



IEEE-International Conference on Electrical and Electronics for Sustainable Innovations 2026 (ICEESI 2026)
(Hybrid Conference with IEEE Record Number #68020)
27th & 28th March 2026

Special Session on

SS 03: Optimization-Driven Advances in Power and Communication Systems for Smart and Sustainable Technologies

Organized & Co-Chaired by:



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CALL FOR PAPERS

This special session brings together experts, researchers, and practitioners from Electrical Engineering and Electronics & Communication Engineering to explore advanced optimization techniques, intelligent control strategies, and innovative design approaches for modern power and communication systems. The session aims to highlight interdisciplinary approaches that integrate power system optimization, transmission line protection, electric vehicles, antenna design, and communication networks to address the challenges of efficiency, reliability, and sustainability in next-generation technologies.

TOPICS OF INTEREST, BUT NOT LIMITED TO:

We invite original research contributions and case studies on (but not limited to):

- Power System Optimization – Techniques for load frequency control, congestion management, and system reliability.
- Smart Grid Protection & Control – Modern approaches for secure and efficient transmission line operation.
- EV Integration & V2G Systems – Challenges and opportunities in electric vehicle-based energy systems.
- Advanced Antenna Design – Compact and efficient antennas for modern communication applications.
- Communication in Energy Systems – Role of IoT and wireless technologies in smart power networks.
- AI & ML Applications – Intelligent solutions for optimization, prediction, and control in EE/ECE.
- Cyber-Physical Systems – Security, monitoring, and control of interconnected power-communication networks.
- Sustainable & Resilient Technologies – Green energy solutions and robust designs for future power and communication systems.

IMPORTANT DATES:

Paper submission opens: July 25, 2025
Paper submission closes: December 15, 2025
Paper acceptance notification: January 01, 2026
Early Bird Registration opens: January 02, 2026
Last date of Early Bird Registration: January 31, 2026
Normal Registration opens: February 01, 2026
Last Date of Camera-ready paper submission: February 15, 2026
Last Date of Normal Registration: February 16, 2026
Conference Date: 27-28 March 2026

The detailed information can be found here:

Conference URL: <https://iceesi2026.opju.ac.in/>

Submission Link: <https://cmt3.research.microsoft.com/ICEESI2026>

(Please Submit Under SS03: Optimization-Driven Advances in Power and Communication Systems for Smart and Sustainable Technologies Tab).

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