

ICERIE 2025

24-26th April 2025

8th International Conference on Engineering Research Innovation and Education

CALL FOR PAPER
icerie2025.sust.edu

SCHOOL OF APPLIED SCIENCES AND TECHNOLOGY
SHAHJALAL UNIVERSITY OF SCIENCE AND TECHNOLOGY
SYLHET, BANGLADESH



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Introduction

The School of Applied Sciences and Technology at Shahjalal University of Science and Technology, Sylhet, Bangladesh, is glad to host the 8th International Conference on Engineering Research, Innovation, and Education (ICERIE 2025). This conference aims to provide a comprehensive forum for the dissemination of cutting-edge research findings and the promotion of advancements across four distinct thematic tracks:

Track 1:

Architecture, Civil, and Environmental Engineering

Track 2:

Chemical, Petroleum, and Food Process Engineering

Track 3:

Electrical, Information, and Communication Engineering

Track 4:

Mechanical, Industrial, and Sustainable Engineering

The ICERIE platform is designed to facilitate scholarly exchange, promote interdisciplinary collaboration, and foster the integration of novel insights into the broader academic and professional communities.

Objectives

- To follow the latest advancement in various field of Engineering and Technology
- To foster collaboration among academic institutions, research organizations, and industry to drive innovation.
- To Provide a platform to showcase the latest innovations, trends, and concerns as well as practical challenges encountered
- To offer opportunities for professional development through workshops, seminars, and networking sessions.
- To explore and discuss modern educational strategies to improve engineering education and cultivate the next generation of engineers.

Conference Mode

The conference will be held in both online and offline formats.

Conference Scopes

ICERIE 2025 invites high-quality, original, and previously unpublished research papers in all areas pertinent to engineering research, innovation, and education. Topics of interest include, but are not limited to-

Track 1: Architecture, Civil and Environmental Engineering

- Architecture
- Built environment
- Urban design and planning
- Biodiversity, climate change
- Environment and disaster management
- Geotechnology and earthquake
- Structural Engineering
- Traffic and transportation engineering
- Water resources
- Water and waste water treatment
- Waste management
- Construction management

Track 2: Chemical, Petroleum and Food Process Engineering

- Food packaging technology
- Food safety, public health and nutrition engineering
- Chemical process technology
- Food and beverage technology
- Mining technology
- Petroleum technology and reservoir engineering
- Polymer technology
- Separation technology
- Tea science and technology
- Renewable energy
- Nanoscience and nanotechnology

Track 3: Electrical, Information and Communication Engineering

- Artificial intelligence and machine learning
- Big-data analytics
- Bio-informatics and nanotechnology
- Information and communication
- Natural language processing
- Power system and machineries
- Robotics, mechatronics and neural network
- Power generation and distribution

Track 4: Mechanical, Industrial and Sustainable Engineering

- Advanced manufacturing processes
- Aerospace engineering
- Computational mechanics and simulation
- Energy and environment
- Sustainable operations and systems
- Firm power and machinery
- Industrial engineering and management
- Material science and metallurgy
- Operation research and management
- Production process and quality control
- Supply chain and logistics management
- Thermal engineering, heat transfer and fluid mechanics
- Refrigeration and air conditioning
- Automobile engineering
- Machine learning applications in engineering systems

Extended Abstract Submission

The extended abstract (not over 600 words) must include research objectives, methodology, results and conclusion of the study. The submitting file should contain the followings:

- Full title of the paper
- Name(s) of the author(s), affiliation with email address
- Extended abstract
- Five to seven keywords

Upon provisional acceptance of the extended abstract, the full paper will undergo a review before final acceptance. Detailed guidelines for preparing the full-length and camera-ready paper will be available on the conference website: icerie.sust.edu.

Important Deadlines

- Extended Abstract Submission: December 31, 2024
- Notification of Acceptance of Abstract: January 10, 2025
- Full Paper Submission: January 31, 2025
- Notification of Full Paper: February 15, 2025
- Camera-ready Paper Submission: February 28, 2025
- Online CFP link: <https://cmt3.research.microsoft.com/ICERIE2025>

Registration Fees

	Early Bird	Regular
	Mar 15-25 2025	Mar 26 - Apr 10 2025
Local Delegates (Author):	BDT 6000	BDT 7000
Local Delegates (Participant):	BDT 5000	BDT 6000
Local Students (Author/s) :	BDT 4000	BDT 5000
Foreign Delegates:	USD 350	USD 450
Foreign Students:	USD 200	USD 250

Payment System

Payment can be made online during registration process through conference website.

Proceedings

The proceedings of the conference will be published in two forms: printed book (only extended abstract) and Pen drive (full proceedings). Selected papers will be considered for publication in the Journal of Engineering Research, Innovation and Education. We are in the process of indexing the proceedings in renowned digital repositories that are available online.

Conference Tour

An attractive tour will be arranged for delegates and accompanying persons to a beautiful location in Sylhet named "SADA PATHOR" in Volagonj. It is adjacent to the Indian boarder. The location is one-hour travelling distance from conference venue. Those who want to participate in the tour must registrar separately paying the required fees: BDT 1500 for Adults and BDT 1000 for Children above three years.

