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अनुसंधान नेशनल रिसर्च फाउंडेशन  
Anusandhan National Research Foundation



# NE x GEMS 2025

## Next Generation of Electronics Minds

In association with



### Three-Day Workshop and Competition Events

#### About Events

- **Fostering Innovation:** Encourages creative problem-solving and the development of innovative solutions in biomedical electronics, health-care technologies, nanoelectronics and semiconductor technologies, driving scientific advancements.
- **Bridging Academia and Industry:** Builds strong connections between students, academicians, and industry leaders, fostering collaboration and real-world application of scientific principles.
- **Skill Development:** Enhances participants' technical proficiency with tools, like Cadence and Xilinx, bio-signal acquisition enabling them to contribute effectively to cutting-edge research and technology.
- **Showcasing Research:** Provides a platform for presenting innovative ideas through poster presentations, inspiring further exploration and scientific inquiry.
- **Promoting Interdisciplinarity:** Integrates knowledge across disciplines encouraging holistic thinking and broadening the impact on scientific advancements.
- **Inspiring Future Scientists:** Motivates participants to pursue impactful careers in science and technology through keynote speeches and expert-led sessions.

Attractive prize money in each  
competitive events up to  
₹10,000.00



Scan to register



<https://forms.gle/pj2Gxp6dfvi3TZTB6>

6th – 8th  
March,  
2025

**Website**

[www.ece.ernet.in](http://www.ece.ernet.in)





# EVENT SCHEDULE

## Competitive Events

1. Research Fair: Theme "Bridging science and technology for a sustainable society."
2. Ideathon.
3. Circuit making Competition (CMOS)
4. Prototype demonstration
5. Electronic Doodle-Making Competition

## Eligibility

Open to participants currently pursuing UG, PG and PhD programs, as well as students from the 2024 batch.

## General Events

1. Alumni Interaction
2. Distinguished Alumni talk
3. Invited talks by distinguished speakers from industry, academia, and R&D labs
4. Webinars
5. Panel discussion
6. Cultural evening

## Registration details

Registration fee

**-₹300:** includes access to all competitive events. Talks, Workshop, Gala Dinner.

\* Accommodation and food are not included.

**-₹500:** includes all benefits as above with accommodation.

**Last date of registration**  
**20th February**

## Contact

**Dr. Biplob Mondal**  
biplobm@tezu.ernet.in

**Md Mizanur Rahman**  
8403015590

## Organizing Committee

### Chief Patron

Prof. Shambhu Nath Singh  
(Vice Chancellor, Tezpur University)

### Patron

Prof. Sankar Chandra Deka  
(Dean, School of Engineering)

### General Chair

Prof. Bhabesh Deka  
(Head, Department of ECE)

### Organizing Chairs

Dr. Biplob Mondal

### Joint Organising Chair

Dr. Ujjwol Barman

### Technical Program Committee

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Prof. Jiten Ch. Dutta  
Prof. Satyajib Bhattacharyya  
Prof. Santanu Sharma  
Prof. Soumik Roy  
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Dr. Pranjal Kumar Gogoi

### Hospitality Committee

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Dr. Priyanka Kakoty  
Dr. Kasturi Gogoi

### Travel and Accommodation

Dr. Rewrewa Narzary

### Treasurer and Sponsorship

Dr. Durlav Sonowal