



International Conference on Power Electronics Smart Grid and Renewable Energy

December 18 -21, 2025 IIT Dharwad, Karnataka, India

Call for Papers

PESGRE 2025 is a biennial conference organized by IA/IE/PEL Jt. Chapter Kerala. The conference is sponsored by financially co-sponsored by IEEE Industry Applications Society, IEEE Kerala section, and IA/IE/PEL Jt. Chapter Kerala. The conference is technically co-sponsored by IEEE Power Electronics Society, Industrial Electronics Society, and Power& Energy Society. The theme of the conference is "Power Electronics and renewable energy for sustainable development" and will be held from 18-24 December 2025 at IIT Dharwad, Dharwad, India.



- Power Electronic Converters and Control Systems
- Electric Drives and Electric Vehicles
- Smart Grid & Micro grid
- Renewable energy Resources, Distributed generation and Grid Interconnection
- Energy storage & battery charging technologies
- FACTS, Custom power, Power Quality & EMI
- Wide band gap devices
- Lighting & illumination
- Power electronic education
- Modern Power systems, Energy policies & Standards

Special Sessions

The conference will include special sessions on highly specialized topic areas, reporting technical trends and breakthroughs within the scope of the conference. Special Sessions are organized at the initiative of one or more individuals, who must adhere to specific procedures published on the conference website.

Student & Young Professional Activities

The S&YP Activities enables engineering students and young professionals to present their R&D work in Industrial Electronics, and to help them develop networking connections. IES S&YP can take part in a competition for the IES-S&YP Paper Assistance during submission process. For more details, please visit IES electronics channels.









Paper Submission

Prospective authors are invited to submit full papers to www.pesgre2025.org. Accepted, registered, and presented papers will be IEEE copyrighted and published in the conference proceedings. For the accepted paper to be included in IEEE Xplore® Digital Library, all of the following requirements must be satisfied: 1) Appropriate publication materials: final paper and transfer of copyright to IEEE. 2) At least one full registration should be paid. 3) Papers must be presented at the conference.

Important Dates:

Submission Open: 15th April 2025

Paper Submission Deadline: 15th June 2025

Call for Special Sessions: 15th April 2025

Deadline for Special Session Proposals: 15th May 2025

Notification of Paper Acceptance: 15th August 2025

Final Camera-ready Paper: 15th September 2025





International Conference on Power Electronics Smart Grid and Renewable Energy

December 18 -21, 2025 IIT Dharwad, Karnataka, India

Organizing Committee

Honorary Chairs

Andy Knight, President, IEEE IAS
Brad Lehman, President, IEEE PELS
Milos Manic, President, IEEE IES
Shay Bahramirad, President, IEEE PES
Muhammed Kasim S, Chair, IEEE Kerala Section
Vasanthi V, Chair IA/IE/PELS Jt. Chapter Kerala Section

General Chair

Satish Naik Banavath, IIT Dharwad, India

Co-General Chairs

Dmitri Vinnikov, Tallinn University of Technology, Estonia Sheldon Williamson, Ontario Tech University, Canada

Technical Program Chairs

Abhijit Kshirsagar, IIT Dharwad, India Andrii Chub, Tallinn University of Technology, Estonia Rajendra Singh, Clemson University, Clemson USA

Publication Chairs

Srinivas Bhaskar Karanki, IIT Bhubaneswar, India Amarkumar Ayodhyasingh Kushwaha, IIT Dharwad, India Jaison Mathew, Government Engineering College Thrissur, Kerala, India

Publicity Chairs

Animesh Kumar Sahoo, IIT Dharwad, India Naga Brahmendra , IIT Palakad, India Bijuna Kunju K, TKMCE, Kollam

Finance Committee Chairs

Satish Naik Banavath, IIT Dharwad, India Prathyasa Bhui, IIT Dharwad, India Nandan S

Special Session Chairs

Deepak Ronanki, IIT Madras Sertac Bayhan, Hamad Bin Khalifa University, Qatar Sairaj Dhople, University of Minnesota, USA

Students and Young Professional Chair

Edivan Laercio Carvalho da Silva, Tallinn University of Technology, Estonia Sai Ram Boggavarapu, IIT Dharwad, India

International Advisory Board

A K Srivasthava, IIT Kanpur, India

Amit Kumar Gupta, Rolls Royce, Singapore

Bhim Singh, IIT Delhi, India

C. Cecati, University of L'Aquila, Italy

C. Chakraborty, IIT Kharagpur, India

Chun Che Fung, Director, IEEE R10

Drazen Dujic, École Polytechnique Fédérale de Lausanne

- EPFL, Switzerland

Enrique Romero Cadaval, University of Extremadura,

Badajoz, Spain

F. Flores, Universidad Andres Bello, Chile

Frede Blaabjerg, Aalborg University

G. Bhuvaneswari, Mahindra University, India

Gopakumar K, IISc Bangalore, India

Holtz, University of Wuppertal, Germany

J. Rabkowski, Warsaw University of Technology, Poland

Johann W. Kolar, ETH Zurich, Zurich, Switzerland

John D. McDonald, GE's Grid Solutions business, USA

Joseph Ojo, Tennessee Technological University

Kaushik Rajashekara, University of Houston, Texas, USA

L Umanand, IISC Bangalore, India

Mariusz Malinowski, Warsaw University of Technology,

Poland

Pragasen Pillai, Concordia University, Canada

Prasad Enjeti, Texas A&M University, USA

S S Murthy, BoG Member, IIT Dharwad

Subba Reddy B, IISc Bangalore

S. Norrga, KTH Royal Institute of Technology, Sweden

S. Pinto, University of Lisboa, Portugal

Saifur Rahman, Advanced Research Institute at Virginia Tech, USA

Sameer S M, Secretary, IEEE R10

Samir Kouro, Universidad Tecnica Federico Santa Maria

Valparaiso, Chile

Sanjib Panda, NUS Singapore

Suresh Nair, Immediate past chair, IEEE India Council

Vivek Agarwal, IIT Bombay, India

V. Fernão Pires, Polytechnic Institute of Setubal, Portugal