IEEE North-East India International Energy Conversion Conference and Exhibition (NE-IECCE) 2026
(IEEE NE-IECCE 2026)

June 12 – 14, 2026
NIT Meghalaya, Sohra, India

CALL FOR PAPER

ABOUT NE-IECCE

IEEE NE-IECCE 2026, the second edition of the annual flagship conference of North-East India, will be jointly organized by the Dept. of Electrical Engineering (NIT Meghalaya), IEEE Guwahati Subsection, and the IEEE Industry Applications Society Student Branch Chapter (NIT Meghalaya). The conference aims to bring together researchers, academicians, students, industry professionals, and representatives from government and non-governmental organizations to exchange ideas and showcase their latest work in the broad domain of electrical and electronics engineering. IEEE NE-IECCE 2026 will serve as a platform to promote recent advancements and innovations that contribute to the sustainable growth of industry and society. With a focus on addressing the emerging needs of future industries—particularly in the areas of Sustainable Energy Conversion and Transport Electrification-the event will host leading experts who will present impactful research on topics such as modern smart grids, sustainable electric mobility, and advanced control systems.

About NIT Meghalaya

National Institute of Technology Meghalaya is an Institute of National Importance established under the NIT Act, 2007, and operates under the support of the Ministry of Education, Government of India. Since its inception in 2010, the institute has been committed to excellence in technical education, research, and innovation. Located in Shillong, Meghalaya, NIT Meghalaya offers undergraduate, postgraduate, and doctoral programs in key disciplines of Engineering, Science, and Technology. The institute maintains high academic standards, a rigorous curriculum, and a strong emphasis on research and interdisciplinary learning. NIT Meghalaya fosters a research-intensive environment, with active projects in areas such as power and energy systems, artificial intelligence, materials science, embedded systems, sustainable technologies, and data science. Faculty and students regularly engage in sponsored research supported by national funding agencies, including ANRF, DST, SERB, MeitY, CPRI, ISRO, BRO, Rural Electrification Corporation Limited, and SCSTE (Govt. of Meghalaya), etc. With modern infrastructure, well-equipped laboratories, and a vibrant academic ecosystem, the institute also promotes industry-academia collaboration, entrepreneurship, and community outreach. NIT Meghalaya is steadily emerging as a center for Technological Advancement and Innovation in the North Eastern region and across the country.

About the Department

The Department of Electrical Engineering was established in the year 2010. It offers B.Tech, M.Tech, and Ph.D. programs and focuses on delivering high-quality education and conducting research in areas such as Power Systems, Smart Grid Technologies, Power Electronics and Drives, Electric Vehicles, Renewable Energy Integration, Signal Processing, Machines and Drives, Control and Automation, Cybersecurity, and Transactive Energy Markets. The department is equipped with well-furnished laboratories and specialized simulation software to support extensive research. Faculty members actively publish in reputed journals and conferences, including IEEE, IET, Elsevier, Wiley, Springer, and Taylor & Francis, and have secured research funding from agencies such as ANRF, DST, SERB, CPRI, MeitY, Rural Electrification Corporation Limited, and SCSTE (Govt. of Meghalaya). Furthermore, the department is actively involved in outreach initiatives and has successfully organized several international events, including ICEPE (annual flagship conference of NITM) and ISSETA. The Department of Electrical Engineering, NIT Meghalaya, is accredited by the NBA.

Working Language

The working languages of the conference are US or UK English, which will be used for all printed material from submission to publication and during presentations and discussions as well.

