

# AMPERE

## NEWSLETTER

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**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**



**ADITYA ENGINEERING COLLEGE**

**APPROVED BY AICTE, NEW DELHI AND AFFILIATED TO JNTUK**

**Aditya Nagar, ADB Road, SURAMPALAM-533437, Near Kakinada, E.G. Dist., ph:99498 76662**

**Recognized by UGC under the sections 2(f) and 12(B) of UGC act 1956**

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# ABOUT OUR 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 OF THE DEPARTMENT

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

## MISSION OF THE DEPARTMENT

### MISSION 1 :

Impart quality education and entrepreneur skills.

### MISSION 2 :

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

### MISSION 3:

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



DEC - FEB 2023

# PUBLICATIONS

EEE DEPARTMENT

## FACULTY PUBLICATIONS AND CONFERENCES ATTENDED

### International Journal

N. Rambabu, "Bird Swarm Algorithm Optimized TIDD Controller for Multi-area Load Frequency Control Application", SN Computer Science, Jan 2023.

### Scopus Indexed International Conferences

K. Sandhya Rani, "Implementation of Nearest Vector Control and Nearest Level Control for Three phase, Five Level CHB MLI with WAVECT Controller", International Conference on Recent Trends in Microelectronics, Automation, Computing and Communication Systems, VNR Vignana Jyothi Institute, HYD, 28-30 Dec 2022.

V. Srinivasa Rao, "Taxonomy on DSP based Islanding Detection Techniques in Micro Grid", 5th international Conference on Smart Systems and Inventive Technology, Francis Xavier Engineering College, Tirunelveli, 23-25 , Jan 2023.

# Sankranti Sambaralu



On the occasion of Sankranti Aditya educational institution has organized various programs like rangoli competition, dancing, singing, traditional dress competition. on 3rd and 4th January conducted many games like blind folding, kite competition, quiz competition on Telugu culture on 10th January Sankranti celebrations were inaugurated by our honorable chairman N.Sesha Reddy and his family all the members of Aditya family have actively practiced in all the programs and enjoyed a lot.

Peddada panduga (sankranti) is one of the most auspicious festival in india.it is celebrated mainly by Hindu community. it is celebrated in many states by different names. in the western states the festival called Lohri.



sankranti day is dedicated to lord sun.it also refers to a specific solar day in the hindu calendar.

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