ROHINI COLLEGE OF ENGINEERING AND TECHNOLOGY

ELECTROVISION 2k17

Electronics and Communication Engineering Newsletter

Academic Year 2016-17 (ODD)

WITH SO MUCH TO DO IN ROHINI CAMPUS
IT'S HARD TO DECIDE WHERE TO SPEND YOUR TIME HERE.

P A L K U L A M , K A N Y A K U M A R I - 6 2 9 4 0 1

ROHINI
COLLEGE OF ENGINEERING & TECHNOLOGY
Approved by AICTE and Affiliated to Anna University, (an ISO Certified Institution)

Department of Electronics and Communication Engineering

CHIEF PATRON	:	**Shri.K.NEELA MARTHANDAN** *Chairman*
PATRONS	:	**Dr.N.NEELA VISHNU** *Managing Director*
		Dr.V.M.BLESSY GEO *Chief Financial Officer*
CHAIR PERSON	:	**Dr. SUBRAMANION PILLAI** *Principal*
CONVENOR	:	**E.SREEDEVI** *Prof & Head,dept.of.ECE*
EDITORIAL BOARD	:	**Mr.P.BENESH SELVA NESAN** *AP/ECE* **Mr.R.V.NAGARAJAN** *AP/ECE*
STUDENT MEMBERS	:	**Mr. P.Sarath chandar,ECE** **Ms. H.Vasanth,ECE** **Ms. Rama Lakshmi,ECE** **Ms. Arockia Uma M,ECE** **Mr.Jinu Krishnan,ECE**

Department of Electronics and Communication Engineering, ROHINI College of Engineering & Technology,
Anjugramamam, Kanyakumari- 629 401, Tamil Nadu.

hodece@rcet.org.in

ABOUT DEPARTMENT

Department of Electronics and Communication Engineering has been continuously marching towards enhancement of knowledge in the field of analytical and technical skills since its inception in the year 2012. The Department offers UG programme in Electronics and Communication Engineering and PG programme in Communication Systems. This Department comprises of highly qualified, experienced faculty members and has been consistently producing university ranks at PG levels. The Department has grown not only in terms of student and faculty strength. but also in improving the laboratories facilities for the teaching and research purposes. The Department has a vibrant atmosphere. Organizing various technical events. Conferences and workshops around the year for faculty and students. The Department boast of active students through various technical activities such as Symposium. Mini Project Expo, Professional Body Student Chapters.

DEPARTMENT VISION

To promote Ethical and Innovative Electronics and communication engineers through excellence in teaching, training and research so as to contribute to the advancement of the rural society and mankind.

DEPARTMENT MISSION

To impart high quality technical education and exposure to recent trends in the industry, to ensure that the students are moulded into competent Electronics and communication engineers.
To inculcate research capabilities and exemplary professional conduct to lead and to use technology in agriculture, industry and national security for the progress of our country.

PROGRAMME EDUCATIONAL OBJECTIVES (PEO)

PEO 1: Graduates shall be able to lead a successful career by applying the Scientific and Engineering fundamentals to formulate and solve the real life problems.

PEO 2: Graduates shall be able to practice the ethics of their profession, consistent with a sense of social responsibility and aptitude for innovations as they work individually and in multi-disciplinary teams.

PEO 3: Graduates shall be receptive to recent technologies so as to excel in industry and accomplish professional competence through lifelong learning.

SPECIAL LECTURE

- A **special lecture** on "*Adhoc Testing*" was organized by the department of Electronics and Communication Engineering on 05th August 2016 for IIIrd year students. The Session was handled by Mr.Sabarinath, Senior Engineer, Trident Tech Labs Pvt.Ltd, Chennai.He delievered the Lecture on the topic Importance of software testing in an industry.

WORKSHOP

- One day workshop on "*Embedding Software*" was organized by the department of Electronics and Communication Engineering on 01.09 2016 for ECE students. The session was delivered by Mr.Anand, Project Trainee, Ekadd Technologies Pvt. Ltd., Kanyakumari., Nagercoil.

GUEST LECTURE

The Department of ECE organized a guest Lecture on 'Linear Mode Power Supply' by Dr.T.Jayasree, Professor, Government Engineering College, Tirunelveli on 27th July 2016.