Patrons:
Prof. Pinakeswar Mahanta, Director, NIT Meghalaya
Honorary General Chairs:
Prof. Ayman El-Refaie, President, IEEE IAS
Prof. Andy Knight, University of Calgary, Canada
Prof. Akshay Kumar Rathore, NUS, Singapore
IEEE IAS Representative:
Prof. Akshay Kumar Rathore, NUS, Singapore
General Chairs:
Dr. Sanjoy Debbarma, NIT Meghalaya
Dr. Sivaneasan Bala Krishnan, SIT Singapore
General Co-Chair:
Dr. Shaik Affijulla, NIT Meghalaya
Organizing Chairs:
Dr. Piyush Pratap Singh, NIT Meghalaya
Dr. Arunima Dutta, NIT Meghalaya
Technical Program Chairs:
Dr. Rajen Pudur, NIT Arunachal Pradesh
Dr. Subir Datta, Mizoram University
Dr. Asadur Rahman, NIT Srinagar
Dr. Bikram Das, NIT Agartala
Dr. D. Potnuru, NERIST, Arunachal Pradesh
Dr. Sukanta Halder, IIT (ISM) Dhanbad
Dr. Ravindranath Adda, IIT Guwahati
Advisory Committee
Prof. Ambrish Chandra, ETS, Montreal, Quebec, Canada
Prof. Frede Blaabjerg, Alborg University, Denmark
Prof. Akshay Kumar Rathore, NUS, Singapore
Prof. Prasad Enjeti, Texas A&M, USA
Prof. Subhashish Bhattacharya, N. C. S. University, USA
Prof. Ayman El-Refaie, Marquette University
Prof. Kashem Muttaqi, UOW, Australia
Prof. Vinod Khadkikar, Khalifa University, UAE
Prof. S.K. Biswas, Past Chair, IEEE IAS Kolkata Chapter
Prof. Kaushik Rajashekara, USA
Prof. Tarlochan S Sidhu, Ontario Tech University, Canada
Prof. Lalit Kumar Goel, NTU Singapore
Prof. A.K. Swain, University of Auckland, New Zealand
Prof. Saikat Chakrabarti, IIT Kanpur
Prof. S.N. Singh, IIT Kanpur
Prof. Mohan V Aware, NIT Arunachal Pradesh
Dr. Dinesh Kumar, Danfoss Drives, USA
Prof. Biplab Sikdar, NUS Singapore
Prof. L.C. Saikia, NIT Silchar, India
Dr. Chandan Kumar, IIT Guwahati
Prof. Bhim Singh, IIT Delhi, India
Prof. B. K. Panigrahi, IIT Delhi
Prof. Vivek Agarwal, IIT Bombay, India
Prof. Sukumar Mishra, IIT Dhanbad
Prof. H.M. Suryawanshi, NIT Hamirpur
Prof. B. G. Fernandes, IIT Bombay

Prof. Kishore Chatterjee, IIT Bombay
Prof. Prerna Gaur, NSUT Delhi
Prof. Suryanarayana Dolla, IIT Bombay
Prof. Chandan Chakraborty, IIT Kharagpur
Prof. Debabrata Das, Chair, IEEE India Council
Dr. Zakir Rather, IIT Bombay
Prof. Rajesh Kumar, University of Johannesburg, SA
Dr. Dipti Saxena, MNIT Jaipur
Prof. B.K. Roy, NIT Silchar
Dr. Atanu Banerjee, IIEST Shibpur
Dr. Sanjib Ganguly, IIT Guwahati
Dr. Asha Rani, NIT Silchar, India
Dr. Arup Kumar Goswami, NIT Silchar
Dr. T. Malakar, NIT Silchar
Prof. J. P. Mishra, NIT Silchar
Dr. Arvind Jain, NIT Agartala
Dr. Sunanda Sinha, MNIT Jaipur
Dr. Subhasish Deb, Mizoram University
Prof. Nidul Sinha, NIT Silchar
Prof. Sanjay Agrawal, NIT Meghalaya
Dr. Ravita Lamba, IIT Roorkee
Dr. Amritesh Kumar, NIT Silchar
Prof. Asim Datta, Tezpur University
Women in Engineering Chairs:
Prof. Prerna Gaur, NSUT Delhi, India
Dr. Ravita Lamba, IIT Roorkee
Dr. Nabanita Adhikary, NIT Silchar
Students Award Chair:
Prof. Deepak kumar M Fulwani, IIT Jodhpur
Dr. Sashidhar Sampathirao, IIT Goa
Kalpana R, NIT Karnataka, Surathkal, India
Finance Chairs:
Dr. Piyush Pratap Singh, NIT Meghalaya
Dr. Sreenath J G, IIT Guwahati
Special Sessions/Tutorial Chairs:
Dr. E S N Raju P, IIT Guwahati
Dr. Amritesh Kumar, NIT Silchar
Dr. B. Shakila, NIT Nagaland
Dr. Abanishwar Chakrabarti, NIT Agartala
Student Activity Chairs:
Dr. Pabitra Kumar Biswas, NIT Mizoram
Dr. P. D. Singh, NERIST, Arunachal Pradesh
Dr. Dipu Sarkar, NIT Nagaland
Dr. Suman Majumder, NIT Mizoram
Publication Chairs:
Dr. T. Roy Choudhury, NIT Rourkela
Dr. Chiranjit Sain, GKCIET Malda
Dr. Rakesh Roy, NIT Meghalaya
Dr. Biswajit Sahoo, NIT Silchar
Hospitality & Travel Chairs:
Dr. Y. Odyuo, NIT Meghalaya

