

NCETIA-2018

ENERGY TECHNOLOGY
INDUSTRIAL AUTOMATION



1st National Conference On Energy Technology and Industrial Automation

December 8, 2018

Venue
Seminar Room

Department of Mechanical Engineering
Chittagong University of Engineering and Technology



Organized by

Institute of Energy Technology

Chittagong University of Engineering & Technology
Chittagong-4349, Bangladesh

In collaboration with

EPRC, Bangladesh and BSME

Call for papers

To bind modern automation and energy systems in one frame, the Institute of Energy Technology, CUET is going to organize the 1st National Conference on Energy Technology and Industrial Automation (NCETIA) from 8 December, 2018. The NCETIA focuses on bringing academicians, scientists, researchers, IT and industrial experts in a common platform in order to exchange knowledge and share their problems and experiences regarding to Industrial systems, automation and energy-mechatronics field.

We are cordially inviting abstracts and full papers of new researches and solutions to solve energy crisis and industrial related problem and lead Bangladesh into vision 2021.

NCETIA is accepting submissions for the Energy Research Program, Designer Program, and Industrial Solution Program on the following topic areas (but not limited to):

- Industrial-Energy Technologies
- Industrial Automation and control
- Renewable energy and its application
- Energy harvesting devices
- Power Robotics & Mechatronics
- Energy Systems and Resources
- Algorithms for Energy optimization
- Internet of things in industries
- Material science in Energy harvesting

Paper Submission and Publication

Prior to submit the full paper in NCETIA-2018, submission in prescribed paper template is necessary (**download paper template from: www.cuet.ac.bd/iet/ncetia-2018**). The paper abstract should be concise and to the point and contains clear objective and methodology within 300 words. Keywords are limited to 4-7. After complete explanation, a conclusion must be drawn which will summaries the contribution of the

manuscript. The maximum length of full paper must be limited to 5-8 pages. The paper should be submitted for NCETIA-2018 through email (send it in ncetmia@cuet.ac.bd). All submitted papers for the NCETIA-2018 will be peer-reviewed. After review process, the accepted papers will be finally considered for conference proceeding (with ISSN) and conference presentation. Based on the research outcomes and presentation quality, “NCETIA Best Paper -2018” will be awarded.

Important Dates

1st Full paper submission	: Aug 15, 2018
Review notification	: Sept. 1, 2018
Reviewed Paper Submission	: Sept. 15, 2018
Notification of Full paper acceptance	: Oct 1, 2018
Registration deadline	: Dec. 1, 2018
Date of Conference	: Dec 8, 2018

Registration Fees

Students	BDT 500 /-
Professionals	BDT 1000 /-

Events at a Glance

- **Keynote speech**
- **Special lectures**
- **Conference Session**
- **Project Exhibition/**
- **Photographic Exhibition**



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Conference Venue



CUET is one of the renowned engineering universities in Bangladesh, which was established in 1968 about 20 km away from the Chittagong metropolitan area at the Kaptai road. The university offers degrees in engineering disciplines in undergraduate and post-graduate levels, and also conducts research and provides degrees in basic sciences in post-graduate level. There are fifteen academic departments under five faculties, three institutes emphasizing teaching and research of engineering, technology, architecture and planning. About 200 academics in support of 150 staffs are dedicated to make this naturally pristine university a center of excellence in teaching, learning and research for sustainable development of Bangladesh and the rest of the world.



Institute of Energy Technology (IET), CUET was started in 2001 as a research center for addressing nation's energy issues scholarly. However, due to its manpower, resources and facilities, and research scopes, in 2003, the status of the center is elevated to a degree awarding institute in energy technology. The core objective of this institute is to

make positive impact in nation's energy sustainability and preservation of bio-diversity. For which the mission of this institute is to accomplish relevant and suitable research projects independently as well as in cooperation with private



and public organizations at home and abroad.

Bangladesh Energy and Power Research Council:

Bangladesh Energy and Power Research Council (EPRC), a new body under the Power and Energy Ministry established in February 2 2015. The mission and vision of EPRC, Bangladesh is provide the intellectual leadership to seek innovative solutions for efficient, cost-effective and environmentally sustainable development of Bangladesh's energy and power infrastructure. The Council provides the platform to attract experts worldwide, and help to create in-country expertise through scientific collaboration and assists individual entrepreneurs to develop applicable technologies and systems for the development of the energy and power sector.



BSME (Bangladesh Society of Mechanical Engineers) is a professional organization formed in October, 1998 at the Mechanical Engineering Department of BUET (Bangladesh University of Engineering & Technology). The main

objectives are to- • Maintain liaison with similar National / International Organizations • Publish relevant journals, organize technical committee and study groups • Make available Codes, Standards and other technical information for the practicing engineers • Arrange conferences / technical discussion for exchange of ideas among the professionals and thereby contribute to the development of the profession

Contact Details for Any Queries

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