



## Aim of ICAEE

Electrical Engineering is the driving force behind the recent technological developments. The International Conference on Advances in Electrical Engineering (ICAEE) aims to bring together academicians, scientists, engineers, researchers and students to share their experiences on the latest research, current practices and future trends in the field of electrical engineering and related areas, and discuss the practical challenges encountered and the solutions adopted. The School of Engineering & Computer Science of Independent University, Bangladesh (IUB) organizes this conference every other year. The 3rd ICAEE will be held on 17–19 December 2015 at the IUB Campus in Dhaka, Bangladesh. On behalf of the organizing committee, we are delighted to invite you to participate in the ICAEE 2015.

## Scope

The scope of ICAEE 2015 will include, but not limited to, the following topics:

### Signal Processing & Analysis

- Artificial Intelligence
- Signal and Image Processing
- Fuzzy Systems & Neural Networks
- Pattern Recognition and Tracking

### Communication Systems & Networks

- Cloud Computing
- Fiber Optic Communications
- RF & Microwave Communications
- Wireless Communications

### Power, Energy & Industry Applications

- Fusion Energy
- Nuclear Energy
- Photovoltaic & Renewable Energy
- Power Electronics & Drives
- Power Systems
- Smart Grid

### Components, Circuits, Devices & Systems

- Automation and Control Systems
- Biomedical Systems and Applications
- Digital Systems
- Electronic and Optoelectronic Devices
- Nanotechnology, MEMS and NEMS
- Robotics and Mechatronics
- VLSI Design & Fabrication

## Technical Co-Sponsor



## Important Dates

Full paper submission	31 July 2015
Notification of acceptance	15 October 2015
Camera ready paper submission	31 October 2015
Registration	07 November 2015
Conference	17-19 December 2015

## Registration Fees

Registration Category	IEEE Member	Non IEEE Member
Foreign Authors/Participants	US\$ 240	US\$ 300
SAARC Country Authors/Participants	US\$ 120	US\$ 150
SAARC Country Student Authors/Participants	US\$ 80	US\$ 100
Local Authors/Participants	BDT 4000	BDT 5000
Local Student Authors/Participants	BDT 2000	BDT 3000

## Paper Submission

Prospective authors are invited to submit original papers (pdf version only) including results, tables, figures and references. Do not include authors name and affiliation in the manuscript. Full papers will be accepted only by online submission through the conference website: [www.icaee.net](http://www.icaee.net). All authors must prepare their papers by strictly following the IEEE format posted in the ICAEE website.

## Paper Review

All papers submitted to ICAEE 2015 will be double blind peer reviewed with three experienced professionals before final acceptance decisions are made. The paper review team mainly consists of the members of the International Program Committee as well as other competent individuals from around the globe. Paper acceptance decisions will be primarily based on originality, technical merit, contributions, readability, and relevance to the conference theme.

## Publications

The accepted full papers will be published in the conference proceedings, and will be submitted for inclusion in the IEEE Xplore Digital Library. Only the accepted full papers with proper IEEE format and presented in the conference will be considered for inclusion in the IEEE Xplore Digital Library.

## Plagiarism Policy

**Plagiarism:** All conference papers submitted to the ICAEE 2015 for publication must **record original work** which has not been published previously. Any alleged cases of plagiarism will be dealt with according to the ICAEE and IEEE Policy in Relation to Plagiarism, Infringement of Copyright and Infringement of Moral Rights and Submission to Multiple Publications.

**Multiple submissions:** ICAEE and IEEE do not permit manuscripts included in its conference proceedings to be simultaneously under review for another conference, journal, or other forms of publication. Once a case of multiple submissions has been established, the paper(s) in question will be immediately declined for publication by the ICAEE and IEEE followed by appropriate legal/disciplinary action.

## Best Paper Awards

Dr. Fatema Rashid Best Paper Awards will be given to the three best papers based on the review scores. Only the papers presented in the ICAEE 2015 will be considered for awards. Each award includes prize money and a certificate.

## Conference Committees

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## About IUB

Independent University, Bangladesh (IUB) will serve as the host institution for ICAEE 2015. Established in 1993, IUB is one of the leading private universities of Bangladesh. IUB follows a North American model for its educational programs. The academic activities of IUB are conducted through six schools: School of Business, School of Engineering & Computer Science, School of Environmental Science & Management, School of Liberal Arts & Sciences, School of Public Health, and School of Life Sciences. At this time, IUB offers 24 undergraduate and 12 graduate degree programs.

## About Bangladesh

Located in the northeastern part of South Asia, Bangladesh is a land of enormous beauty having hundreds of serpentine rivers, luxuriant tropical rain forests, beautiful cascades of green tea gardens, the world's largest mangrove forest – the Sundarban, and the world's longest sea beach in the Cox's Bazar. The people of Bangladesh are generous, peace loving and hospitable by nature. Bangladesh has a rich, diverse culture and history, its deep-rooted heritage is thoroughly reflected in its architecture, multifaceted folk tales, myths, terracotta, legends, riddles, clothing, dance, music and arts. Dhaka is the capital of Bangladesh. In December, the temperature ranges from 14° degrees to 26° Celsius, which is the best time to visit Bangladesh.

## Contact

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