

Objective

The ICSESGET-2026 conference aims to serve as a premier platform to explore advances in renewable energy integration, smart grids, electric mobility, power electronics, and energy-efficient electrical technologies. As the world transitions toward clean, resilient, and low-carbon power systems, this event brings together thought leaders to share insights that drive innovative, scalable, and practical solutions for a sustainable energy future.

Conference Theme

- ✦ Green Energy Technologies for Power Generation, Transmission, Distribution, Energy Conversion, and Storage
- ✦ Advanced Microgrid, Smart Grids and Renewable Energy Integration, Protection Schemes, Power System Monitoring, Control and Energy Management
- ✦ Role of Evolutionary Algorithms/ AI/ML/IOT Technologies for Green Energy
- ✦ Challenges, Solutions, Advances and Applications in Green Energy & other Areas of Energy.
- ✦ Application of Power Converters for Renewable Energy Systems, Simulation and Modeling of renewable energy systems
- ✦ Battery Technology, Battery Management System, Demand Side Management, Electric Vehicles, HVDC and FACTS, & Development/Manufacturing for smart technologies-based products.

About the Institute

Prasad V Potluri Siddhartha Institute of Technology, established in 1998, is a pioneering self-financed institution known for its academic excellence and discipline. The college is sponsored by Siddhartha Academy of General and Technical Education, which manages 18 reputed educational institutions across diverse domains. The campus is situated in Kanuru, Vijayawada, covering an area of 19.98 acres, well connected by rail, road, and air. The infrastructure includes a monolithic RCC structure with a built-up area of 36,537 sq. meters, fully equipped with modern laboratories and academic resources. The institution is autonomous, approved by AICTE, permanently affiliated to JNTUK Kakinada, and accredited by NAAC with an A+ grade. All undergraduate programmes are accredited by NBA. It is an ISO 21001:2018 certified institution recognized for its high quality standards. The UGC has granted 2(f)/12(B) status, and the Government of Andhra Pradesh has conferred an A grade. PVPSIT ranks in the 101-150 band in the NIRF Innovation category.

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International Conference on Sustainable Energy Systems and Green Electrical Technologies (ICSESGET 2026)

24 & 25 October 2026

Hybrid Mode



Organized by
Department of
Electrical and Electronics Engineering
Prasad V. Potluri
Siddhartha Institute of Technology
Kanuru, Vijayawada, Andhra Pradesh, India.
www.pvpsiddhartha.ac.in

About the Department

The Department of EEE was started in 2001 with an annual intake of 60 at UG, was increased to 90 and to 120 in 2007 and 2011 respectively. It has a carpet area of 2074sq.m. and the cost of the equipment in laboratories is around Rs. 1,55,07,479/ The Department is accredited by the National Board of Accreditation (in 2007,2013,2016,2019,2022) and AICTE and has been certified by ISO 21001:2018. It has well established instructional facilities at laboratories viz. Electrical Machines, Networks, Electrical Measurements, Power Electronics, Control Systems, Simulation of Electrical Systems, Micro Processor and Microcontrollers, Power Systems & Calibration Lab. The faculty of the Department have been working rigorously by undertaking advanced research projects. 9 Faculty members out of 19 have doctoral degrees and 10 members are pursuing Ph.D. Alumni interactive sessions, technological events, Energy Conservation Day, etc. are being organized by the department. The students have been trained in the latest software - MAT Lab, PSCAD, PSIM, PSPICE, Mi Power and hardware device such as MY RIO are provided to meet the demands of the industry to meet the demands of the industry. The students are always encouraged to participate in workshops, conferences, extra- and co-curricular activities. Students are fortified with state-of-art skills through short-term hands-on training course Sponsored by AP Skill Development centre in collaboration with Siemens to meet current industry needs.

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Call for Papers

ICESGET-2026 invites original research papers, review articles, and case studies that contribute to sustainable energy systems and green electrical technologies. Papers should align with the conference's key themes and showcase new findings, methodologies, or applications in sustainable energy.

Topics of Interest

Topics of interest for ICSESGET-2026 include, but are not limited to:

- ✚ Renewable and Sustainable Energy Systems
- ✚ Smart Grids, Microgrids, and Energy Management Systems
- ✚ Power Electronics Applications in Green Energy
- ✚ Energy Storage Systems and Battery Management
- ✚ Electric Vehicles, Hybrid Vehicles, and Charging Infrastructure
- ✚ AI, Machine Learning, and IoT Applications in Power Systems
- ✚ Power System Protection, Monitoring, and Control
- ✚ HVDC, FACTS, and Flexible Power Transmission
- ✚ Green Electrical Technologies and Energy Efficiency
- ✚ Policy, Economics, and Regulatory Frameworks for Clean Energy Transition

Registration

Important Dates

Submission of Full Paper: September 1, 2026

Notification of Acceptance / Revision Notification: September 20, 2026

Revised Paper Submission: September 28, 2026

Early Bird Registration: Before October 5, 2026

Late Registration Ends: October 15, 2026

Conference Dates: October 24 & 25, 2026