

AMPERE

NEWSLETTER

Department of Electrical and Electronics Engineering

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ADITYA ENGINEERING COLLEGE (A)

**APPROVED BY AICTE, PERMANENTLY AFFILIATED TO JNTUK,
ACCREDITED BY NBA & NAAC with 'A++' GRADE Recognized by UGC under section 2(f) and
12(B) of UGC Act, 1956 Aditya Nagar, ADB Road, Surampalem 533437, Kakinada Dist.**



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ABOUT THE DEPARTMENT

Established as one of the major departments of the Institute, the Department of Electrical and Electronics Engineering at Aditya strives to produce highly competent engineers equipped with advanced professional knowledge, entrepreneurial thinking, professional and ethical attitude, critical problem solving and analytical skills through effective teaching learning process, research and industrial collaboration.

The faculty of the department, a rich blend with academic and industrial experience, have been constantly carrying out research on many cutting edge technologies with regular publications in ELSEVIER and other top international journals. The academic quality of the department is reflected by the laurels won by the students and the distinguished positions in industry and academia occupied by alumni. The department strives to upgrade the knowledge of faculty and students by organizing various Workshops, Industry-Institute Interactions, Continuous Improvement Programs inviting eminent personalities from Industry and academic Institutions, Seminars and Research activities. Students are provided internship programs in various power plants and industries like Reliance, SAIL, HPCL, GMR, GVK, VTPS, Vizag steel plant, ONGC, APGPCL, APEPDCL etc.

The department spares no expense to equip the labs with latest equipment like Three phase AC Integrated Machine, DC Integrated Machine, Wireless Transmission of Electric Power using Tesla Coil and technical software like MATLAB & P-Spice.

VISION

To excel in electrical education, research, and technology in tune with societal needs.

MISSION

M1 :

Impart quality education and entrepreneur skills.

M2 :

Provide cutting edge technologies for research and sustainability in collaboration with industry.

M3:

Nuture professional ethics and lifelong learning in tune with societal needs.

FACULTY PUBLICATIONS

[1.] N. Rambabu, "Inertia Emulation Control Strategy of an Accurate Model of HVDC Link in a Multi-area Automatic Generation Control System Integrated Precise Wind Turbine System", Iranian Journal of Science and Technology, Transaction of Electrical Engineering, July 2023.

[2.] N. Rambabu, "Real-time validation of an automatic generation control system considering HPA-ISE with crow search algorithm optimized cascade FOPDN-FOPIDN controller", Archives a Control Sciences, Vol.33, No.2, July 2023.

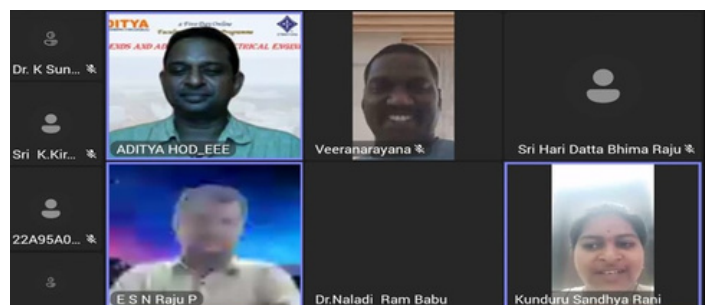
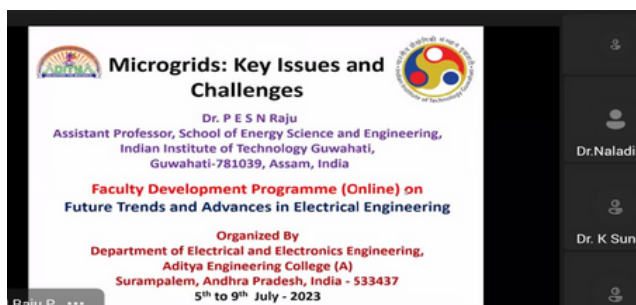
[3.] N. Rambabu, "Optimal location of FACTS devices in LFC studies considering the application of RT-Lab studies and emperor penguin optimization algorithm", Journal of Engineering Research, Vol. 11, No.2, June 2023.



[4.] Ch. Govinda, "Mitigation of Cross Coupling Effects in Series Configuration of PV D-MPPT Architecture with SEPIC Converter", International Conference on Advanced & global Engineering Challenges, Aditya Engineering College (A), Surampalem, 23-24, June 2023.

FACULTY DEVELOPMENT PROGRAM

Department of EEE organized a Five-Day online Faculty Development Program on "Future Trends and Advances in Electrical Engineering. The Guest Speakers are from various IIT, NIT, MNIT & industries Conducted from 05-07-2023 to 09-07-2023. ". In order to contribute to the Department mission, FDP is organized to bring awareness among the students and faculty regarding the concepts of various advanced technologies in Electrical Engineering.



INTERNATIONAL CONFERENCE



IEEE International Conference on Advanced and Global Engineering Challenges

A conference has been organized by the Department of EEE to invite faculty, research mentors, and scholars with high-quality research papers on Advanced and Global Engineering Challenges. The primary goal of the conference is to change the ideas in the existing areas, encourage academic and industry interaction to promote collaborative research activities involving scientists, engineers, professionals, researchers and students on Recent Development in Electrical and Electronics Engineering on 25/06/2023.



PLACEMENTS

OUR MAJOR RECRUITERS



“
V.Santhosh Kumar
21A95A0241
TCS(3.6LPA)
 ”



“
M.Supriya
19A91A0260
ABB (8.5LPA)
 ”



“
K.Kiran Bharti
19A91A0234
ABB(8.5LPA)
 ”

“
K.Lakshmi Anusha
19A91A0233
ABB(8.5LPA)
 ”

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