Dr. Suraj Gupta, NIT Meghalaya
Dr. Ramesh Kumar, NIT Mizoram
Dr. Pradeep Kumar, NIT Sikkim
Website Chair
Dr. Suraj Gupta, NIT Meghalaya
Publicity Chairs
Dr. Siddhartha Deb Roy, MANIT Bhopal
Dr. A. Chakrabarti, NIT Agartala
Dr. Aurobinda Panda, NIT Sikkim
Dr. Piyali Das, NERIST, Arunachal Pradesh
Dr. P. D. Singh, NERIST, Arunachal Pradesh
Dr. Sreejith. S, NIT Silchar
Dr. K. Milan Singh, NIT Meghalaya
Dr. Asadur Rahman, NIT Srinagar
Dr. Partha Kayal, NIT Silchar
Dr. Vivekanandan S., NIT Silchar
Dr. Pratikanta Mishra, NIT Meghalaya
Dr. Prasanta Roy, NIT Silchar
Dr. Anish Ahmad, Tezpur University
Dr. D. Kumar Das, NIT Nagaland
Dr. S. N. Meitei, NIT Manipur
Industry Interaction and Sponsorship Chairs:
Dr. P. K. Pardhi, NIT Meghalaya
Dr. Arunima Dutta, NIT Meghalaya
Dr. Ravindranath Adda, IIT Guwahati
Dr. Suraj Gupta, NIT Meghalaya

Author's Guidelines

- Authors are initially invited to submit a digest in IEEE format (PDF) template (5 pages max), including figures and references according to the guidelines available on the conference website. Submit paper via link: **https://cmt3.research.microsoft.com/NEIECCE2026**
- Accepted papers after the initial review will get the opportunity to submit a full paper (6 pages max.).
- Up to two (2) extra pages are permissible with an additional fee to be paid at the time of registration.
- All papers submitted to NE-IECCE 2026 will undergo a plagiarism check. Papers with similarity scores of 30% or above may be rejected without further review, and no single source should exceed 10% similarity.
- Acceptance of the digest does not guarantee acceptance of the final paper.
- Paper title and authors' order should not be changed while submitting the final camera-ready paper.
- All accepted and presented papers at IEEE NE-IECCE 2026, following a rigorous peer-review process, will be submitted to IEEE Xplore for publication and indexing in major databases.

Limited funds are available for students to travel to the conference for paper presentation and participation.

Important Tracks

- **POWER SYSTEMS AND SMART GRIDS**
- **TOPOLOGIES, MODELING, AND CONTROL OF POWER ELECTRONIC CONVERTERS, DEVICES, AND COMPONENTS**
- **MODELING AND CONTROL OF ENERGY-EFFICIENT DRIVES FOR ELECTRIC TRANSPORTATION**
- **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 DIGITISATION FOR INDUSTRY APPLICATIONS**

Registration Details
(All rates are exclusive of 18% GST and payment gateway charges)

Category	Early Bird Registration Fee (Upto 31st March, 2026)		Regular Registration Fee (Upto 10th April, 2026)	
	IEEE Member	Non-IEEE Member	IEEE Member	Non-IEEE Member
Category I Author: Indian (Academia/Industry) For single paper	₹ 9000	₹ 10000	₹ 11000	₹ 12000
Category II Author: Indian (Academia/Industry) For two papers	₹ 13000	₹ 15000	₹ 16500	₹ 18000
Category III Author: Foreign (Academia/Industry) For single paper	$ 300	$ 350	$ 350	$ 400
Category IV Author: Foreign (Academia/Industry) For two papers	$ 500	$ 600	$ 600	$ 700
Category V Author: Indian (Student)	₹ 6750	₹ 7500	₹ 8250	₹ 9000
Category VI Author: Foreign (Student)	$ 225	$ 260	$ 260	$ 300
Category VII Attendee: Indian (Student)	₹ 4000	₹ 5000	₹ 5000	₹ 6000
Category VIII Attendee: Foreign (Student)	$ 150	$ 175	$ 175	$ 225
Tutorial Only: Indian/Foreign	₹ 1000 / $ 20			
Additional Page: Indian or Foreign	₹ 2500 / page or $ 30 / page			

