

3rd International Conference on Energy, Power and Environment (Towards Clean Energy Technologies)



ICEPE 2020
TOWARDS CLEAN ENERGY TECHNOLOGIES

DEPARTMENT OF ELECTRICAL ENGINEERING

National Institute of Technology Meghalaya, Shillong, India | <http://icepenitm2020.org/>

March 05 – 07, 2021

Conference Theme

ICEPE 2020 is the 3rd International Conference on Energy, Power and Environment, which is being organized by the Department of Electrical Engineering, NIT Meghalaya, Shillong, India during 5th-7th March 2021. The conference is proposed with a basic theme "Towards Clean Energy Technologies". ICEPE 2020 will provide an opportunity to the practicing engineers, academicians and researchers to meet in a common forum to discuss various issues and its future direction in the field of clean energy technologies. There are various tracks in the conference, which mainly focuses on the energy, power and environment. The conference aims to put together the experts from the relevant research domains to share their knowledge and ideas with a direction towards future research scope.

Call for Special and Regular Session Papers

The details of call for special as well as regular session papers will be updated in the conference website. Please follow the conference link for more details. Regular sessions within the scope of the following topics, but not limited to:

Call for Papers

Modern Power Systems

Smart Grids, Power Quality and harmonics, Grid integration of renewable sources, Protection and switchgear, Power System Monitoring, control and energy management, Power system reliability, Electricity markets, challenges, operation, High voltage Engineering, HVDC and FACTS, Active and reactive power control, Islanding detection and control

Advanced Power converters

New power converters, Converter topologies, modulation techniques & control, Application of power converters for transportation/EV/Traction drives, AC/DC, DC/DC, DC/AC, AC/AC topologies, Wide band gap devices

Renewable energy sources

Renewable energy sources and Technology, Solar/Wind energy systems and its integration, Distributed Generation and Grid Interconnection, Micro grid/Smart grid control, Integration of energy storage systems, Biomass, Hydrogen based sources, Energy Harvesting, Green energy issue, Integration of multiple energy sources, Battery technology

Signal Processing and Communication Technologies

Nonlinear systems, identification and signatures, Electrical quantities, Embedded control systems and Sensor networks, Cloud Computing, Big Data, and Industrial Informatics

Environmental Pollution

EM spectrum Management, Environmental measurements, Emission optimization techniques, Low carbon emission methods

Smart Building Technologies

Demand Side Management, Electric Vehicles, Battery Management System, Metering systems, G2V and V2G applications, Energy policies and standards

Working Language

The working language of the conference is English, which will be used for all printed material, presentations and discussion.

Publication

All accepted, registered and presented papers will be submitted for possible inclusion to IEEE Xplore Digital Library and made available through IEEE Xplore Digital Library. Extended version of few selected papers will be recommended to publish with peer reviewed SCI/Scopus indexed journals.

CONTACT INFORMATION

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CONFERENCE WELCOMES SPONSORS

Platinum, Gold, Silver, Bronze, and Other categories are available. Further details please visit our conference website | <http://icepenitm2020.org/>

Prospective authors are invited to submit full papers (upto 6 pages in IEEE template) in PDF format. The conference paper template can be downloaded from the link http://www.ieee.org/conferences_events/conferences/publishing/templates.html. All papers must include title, complete contact information of all the authors, abstract and key words on the first page. Further details, please visit conference website.

