

5th International Conference on Energy, Power and Environment (Towards Flexible Green Energy Technologies)



June 15 – 17, 2023

ICEPE 2023

Venue: **National Institute of Technology Meghalaya**, Shillong, India | www.nitm.ac.in/icepe2023/

Conference Theme

ICEPE 2023 is the 5th IEEE International Conference on Power Energy and Environment, which is being organized by the Department of Electrical Engineering, NIT Meghalaya, Shillong, India during 15th-17th June 2023. The conference is proposed with a basic theme "Towards Flexible Green Energy Technologies". ICEPE 2023 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 green energy technologies. There are various tracks in the conference, which mainly focuses on the power, energy 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

Transactive Markets, Cyber Security, 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

Advanced Power converters

Wireless charging, Electric Vehicles, New power converters, Converter topologies, modulation techniques & control

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

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

Smart Building Technologies

Big Data Analytics, Demand Side Management, Electric Vehicles, Battery Management System, Metering systems

Working Language

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

Publication

The conference will receive technical co-support by IEEE and others. Accepted and orally presented papers shall submit to IEEE Xplore and associated indexing.

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 | www.nitm.ac.in/icepenitm2023/

Author's Guidelines

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

Proposal for Special Session	Oct 31, 2022
Submission of full regular papers	Dec 30, 2022
Paper acceptance notification	Apr 10, 2023
Early registration	May 06, 2023
Submission of camera-ready paper	May 15, 2023
Final registration with 10% extra fee	May 31, 2023

Registration Details

Regular member	₹ 15000	\$ 450
IEEE/IET member	₹ 13000	\$ 400
Student member	₹ 12000	\$ 400
IEEE/IET student member	₹ 10000	\$ 300
Co-author	₹ 8000	\$ 200
Accompany member	₹ 5000	\$ 180

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

About NIT Meghalaya

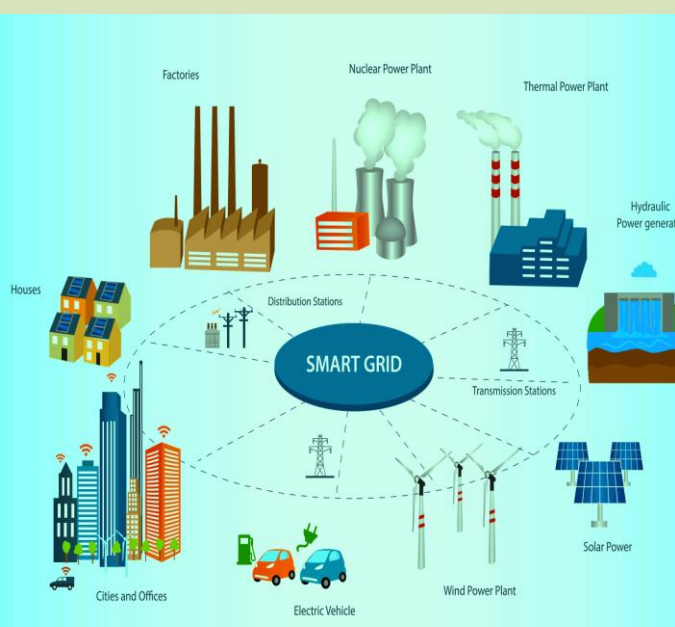
National Institute of Technology Meghalaya was established in the year 2010 as Institute of National Importance with full funding support from the MHRD, Govt. of India. Its permanent campus is being set-up at Sohra (Cherrapunjee), Meghalaya which is endowed with pristine beauty and greenery. The institute 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 – Laitumkharah road. 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 17.5°C to 23.7°C during Sep 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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