Objective

The aim of REEST 2026 is to provide a global platform for researchers, academicians, industry leaders, and students to exchange knowledge and present innovative developments in the areas of renewable energy, environmental sustainability, green transportation, and sustainable technologies.

Conference Theme

- **Renewable Energy:** Solar photovoltaic and thermal energy systems, Wind energy technologies and offshore wind farms, Bioenergy and biomass conversion technologies, Hydropower and ocean energy, Geothermal energy exploration and applications, Hydrogen production, Smart grids and renewable energy integration
- **Environment & Sustainability:** Climate change mitigation and adaptation strategies, Sustainable urban planning and green buildings, Environmental pollution monitoring and control, Waste management and recycling innovations, Water conservation, desalination, and wastewater treatment, Sustainable agriculture and food security, Life cycle assessment and carbon footprint reduction
- **Emerging Technologies & Innovation:** Energy storage systems, Artificial intelligence and machine learning in energy systems, IoT and digital twin applications for smart cities, Blockchain and renewable energy trading platforms, Green hydrogen economy and carbon capture technologies, Electric vehicles, charging infrastructure, and mobility solutions, Circular economy and sustainable manufacturing.

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 101â€ “150 band in the NIRF Innovation category.

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International Conference on Renewable Energy, Environment and Sustainable Technology

(REEST 2026)

24 & 25 April 2026 (Tentative)

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 9001:2015. 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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Keynote Speakers

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Call for Papers

REEST-2026 invites original research papers, review articles, and case studies that contribute to advancements in Renewable Energy, Environment and Sustainable Technology. Papers should align with the conference's key themes and showcase new findings, methodologies, or applications in sustainable energy.

Topics of Interest

- Green Energy Technologies for Power Generation, Transmission, Distribution, Energy Conversion, and Storage
- Artificial Intelligence, IoT, and Data Analytics in Energy & Environment
- Advanced Microgrid, Smart Grids and Renewable Energy Integration, Protection Schemes, Power System Monitoring, Control and Energy Management
- Artificial Intelligence, IoT, and Data Analytics in Energy & Environment
- Electric Vehicles, Hybrid Vehicles, and Charging Infrastructure
- 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.
- Policy, Economics, and Regulatory Frameworks for Clean Energy Transition

Registration

Important Dates

Submission of Full Paper: February 10, 2026
Notification of Acceptance / Revision Notification: February 20, 2026
Revised Paper Submission: February 28, 2026
Early Bird Registration: Before March 5, 2026
Late Registration Ends: April 15, 2026
Conference Dates: April 24 & 25, 2026