

DEPARTMENT OF  
ELECTRONICS AND COMMUNICATION  
ENGINEERING



# RESONANCE

NEWSLETTER  
JUL - SEP 2021 EDITION

# PLACEMENTS

2017 - 2021 BATCH

No.of Students

59

No.of Offers

86

No.of Students  
Placed

47

## DEPARTMENT ACHIEVEMENTS

IEEE Robotics & Automation Society (Dr. Rijo Sebastian as RAS Advisor and Elvis Joseph of S7 ECE as RAS Chair) has received an initiative grant worth USD 1500 during the month of August 2021

## FACULTY ACHIEVEMENTS

A journal paper titled "Fabrication, Characterization, and Modelling of a Novel via-less Single Metal Level Magnetic Microcoil Sensor for Biosensing Applications" was published by Dr.Krishnapriya.S in the Journal of magnetism and magnetic materials, Elsevier, p.168469, 2021 (SCI indexed with IF: 2.993)

Dr.Krishnapriya.S served as a resource person for the short-term training on Advanced Micro/Nano Sensor Technologies: Modeling, Simulation, and Fabrication organized by NIT Calicut from 5th July till 9th July 2021.

Dr. Abhilash Antony has served as a session chair for the National Conference on Novel & Challenging Issues and Innovations in Engineering (NCREIS'21), CEK, KTYM

Dr. Abhilash Antony has secured the Elite+ Gold Certification for the NPTEL course on Data Mining. He is a topper (Top 1%) for this course.

A conferece paper titled "Effect of Geometrical Parameters of Nonspiral microcoils on the Magnetic field Generation for Microactuating Applications" authored by Dr.Krishnapriya.S, Dr.Rama Komaragiri, Dr.Suja K.J published in IEEE Xplore as ICSCC'21 proceedings.



## **S**TUDENT ACHIEVEMENTS

Adeep Aji, Amarnadh P, Anna Sajan, Aswathy P Sathyan, Dhanya S and Anjali S V have submitted a paper titled 'COVID SAFETY KIOSK' in ICADCML 2022 (The Third International Conference on Advances in Distributed Computing and Machine Learning) organised by NIT Warangal.

Jophy Varghese, Arun Reji, Varun CS, Basil Benny won the 2nd best final year project award of the department for the project titled "Obstacle detection and path planning in self driving cars" guided by Dr. Arun Joy & Emmanuel Tom.

A conference paper titled "IoT based smart waste management system" published by Riya mary, Anagha G, Rizwana and Jeslin guided by Dr.Krishnapriya.S and Ms.Binu Manohar in IEEE Xplore as ICSCC'21 proceedings.

## **P**ROGRAMS CONDUCTED/ATTENDED/PARTICIPATION

Anjali S V attended a KTU sponsored Faculty Development Programme (FDP) on "Research Perspectives of Machine Learning and Deep Learning for Signal Processing Applications" organized by ECE Dept. of SCT College of Engg,Trivandrum from 6th to 10th September 2021.

Anjali S V attended a two-week training program, "Hello EMI & EMC!! Learn to Detect and Decode" organized by the Department of Electronics, Cochin University of Science and Technology from 26th July to 06th August.

Anjali S V attended the IEEE SPS Summer School on Deep Learning for Sensor Signal Analytics held from August 2 - 6, 2021 organized by CSIR-Central Scientific Instruments Organisation and IEEE AcSIR-CSIO Student Branch, Chandigarh (India)

Nayana P K attended an ATAL online FDP on Sensor Fabrication and its applications in IOT from 2nd July to 7th July 2021

## **P**ROGRAMS CONDUCTED/ATTENDED/PARTICIPATION

Dr. Shoba G attended ATAL online FDP on “Cyber Security oversight for Information Protection” from 12th July to 16th July 2021 organized by CUSAT

Dr. Shoba G attended ATAL online FDP on “Application of Robotics in enhancing learning contents” from 5th July to 9th July 2021 organized by NIT Agartala

Dr Shoba G attended the online 5th IEEE International Test Conference India 2021 from 18th July - 20th July 2021 through fellowship

Dr.Krishnapriya.S participated in ATAL online FDP on Hands-on approach for the Design and Implementation of Lab-on-Bread Board- A Blended learning by NIE Mysore from July 21st to July 25th 2021.

Dr Shoba G gave an online invited talk on “Enlightment in Mathematics” to K G College of Arts & Science, Coimbatore on 25th August 2021

Dr.Krishnapriya.S obtained NPTEL ELITE Certificate for VLSI Physical design course of 12 weeks duration.

Megha Franklin attended 5 day ATAL FDP on ‘Industrial applications of Machine Learning & Artificial Intelligence from 6th September to 10th September 2021

Megha Franklin attended 5 day ATAL FDP on ‘Internet of Things (IOT) with Machine Learning & Artificial Intelligence’ from 13th September to 17th September 2021

Megha Franklin participated as an evaluator for Define ‘21, National level Techno Entrepreneurial fest organized by IEDC, Rajagiri School of Engineering and Technology from 1st July to 25th July.

