



10TH Edition

RESEARCH & INDUSTRIAL CONCLAVE

Fusing Knowledge, Innovation, and Enterprise

SYNERGY '25



10-12
OCTOBER '25

Jointly Organized by:



Students' Academic Board
IIT Guwahati



IIT Guwahati
Research Park



www.ric.iitg.ac.in



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Indian Institute of
Technology Guwahati



The conclave will feature:

- **Interdisciplinary Research:** From AI-driven solutions to advanced materials and biotechnology.
- **Industry-Academia Synergy:** Showcasing scalable technologies and entrepreneurial opportunities.
- **Inclusive Dialogue:** Integrating perspectives from humanities, management, and social sciences to ensure equitable progress.



CONCLAVE THEMES



Intelligent Technologies and Systems

- Artificial Intelligence and Machine Learning: From Theory to Real-World Applications
- Cyber-Physical Systems and Autonomous Technologies
- Human-Centric Computing and Language Technologies
- Data-Enabled Energy and Environmental Systems



Technology for Society

- Disaster Resilience and Community-Centric Technologies
- Digital Equity, Education, and Heritage Preservation
- Sustainable Urban and Rural Development
- Entrepreneurship, Governance, and Technology Ethics, Digital Innovation, Governance, and Sustainable Futures



Recent Developments in Biotechnology

- Biomedical Engineering and Healthcare Innovations
- Synthetic Biology and Bioengineering
- Environmental and Agricultural Biotechnology
- Computational and Systems Biology



Advanced chemical-driven Materials Innovation and Manufacturing

- Nanomaterials and Functional Material Systems
- Green Manufacturing and Sustainable Processes
- Materials for Energy Storage and Conversion
- Computational and AI-Driven Materials Discovery





RIC'25

CALL FOR PAPERS



SCIENTIFIQUE

Oral, poster, model & three minutes thesis presentation

The Research and Industrial Conclave (RIC) 2025 at IIT Guwahati is a premier multidisciplinary platform uniting academia, industry, and policymakers to drive innovation for a sustainable future. Aligning with the theme "Fusing Knowledge, Innovation, and Enterprise" RIC bridges cutting-edge engineering, science, and humanities research with real-world industrial applications.

THEMES

- ✔ Intelligent Technologies and Systems
- ✔ Technology for Society
- ✔ Advanced Chemical-driven Materials Innovation and Manufacturing
- ✔ Recent Developments in Biotechnology

REGISTRATION FEES

Students	₹ 1100
Academicians	₹ 2500
Industry Experts	₹ 3800
Others	₹ 3800

IMPORTANT DATES

17 TH JULY, 2025	20 TH AUGUST, 2025	10 TH SEPTEMBER, 2025	15 TH NOVEMBER 2025	15 TH DECEMBER 2025
Opening of Extended Abstract	Extended Abstract Submission Deadline	Notification of Acceptance for Presentation	Declaration of Review Results for Publication	Final Manuscript Submission Deadline for Publication

Note: We kindly invite authors to submit only an extended abstract in the first stage. Upon acceptance, those interested in publication will be requested to submit the full paper. Participants who do not wish to pursue publication are welcome to present based on the accepted abstract.

SCAN

QR code

To visit website





RIC'25



CONCLAVE EVENTS



SCIENTIFIQUE
Oral & Poster Presentation
(3 minute thesis presentation)



INDSOL
Industrial problem presentation



CONNAISSANCE
Lecture series and talks by eminent academicians and industry experts



HACKATHON
Thinkers and makers



ATELIER
Workshop for learning



INNOVATION EXHIBIT
Product display



EMPRENDIMIENTO
Start up fund raising



TECHTALK
Technical solution presentation



DISCUTIR
Panel discussion

ORGANIZING COMMITTEE

A team dedicated to fostering academic-industry collaboration and creating a vibrant platform for innovation, networking, and knowledge exchange!



PATRON
Prof. Devendra Jalihal
Director, IIT Guwahati



CHIEF EDITOR
Prof. Uday S. Dixit



DEAN of ACADEMIC RESEARCH
Prof. Gopal Das



DEAN of ACADEMIC COURSES
Prof. K.V. Krishna



CHAIRMAN, SAB
Prof. Rupam Barman



DEAN RESEARCH AND DEVELOPMENT
Prof. Rohit Sinha



FACULTY CONVENER
Prof. Karuna Kalita



FACULTY CO-CONVENER
Dr. Debanga Raj Neog

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