

CALL FOR PAPERS



IEEE INTERNATIONAL CONFERENCE

ON

Intelligent Power, Energy and Sustainable Systems (IIPESS 2027)

Theme: *Intelligence Powering Sustainability*

March 26-28, 2027

Organized by

DR B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY, JALANDHAR
DEPARTMENT OF ELECTRICAL ENGINEERING



About Conference

IIPESS 2027 will be hosted by Dr. B. R. Ambedkar National Institute of Technology, Jalandhar, India, bringing together a global community of innovators and thought leaders in power and energy systems. The conference has been approved as an IEEE and Industrial Electronics Society (IES) technically co-sponsored event and is scheduled to be held from 26th to 28th March 2027. The conference aims to provide a vibrant platform for academicians, researchers, industry professionals, and students to exchange ideas and showcase cutting-edge advancements in power systems, power electronics and drives, signal processing, and AI/ML. IIPESS 2027 is designed to foster collaboration, innovation, and knowledge exchange, addressing contemporary challenges in energy systems. It will serve as a catalyst for discussing developments in next-generation intelligent and sustainable energy solutions, supporting the global vision of a reliable, secure, and low-carbon energy future.



Technical Tracks

- Track 1:** Power System Protection, Operation, Control, Security
- Track 2:** Advanced Power Electronics and Drives
- Track 3:** Energy storage Technologies, Electric Vehicles, and Future Transportation.
- Track 4:** Advancements in Smart Grids, Microgrids, and Nano-grids
- Track 5:** Signal Processing and Instrumentation for Power and Energy Systems
- Track 6:** Artificial Intelligence (AI) and Data-driven applications for Power and Energy Systems
- Track 7:** Recent developments in High Voltage Engineering
- Track 8:** Sustainable and Renewable Energy Technologies



Important Dates

Paper Submission Open:

Aug 14, 2026

Paper Submission Close:

Dec 15, 2026

Acceptance Notification:

Dec 25, 2026

Final Manuscript & Copyright Submission :

Jan 15, 2027

Early Bird Registration Open

Dec 27, 2026

Early Bird Registration Close:

Feb 1, 2027

Conference Dates:

March 26 to 28, 2027

Conference Objectives

- To provide a global platform for exchanging recent advances in power and energy systems.
- To promote innovation in power systems, power electronics, signal processing, and AI/ML.
- To strengthen academia-industry collaboration and research networking.
- To address challenges in intelligent, sustainable, and low-carbon energy systems.
- To facilitate knowledge sharing and development of next-generation energy technologies.

Publications

All accepted and presented papers will be submitted for publication in Xplore® Digital Library (subject to meeting IEEE scope and quality requirements)

IEEE Xplore®
Digital Library

In Collaboration with



Key Topics Included (But not limited to)



Smart Grid & Power Systems



Renewable Energy & Sustainable Technologies



Power Electronics & Electric Vehicles



AI, IoT & Intelligent Computing



Robotics & Automation



Cybersecurity & Next-Generation Computing



Paper Submission QR & Link

<https://cmt3.research.microsoft.com/User/Login?ReturnUrl=%2FIIPESS2027%2FSubmission%2FIndex>

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