ROHINI COLLEGE OF ENGINEERING AND TECHNOLOGY

ELECTROVISION 2k18

Electronics and Communication Engineering Newsletter

Academic Year 2017-18 (EVEN)

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.

IEEE Awareness Program

Department of ECE organized a IEEE awareness program for all the students on 19/01/2018.

IEEE plays a major role in an Engineer's life where IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity. IEEE and its members inspire a global community through its highly cited publications, conferences, technology standards, and professional and educational activities. Rohini College of Engineering & Technology initiates a workshop "IEEE Awareness Program" for Students on 19/1/2018 at Opulent Hall. The session was initiated with an Inauguration ceremony in the presence of The Management Persons, The Principal, The Chief Guest Prof. A. Darwin Jose Raju of St.Xaviers Catholic college of Engineering and The Heads of various Departments.

The main aim of this program is to make awareness among the students to join in IEEE students chapter and use the resources provided by the website to improve in their academic and technical aspects.

He presented a PPT about "How to use The IEEE Xplore digital library?" and "How to access more than 3.5-million full-text documents from some of the world's most highly cited publications in electrical engineering, computer science and electronics?". He also explained the importance of the IEEE access in an Institution. The event ended with vote of thanks delivered by Ms. Ajitha.C of Final year ECE.

RONIX - 2k18 - National level technical symposium

Department of ECE organized a national level technical symposium on 15/03/2018. Mr.Rose Cyril Xavier, Divisional Engineer, BSNL, Nagercoil attended as a chief guest and give a nice speech on how the 5G technology will differ from the 4G technology and the innovations available in 5G technolgy as well as the opportunity available in the market for the communication engineers. Dr.Shankar Satyapal from HAM, Banglore attended as another one chief guest and give a speech on the packet radio works and how the technology is being used in many places. He gave a demonstration on how the radio broadcasting works and hoe to transmit the signals.

In this symposium more than 150 students of various colleges across India participated in paper presentation, Project exhibition and many technical events conducted on that day.

NCACES-18 - Fifth National Conference on Advanced Communication & Electronic Systems

Department of ECE organized fifth national conference on Advanced Communication & Electronic Systems on 16/03/2018. The main scope of this event is to bring all the researchers, scholars and academicians under one cloud and gain ideas from all. Mr.Prasanth Asso.Professor, Sarabhi Institute of Science and Technology, Trivandrum attended as a chief guest for this event. In this conference over 400 persons participated and presented their research ideas.

Hands on Training

Value added course on "*Advanced Design Techniques using Rasberypi*" was delivered by Mr.S.Abishek, CIO, Masha Innovation Centre, Nagercoil on 13/08/2018 for ECE students.

Workshop

Department of ECE organized one day workshop on "*Design of Matching Network using Software Tool*" 04/01/2018 by Dr. Jeyanand Thulasiraman, CEO, TeslasMinds, Chennai.

Guest lecture

A guest lecture on "*Multichannel and Multicarrier Systems*" was delivered by Mr.Sriram, Asst.Professor, SRM Institute of Science and Technology, Kangeepuram on 02/02/2018 for ECE students.

A Guest Lecture on "*Soliton Based Communication System Design*" was organized by the Department of Electronics and Communication Engineering on 27.02.2018 for III Year ECE Students. The Session was handled by Dr.A.Siva Subramanian, Prof, VIT, Chennai.

Seminar

One day seminar on "**Mobile Network Planning"** was organized by the Department of Electronics and Communication Engineering on 15.03.2018 for ECE Students. The Session was handled by Mr.C.Rose Cyril Xavier, Sub Divisional Engineer, BSNL Nagercoil. He explained about how network planning are executed and new telecommunications network or service meets the needs of the subscriber and operator

One day Seminar on **"HAM Radio (Amateur Radio)"** was handled by Mr.S.Sathyapal**,** Director, Indian Institute of Hams, Bangalore.

Student Achievements

- G.Sridevi, C.MagiSahulin, S.Nisha, S.Uma, B.Priyahassini, and S.Bhagavathi of 3rd year ECE stood 1st in the Kanyakumari District Skill Summit and selected for State Level Skill Summit which was conducted by Department of Employment and Training, Tamilnadu Skill Development Corporation, Government of Tamilnadu.

- Melben Raj of 3rd year ECE won second prize in "Photography" on the event "INTRIGUE2K18" was conducted by Lourdes Mount College of Engineering and Technology on 23rd March 2018.

- Magi sahulin of 3rd year ECE won First prize in "Paper presentation" on the event "INTRIGUE2K18" was conducted by Lourdes Mount College of Engineering and Technology on 23rd March 2018.

- Kalpana & Nishmitha of 4th year ECE won Second prize in "Paper presentation" on the event "INTRIGUE2K18" was conducted by Lourdes Mount College of Engineering and Technology on 23rd March 2018.

- Kumaravel of 3rd year ECE won second prize in "project presentation" on the event "INTRIGUE2K18" was conducted by Lourdes Mount College of Engineering and Technology on 23rd March 2018.

- Priya hasini & Subahsini of 3rd year ECE Won first prize in singing competition held in Rotary club nagercoil.

- Melben Raj of Third Year ECE got First Prize for Photography in Techliga-18 held at Noorul Islam Centre for Higher Education on 27.03.2018.

- Melben Raj of Third Year ECE got Second Prize for Photography in Synergix 2k18 held at James College of Engineering & Technology on 17.03.2018.

- Melben Raj of 3rd year ECE won first prize in dance competition conducted by kumari kalai kalagam.

Staff Achievements

- Ms.Nivya K Suresh, AP/ECE attended a FDP on mechatronics in St.Thomas Engineering college , chenganoor,kerala.

- Mr.R.V.Nagarajan,AP/ECE attended a FDP on Data analystics in Amrita College of engineering, Nagercoil.

- Mr.C.K.Morarji,AP/ECE attended a FDP on Data analystics in Amrita College of engineering, Nagercoil.

- Mr.R.Venkatesh AP/ECE attended a FDP on Big Data analysis in Network Systemz, Nagercoil.

- Mr.P.Benesh Selva Nesan,AP/ECE attended a FDP on Big Data analysis in Network Systemz, Nagercoil.

- Mr.P.Jeya Bright,ASP/ECE attended a FDP on Big Data analysis in Network Systemz, Nagercoil.

- Mrs.B.Ananthi,AP/ECE attended a FDP on Big Data analysis in Network Systemz, Nagercoil.

- Mr.P.Jeya Bright,ASP/ECE attended NPTEL workshop on trichy.