam Government, it operates as a State Private University under the Shrimanta Shankar Academy Society, which is registered under the Societies Registration Act of 1860. The university's inception is rooted in the initiatives of the Girijananda Institute of Management and Technology (GIMT) and the Girijananda Institute of Pharmaceutical Sciences (GIPS). Together, these institutions aim to provide professional higher education driven by philanthropy and a strong commitment to social betterment. Over the past 16 years, GIMT and GIPS have built a solid reputation for delivering quality professional education, highlighted by the accreditation of various programs by the National Board of Accreditation (NBA). Their success is further underscored by receiving extramural grants from esteemed organizations such as the AICTE and DST. Girijananda Chowdhury University is dedicated to fostering academic excellence, equipping students with the skills and knowledge needed to thrive in their chosen fields while contributing to societal development.

ABOUT SOPS-TEZPUR

The School of Pharmaceutical Sciences (SOPS), formerly known as GPS, Tezpur, was established in 2020 at Girijananda Chowdhury University (GCU), Tezpur Campus. It is the first pharmacy institute in Assam developed under a Public-Private Partnership (PPP) model, in collaboration with the Shrimanta Shankar Academy Society and the Directorate of Technical Education, Government of Assam.

The School of Pharmaceutical Sciences embodies this mission by providing a robust curriculum that combines theoretical knowledge with practical training in the pharmaceutical field.

The institute is equipped with modern facilities and a committed faculty, fostering students for various roles in pharmacy practice, research, and for pharmaceutical industry, addressing the healthcare needs of society. Through its focus on academic excellence and community engagement, the School of Pharmaceutical Sciences aims to produce skilled pharmacy professionals who are well-equipped to contribute positively to the healthcare landscape in Assam and beyond.

ABOUT ACT

The Association of Chemistry Teachers was launched in 2000 to serve as an apex national body of chemistry educators to promote excellence in chemistry education. The idea of formulating ACT was conceptualised by Homi Bhabha Centre for Science Education (TIFR) Mumbai. The Association brings together on a common platform higher secondary school teachers, college and university lecturers, professors, scientists and researchers from industry for organizing subject related activities. Since its inception, ACT has worked tirelessly to strengthen chemistry education in India and to motivate students to pursue chemistry as a career.

1. To advance Chemistry education by means of curriculum development and innovation in teaching and evaluation methodologies.
2. To organize workshops and conferences including an Annual National Convention of Chemistry Teachers (NCCT) in different cities and regions.
3. To forge a synergistic relationship between academia, industry and research centres for mutual benefit.
4. To explore and nurture talent in Chemistry with special reference to the Indian National and International Chemistry Olympiads.
5. To collaborate with International Science Teachers' organizations for exchange of ideas and organization of joint programmes.

ORGANIZING COMMITTEE

Chief Patron:

- **Shri. Jasoda Ranjan Das**
President, SSA Society

Patron:

- **Prof. Jayanta Deka**
Chancellor, GCU, Assam
- **Prof. Kandarpa Das**
Vice Chancellor, GCU, Assam

Advisory Committee:

- **Prof. Dipankar Saha**
Registrar, GCU, Assam
- **Dr. Pronobesh Chattopadhyay**
Scientist - G, DRL, Tezpur
- **Prof. D. V. Prabhu**
President, ACT, Mumbai
- **Dr. Ganesh Pawar**
Principal, NL Dalmia College, Member of ACT
- **Prof. Hemanta Kumar Sharma**
Department of Pharmaceutical Sciences, DU, President, IPA, Assam State Branch, Assam
- **Prof. Md. Kamaruz Zaman**
Department of Pharmaceutical Sciences, DU, Dibrugarh, IPA Member
- **Dr. Ranjan Kalita**
Principal, Rangapara College
- **Prof. Damiki Laloo**
Dean In-Charge, SOPS, GCU-Guwahati

Organizing Executive Committee:

- **Prof. Abdul Baquee Ahmed (Organizing Chairman)**
Principal, SOPS, GCU - Tezpur
- **Dr. Asish Bhaumik (Organizing Secretary)**
Associate Professor, SOPS, GCU - Tezpur
- **Dr. Hemanga Hazarika (Joint Organizing Secretary)**
Associate Professor, SOPS, GCU - Tezpur
- **Dr. Supriya Sahu (General Secretary)**
Associate Professor, SOPS, GCU - Tezpur
- **Dr. Rajat Subhra Dutta (Executive Secretary)**
Assistant Professor, SOPS, GCU - Tezpur
- **Mr. Farak Ali (Treasurer)**
Assistant Professor, SOPS, GCU - Tezpur
- **Ms. Shahnaz Alom (Program Secretary)**
Assistant Professor, SOPS, GCU - Tezpur

Technical and Promotional Committee:

- **Mr. Damanbhalang Rynjah**
Assistant Professor, SOPS, GCU-T, Convener
- **Mr. Bedanta Bhattacharjee**
Assistant Professor, SOPS, GCU-T, Co-convenor
- **Dr. Asish Bhaumik**
Associate Professor, SOPS, GCU-T, Member
- **Dr. Supriya Sahu**
Associate Professor, SOPS, GCU-T, Member
- **Dr. Hemanga Hazarika**
Associate Professor, SOPS, GCU-T, Member

ORGANIZING COMMITTEE

Scientific Committee

(Editorial and Abstract Proceeding):

