

ROHINI COLLEGE OF ENGINEERING AND
TECHNOLOGY

ELECTROVISION 2k17

Electronics and Communication
Engineering
Newsletter

Academic Year
2016-17 (EVEN)



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

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.

SEMINAR

One day seminar on “*Radio and Television Channel Transmission*” was organized by the Department of Electronics and Communication Engineering on 04.01.2017 for ECE Students. The Session was delivered by Mr.M.Rose Cyril Xavier, Sub Divisional Engineer,BSNL Nagercoil. He delivered the Guest Lecture on the Radio and Television Channel Transmission and explained about the transmission of radio channels. Many students who aspired to excel in the field of knowledge benefited with the skill of an expert professional.

WORKSHOP

One day workshop on “*Design of Antennas*” was organized by the department of Electronics and Communication Engineering on 17.02.2017 for ECE students. The session was delivered by Mr.S.Sathyapal, Director, Indian Institute of HAMs, Bangalore.

GUEST LECTURE

A guest lecture on “*Capacity of Fading Channels*” was delivered by Dr.L.Bagyalakshmi, Professor, Rajalekshmi Engineering College, Chennai on 25/01/2017 for ECE students.

A guest lecture on “*Wireless Data Standards*” was delivered by Dr. N. Albert Singh, Sub Divisional Engineer, BSNL, Nagercoil on 16/02/2017 for ECE students.

A guest lecture on “*Cyber Security in SCADA Automation Systems*” was delivered by Mr.S.Prasanth, Associate Professor, Sarabhai Institute of Science and Technology, Trivandrum on 27/02/2017 for ECE students.

A guest lecture on “*Tropical Cyclones and Disaster Preparedness*” was delivered by Dr.S.R.Ramanan, Former Director, Cyclone Warning Centre, Chennai on 20/04/2017 for ECE students.

El-KRAYZ'17

The Department of ECE organized the “National Level Technical Symposium” – El-KRAYZ'17 on 24th March 2017 at RCET.

The event started with the formal Inaugural function at 10.00a.m in Conference Hall. The chief guest Mr. Albert Singh, Sub Divisional Engineer, BSNL, Nagercoil and Dr. SUBRAMANION PILLAI, Principal, Dr.E.Sree Devi HOD / ECE and Co-ordinators Mr, Mr.R.Venkatsh.M.E., Asst.Prof. Mr.R.V.Nagarajan. M.E., Asst.Prof. and organizing secretaries were present on the dais. The function started with Invocation Song by our ECE students, followed by the welcome speech given by Co-ordinator Prof. R.V.Nagarajan. Overview of – El-KRAYZ'17 was delivered by Prof. R.Venkatsh.

Prof.Mrs.Ananthi, Organizing Secretary introduced the chief guest to the audience. Our respected Chairman Sir, along with Principal, in person honoured our chief guest.

Chief guest Mr. Albert Singh, Sub Divisional Engineer, BSNL, Nagercoil inaugurated the Association of Electronics and Communication Engineers (AECE) and delivered a Guest Lecture on “RECENT TRENDS AND APPLICATIONS IN WIRELESS SENSOR NETWORKS”. He emphasized on the importance of the Association of Engineers. The lecture from him provided an insight about Wireless Sensor Networks for the 5G Evolution. The students were enlightened about the applications of sensor networks. It was emphasized that the students should learn the recent advancements and the design challenges in the field of wireless communication for their career opportunities.

The valediction commenced with the feedback from the participants, followed by the brief description of conference report by Prof.Nivya.K.Suresh, Coordinator of El-KRAYZ'17. Then, The Principal of the college awarded the participants with certificates. Finally, the event was successfully completed with national anthem.

FOURTH NATIONAL CONFERENCE ON ADVANCED COMMUNICATION AND ELECTRONIC SYSTEMS (NCACES'17)

Department of Electronics and Communication Engineering organized FOURTH NATIONAL CONFERENCE ON ADVANCED COMMUNICATION AND ELECTRONIC SYSTEMS (NCACES'17) ON 23-MARCH-2017. The conference was presided by Chief guest Er.JITHIN KRISHNAN,Scientist, Division of Medical Instrumentation,SCTIMST, Heads of all Streams, organizing secretaries, Students and Research Scholars.

The Conference aims to Provide opportunities for academicians, Researchers, Young UG Professionals, PG Scholars and Industrialists to share their research ideas and also help them to receive information in-depth feedback through discussions.

The Conference promotes, encourages and brings together the researchers in the fields of Advanced Communications, Image Processing, VLSI Design, Electronic System Design and Embedded Systems.

Dr.E.Sree Devi, Head of Electronics and Communication Engineering introduced the Chief Guest, Er.JITHIN KRISHNAN,Scientist, Division of Medical Instrumentation,SCTIMST.

Dr. SUBRAMANION PILLAI, Principal of RCET addressed the participants about the importance of electronic systems to have the engineers tuned for tomorrow. The speech given by principal made students to know that life begins in the way we think and consider things instead of being trapped in matrix of thinking; also it portrayed the need of out-of-box thinking.



The technical session was guided by Er.JITHIN KRISHNAN,Scientist, Division of Medical Instrumentation,SCTIMST who gave an excellent presentation about the future technologies. This is an eye-opening for the students that make them to explore about new technologies. Several students and research scholars from other colleges participated and presented papers. This conference was executed with a cluster of events which includes 2 keynote sessions and paper presentation sessions.

The valediction commenced with the feedback from the participants, followed by the brief description of conference report by Prof.Nivya .K.Suresh, Coordinator of NCACES'17. Then, The Principal of the college awarded the participants with certificates. Finally, the event was successfully completed with national anthem.

INPLANT TRAINING/ INDUSTRIAL VISIT

An Industrial visit to “Watts electronics,41//2296, veekshman road(East end),Kochi,Kerla,India was organized by the Electronics and Communication Engineering Department of Rohini College of Engineering & Technology on April 2017,to interact with the Electronics Industry to understand current market scenarios, latest most demanding technologies & criteria for selection etc.

An Industrial visit to “Wonderla Holidays Ltd., Kochi, Kerla,India was organized by the Electronics and Communication Engineering Department of Rohini College of Engineering & Technology on April 2017.

An all India tour was arranged by the Electronics and Communication Engineering Department of Rohini College of Engineering & Technology for final year students to understand how an industry/company/organization works and Helps them in projects and researches, Train them in advanced technologies, to get the job in the relevant field.