IMPORTANT DATES

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full paper submission</td>
<td>18 June 2019</td>
</tr>
<tr>
<td>Notification of acceptance</td>
<td>31 July 2019</td>
</tr>
<tr>
<td>Camera ready paper submission</td>
<td>14 August 2019</td>
</tr>
<tr>
<td>Registration deadline</td>
<td>14 August 2019</td>
</tr>
<tr>
<td>Conference</td>
<td>26-28 September 2019</td>
</tr>
</tbody>
</table>

SCOPE

The scope of ICAEE 2019 will include, but not limited to, the following topics:

- **Computer Vision & Signal Processing**
  - Artificial Intelligence
  - Fuzzy Systems & Neural Networks
  - Pattern Recognition & Tracking
  - Signal & Image Processing

- **Telecommunication Systems & Networks**
  - Antenna and Wave Propagation
  - Cloud, Big Data & ICT
  - Computer Networks
  - Digital Communications
  - Fiber Optic Communications
  - Network Security & Cryptography
  - RF & Microwave Communications
  - Software Defined Radio
  - Wireless Communications

- **Power, Energy & Industry Applications**
  - Fusion Energy
  - Nuclear Energy
  - Photovoltaic & Renewable Energy
  - Power Electronics & Drives
  - Power Systems
  - Smart Power Grid

- **Biomedical Engineering**
  - Bioinformatics
  - Biomechanics
  - Biomedical Systems & Applications
  - Cellular & Tissue Engineering
  - Healthcare Management Systems
  - Human-Machine Interfaces
  - ICT, Health and Disabilities

- **Robotics, Control & Automation**
  - Control Systems
  - Industrial Automation
  - Robotics & Mechatronics
  - Internet of Things

- **Devices, Circuits & Systems**
  - Digital Systems
  - Electronic & Optoelectronic Devices
REGISTRATION FEES

<table>
<thead>
<tr>
<th>Registration Category</th>
<th>IEEE Member</th>
<th>Non IEEE Member</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foreign Authors/Participants</td>
<td>US$ 300+15*</td>
<td>US$ 350+15*</td>
</tr>
<tr>
<td>SAARC Country Authors/Participants</td>
<td>US$ 200+15*</td>
<td>US$ 250+15*</td>
</tr>
<tr>
<td>SAARC Country Student Authors</td>
<td>US$ 150+15*</td>
<td>US$ 200+15*</td>
</tr>
<tr>
<td>Local Authors/Participants</td>
<td>BDT 6000+1275*</td>
<td>BDT 7000+1275*</td>
</tr>
<tr>
<td>Local Student Authors/Participants</td>
<td>BDT 4000+1275*</td>
<td>BDT 5000+1275*</td>
</tr>
</tbody>
</table>

*Additional fee for including the paper in IEEE Xplore Digital Library as per new law of IEEE MCE.

TECHNICAL CO-SPONSOR

(Approval under process)

PAPER SUBMISSION

Prospective authors are invited to submit original papers (pdf version only) including results, tables, figures and references. Full papers will be accepted only by online submission through the conference website: http://icaeiub.net/ipsubmission.php. All authors must prepare their papers by strictly following the IEEE format posted in the ICAEE website (www.icaeiub.net).

PAPER REVIEW

All papers submitted to ICAEE 2019 will be double blind peer reviewed with two/three experienced professionals before final acceptance decisions are made. The paper review team mainly consists of the experienced professionals 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.

PUBLICATION

All accepted full papers will be published in the conference proceedings and will be sent to IEEE for inclusion in the IEEE Xplore Digital Library. Only the accepted & registered full papers with proper IEEE format and presented in the conference will be considered for inclusion in the IEEE Xplore Digital Library.

BEST PAPER AWARDS

Dr. Fatema Rashid Best Paper Awards will be given to the SIX best paper awardees (3 student categories and 3 non-student categories) based on the review score and recommendation from session Chairs & Technical Program Committee. Only the papers presented in the ICAEE 2019 will be considered for awards. Each award includes prize money, crest and certificate.

CONFERENCE GENERAL CHAIR

Dr. Md. Abdur Razzak, SMIEEE, Independent University, Bangladesh

ORGANIZING CHAIR

Dr. Mustafa Habib Chowdhury, MIEEE, Independent University, Bangladesh

TECHNICAL PROGRAM CHAIRS

Prof. Shaikh Anowarul Fattah, SMIEEE, Bangladesh University of Engineering & Technology
Prof. K. M. A. Salam, MIEEE, North South University, Bangladesh
Prof. Mohammad Abdul Mannan, SMIEEE, American International University-Bangladesh
Prof. A. K. M. Muzahidul Islam, SMIEEE, United International University
Dr. Lamia Iftekhar, MIEEE, North South University, Bangladesh
Dr. Md. Kafiul Islam, SMIEEE, Independent University, Bangladesh
Technical Program Committee

