NE IECCE 2025

IEEE North-East India
International Energy Conversion Conference and Exhibition
(NE-IECCE 2025)
National Institute of Technology Silchar, Assam, India
4 - 6 July 2025

About NE-IECCE

IEEE NE-IECCE 2025, the Flagship Annual International Conference of IEEE Kolkata Section & Silchar Subsection Industry Applications Society Joint Chapter in association with the Department of Electrical Engineering, aims to provide a unique platform to researchers, practitioners, industry delegates, technocrats, and policymakers from academia and industry to share and promote recent research accomplishments and innovations for the sustainable development of industry and society. To cater to the future industry demands of Sustainable Energy Conversion and Transport Electrification, this conference aims to put forth the experts working in this area to share their research findings which significantly impact modern smart grid, sustainable electric transportation, and control. After peer review, all accepted and presented papers of NE-IECCE 2025, will be submitted to IEEE Xplore Digital Library for inclusion and 100% accepted and presented papers will be forwarded to IEEE Transactions on Industry Applications for further review.

CONFERENCE TRACKS

- Power Conversion Technologies for Transportation Electrification and Sustainable Energy Integration
- Modeling and Control of Energy Efficient Drives for Electric Transportation (Land, Air, and Sea)
- Smart and Sustainable Charging Infrastructure for e-Mobility
- Energy Conversion and Management for Sustainable Smart Energy Systems and Rural Electrification
- Computational Intelligence, Cyber Security and IoT Applications for Energy Efficiency and Conservation
- Automation, Control, and Digitization for Industry Applications

About NIT SILCHAR

With a vision to train and transform young professionals into responsible citizens for the betterment of the society, NIT Silchar produces skilled and trained industry-ready professionals through imparting quality technical education and acts as the center of excellence for engineering and scientific research. Being an integral part of the dynamic research community, NIT Silchar focuses on designing engineering and management programs that instill leadership and teamwork and carries a global appeal to comply with global technical developments and market demands. The research conducive green campus encourages the young minds to develop attributes and knowledge beyond the constraints of traditional classroom teaching and learning. NITS has been able to create a niche of its own and become the most preferred institute in the eastern region of the country. It stands as a humble spectacle where tradition meets vogue, aspiration meets inspiration and regional excellence defines global benchmarks.

The Department of Electrical Engineering of NIT Silchar is one of the finest and well-equipped Electrical departments of the North-East region. It boasts of having highly qualified faculties specialized in diverse fields with an unparallel level of expertise in their field. The Department offers B. Tech. in Electrical Engineering, M. Tech. in Power and Energy Systems Engineering & Control and Industrial Automation and Ph.D. in Electrical Engineering. The department is equipped with state of art laboratories to cater research in the frontier research areas of Electrical Engineering facilitating a commendable research ambience in the department. The expertise and dedication of the faculty members along with infrastructural facilities coupled with the perseverance of the students have catapulted the branch to the top league.

Places to Visit in North - East India

Chief Patrons
Prof. Dilip Kumar Baidya, Director, NIT Silchar
Prof. S. K. Chowdhury, Chair, IEEE Kolkata Sect.

Patrons
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Vantawng Falls Mizoram
Maa Kamakhya Temple Guhawati
Kaziranga National Park Assam
Barak Waterfalls, Manipur
Wildlife Santuary Agartala

AUTHOR INFORMATION & PAPER SUBMISSION PROCESS

Authors are invited to submit their full manuscripts in IEEE MS Word or LaTeX (6 pages max) according to guidelines available on the conference website and submit paper via Microsoft CMT: https://cmt3.research.microsoft.com/NEIECCE2025

CONTACT

https://ne-iecce2025.org

neiecce.ieee@ee.nits.ac.in
amritesh@ee.nits.ac.in
asharani@ee.nits.ac.in

IMPORTANT DATES

- Paper Submission Open: October 07, 2024
- Paper Submission Closing: January 31, 2025
- Notification of Acceptance: April 07, 2025
- Early Bird Registration: April 11, 2025
- Camera Ready Submission: May 1, 2025

IAS IEEE INDUSTRY APPLICATION SOCIETY — IEEE SILCHAR SUBSECTION & KOLKATA SECTION JOINT CHAPTER

IEEE SILCHAR SUBSECTION

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