Department of Electronics and Communication Engineering

Newsletter

2023-2024
Volume:1

SIR ISSAC NEWTON COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Permanently Affiliated to Anna University, Chennai.
(An ISO 9001:2015 Certified Institution)

Velankanni Road, Pappakovil, Nagapattinam - 611 102

Email : principalsincet@gmail.com | Web : www.sincet.ac.in

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Chairman Message

In today's rapidly evolving technological landscape, the field of electronics and communication plays a crucial role in shaping the future. Our department is committed to providing students with not only a strong foundation in theoretical knowledge but also the practical skills needed to excel in this competitive world. The faculty's dedication, coupled with our state-of-the-art facilities, ensures that students are well-equipped to meet the challenges of tomorrow.

Our mission has always been to foster innovation, creativity, and a spirit of inquiry among our students. We encourage them to explore new ideas, engage in research, and pursue projects that address real-world problems.

In line with this, I am proud to see our students and faculty making significant strides in academic and extracurricular activities.As we continue on this journey, I would like to express my sincere appreciation to the faculty, staff, and students of the ECE department for their hard work and dedication.

I am confident that together, we will continue to uphold the high standards of excellence that Sir Issac Newton College is known for.Let this newsletter serve as a testament to our collective achievements and a source of inspiration for the future. I wish you all the very best in your academic endeavors and look forward to many more accomplishments in the years to come.

Principal Message

I am delighted to address you all through this edition of the ECE department's newsletter. At Sir Issac Newton College of Engineering and Technology, we are committed to providing a holistic and dynamic learning environment that nurtures young engineers, helping them grow into competent professionals ready to meet the demands of the ever-evolving technology industry.The Department of Electronics and Communication Engineering stands at the forefront of innovation, blending theoretical knowledge with practical applications. Our dedicated faculty members work tirelessly to ensure that students are well-prepared, not only in academic pursuits but also in the development of essential problem-solving, analytical, and interpersonal skills.

Through various workshops, industry collaborations, and hands-on learning experiences, we aim to shape engineers who can contribute meaningfully to technological advancements and societal development.This newsletter highlights some of the outstanding achievements, projects, and initiatives undertaken by our students and faculty. I encourage everyone to explore the content, get inspired by the innovation happening within our department, and continue striving for excellence. Together, let us move forward with the vision of creating a brighter and more connected future through the power of engineering and technology.

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About us

Sir Isaac Newton College of Engineering and Technology's Department of Electronics and Communication Engineering (ECE) is dedicated to providing high-quality education and research opportunities in the ever-evolving fields of electronics and communication. Our department emphasizes a blend of theoretical knowledge and practical skills, preparing students to excel in various domains like VLSI design, embedded systems, digital signal processing, and wireless communication.

With state-of-the-art laboratories and a highly qualified faculty, the ECE department fosters innovation and industry collaboration, promoting hands-on experience through various technical workshops, internships, and projects. Our graduates are equipped with the necessary skills to pursue successful careers in industries like telecommunications, semiconductor technology, and IT, as well as advanced academic research.

The department regularly hosts guest lectures, seminars, and conferences, keeping students updated on the latest trends and technologies, while also engaging in community outreach programs to inspire future engineers.

Vision:

To produce prolific graduates with cutting edge technologies in academic, research and development to meet the societal needs in Electronics and Communication Engineering sectors.

Mission:

1. To engage the learner in emerging technology aids with competent faculty to provide effective academic process for growing industrial and business environment.

2. To frequently observe the young minds with emerging ideas to accomplish innovative research through interaction with industrial platforms ethically.

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Students Participation in -plant training/conferences/workshop/symposium/internship

Ms. R.Ramya,II year studentsparticipatedin the "Gurugulam Skill Development Programmw " organized by Bannari Amman Institute of Technology,Erode.

Mr. B.Guruanand,II year studentsparticipatedin the "Gurugulam Skill Development Programmw " organized by Bannari Amman Institute of Technology,Erode.

Mr. M.Kishore,II year studentsparticipatedin the "Gurugulam Skill Development Programmw " organized by Bannari Amman Institute of Technology,Erode.

Mr. A.Prakash,II year studentsparticipatedin the "One day workshop on Arduino Software " organized by Arifa Institute of Technology,Thirukuvalai,Nagapattinam.