Prof. A. Datta, University of Calcutta, India
Prof. A. F. M. Anwar, University of Connecticut, USA
Prof. A. K. Cherri, Kuwait University, Kuwait
Prof. Abdullah Al Mamun, United International University
Prof. ABM Siddique Hossain, American International University, Bangladesh
Prof. Alokkanti Deb, Indian Institute of Technology, Kharagpur, India
Prof. B. M. A. Rahman, City University, London, UK
Prof. Datin Dr. Rubiyahbt. Yusof, MJIIT, UniversitiTeknologi Malaysia
Prof. E. Hossain, University of Manitoba, Canada
Prof. Farruk Ahmed, Independent University, Bangladesh
Prof. KaziKhairul Islam, Uttara University, Bangladesh
Prof. Khosru M. Salim, Independent University, Bangladesh
Prof. M. A. Alam, Purdue University, USA
Prof. M. A. Chowdhury, Bangladesh University of Engineering & Technology
Prof. M. A. G. Abushagur, Rochester Institute of Technology, USA
Prof. M. A. Rashid, Massey University, New Zealand
Prof. M. Atiquzzaman, University of Oklahoma, USA
Prof. M. Guizani, Qatar University, Qatar
Prof. M. H. A. Khan, East West University, Bangladesh
Prof. M. Kaykobad, Bangladesh University of Engineering & Technology
Prof. M. Lutfar Rahman, Daffodil International University, Bangladesh
Prof. M. Mofazzal Hossain, University of Liberal Atrs, Bangladesh
Prof. M. R. Khan, United International University, Bangladesh
Prof. M. R. Syed, Mankato State University, USA
Prof. M. Rokonuzzaman, North South University, Bangladesh
Prof. M. Saquib, The University of Texas at Dallas, USA
Prof. Md. Abdur Rahman, American International University, Bangladesh
Prof. Md. Atiqur Rahman Ahad, University of Dhaka, Bangladesh
Prof. Md. Fayzur Rahman, Green University, Bangladesh
Prof. Md. Shafiu Alam, University of Dhaka, Bangladesh
Prof. Md. Yeakub Hossain, University of Asia Pacific
Prof. Mirza Golam Rabbani, Eastern University
Prof. Muhammad H Rashid, Florida Polytechnic University, USA
Prof. N. Kishi, University of Electro-communication, Japan
Prof. N. Sang, Huazhong University of Science and Technology, China
Prof. Nowshad Amin, Universiti Tenaga Nasional, Malaysia
Prof. R. Amin, Islamic University of Technology, Bangladesh
Prof. R. C. D. Young, University of Sussex, UK
Prof. Ruhul Amin, Islamic University of Technology, Bangladesh
Prof. S. Takamura, Aichi Institute of Technology, Japan
Prof. Saifur Rahman, Virginia Tech Advanced Research Institute, USA
Prof. Satyendra Prashad Mazumder, Bangladesh University of Engineering & Technology
Prof. Satyenandra N. Biswas, Ahsanullah University of Science & Technology, Bangladesh
Prof. Shahidullah, Daffodil International University, Bangladesh
Prof. Shahidul Islam Khan, Bangladesh University of Engineering & Technology
Prof. Shahriar Khan, Independent University, Bangladesh
Prof. Shamim Ahmad, University of Rajshahi, Bangladesh
Prof. T. K. Shih, Asia University, Taiwan
Prof. T. Yalcinoz, Melskisa University, Turkey
Prof. V. Asari, University of Dayton, USA
Dr. A. A. S. Awwal, Lawrence Livermore National Laboratory, USA
Dr. A. Alfalou, University of Western Britany, Brest, France
Dr. A. Dutta, Banpil Photonics, USA
Dr. A. H. M. Zahirul Alam, International Islamic University, Malaysia
Dr. A. Hossain, Nanova Corporation, USA
Dr. Ali Shihab Sabbir, Independent University, Bangladesh
Dr. Aman Than Woo, Deakin University, Australia
Dr. Amitabh Chakraborty, Brac University, Bangladesh
Dr. Apel Mahmud, Deakin University, Australia
Dr. Azran Azhim Noor Azmi, International Islamic University, Malaysia
Dr. Azura Binti Hamzah, MJIIT, Universiti Teknologi Malaysia
Dr. Enamul Haque, Deakin University, Australia
Dr. Ferdows Zahid, Independent University, Bangladesh
Dr. Feroz Ahmed, Independent University, Bangladesh
Dr. G. S. Hossain, Lenovo, Japan
Dr. Gazi Mohammad Sharif, Tokai University, Japan
Dr. Humayun Kabir, American International University, Bangladesh
Dr. K. C. Paul, Topanga Technologies Inc., USA
Dr. M. H. Haque, University of South Australia
Dr. M. I. Alkanhal, KACST, Saudi Arabia
Dr. M. J. Hossain, EMBL, Germany
Dr. M. Uzunoglu, Yildiz Technical University, Turkey
Dr. M. Z. Islam, Charles Sturt University, Australia
Dr. Mahady Hasan, Independent University, Bangladesh
Dr. Mahbub Murshed, Independent University, Bangladesh
Dr. Md. Ashraful Amin, Independent University, Bangladesh
Dr. O. Farooq, Aligarh Muslim University, India
Dr. R. Gollapalli, University of South Alabama, USA
Dr. R. S. Priya, Fraunhofer Center, Germany
Dr. S. M. Aziz, University of South Australia, Australia
Dr. Shahrum Shah b. Abdullah, MJIIT, Universiti Teknologi Malaysia
Dr. Sumiaty Binti Ambran, MJIIT, Universiti Teknologi Malaysia
Dr. T. Manzur, Office of Naval Research, USA
Dr. Tanvir Ahmed, Tokyo Institute of Technology, Japan
Dr. Md. Enamul Haque, Military Institute of Science & Technology

