



PULSE

SAKTHI POLYTECHNIC COLLEGE

(Govt. aided and ISO certified institution)

SAKTHI NAGAR – 638 315

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

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VISION OF THE INSTITUTE

To excel in imparting Value Based Technical Education to produce industry competent engineers and socially responsible citizens.

MISSION OF THE INSTITUTE

M1: To impart transformative technical education through innovative teaching and learning methodologies.

M2: To enhance academia-industry partnership through internships and by collaborative projects.

M3: To impart requisite skills to enhance employability and entrepreneurship.

VISION OF THE DEPARTMENT

To become a center of repute and to impart high-quality technical education in the field of Electronics and Communication Engineering to develop highly competent and ethical engineers.

MISSION OF THE DEPARTMENT

M1: To create a learning environment to the students for excellence in the field of Electronics & Communication engineering.

M2: To provide ethical and value-based education through various activities addressing the societal needs.

M3: To instill self & continuous learning attitude, professional ethics and entrepreneurial skills.

M4: To strengthen the industry-institute partnership through various interactions.

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

PEO1: To prepare the students to take up careers in Communication Networking, Embedded systems, VLSI Design and Electronic manufacturing industries.

PEO2: To prepare the students to Pursue higher education and adopt the emerging trends through continuous learning.

PEO3: To prepare the students to become a socially responsible and successful entrepreneur.

PROGRAM SPECIFIC OUTCOMES (PSOS)

PSO1: Apply the fundamental concepts of electronics and communication engineering in designing various systems and applications in domains like Communication, Networking, embedded systems, and VLSI.

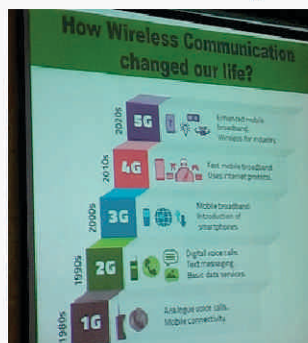
PSO2: Simulate, verify, and test electronic circuits with the state of art software tools.

DEPARTMENT STUDENTS CHAPTER ACTIVITIES:



DEPARTMENT ASSOCIATION ACTIVITIES:


Department Association meeting on
Patch Antenna conducted 05.05.2022 .
Mr G.KARTHIKEYAN,
Research Scholar , Karunya University .



The 2nd DAB meeting was conducted in the presence of Industry expert, Academic expert, Alumni, Parent, Student and the department faculty. The meeting started with a welcome address by Mr.K.Saravanan, NBA Coordinator and Lect (Sr.Gr) Dept. of ECE, extending a warm welcome to the Department Advisory Board members.



FACULTY DEVELOPMENT PROGRAM CONDUCTED BY THE DEPARTMENT:



ATAI
AICTE Training and Learning (ATAI) Academy
Online Faculty Development (FDP)
Programme on
**Internet of Things (IoT) using
Arduino & Raspberry Pi**
25.10.2021 to 29.10.2021

Sponsored by
**All India Council For Technical
Education, New Delhi**
Organized by
**DEPARTMENT OF ELECTRONICS
AND COMMUNICATION ENGE.**

SAKTHI POLYTECHNIC COLLEGE
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About IOT
The Internet of Things (IoT) is a network infrastructure that connects physical objects and software applications wirelessly, allowing them to communicate with each other and exchange data via the cloud.

About the course
This programme focuses on IoT concepts such as sensors, actuators, and communication protocols. It covers the development of Internet of Things (IoT) prototype including devices for sensing, actuation, processing, and communication to help you develop skills and experience. The Internet of Things (IoT) is a new way of connecting things. Today we live in an era of connected things. The Internet of Things (IoT) is a new way of connecting things.

Course Content

- Introduction to IoT
- Sensor Technology
- IoT Architecture
- Cloud IoT
- Security and Privacy in IoT
- IoT Applications
- IoT Security
- IoT Standards
- IoT Case Studies
- IoT Future

About the Dept of ECE
The department has well equipped laboratories and computer centre to meet the needs of the industry. The faculty members are highly qualified and well experienced in their respective fields. We are looking for new and innovative ideas in the field of ECE.



Address By Prof.ANILD.SAHASRABUDHE,
Guest Of Honor, Chairman, Aicte.

STUDENTS CORNER:



Parents meeting -2022 - III YEAR



Parents meeting -2022 - II YEAR



A guest lecture on 'Cloud Computing' was organised by the Association of ECE department on 02.12.2021. Mr Madeswaran, MCA., Infra Solution Architect, Qualcomm India Pvt. Ltd, Bengaluru and Alumni (2004 Batch) of ECE delivered the speech. Second year and Third Year ECE students participated in the program.



A forum meeting on "Patch Antenna and Its Application" was arranged on 05.05.2022 for the Second and Third Year ECE students. Mr Karthikeyan Angappan, M.E, Research Scholar, Karunya Institute of Technology and Sciences, Coimbatore addressed the gathering.



Second year and Third Year students visited the KDHP Co. Pvt. Ltd @ Munnar, Kerala as a part of their Educational activity.

Mahindra Pride Classroom conducted a one-week Hands on Training on "Internet of Things (IoT)" at our Institution from 15.03.2022 to 23.03.2022 as a part of their CSR activity. 30 students from ECE branch enhanced their knowledge by attending the workshop.



A. Lingeswaran and Keerthi Vasan of Final year ECE participated in the POLYSYM 22 project presentation held on 20.05.2022 @ Nachimuthu Polytechnic, Pollachi and won Second prize for their project IoT based Blind Robot.

Selvan S Shihabudeen and Selvi S Kaviya of II ECE participated in the in the POLYSYM 22 paper presentation contest held on 20.05.2022 @ Nachimuthu Polytechnic, Pollachi and won First Prize in the paper presentation contest on the topic ""Recent Trends in Electric vehicle""



Selvan Shihabudeen, II ECE student participated in the state level symposium conducted by Sankara Polytechnic College, Coimbatore and presented a paper on the topic "Recent Trends in Hybrid vehicles"

Kavin Prasanth and Prithvirajan of Final year ECE won third prize in the Project Expo conducted by ED cell on 30.05.2022 for their project IoT based Virtual Doctor Robot.

ALUMNI CORNER:



SENTHIL RAJA RAMASAMY

Principal Engineer/Vice President, U.S. Bank.
Atlanta, United States of America.

The constant support, guidance, and motivation from the staff, professors, HOD, and principal have made it possible for me to complete the course and pursue higher studies. During the tenure, the college ensures we get real-world experience by arranging Internships in Industries.

College's positive environment and support made students like me thrive in career and life. I would highly recommend SPC college to my friends and family.



G.ARUMUGAM , Sree Meenakshi Knitts, Thirupur

மன்னிக்கவும். கல்லூரிபற்றி..
காலங்கடந்துபார்த்தேன்!
கற்றதுபல.. கற்பித்தோர் ?
ஆகச்சிறந்த ஆசானுக்கும் அப்பாற்பட்டு
தாயாய்! தந்தையாய்! அண்ணனாய்!
நண்பனாய்! கல்வியோடு பலகலைகளையும்!
விளையாட்டோடு வெற்றிதோல்விகளையும்!
தன்னம்பிக்கையும் வளர்த்து, கல்லூரிக்குப்பின்
இப்பரந்த உலகை எதிர்கொள்ள நம்மாலும்
முடியும் எனும் வெளிச்சம்காட்டிய அனைத்து
பேராசிரியர் பெருமக்களுக்கும்
நெஞ்சார்ந்தநன்றி!

PLACEMENT:

Our students are Placed in the following reputed companies:-