One day guest lecture on "*Military Standards*" was delivered by Mrs.C.Rekha, Assistant Professor, PET Engineering College, Tirunelveli on 19 august 2016.

A Guest Lecture on "*3D Imaging Techniques*" was organized by the Department of Electronics and Communication Engineering on 09.09.2016 for ECE Students. The Session was delivered by Dr.C.Seldev Christopher, Professor, St.Xaviers Catholic College of Engineering, Chunkankadai. He delivered the Guest Lecture on the topic Recent Trends in 3D Imaging Techniques and explained about the importance of 3D Imaging Techniques in medical fields.

One day guest lecture on "*Waveform Coding Schemes*" was delivered by Mr.G.Thiraviya Suaymbu, Asst. Prof & Head, Sree Sastha College of Engineering, Chennai on 05th October2016.
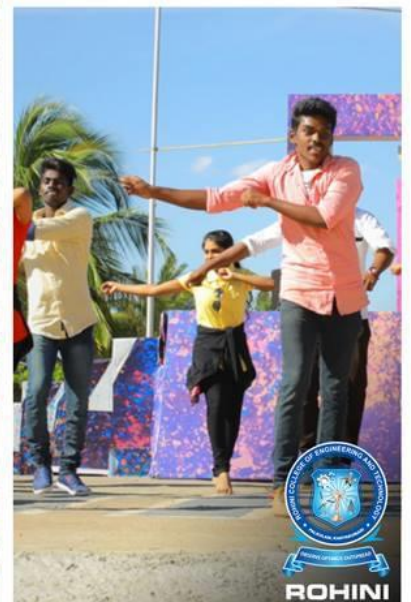
SPECTRA – 2016
Intra college technical carnival
"A Perfect Blend of Innovation, Inspiration, Creativity"

SPECTRA is the annual technical extravaganza organized every year by Rohini College ofEngineering and Technology which is a creativity program, aims at bridging the gap between universities and industries. This year it was organised for a week from 26th September 2016 to 1st october 2016 that aid the student participants to exhibit their neoteric ideas and also allow them to demonstrate their renovated concepts in this modernized world. It is an apt platform for the budding inventors to hone their methodological skills. Projects are taken from a variety of fields to provide ample opportunities for students with varying talents to participate in whatever fields they choose. In addition to all this, Spectra will ensure the fulfillment of both company needs and student needs. With the motto of promoting technology, scientific thinking, and innovation, SPECTRA believe in creating an incomparable ambience of science and technology. In its labor to bestow a wide platform for the students to unveil their talents and skill sets in intense competitions SPECTRA strives for one and all to get inspired and look up to. There were diurnal variations of guest lectures,Mashups of Special Events like technical projects, gaming events each taking creativity at its best, signifying how to take innovation and technology to the next level. The Technical events were witnessed by the resource persons from various field.

Day 2 session was run by Dept.of Electronics and Communication Engineering and inaugurated by Mr. Nirmal It is an endeavor to motivate the youth in the field of Electronics and Communication by providing a platform to the youth to showcase their talents and skills in fierce competitions, Students of ECE organized events like Papuryus Conferral, Ultra Idea Tools, Broadcasting Farmers, workshops and guest lecturers to impart technical expertise.Taking part in such events will enable students to understand why the material learned in class was important and how it could be applied to the physical world. This often shed new light on concepts and their importance, increasing student's motivation to learn concepts thoroughly. This leads way to problem solving and increased confidence in working with limited resources. This initiative to address the latest scenarios in this contemporary realm puts SPECTRA apart from any other college-festival and added a whole new dimension to this institution. The winner of every events are recognised and awarded at the end of the day. Great appreciation was given to all the souls behind the success of this events. The outcome of each event turned out to be great and cheerful, but no one knew the inner pain and troubles the organizers had to go through when planning the events and ensuring everything fell into place at the right time.

INDUSTRIAL VISIT

An Industrial visit to "Hydraulic power plant grid", kodayur, kanyakumari, Tamilnadu,India was organized by the Electronics and Communication Engineering Department of Rohini College of Engineering & Technology on 24th August 2016.