

ACHIEVEMENTS:

Indian National Academy of Engineering (INAE) - Innovative Student Project Award – 2017

Fool proof centralized voting machine using automation system

National wide, 29 projects were nominated in the academic year 2017 for final presentation after Preliminary scrutiny of final year engineering student’s project. In the final presentation, 10 projects were selected for all India level. Among them one of our student’s project titled, “Foolproof centralized voting machine using automation system” by K.Priyanka & S.Nivetha under the guidance of Dr. Gnana Kousalya M.E., Ph.D, HOD from the department of Electronics and Communication Engineering was selected for the conferment of Innovative Student Project Award 2017.



ANNA UNIVERSITY RANK HOLDERS

The department of ECE with its renowned academics has bagged 2 University Ranks in the April/May 2017



SNIGDHA.K
42ND RANK(8.7 CGPA)



DEEPA M
42ND RANK(8.7 CGPA)

PROFESSIONAL ACHIVEMENT

Ms. T. Santhoshi Gayathri, III Year, Department of Electronics and Communication Engineering were awarded professional achiever by IEEE Madras section.

TECHGIUM 2018

- Mr. M. Christen from IV ECE Finalist in Techgium challenged 9000+ students from 220 Colleges to create real world engineering solutions for industries across the world, on the successful demonstration of the proof of concept on “Multi-View Point GPU Accelerated Offline Object Tracking” Organized by L&T Technology Services Ltd.
- Ms. T. Santhoshi Gayathri , III Year, Department of Electronics and communication Engineering received a travel grant of 2000 USD from IEEE photonics Society to attend the conference IEEE photonic conference (IPC 2017) from 1/10/2017- 5/10/2017 in Orland, Florida, U.S

BEST OUTGOING STUDENT AWARD

The best outgoing students from various departments were selected based on various traits, achievements or accomplishments like CGPA, attendance, dress code, quality of the project, active participation in department activities, etc. The best outgoing students of 2013-2017 Batch are as follows:

- Ms. SNIGDHA K

EDITORS:

Staff Editor:
Mr. D. SURESH, M.E
Assistant Professor / ECE

“GREAT THINGS IN LIFE IS NEVER DONE BY A SINGLE PERSON. THEY ARE DONE BY A TEAM OF PERSON”
-Steve Jobs




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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

SPARKZ

Newsletter Volume 5 Jun17-Dec 17




Dr.C.GNANA KOUSALYA,M.E.,Ph.D
PROFESSOR & HOD



Dr.G.ROHINI,M.E.,Ph.D
.PROFESSOR & HOD

Vision:

To come forth as an eminent department in the field of electronics and communication engineering, research for providing ethical resource persons to serve the industry and society with technical excellence.



Mission:

The department strives

- To provide the best resources in teaching, learning and other educational activities which will train the student to attain his or her fullest potential in the field of Electronics and Communication Engineering.
- To inculcate technical knowledge, leadership qualities, team work and ethical practices in students so as to meet the expectations of the industry as well as the society.
- To organize exclusive courses, conferences, seminars on the current technological developments which will be an added benefit for bringing out the various talents in the students and faculties.
- To sustain connectivity with industries to get on par with the recent technologies and research.
- To foster career improvement through placements, higher education and entrepreneur skills by continuous training and guidance.

STUDENTS CORNER

INNOVATION CENTRE

HOD’S DESK:

The newsletter is a platform for sharing educational information, activities and events related to the Department. We are pleased to share some of the exciting news in the Department of Electronics and Communication Engineering over the past semester. It aims to inculcate values of basic knowledge of Engineering, science, computer, mathematical, techniques of communication skill & management which will imbibe the ability to apply the basic problem solving techniques. This is a platform to share information also you can participate by sharing your thoughts on the Departmental activities or by contributing information on the events that had been organized.

Led display using solar energy

The LED board runs in solar power hence it is energy efficient and eco-friendly. The main objective of the project is to display the announcements and college events.



The following students M.Abdul Aashik, N.Aravinth, G.Arun Kumar, C.Enoch Ribin from 3rd Year ECE made a working model of LED Display using Solar Energy which is installed in the college.

PROJECT DISPLAY

KIOSK

Kiosk is a small, free-standing physical structure that displays information and the service provided. Self-service option exists everywhere today, and campus no exception our kiosk provides solution for way finding/navigation and the whole information about our college so that our college visitors and parents find easier to navigate the location and to gather information of our college through a display. Our kiosk is 16-inch display interfaced with touch and controlled by a NUC. The kiosk is executed with java and php. The additional feature of the kiosk is, it is interfaced with the IRONBOT which is a chatterbot it is made by means of interfacing the machine learning algorithm with the kiosk with the help of the php. Thus, same processor is used for both the kiosk and the Ironbot.



