One Week Online Faculty Development Programme on Recent Trends & Best Practices in Engineering and Technology

16th – 22nd March 2026

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

About SAGTE: Established in 1975 by visionary philanthropists, the Siddhartha Academy of General and Technical Education (SAGTE) manages 18 institutions — from schools to postgraduate colleges — spanning engineering, medical, management, and general degree programs. Known for disciplined academic culture, excellent infrastructure, and emphasis on values and social responsibility.

About PVPSIT: Established in 1998, PVPSIT is a premier autonomous institution affiliated to JNTUK, Kakinada. Accredited by NAAC with **A+ grade** and NBA, ISO 21001:2018 certified, the institute is committed to excellence in teaching, research, and innovation with a strong placement record.

About the Department: The EEE Department, established in 2001 and NBA accredited, offers a comprehensive B.Tech program with experienced faculty, advanced laboratories, and industry collaborations. The department fosters ethical, competent professionals ready to tackle global energy challenges.

Chief Patrons
Sri. M. Rajaiah, President, SAGTE
Sri. P. Lakshman Rao, Secretary, SAGTE
Sri. V. Nagabushana Rao, Convenor, PVPSIT

Patron
Dr. K. Sivaji Babu, Principal, PVPSIT

Convenor
Dr. Ch. Padmanabha Raju, Professor & Head, EEE Dept.

Coordinators
Dr. C. Kumar, Associate Professor
Dr. J. Hema Latha, Sr. Asst. Professor
Dr. B. Baddu Naik, Asst. Professor

Organizing Committee
Dr. M. V. Ramesh | Dr. N. Vijaya Anand | Dr. D. Ragaleela | Dr. B. Bala Saibabu | Dr. M. Seshu | Dr. V. S. G. Lakshmi | Dr. M. Devika Rani | Ms. K. Bhavana | Ms. G. Madhavi | Mr. M. Hemanth Sai | Mr. B. Mohan | Mr. T. Srinivasa Rao | Mr. P. Karunakar | Ms. V. Harika

Introduction

This FDP aims to enhance faculty knowledge and professional competencies by exposing them to emerging technologies and innovative practices. The programme focuses on artificial intelligence, smart systems, sustainable engineering, cybersecurity, and digital transformation — providing a platform to update technical skills, integrate industry-relevant practices into teaching and research, and foster innovation for modern engineering education.

Objectives

- Familiarize faculty from all engineering disciplines with recent trends and emerging technologies
- Enhance interdisciplinary knowledge in Electrical, Mechanical, Computer, Civil, and allied fields
- Promote adoption of best practices in teaching, research, and professional development
- Encourage integration of industry-oriented tools, standards, and methodologies
- Strengthen research capabilities, innovation, and collaborative problem-solving
- Support outcome-based education and improve overall academic and technical competency

Outcomes

- Updated knowledge of recent trends and emerging technologies across all engineering disciplines
- Enhanced interdisciplinary understanding among Electrical, Mechanical, Computer, Civil, and allied branches
- Improved teaching effectiveness through modern pedagogical tools
- Strengthened research orientation, innovation skills, and industry-academia linkage
- Increased capability to integrate advanced technologies into curriculum delivery
- Overall improvement in professional competency, technical confidence, and academic productivity

Topics to be Covered

- Recent Trends in Engineering & Technology
- AI and Machine Learning Applications
- IoT and Smart Systems
- Industry 4.0 & Smart Manufacturing
- Power Electronics, Renewable Energy & Smart Grids
- Robotics, Automation & Control Systems
- Data Science, Cloud Computing & Cybersecurity
- Digital Twins & Simulation Tools
- Sustainable & Green Engineering Practices
- Best Practices in Teaching-Learning, Research & Innovation

Resource Persons

Sessions will be handled by experts from academia, research organizations, and industry at National and International levels.

Dr. Ravindranath Adda
IIT Guwahati

Dr. Varun Gopi
NIT Tiruchirappalli

Dr. B. Chandrababu Naik
NIT Tiruchirappalli

Dr. K Venkata Rao
NITTTR Kolkata

Dr. Ganapathi
NITTTR Bhopal

Dr. L S Raju
NITTTR Bhopal

Dr. Basavaraja Banakara
VTU, Karnataka

Dr. D. Vinay Kumar
American International University, Kuwait

Dr. B. Ratna Sunil
Prince Mohammad bin Fahd University (PMU), Saudi Arabia

Eligibility & Registration

Who Can Apply?

Faculty members, Research scholars, and PG Scholars of AICTE approved institutions and Industry Personnel are eligible.

No Registration Fee

Last Date of Registration: 15-3-2026
Commencement of FDP: 16-3-2026

Date(s) of FDP: 16th - 22nd March 2026

Forenoon Session: 10.00a.m.-12.00Noon

Afternoon Session: 2.00p.m.-4.00p.m.

Register Now

Register using the link or QR Code below:

https://forms.gle/BJ5XDyQRXCIyvvAz8

Contact Us

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