SAHRDAYA
College of Engineering & Technology

Department of Electronics & Communication

NEWSLETTER

eMAGE

JAN 2019 - JUNE 2019

DEPARTMENT OF ELECTRONICS & COMMUNICATION

DEPARTMENT VISION

To evolve as a Center of Excellence in Electronics and Communication Engineering that moulds technically sound, socially responsible technocrats.

DEPARTMENT MISSION

1. Provide excellent academic and practical environment that transforms students to be knowledgeable, skilled, innovative and entrepreneurial professionals.

2. Collaborate with industries around the globe to strengthen innovation and research environment.

3. Practice and promote high standards of professional ethics, good discipline and social responsibility with a passion for complete excellence.

Programme Educational Objectives (PEOs)

PEO1: To demonstrate technical competency and leadership to become professional electronics engineers leading to a successful career.

PEO2: To adapt to current trends by engaging in lifelong learning.

PEO3: To demonstrate commitment towards sustainable development for the betterment of society.

Programme Specific Outcomes (PSOs)

PSO1: Apply the fundamental knowledge of Electronics and Communication Engineering to design and implement various types of electronic systems in communication, signal processing and embedded systems domain.

PSO2: Follow and adapt to the dynamic trends in the field of Electronics Engineering.

PSO3: Apply electronic hardware and software tools to find the solutions for problems encountered by the society.

PROGRAMME OUTCOMES (POs)

1. Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

2. Problem analysis: Identify, formulate,review research literature, and analyze complex engineering problems reaching

and in multidisciplinary environments.
12. Life-long learning: Recognize the need
for, and have the preparation and ability.
to engage in independent and life-long learning in the broadest context of technological change.

FDP Conducted by ECE Dept

KTU Sponsored FDP on DSP & It's Applications is conducted during 25 - 27 July 2019.Dr.Sathidevi(Dean, NIT Calicut), Dr.MuraliKrishna (Scientist, NPOL), Dr.Rajesh M.V (Professor &Head, ECE Dept, Model Engineering College,Cochin), Dr.Varun P Gopi (NIT Trichy)Dr.K R Joy(PG Co-ordinator, Sahrdaya) handled the sessions.

Faculty Achievements

1. Dr.Vishnu Rajan is selected as JIFS, IOS Press SCI indexed journal reviewer.
2. Dr.Gnana King won "Faculy Excellence Award of Sahrdaya" during the academic year 2018-2019.

FDPs Attended

1. Ms.Binet Rose Devassy & Ms.Silpa PA attended a KTU sponsored FDP on INDUSTRY 4.0 from 24/07/2019 to 28/07/2019 at Adi Sankara College of Engineering & Technology
2. Mr.Saran K B attended Robotic Process Automation program(ASAP 3rd & 4th October 2019 in GEC,Barton Hill,TVM
3. Dr.Gnana King attended External Auditors training at KTU in October 2019.
4. Dr.Vishnu Rajan & Ms.Chinchu Jose attended an FDP on Automation in the world of AI, ML and Data Science on 08/11/19 in TCS, Kochi.
5. Mr.Saran K B attended a two day workshop on "Design for Kerala" under Young Innovators Programme – Facilitators workshop on 28th & 29th November 2019 at Infopark, Koratty

Student Achievements

1. A Student project of Mr.Arun Krishna, Ms.Smera Kurian, Ms.Angel Joshna under the Guideship of Dr.Gnana King shortlisted for the AICTE vishwakarma Award 2019.

2. An Internship program on basics of Robotics was organized by Hardware Club,in association with EMAGE on 10 July 2019 .55 students of 2018 admissions from various branches and lab assistants attended the same.

3. 5 students of S5 ECE participated in Expert lecture by Gabe Gabrielle ,Former Engineer ,NASA ,on 10th of Oct 2019 at Christ College ,Irinjalakuda

2. A Peer skill training session on arduino programing was given to S3 ECE students on 26th Sept,2019. Trainers:Richard Joy,Joseph,and Astle of S7 ECE

Workshops/Seminars Attended by Students

1. An Internship program on basics of Robotics was organized by Hardware Club, in association with EMAGE on 10 July 2019 .

Alumni Interactions:

1. Alumni of 2017 pass out batch Mr. Richu Davis interacted with the students on 30th August 2019.

2. Alumni of 2015 pass out batch Clinton Davis ,(Director,Solwatt pvt. Limited) interacted with S5ECE students on 15th October 2019.

3. Alumni of 2018 pass out batch Ms.Megha Mohan interacted with the students on 2nd November 2019

Student Activities

2017 batch ECE students conducted an Industrial Visit Trip in July 2019.