



# RESONANCE

VOLUME 3, JULY - SEPTEMBER, 2023

## ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT

### MISSION

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

### VISION

- 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 ACHIEVEMENTS

- Conducted a faculty upskilling workshop on Digital design using FPGA organised by Dr.Shobha G, Dr.Krishnapriya.S and Ms.Binu Manohar on 31st July 2023. Venue-Microprocessor lab

### FACULTY ACHIEVEMENTS

- Dr.Krishnapriya.S authored a book on System technologies and MEMS and IIP publishers, coauthored by Dr.Abraham CG, Dr.Sreevidya KM and Dr.Radeep R. (Available in Amazon and Flipkart)
- Ms.Prathibha Sudhakaran presented a paper entitled ' Recurrent Neural Network Approach for End-to-End Deep Learning of a Continuous Speech Model 'in the third International Convention on Green Enviroment and Enterpreneurship through Innovation (ICGETEI -2023) held at Amity University. - (Certificate)

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## STUDENTS' ACHIEVEMENTS

- Terin Thankachan, Kenneth Alias, Rohit Sankar, Bineetta Mary and Neha Jayachandran from S7 ECE (2020-24 Batch) qualified to the second round in the I-cu contest 2023 conducted by L&T Construction during September 2023
- Terin Thankachan from S7 ECE (2020-24 Batch) participated and qualified into the second round of Tata-Imagination-Challenge 2023 during the month of September 2023
- Krishna D , Krishna Rajesh , Priyanandanan MS of S3 ECE (2022 batch) has certified nptel exam for the course Programming, Algorithm and Data structure using python
- Pranav R , B Gautham of S3 ECE ( 2022 batch ) has certified and scored elite category in nptel exam for Programming and Data structure using python
- Manasa V Payyeri ,B Gautham , Afeef ,Pooja ,Swedha S , Thanmaya R ,Athul S Kumar ,Shahana ,Gouri , Prashobh of S3 ECE ( 2022 batch )attended a event on the importance of gate examination.
- Pooja R A , Sooraj Sajeev of S3 ECE ( 2022 batch ) have gone for an Industrial Visit by YI YUVA on 8th september
- Adithyan KM of S3 ECE (Batch 2022) has organised many programs for Rotaract club from july to september
- Athmika A and Helen Sandra Sabu of S3 ECE ( 2022 batch ) has attended a workshop on DIY smart home demonstration by IEEE EDS SBC NITC on september 11 th
- Harsha M of S3 ECE ( 2022 batch ) has participated in an Engineering Day quiz on September 15
- Ann Maria Johnson of S3 ECE ( 2022 batch ) has attended a YP talk on" Stepping out from college to industry " by IEEE on September 20
- Abhinav Anil Kurup , Sooraj Sajeev , Ann Mariya , Afeef K T , Gaya S , Manasa V Payeri of S3 ECE ( 2022 batch )have secured second position in onam pookalam competition on 5 th september and secured second position .
- Gouri R , Sooraj Sajeev , Krishna D , Feona Jova Varghese of S3 Ece ( 2022 batch )have attended a YIP Ideathon in July.
- Afeef K T , Sooraj Sajeev , Amit P of S3 ECE ( 2022 batch )have attended Orientation programme by thinker hub Mits named ARIVU
- Afeef K T and Amit P of S3 ECE ( 2022 batch )have attended an IEEE workshop EVOQU on september 30
- Jennifer Sara Sony , Megha Suresh , Thanmaya Rajith of S3 ECE ( 2022 batch ) have attended Introduction to android app development workshop on July 8th
- Pooja R A of S3 ECE ( 2022 batch ) have attended an Invento Ideathon GEC Pallakad on 14 and 15th september



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## PROGRAMS CONDUCTED/ATTENDED/PARTICIPATED BY THE DEPARTMENT

- Ms.Ancy Joy attended 5 day workshop on "VLSI to system design" organized by AICTE, ARM education & ST Microelectronics from July 31st to 4th August 2023
- Ms.Ancy Joy successfully completed a 4 week NPTEL course on "Teaching and Learning Algorithm" organized by IISc Bangalore with an elite silver certification
- Ms.Ancy Joy attended an FDP on "Teaching and Learning Algorithm" organized by IISc Bangalore
- Ms.Deepa Prabhu attended 5 day workshop on "VLSI to system design" organized by AICTE, ARM education & ST Microelectronics from July 31st to 4th August 2023
- Ms.Binu Manohar attended 5 day workshop on "VLSI to system design" organized by AICTE, ARM education & ST Microelectronics from July 31st to 4th August 2023
- Five days hands-on short term training program in VLSI Digital Design by Entuple Technologies for 68 students of 5th and 7th semester students was conducted from 11/9/23 to 15/9/23.
- Ms.Deepa Prabhu attended 5 day workshop on "Building Advanced Data Analytics with cloud" under NextGen Employability program organized by AICTE, Edunet & EY from September 11th to September 15th 2023
- Ms.Prathibha Sudhakaran attended a One-Week National Level Faculty Development Program on Cloud Infrastructure (AWS) organized by MLR Institute Of Technology, Telangana from 21st -25th Aug 2023.
- Ms.Prathibha Sudhakaran has participated in the Continuing Education Programme under Short Term Certification Course on 'Strategy Formulation and Data Visualization' organized by the Department of Management Studies from 31st July - 4th August 2023.
- Ms.Prathibha Sudhakaran has participated in a workshop entitled 'Latex : A Comprehensive Learning Tool for Technical Documentation' organized by the department of Computer Science and Engineering, Amity School of Engineering and Technology from 17th -21st July 2023.

Newsletter designed by,  
Nayana P.K., Assistant Professor  
Jisha Jacob, Assistant Professor  
Ashwin R, S6-ECE  
Roshan Binu Paul, S6-ECE  
Basil Roy, S6-ECE