Developed By

- 1. SOLOMON (IV ECE C)
- 2. GRIFFIN.V (III ECE A)
- 3. JOSHUA.D (III ECE B)
- 4. JESWANTH.G (II ECE B)
- 5. KANNIKA M (II ECE B)
- 6. HARISH KUMAR (II ECE B)

ELECTRONICS & ROBOTICS CLUB

The main objectives of our club are:

- To explain the concepts of electronics in a practical way and help them to gain knowledge.
- To provide a platform for the students to give a shape to their innovative ideas.
- To expose the students to the latest technological advancements in the field of electronics.
- To provide the students with thought provoking questions & makes them to think about it.
- To form a discussion boards on latest trends of electronics which indeed improve their communication skills

In order to motivate the student’s talent through the Department Club Activity, we have conducted various technical events for ECE Students.

ODD SEMESTER

S.NO	NAME OF STUDENTS	YEAR & SECTION	NAME OF THE EVENTS	PLACE WON
1	NAVEEN A WINSON	IV ECE-B	TECHNICAL PUZZLES	I
	MONISH KUMAR.C	IV ECE-B		
2	S.KEZIA	II ECE-B		II
	S.KEERTHANA	II ECE-B		
3	V. GOWTTTHAM	II ECE-A		III
	K.HARISH	II ECE-A		
	DEVBANANTH	II ECE-A		
	C.H.RAVI TEJA	II ECE-B		

IEEE STUDENT CHAPTER

The department strives to improve the standards of student members For the benefit of IEEE Student members; the society organizes technical meetings, technical events, and technical seminars, Conferences, Workshops and Faculty Development Programs to empower the knowledge of the students. We have also conducted various technical events for ECE.

Total Number of Student Members in IEEE= 100 Students

S.NO	YEAR	TOTAL NO OF STUDENTS
1.	IV ECE	02
2.	III ECE	50
3.	II ECE	48

Total Number of IEEE Societies are:

S.NO	NAME OF THE SOCIETY
1.	IEEE RAS
2.	IEEE EMBS
3.	IEEE BTS

Events conducted:

1. Workshop/IEEE RAS Python and Raspberry Pi Mr.Rahul Yennu ,Senior Embedded Engineer & Mr.Gokul Kumar J,Head Training and Placements, Pantech ProEd Pvt Ltd,semmancherry
2. Inauguration of Engineering in Medicine and Biological Society, Broadcasting Technology Society IEEE EMBS, BTS. -Dr.Santhanaraj Balakrishnan
3. Inauguration of Computer Society Mr. Mohan H R,Vice Chairman, IEEE Madras Section & Mr. Suresh Barola Head Operations, Barola technologies

INDUSTRIAL VISITS(ODD SEMESTER):

Industrial Visits are from time to time being arranged by our college for all the students to interrelate on a consistent basis with Industries and top software companies

S.NO	YEAR&SEC	ORGANIZATION
1.	III year (A, B & C)	Tvs Hosur Neyveli Lignite Power Corporation, Neyveli
2.	II year (A, B & C)	Ashok Leyland Trichy Airport Authority Of India , Chennai

GUEST LECTURES

Guest Lecture is a way of enriching our students with the latest updates about the rapidly developing technologies. The Students are imparted with the knowledge of Industry needs, latest technical updates, Avenues for Higher studies etc. Guest lectures by eminent personalities, academicians, leading industrialists, chief executive officers and managers are held by the department at regular intervals to provide valuable information to our students. The following are the guest lectures held:

S.NO	TOPIC	BENEFICIARIES
1.	Green Communication for Mobile and Wireless Network	II, III Year students and faculties
2.	Role of Electronics in Automobile Industries	
3.	Applied Electromagnetic For Electronics Engineer	
4.	IOT in Agriculture	
5.	4G Communication the future technology	
6.	Recent Trends in Computer Network	

NGO VISIT (2017-2018) ODD SEMESTER

CLASS	ORGANIZATION
II YEAR ECE - A	ANBU ILLAM ,VANDALUR
II YEAR ECE- B	KAAKUM KARANGAL, PALAVAKKAM.
III YEAR ECE- A	ANNAI ILLAM, REDHILLS.
III YEAR ECE- B	ANNAI ILLAM, POTHERI