



Institution Making Students Ready for "Industry 4.0"

*Editorial
Board*

Editor in Chief

Prof.Y.Mohamed Badcha,
Asso. Prof / EEE

Members

1. **Dr. G. Sundararajan,** Asst. Professor (Sr.G) / EEE
2. **Mr. S. Karthikeyan,** Asst. Professor / EEE

Student Members

1. G.Kiruthika Sri, III year/EEE
2. S.Lisha, III year/EEE
3. J.Rajan, IV year/EEE



INDEX

- ✚ Editorial Board
- ✚ Vision and Mission
- ✚ Major Event
- ✚ Student's Achievements
- ✚ Faculty's Achievements



- To provide students with high quality education so that they are well prepared to become high caliber Electrical and Electronics Engineers, and it aspires to grow to the level of gaining global recognition.



- To develop competent technocrats who strive continuously in pursuit of professional excellence in the field of Electrical and Electronics Engineering.



- To develop and sustain a culture of research while promoting values, ethics and professionalism.
- To offer well balanced curriculum to help students acquire professional competencies and to arrange placements for students.
- To develop state of art infrastructure and research for effective teaching learning process.
- Strengthening of soft skills especially for rural students through co-curricular and extra-curricular activities.

MAJOR EVENTS

Our college has been Celebrated
Women's day on
08.03.2025

The poster is for an event titled "WOMEN RIGHTS PROTECTION CELL ORGANIZES international WOMEN'S DAY". It features the college's name "J.J. COLLEGE OF ENGINEERING AND TECHNOLOGY" and "SOWDAMBIKAA GROUP OF INSTITUTIONS" at the top. Accreditation logos for AICTE, Anna University, ISO 9001, and NAAC (A Grade) are present. The event details are: Date: 8th March 2025, Time: 03:00 pm - 05:00 pm, Venue: Sir CV Raman Hall, APJ Abdul Kalam Block. The convener is Dr. Malathi P. The poster includes illustrations of a woman's silhouette, a raised fist, and a group of women.



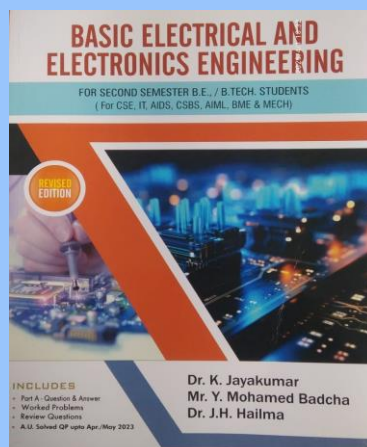
STUDENT'S ACHIEVEMENTS



Akalya second year student successfully completed the workshop on YOI ROBOTICS, Robot – As – A – Service (Raas) with IoT. This prestigious workshop was conducted by PRAGYAN'25, National Institute of Technology, Trichy (NITT)

Faculty's Achievements

- **Dr.P.Balakrishnan**, Professor of Electrical and Electrical Engineering has published Journal on the title of “Improving Prediction of Anti Reflective film Coated PV Solar Panel Efficiency by Integrating Bayesian with Machine Learning Algorithms” in the **Acta Scientiarum (SCI)**.
- **Mrs.AR.Manjula Devi** has published a journal entitled advanced energy management and power quality enhancement in hybrid fuel cell-battery-super capacitor micro grids using snow ablation optimizer-robust variational physics informed in **Journal of Energy storage**.
- **Mr.P.John Britto**, Assistant professor of Electrical and Electrical Engineering has published patent entitled AI systems enhancing the efficiency and management of renewable energy grids
- **Mr.S.Karthikeyan** Assistant professor of Electrical and Electrical Engineering has published patent entitled IoT devices optimizing energy use and management in smart home environments.



- **Dr. K. Jayakumar** (HOD & Dean) and **Mr. Y. Mohamed Badcha** published the **Basic Electrical & Electronics Engineering (BEEE)** book with Maruthi Publications.