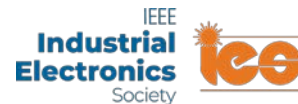




**IEEE International
Conference on Power
Electronics and
Energy (ICPEE 2025)**



Special Session 08 (SS 08)

SS 08: Intelligent Microgrid Control: Advances in Controllers and Computing

Organized and co-chaired by:

Organizer 1:

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Call for Papers

Technical Outline of the Session:

The primary idea of this special session is to improve microgrid management and operation by leveraging advanced computing technology and smart control devices, which will result in more sustainable, dependable, and efficient energy systems. This session will offer a productive platform for sharing knowledge and skills among academicians, engineers, and researchers regarding the latest advancements in microgrid technology. A variety of microgrid-related issues will be covered in this special session, which focuses on various microgrid topologies.

Topic of the Session includes, but are not limited to:

- ❖ Design of Electric Vehicle Charging System for a Renewable sources integrated micro-grid
- ❖ Power management and control in a PV, EV, battery and super capacitor integrated Microgrid
- ❖ Control and Stability analysis of Renewable integrated Microgrid
- ❖ Microgrid System Design and control
- ❖ Microgrid protection

Important Dates:

Special Session Paper Submission Due Date: 15.08.2025

Notification of Paper Acceptance Date: 31.08.2025

Camera Ready Paper Submission Due : 15.10.2025

Author guidelines areas per regular paper submission.

IEEE Template

Submission Portal

<https://icpee.kiit.ac.in/special-sessions/>

For queries, email: icpee.kiit@gmail.com