

ROHINI COLLEGE OF ENGINEERING AND  
TECHNOLOGY

# ELECTROVISION 2k18

Electronics and Communication  
Engineering  
Newsletter

Academic Year  
2017-18 (ODD)

PALKULAM, KANYAKUMARI-629401



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

## Department of Electronics and Communication Engineering

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## 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.

## WORKSHOP

Department of ECE organized one day workshop on “*Software Defined Radio*” 29/08/2017. Mr.Ahilan of Mindworkz technologies Bangalore conducted the session.

In this workshop students of Rohini College of Engineering and budding Engineers from various colleges got benefited. Thanking the efforts of student and the management the programme ended with the National Anthem.

## GUEST LECTURE

- A guest lecture on “*5G Technology*” was delivered by Dr.Sanjay Kumar Suman, Professor, MNM Jain Engineering College on 02/08/2017 for ECE students.

- A guest lecture on “*3D Image Visualization*” was delivered by Dr.C.Seldev Christopher, Professor, St.Xaviers Catholic College of Engineering, Kanyakumari on 22/08/2017 for ECE students.

## VALUE ADDED COURSE

Department of ECE organized the value added course for the third year students on august to October on “*Numerical Computations with Python*” by D.Kaviarasu, Senior Engineer, Enthu Technology Solutions India Pvt Ltd. Coimbatore.

## **SPECTRA'17**

“A Perfect Blend of Innovation, Inspiration, Creativity”

SPECTRA is the annual technical extravaganza organized every year by Rohini College of Engineering 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 21 November 2017 to 25 November 2017 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  
He delivered

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.

