RESONANCE

Newsletter

Newsletter Team

Faculty Coordinator and Design
Dr. Arun Joy - Associate Professor
Nayana P.K - Assistant Professor

Chief Editor
Ms. Ashley Abraham - S8 ECE

Students Representatives
Ms. Riya Mary Puthumana - S6 ECE
Ms. Anjali K Shaji - S6 ECE

Apr-Jun 2020

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Vision

To be globally recognized for excellence in electronics and communication engineering education and research through value-based resource integration.

Mission

M1: To nurture professionals who are capable of engineering solutions that enhances the quality of life as per the needs of the society.

M2: To provide an ambience for freethinking and innovation.

M3: To strive for a high-yielding collaboration with industry and institutions of repute.

M4: To launch students successfully into one of a variety of careers offering lifelong learning, service, and leadership.

Department Activities

Winner of Inter department Quiz competition held by Quiz Club, MITS

Faculty Achievements

A paper on "A Brief Study On Inherent Safer Design Practices And Enhancement Methods In Process Industries" by Mr.Baiju Karun,Associate Professor,ECE is accepted for ACCESS'20 International Conference and there after publishing in Springer Book Series namely "EAI/Springer Innovations in Communication and Computing" (Scopus Indexed).

A paper named SMART DRIVE FOR ENHANCED DRIVER SAFETY by Ashly Abraham, Lakshmi Viswanathan, Josna Mariyam Johnson, Jisha Shaju, Baiju Karun and Dr.Krishnapriya S accepted in Acess 20 International Conference at Adi Shankara Institute of Technology and Science

A paper titled Comparison of various data mining techniques for estimation of the soil properties using Vis-Nir spectroscopy.- Accepted for ACCESS'20. It was authored by the S8, ECE students Ms. Elsa George, Ms. Josna Antony, Ms. Irin George, Ms. Hanisha Sayed and faculty Dr. Arun Joy & Mr. Rishikesh PH.

A patent has been filed, with the patent details, as follows.
Application Number- 202041025707
Title- "LINEAR AGITATOR"
Applicants -Faculty Mr. Rishikesh PH, Dr. Arun Joy, along with students Elsa George, Josna Antony, Irine George & Hanisha Muhammed.

Faculty Achievements

A paper titled 'Autonomous Indoor Navigation Robot Assist' by final year students Nikhil Biju, Abhirami M S, Nidhin Shaji, Sneha Maria Prasanth and faculty members Arunkant A Jose and Megha Franklin was accepetd in ACESS'20

A paper titled 'Development of Robot to Assist Hospitals During Coronavirus COVID-19 Pandemic' by final year students Nikhil Biju, Abhirami M S, Nidhin Shaji, Sneha Maria Prasanth and faculty members Arunkant A Jose and Megha Franklin was published in the journal, International Research Journal of Engineering and Technology (IRJET)

A paper titled, 'Covid Assistive Robot For Airport' , by final year sudents Ananthu Anil, AjayDas CF, Rohith Rajendran, Feba M Varghese, and faculty members Dr. Arunkant A Jose and Baiju Karun was published in JETIR May 2020, Volume 7, Issue 5

Ms.Binu Manohar attended 4 days online workshop on Examination reforms conducted by AICTE from 29th April to 2nd May, 2020

A proposal, which uses AI to identify and monitor forest fires across the world, has been selected for the AI for Earth Azure Compute Grant of $10000 in the form of Microsoft Azure Cloud credits.
PI: Dr.Selvia Kuriakose
Co-PI : Ms. Binu Manohar

Dr. Abhilash Antony has been accorded Research Supervisor status by KTU

Dr. Krishnapriya.S served as resource person for a one-day workshop organised by Kalasalingam University on CMOS VLSI Design.

A paper titled 'Performance Evaluation Of Via-free Non-spiral Planar Microcoils' authored by Dr.Krishnapriya.S got accepted for IEEE-NEMS 2020 conference

Results - S7 Semester

50 students appeared

37 passed

74 pass percentage

3 university ranking

Students' Achievements

Students of the department have registered for MOOC courseres offered by coursera and is in the process of completion.

Sreeram M, Avanthika R menon and Aswin Venugopal of S4EC has been selected for the AI for Earth Azure Compute Grant of $10000 in the form of Microsoft Azure Cloud credits. Thier proposal uses AI to identify and monitor forest fires across the world.

Programs conducted/attended/ participated by department

All faculty members have registered and completed atleast two MOOC coures offered by Coursera.

As part of the Break the Chain initiative by Govt of Kerala,the dept of ECE developed a non touch low cost hand sanetizer called EZY sanetizer.

Placements - S7 ECE (2016-20 Batch)

49 students

69 offers received

36 students placed

1 qualified for GATE