INTERNATIONAL ADVISORY COMMITTEE
Prof. A. Datta, University of Calcutta, India
Prof. A. F. M. Anwar, University of Connecticut, USA
Prof. A. K. Cherri, Kuwait University, Kuwait
Prof. ABM Siddique Hossain, American International University, Bangladesh
Prof. Alok Kanti Deb, Indian Institute of Technology, Kharagpur, India
Prof. B. M. A. Rahman, City University, London, UK
Prof. Datin Dr. Rubiyah bt. Yusof, MJIIT, Universiti Teknologi Malaysia
Prof. E. Hossain, University of Manitoba, Canada
Prof. M. A. Alam, Purdue University, USA
Prof. M. A. Chowdhury, Bangladesh University of Engineering & Technology
Prof. M. A. G. Abushagur, Rochester Institute of Technology, USA
Prof. M. A. Rashid, Massey University, New Zealand
Prof. M. Atiquzzaman, University of Oklahoma, USA
Prof. M. Guizani, Qatar University, Qatar
Prof. M. Kaykobad, Bangladesh University of Engineering & Technology
Prof. M. R. Khan, United International University, Bangladesh
Prof. M. R. Syed, Mankato State University, USA
Prof. M. Saquib, The University of Texas at Dallas, USA
Prof. Muhammad H Rashid, FIEEE, Florida Polytechnic University, USA
Prof. N. Kishi, University of Electro-communication, Japan
Prof. N. Sang, Huazhong University of Science and Technology, China
Prof. Nowshad Amin, University Tenaga National, Malaysia
Prof. R. C. D. Young, University of Sussex, UK
Prof. S. Takamura, Aichi Institute of Technology, Japan
Prof. Saifur Rahman, FIEEE, Virginia Tech Advanced Research Institute, USA
Prof. T. K. Shih, Asia University, Taiwan
Prof. T. Yalcinoz, Meliksah University, Turkey
Prof. V. Asari, University of Dayton, USA
Prof. Md. Enamul Haque, Military Institute of Technology
Dr. A. A. S. Awwal, Lawrence Livermore National Laboratory, USA
Dr. A. Alfalou, University of Western Britany, Brest, France
Dr. A. Dutta, Banpil Photonics, USA
Dr. A. H. M. Zahirul Alam, International Islamic University, Malaysia
Dr. A. Hossain, Nanova Corporation, USA
Dr. Apel Mahmud, Deakin University, Australia
Dr. Ashir Ahmed, Kyushu University, Japan
Dr. Azran Azhim Noor Azmi, International Islamic University, Malaysia
Dr. Azura Binti Hamzah, MIJIT, Universiti Teknologi Malaysia
Dr. EnamulHaque, Deakin University, Australia
Dr. G. S. Hossain, Lenovo, Japan
Dr. Gazi Mohammad Sharif, Tokai University, Japan
Dr. K. C. Paul, Topanga Technologies Inc., USA
Dr. M. H. Haque, University of South Australia
Dr. M. I. Alkanhal, KAUST, Saudi Arabia
Dr. M. J. Hossain, EMBL, Germany
Dr. M. Uzunoglu, Yildiz Technical University, Turkey
Dr. M. Z. Islam, Charles Sturt University, Australia
Dr. O. Farooq, Aligarh Muslim University, India
Dr. R. Gollapalli, University of South Alabama, USA
Dr. R. S. Priya, Fraunhofer Center, Germany
Dr. S. M. Aziz, University of South Australia, Australia
Dr. Shahrum Shah b. Abdullah, MJIIIT, Universiti Teknologi Malaysia
Dr. Sumiaty Binti Ambran, MJIIIT, Universiti Teknologi Malaysia
Dr. T. Manzur, Office of Naval Research, USA
Dr. Tanvir Ahmed, Tokyo Institute of Technology, Japan

CONTACTS

Dr. Md. Kafiul Islam, SMIEEE  
Technical Program Chair, ICAEE 2019  
Department of Electrical & Electronic Engg  
Independent University, Bangladesh  
Phone: +8801730871457  
E-mail: icaee@iub.edu.bd

Shovasis Kumar Biswas, MIEEE  
Technical Program Secretary, ICAEE 2019  
Department of Electrical & Electronic Engg  
Independent University, Bangladesh  
Phone: +8801717827665  
E-mail: icaeetpc@gmail.com