International Conference on
Smart Technologies for Energy, Sustainability & Industry (STESI)
July 22-23, 2026
Department of Electrical Engineering, Manipal University Jaipur

Special Session ID	SS-07
Title	Computational Intelligence and AI for Energy-Efficient Industry 4.0 Systems
Tentative Topics	1. AI and Machine Learning for Energy-Efficient Smart Manufacturing 2. Computational Modeling and Optimization of Industrial Energy Systems 3. Digital Twins for Energy-Aware Industry 4.0 Applications 4. Predictive Maintenance and Intelligent Energy Management 5. Energy Forecasting and Demand Response in Industrial Systems 6. Cyber-Physical Systems and Industrial IoT for Sustainable Industry 7. Low-Carbon and Net-Zero Industrial Technologies using AI 8. Case Studies and Industrial Implementations of Energy-Efficient AI Systems

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