- **Dr. Arpita Paul**
Assistant Professor, SOPS, GCU-T, Scientific Secretary
- **Ms. Rubina Chowdhury**
Assistant Professor, SOPS, GCU-T, Convener
- **Dr. Prakash Rajak**
Assistant Professor, Dept. of Pharmaceutical Sciences, DU, Member
- **Mr. Bedanta Bhattacharjee**
Assistant Professor, SOPS, GCU-T, Member
- **Mr. Damanbhalang Rynjah**
Assistant Professor, SOPS, GCU-T, Member

Organizing Committee Members:

- **Dr. Arpita Paul**
Assistant Professor, SOPS, GCU-T
- **Mr. Stabak Das**
Assistant Professor, SOPS, GCU-T
- **Mr. Bedanta Bhattacharjee**
Assistant Professor, SOPS, GCU-T
- **Mr. Damanbhalang Rynjah**
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- **Mr. Padmanath Pegu**
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- **Ms. Devika Sarmah**
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Assistant Professor, SOPS, GCU-T
- **Ms. Nasreen Ahmed**
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Lecturer, SOPS, GCU-T
- **Mr. Ayush Roy**
Lecturer, SOPS, GCU-T
- **Mr. Sidhant Tamang**
Lecturer, SOPS, GCU-T

HOW TO REACH GCU-TEZPUR

Girijananda Chowdhury University, Tezpur campus is situated at Kunderbari Road, Dekargaon, Tezpur which is 3 km distance from Dekargaon Railway Station and 4.5 km from Mission Chariati Traffic Point.

KEYNOTE SPEAKERS



Prof. Hemanta Kumar Sharma (Keynote Speaker)

President, IPA, Assam State Branch
Dept. of Pharmaceutical Sciences,
Dibrugarh University, Dibrugarh



Prof. Utpal Bora (Speaker)

Professor, Dept. of Biosciences and
Bioengineering, IIT, Guwahati



Prof. Md. Kamaruz Zaman (Speaker)

Professor, Dept. of Pharmaceutical
Sciences, Dibrugarh University



Dr. Amit Alexander (Speaker)

Associate Professor
NIPER, Guwahati, Assam



Dr. Anowar Hussain (Speaker)

Assistant Professor
Pub Kamrup College, Assam

CALL FOR ABSTRACT

- Delegates are invited to submit original work in the field of pharmacy, biological sciences, chemical sciences, medical and paramedical sciences. Accepted abstracts will be considered for oral or poster presentations. A total of 15 abstracts will be selected for online presentation on a first come, first-served basis.

Targeted Delegates: Students, Research Scholars, Faculty members/ Academician, Scientists, Industrialist etc.

Important Note on Abstract Submission

- All abstracts must be submitted on or before 25-02-2026.
- Abstracts submitted after 25-02-2026 will NOT be considered for publication in the conference proceedings and will not be assigned with an ISBN number.
- Delegates submitting their abstracts after the deadline may still attend and present the paper in the conference, but the submission should be on or before 10-03-2026.

There will be three “BEST PAPER AWARD” for Oral and Poster presentation.

ABSTRACT FORMAT

Category: Research/Review article (Times New Roman, 12 pt. font, Bold)

Mode: Oral/Poster presentation (Times New Roman, 12 pt. font, Bold)

MANUSCRIPT TITLE (All cap, Times New Roman, 12 pt. font, Bold, Line spacing 1)

Author¹, Author², Author³ (First name, Middle name, Last name) without qualification/Degree; (Times New Roman, 12 pt. font, Bold)

NOTE: Presenting author(s) should be underlined along with * mark

Affiliation, Department, Organisation/University, State, Postal Index, Country

*Presenting author's E-mail: author@email.com

(Times New Roman, 12 pt. font, Normal face, Line spacing 1)

Abstract

Structured Abstract (**Background; Methods; Results and Conclusion**) is to be written within 150 to 200 words (Times New Roman, 12pt. font)

Keywords: 4-5 relevant keywords (Times New Roman, 12pt. font)

Acknowledgment (Funding Source only): If any

IMPORTANT DATES

- Abstract submission last date (with ISBN): **25-02-2026**
- Last date of online Abstract submission (without ISBN): **10-03-2026**

MODE OF REGISTRATION

The registration fee must be paid online by all participants using the provided bank information. The payment receipt has to be submitted at the location specified on the registration form.

Registration link: <https://forms.gle/eBCiZzxUGD7wX2Dn7>



Delegates	Early Bird Registration (01-01-2026 to 25-02-2026)	Registration After 25-02-2026 / Spot Registration
UG & PG Students	Rs. 800	Rs. 1000
Research Scholars	Rs. 1200	Rs. 1400
Academicians/ Faculty Members	Rs. 1500	Rs. 1700
Industrial Person	Rs. 3000	Rs. 5000

Account details:

A/C No. - 40020932384

Account Name - Principal GIPS A/C Examinations Tezpur

Branch - SBI Mission Charali, Tezpur

IFSC Code - SBIN0005783

MICR Code - 784002003

Accommodation:

- Hostel accommodation (within campus) on sharing basis will be provided @ ₹100/- per day (Excluding Food).
- Hotel accommodation may also be arranged on request (outside campus) with own expense.

For more details contact Registration Committee (7576859919 / 7005221692).

CONTACT US

8309614663 / 8258944511 / 9401347316