Conference Deadlines

Submission of Special Session papers	Jan 05, 2021
Submission of full regular papers	Jan 05, 2021
Paper acceptance notification	Jan 20, 2021
Early registration	Feb 05, 2021
Submission of camera-ready paper	Feb 05, 2021
Final registration with 10% extra fee	Feb 21, 2021

Registration Details

Author Category	Indian Delegates		Foreign Delegates
	Physical mode	Online mode	Online mode
Delegates from Industry/Academia (Non-IEEE Members)	₹ 9000	₹ 7000	\$ 250
Delegates from Industry/Academia (IEEE Members)	₹ 7000	₹ 6000	\$ 200
Students (Non-IEEE Members)	₹ 6000	₹ 5000	\$ 200
Students (IEEE Members)	₹ 5000	₹ 4000	\$ 150
Accompany delegates	₹ 4000	-----	-----
Student Attendees	₹ 2000	-----	-----

Note: ₹ and \$ for National and International participants respectively

- At least one author must register to include the paper in the conference
- If more than one author will be coming to attend the conference for paper presentation then at least one author need to register as a Regular Author Industry/Academia (as applicable) and rest of the authors can register as attendee.
- Registration fee includes Registration kit, Certificate, Tea/Coffee, Lunch & dinner. Student attendee registration does not include the conference dinner.

About NIT Meghalaya

National Institute of Technology Meghalaya (established in 2010 under the NIT Act 2007 as an Institute of National Importance) is one among the 31 NITs in India. NIT Meghalaya is ranked 67th position by NIRF, 56th position by Business World and 28th position under Top 35 Government Engineering Colleges by India Today in 2019. The Institute has five Engineering Departments: Mechanical, Civil, Electrical, Electronics & Communication and Computer Science & Engineering; three Basic Science Departments and Humanities & Social Sciences. Its permanent campus is being set-up at Sohra (Cherrapunjee), Meghalaya which is endowed with pristine beauty and greenery.

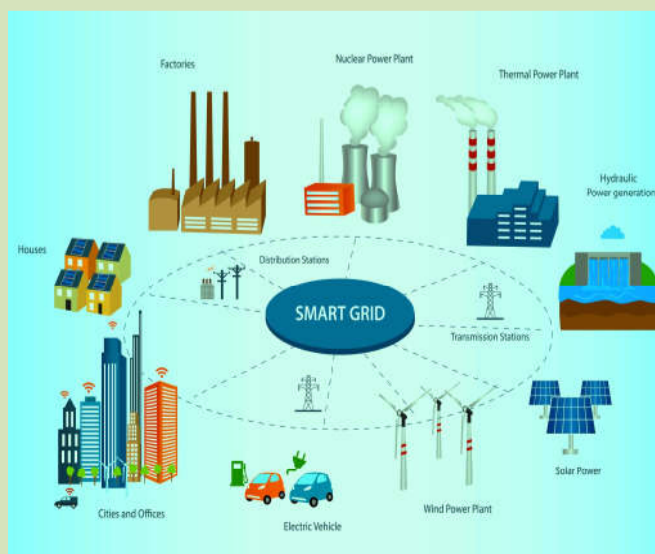
Currently, the institute is functioning in its temporary campus at Shillong in East Khasi Hills district of Meghalaya and is about 2 kms from the main bus stand of Shillong on Police bazaar – Laitumkhrah roadway. The city of Shillong is well connected with rest of country by road. The nearest railway station is at Guwahati (Assam), at a distance of 100 kms from Shillong. The nearest airport is within city (25 kms). The place has healthy climate with temperature ranging from 15°C to 25°C during March and is at an average altitude of 1496 m above sea level.

About Department

The Department of Electrical Engineering was established in the year 2010. The Department offers B.Tech with intake capacity of 30, M.Tech with intake capacity of 20, and PhD programmes. The department is well equipped with laboratories; computers, latest simulation software's and our students are exposed to recent technologies and techniques. The department has well experienced and dedicated faculty members with different specializations.

Shillong Attractions

Shillong is the only hill station in the country that is accessible from all sides. The name Shillong is derived from U-Shyllong, a powerful deity and is situated at an altitude of 1496 m above sea level with attractions like Lady Hydari Park, Ward's Lake, Don Bosco Centre for Indigenous Cultures, Spread Eagle Falls, Sweet Falls, Elephant Falls, Shillong Peak, Capt. Williamson Sangma State Museum.



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