Accommodations Facilities
- Students/Research Scholars can avail hostel accommodation at minimal charges.
- Guest room facilities for faculty participants and other professionals will be available, subject to availability.
- A list of resorts, hotels, and homestays will be updated on the conference website.

Contact Information

Contact	+919485177065 +918257820171
Email	neiecce2026@nitm.ac.in

Important Dates
Digest Submission Open
05 September 2025

Digest Submission Closing
~~05 January 2026~~
~~26 January 2026~~
15 February 2026

Paper Acceptance Notification
05 March 2026

Final Camera-Ready Paper Submission
31 March 2026

Final Registration
10 April 2026

Address:
NIT Meghalaya, Saitsohpen, Sohra (Cherrapunjee),
East Khasi Hills District,
Meghalaya – 793108, Meghalaya, India

How To Reach NIT Meghalaya, Sohra Campus

Transportation to Reach NIT Meghalaya
To reach NIT Meghalaya, Sohra, the route from the airport is given below

From Guwahati Airport
Lokpriya Gopinath Bordoloi International Airport
Sharing: Rs. 1000 Booking: Rs. 2500 - 3000 → Take a Taxi to Police Bazar, Shillong (3 Hours)
Police Bazar Shillong
Sharing: Rs. 200 Booking: Rs. 2500 - 3000 → Take a Taxi to NIT Meghalaya, Sohra (2 Hours)
Here's your Destination NIT Meghalaya Awaits You

From Guwahati Railway Station
Guwahati Junction
Sharing: Rs. 500 Booking: Rs. 1500 - 2000 → Take a Taxi to Police Bazar, Shillong (2.5 Hours)
Police Bazar Shillong
Sharing: Rs. 200 Booking: Rs. 2500 - 3000 → Take a Taxi to NIT Meghalaya, Sohra (2 Hours)
Here's your Destination NIT Meghalaya Awaits You

From Shillong Airport
Umroi Airport
Sharing: Rs. 500 Booking: Rs. 1500 → Take a Taxi to Police Bazar, Shillong (1 Hours)
Police Bazar Shillong
Sharing: Rs. 200 Booking: Rs. 2500 - 3000 → Take a Taxi to NIT Meghalaya, Sohra (2 Hours)
Here's your Destination NIT Meghalaya Awaits You

Tourist Attractions

About Cherrapunjee (Sohra): Cherrapunjee, also known as Sohra, is a high-altitude town in the northeast Indian state of Meghalaya. It's known for its living root bridges, made from rubber trees. To the northeast, Mawdok Dympep Valley Viewpoint overlooks verdant gorges. In the surrounding hills, the Noh-Kalikai, Dain-Thlen, and Kynrem waterfalls plunge from forested clifftops. South of town, Mawsmai Cave is illuminated to show its stalagmites. A notable feature of monsoon rain at Sohra is that most of it falls in the morning.

Nohkalikai Falls
https://www.meghalayatourism.in/destinations/noh-ka-likai-falls/

Living root bridges
https://www.meghalayatourism.in/destinations/nongriat-root-bridges/

The Dawki River
https://www.meghalayatourism.in/destinations/dawki-shnongpdeng/

The Khasi Monoliths
https://www.meghalayatourism.in/destinations/pynursla/

Dainthlen Falls
https://www.meghalayatourism.in/destinations/dainthlen-falls/

Seven Sister Waterfalls
https://www.meghalayatourism.in/destinations/noh-sngithiang-falls/

The Mawsmai cave
https://www.meghalayatourism.in/destinations/mawsmai-cave/

Wei Sawdong Waterfall
https://www.meghalayatourism.in/timeline/dainthlen-falls/

WELCOME TO MEGHALAYA