



# NEWSLETTER



S.A.Engineering College



**OCTOBER 2023**

## ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering was established in the year 2001 and got permanent affiliation with Anna University in 2013. The Post Graduate Programme M.E.Embedded System Technologies (EST) was established in the year 2006. The department has dedicated and well expertised Faculty members. The faculty members publish papers periodically in reputed journals indexed by WOS, SCI and Scopus. The curriculum and syllabus is updated periodically as per the recommendation of board of studies to ensure enriched knowledge in recent trends.

The Department has well equipped laboratories viz. Electrical Machines Lab, Engineering Practices Lab, Control and Instrumentation Lab, Power Electronics Lab, Electron Devices and Circuits Lab, Linear and Digital Integrated circuits lab, Renewable Energy Systems Lab, R&D Lab. They are upgraded from time to time to provide adequate opportunities for students to learn and innovate.

Our Department promotes the professional skills of students through societies like Indian Society for Technical Education (ISTE) and Institute of Electrical and Electronics Engineers (IEEE). Career guidance Programme and entrepreneurship awareness Programme are also carried out through the association of EEE.

## Academic Counsellors

**Dr.G.ROHINI**

**Professor & HEAD  
Head of the Department**

**Dr.S.SENDIL KUMAR  
PROFESSOR**

**Dr.S.KAMALAKKANNAN  
PROFESSOR**





#### **VISION:**

Conferring excellent technical education with greater emphasis on quality systems, moulding persons for the National Development.

#### **MISSION:**

To enhance quality education by providing state-of-art infrastructure with committed faculty.  
To provide prerequisite skills for the needs of higher education, industries and research establishments.  
To handle socio economic challenges of society by instilling human values and ethical responsibilities.

#### **PROGRAM EDUCATIONAL OBJECTIVES:**

Bachelor of Electrical and Electronics Engineering curriculum is designed to prepare the graduates having attitude and knowledge  
To demonstrate enhanced competence for successful career in the core and allied fields of Electrical & Electronics Engineering.  
To explore challenges in higher education and research with a multidisciplinary perspective and effective communication for lifelong learning.  
To inculcate entrepreneurial skills, upholding professional ethics, cultural aspects, societal and environmental factors for sustainable development.  
To adapt evolving technologies and stay contemporary to cultivate leadership quality through effective collaboration.

#### **PROGRAM SPECIFIC OUTCOMES**

##### **Students will be able to:**

Utilize coherent theoretical and practical methodologies to design and implement Electrical and Electronics systems.

Assimilate facts of basic Electronics to Power Electronics and recent embedded technologies for governing, consistent and workable Electrical and Electronics Systems.

Apply computing platform and developing software for power grids and hybridizing the new renewable energy to overcome the power demand.

# STUDENTS ACTIVITIES

## EVENTS ORGANIZED FOR STUDENTS

### GUEST LECTURE



The Guest lecture was organized by EEE Department on **ELECTROMAGNETIC THEORY** by **Dr.S.RAMAREDDY** (Dean Electrical Science, Rajalakshmi Engineering College) attended by the **2nd Year** students on **17th OCTOBER, 2023** covered the **basics of electromagnetic theory.**

The students gained the knowledge of electromagnetism and its importance in engineering.



The Guest lecture organized on  
**CHALLENGES AND OPPORTUNITIES IN SMARTGRID TECHNOLOGIES**  
by **Dr.VIJAYAKUMAR (Associate Professor, IITDM, Kanchipuram)**  
attended by the **4th Year** students of EEE Department on  
**18th OCTOBER, 2023** enclosed the techniques for sustainable  
environment and knowledge about the  
importance of energy sustainability and efficiency which was  
a valuable opportunity to the students for their future career.

# CLUB ACTIVITIES



 **S.A. Engineering College**  
(An Autonomous Institution Affiliated to Anna University Chennai)  
Accredited by NBA, MAAC 'A' Grade & ISO 9001:2005 Certified Institution 

Department of EEE  
Inaugurated

**PROJECT EXPO CLUB**

COORDINATORS: Dr. S. Bhuvaneshwari & Dr. R. Maheshwaran      DATE: 25 OCT 2023

☎ 044 26801999      ✉ saec@saec.ac.in      🌐 www.saec.ac.in

EEE Department has excitedly launched the **PROJECT EXPO CLUB** on **25th OCTOBER, 2023** inaugurated by **DR.S.RAMACHANDRAN (Principal)** and **Dr.G.ROHINI (Head of EEE Department)** which was coordinated by **Dr.S.BHUVANESWARI (Associate Professor)** and **Dr.R.MAHESHWARAN (Associate Professor)** where the students can gain the importance of innovation, creativity and collaborations through project expos. The club also develops the insights of the students in project development and teamwork.

# ONLINE CERTIFICATIONS

**Elite**

**NPTEL Online Certification**  
(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**RAJAVINU N**  
for successfully completing the course

Accreditation and Outcome Based Learning

with a consolidated score of **93** %

Online Assignments	22.08/25	Proctored Exam	71.14/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **1356**

Aug-Oct 2023  
(8 week course)

*H. Banerji*  
Prof. Haimanti Banerji  
Coordinator, NPTEL  
IIT Kharagpur

 Indian Institute of Technology Kharagpur



Roll No: NPTEL23GE46S103346065 To verify the certificate  No. of credits recommended: 2 or 3

**Elite**

**NPTEL Online Certification**  
(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**SATHYA S**  
for successfully completing the course

Accreditation and Outcome Based Learning

with a consolidated score of **91** %

Online Assignments	21.67/25	Proctored Exam	69.59/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **1356**

Aug-Oct 2023  
(8 week course)

*H. Banerji*  
Prof. Haimanti Banerji  
Coordinator, NPTEL  
IIT Kharagpur

 Indian Institute of Technology Kharagpur



Roll No: NPTEL23GE46S103343640 To verify the certificate  No. of credits recommended: 2 or 3

Our EEE Department faculties **Mrs.N.RAJAVINU (Assistant Professor)** and **Mrs. S. SATHYA (Assistant Professor)** have been awarded for successfully completing the **NPTEL** course **ACCREDITATION AND OUTCOME BASED LEARNING** scored among the top 2% and 5% which reinforces a culture of learning and growth amid the students.

# SYMPOSIUM



Our 2nd YEAR students of EEE Department  
**G.R.Ajay Kumar, B.Gokulnath, V.Gowtham, I. Hermon, D.G. Krishna Kumar**  
have participated in the paper presentation at  
**ONE DAY NATIONAL LEVEL TECHNICAL SYMPOSIUM TECTRIX-2023**  
organized by Department of Information Security,  
Institute of Computer Science and Engineering,  
SIMATS Engineering on **18th OCTOBER, 2023.**

## SPORTS ACHIEVEMENT



Our EEE Department Student **B. Vikas Raj** of **2nd Year** has secured **first place** in **ANNA UNIVERSITY ZONE-1 Table Tennis** on **9th OCTOBER, 2023** and also in **OPEN TABLE TENNIS TOURNAMENT** (open singles event) in Vellore district on **23rd OCTOBER, 2023**.