2026 IEEE INTERNATIONAL CONFERENCE ON

Power, Electrical, Electronics and Industrial Applications (PEEIACON 2026)

06–07 August 2026 Ahsanullah University of Science and Technology (AUST), Dhaka, Bangladesh peeiacon.org

KEYNOTE & INVITED SPEAKERS

KEYNOTE SPEAKERS

KEYNOTE 1 · DAY 1

Dr. Mohammad S. Islam
IEEE FELLOW

Chief Scientist, HL Mechatronics
Auburn, Michigan, USA

Electric Machines for Redundant Safety Critical Applications

06 Aug · 6:30–7:30 PM

KEYNOTE 2 · DAY 2

Dr. Tapan Saha
IEEE FELLOW

Professor & Leader, Power, Energy & Control Engineering, The University of Queensland, Brisbane, Australia

Energy Transition in a Renewable Energy-Dominated Electricity Grid

07 Aug · 11:00–11:45 AM

KEYNOTE 3 · DAY 2

Dr. Georges Zissis
IEEE FELLOW

Professor & Head, Light and Matter Research Team, Université de Toulouse, France · IEEE IAS President 2019–20

Smart Lighting Systems and Associated Energy Efficiency

07 Aug · 12:00–12:40 PM

INVITED SPEAKERS · DAY 2, 07 AUGUST 2026

IT 1

Dr. Nishad Mendis

Business Unit Manager – Renewables, Bureau Veritas, Australia; Chair, IEEE IAS Education Dept.

Powering Australia's Clean Transition: The Pivotal Role of BESS

9:00 AM

IT 2

Dr. Ahmed Y. Saber

Vice President, Optimization & AI, ETAP R&D, USA; Chair, IEEE Orange County Section

Empowering Power Engineers with ETAP Electrical AI Copilot

9:30 AM

IT 3

Prof. GM Shafiullah

Professor, School of Engineering and Energy, Murdoch University, Perth, Australia

Research in Energy Sustainability and Industrial Transformation

10:00 AM

IT 4

Dr. Ravita Lamba

Assistant Professor, Dept. of Hydro & Renewable Energy, IIT Roorkee, India

Learning-Based Predictive Energy Management for Multi-Source DC Microgrids

3:00 PM

IT 5

Dr. Shama Naz Islam

Associate Professor in Electrical Engineering, Deakin University, Australia

Residential Energy Management: A Pilot Implementation Case Study in Geelong

3:30 PM

SESSION SCHEDULE & CHAIRS AT A GLANCE

SESSION	DATE & TIME	SPEAKER	SESSION CHAIR
Keynote 1	06 Aug · 6:30–7:30 PM	**Dr. Mohammad S. Islam**	Dr. AKM Ehtesanul Islam — Professor, AUST
Invited Talk 1	07 Aug · 9:00 AM	**Dr. Nishad Mendis**	Dr. Bobby Barua — Professor, AUST
Invited Talk 2	07 Aug · 9:30 AM	**Dr. Ahmed Y. Saber**	Dr. Omar Farrok — Professor, AUST
Invited Talk 3	07 Aug · 10:00 AM	**Prof. GM Shafiullah**	Dr. Taskin Jamal — Associate Professor, AUST
Keynote 2	07 Aug · 11:00–11:45 AM	**Dr. Tapan Saha**	Dr. M. Mofazzal Hossain — Professor & Pro-Vice Chancellor, Southeast University
Keynote 3	07 Aug · 12:00–12:40 PM	**Dr. Georges Zissis**	Dr. Pran Kanai Saha — Professor, AUST
Invited Talk 4	07 Aug · 3:00 PM	**Dr. Ravita Lamba**	Dr. Monjur Morshed — Professor, AUST
Invited Talk 5	07 Aug · 3:30 PM	**Dr. Shama Naz Islam**	Md. Meganur Rhaman — Professor, AUST