



# EICT 2025

# 7<sup>TH</sup> INTERNATIONAL CONFERENCE ON ELECTRICAL INFORMATION AND COMMUNICATION TECHNOLOGY

## CALL FOR PAPERS

### 18-20 DECEMBER 2025

FACULTY OF EEE

KHULNA UNIVERSITY OF ENGINEERING & TECHNOLOGY

KHULNA-9203, BANGLADESH

## IMPORTANT DATES

Paper Submission Deadline **31 July 2025** | Notification of Acceptance **15 October 2025** | Registration **31 October 2025**

The faculty of Electrical and Electronic Engineering (EEE) of Khulna University of Engineering & Technology (KUET) is going to organize the 7<sup>th</sup> International Conference on Electrical Information and Communication Technology (EICT) on 18-20 December 2025 in the industrial city Khulna of Bangladesh. The main objective is to create an effective platform for researchers and technical experts to share recent ideas, innovations and problem solving techniques in the vast areas of electrical, information, and communication engineering. It will be a great opportunity for both researchers and industrial communities to meet, discuss, and share their research outcomes. Prospective authors are invited to submit their original technical papers for presentation at the conference and publications in the conference proceedings. The conference will be held in a **hybrid mode** (onsite and online).

## SCOPE

### Track 1: Artificial Intelligence, Computer Networks, and Security

- > Algorithm
- > Distributed and Cloud Computing
- > Neural Network and Fuzzy Logic
- > Pattern Recognition
- > Machine Learning
- > Computer Architecture
- > Computer Networks
- > Mobile Computing
- > Computer Security

### Track 2: Signal Processing, Multimedia, and Embedded Systems

- > Signal, Image, and Video Processing
- > Speech and Audio Signal Processing
- > Remote Sensing and Satellite Image Processing
- > Pattern Matching and Computer Vision
- > Multimedia Security and Systems
- > Embedded Systems and Applications
- > Internet of Things

### Track 3: Sensors, Robotics, Electric Vehicles, and Power Electronics

- > Circuits and Systems
- > Sensors, Actuators, Instrumentation and Measurements
- > Robotics and Mechatronics
- > VLSI design and Fabrication
- > Electric Vehicles
- > Unmanned Aerial Vehicle
- > Self-driving Car
- > Energy Conversion and Electrical Machines
- > Power Electronics and Drives
- > Control Theory and Applications

### Track 4: Wireless and Optical Communication

- > Communication Systems
- > RFID and Sensor Networks
- > Wireless and Optical Communication
- > Waveguides, Fiber Optics and Components
- > Optical Communication
- > Electromagnetics
- > Microwave and Radio Frequency Communication
- > Satellite Communication

### Track 5: Optoelectronic Devices, Materials, and Nanotechnology

- > Optoelectronic Devices
- > Electronic Materials and Devices
- > Nanodevices
- > Nanotechnology
- > Nanoelectronics
- > Semiconductors and Advanced Materials

### Track 6: Power System and Renewable Energy

- > High Voltage Engineering
- > Power System
- > Renewable Energy
- > Distributed Generation
- > Smart Grid

### Track 7: Knowledge and Data Engineering

- > Knowledge and Data Engineering
- > Natural Language Processing
- > Software Engineering
- > Human-Computer Interaction
- > Big Data
- > Data Mining and Analytics

### Track 8: Biomedical Engineering

- > Biomedical Instrumentation
- > Bio-signal and Biomedical Imaging
- > Bioinformatics
- > Biomechanics and Biomaterials
- > Rehabilitation Engineering
- > Clinical Engineering and Healthcare System
- > Telemedicine and eHealth

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 Md. Rafiqul Islam (1), KUET, Bangladesh. (TPC Chair)  
 Sk. Imran Hossain, KUET, Bangladesh. (Organizing Secretary)  
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 Abu Syed Md. Jannatul Islam, KUET, Bangladesh. (Assistant Organizing Secretary)  
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## SUBMISSION GUIDELINES

All papers submitted to the EICT 2025 must be original work which has not been published previously or not under review for any form of publication. Plagiarism or multiple submissions will be dealt with stern actions. Papers must be formatted according to the prescribed template of EICT 2025. More information about paper submission can be found in the conference website. Selected papers with extended version will be submitted for publication in approved journals.

## BEST PAPER AWARDS

IEEE and Dr. Fatema Rashid Best Paper Awards will be given to three best papers. Each award contains prize money and a certificate.

## PROCEEDINGS

The proceedings of the conference will be published in two forms; printed book (abstracts only) and USB Drive Only. The presented papers will be published in IEEE Xplore.



NOTE: For detailed information please visit the website: <https://eict2025.kuet.ac.bd/>



## CONTACT

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