Mr. K.Azhagan,II year studentsparticipatedin the "Gurugulam Skill Development Programmw " organized by Bannari Amman Institute of Technology,Erode.

Mr. G.Hariharan,II year studentsparticipatedin the "Gurugulam Skill Development Programmw " organized by Bannari Amman Institute of Technology,Erode.

Mr. S.Balamurugan,III year studentsparticipatedin the "One day workshop on Arduino Software " organized by Arifa Institute of Technology,Thirukuvalai,Nagapattinam.

Mr. S.Suriya ,II year studentsparticipatedin the "National Level Technical Symposium" organized by Christ the king engineering,coimbatore.

Mr. K.Azhagan ,II year studentsparticipatedin the "National Level Technical Symposium" organized by Christ the king engineering,coimbatore.

Mr. R.K.Harikaran ,II year studentsparticipatedin the "National Level Technical Symposium" organized by Christ the king engineering,coimbatore.

Mr. G.Hariharan ,II year studentsparticipatedin the "National Level Technical Symposium" organized by Christ the king engineering,coimbatore.

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Paper Published by our Faculty Members

Mr. P.Navaneethakrishnan, Assistant Professor ,has Published a paper on"" Implementation of Fatal Vehicle Collision Avoidance System for the Deterrence of Mishaps in Potential Zones".

Mr. P.Arivazhagan, Assistant Professor ,has Published a paper on"" Enhanced Design of High Performance Radix-16 Booth Multiplier Using Partial CSD and DA Algorithm".

Mr. P.Navaneethakrishnan, Assistant Professor ,has Published a paper on"" Design of Emotion Based Face Recognition System Using Convolutional Neural Networks".

Mr. P.Navaneethakrishnan, Assistant Professor ,has Published a paper on"" Design of Emotion Based Face Recognition System Using Convolutional Neural Networks".

Mr. P.Arunkumar, Assistant Professor ,has Published a paper on""A System for Diagnosing Alzheimer's Disease from Brain MRI Images Using Deep Learning Algorithm".

Mr. P.Arunkumar,,Mr.P.Arunkumar, Assistant Professor ,has Published a paper on""Design of Accuracy Configurable Booth Multiplier using Sorting based Compressors".

Mr. P.Navaneethakrishnan, Assistant Professor ,has Published a paper on"" Design and Implementation of Triplication Error Correction Using Hamming Code".

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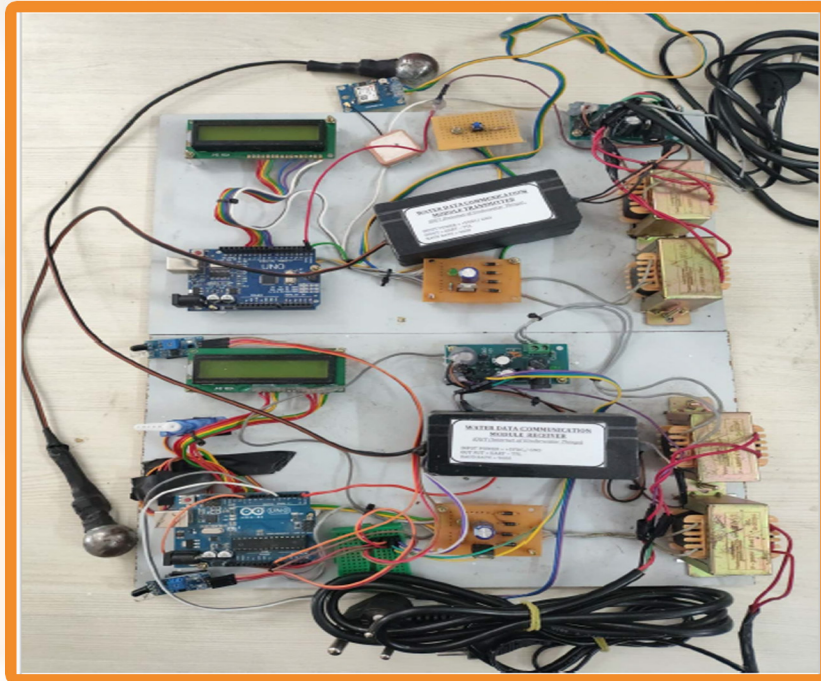(An ISO 9001:2015 Certified Institution)

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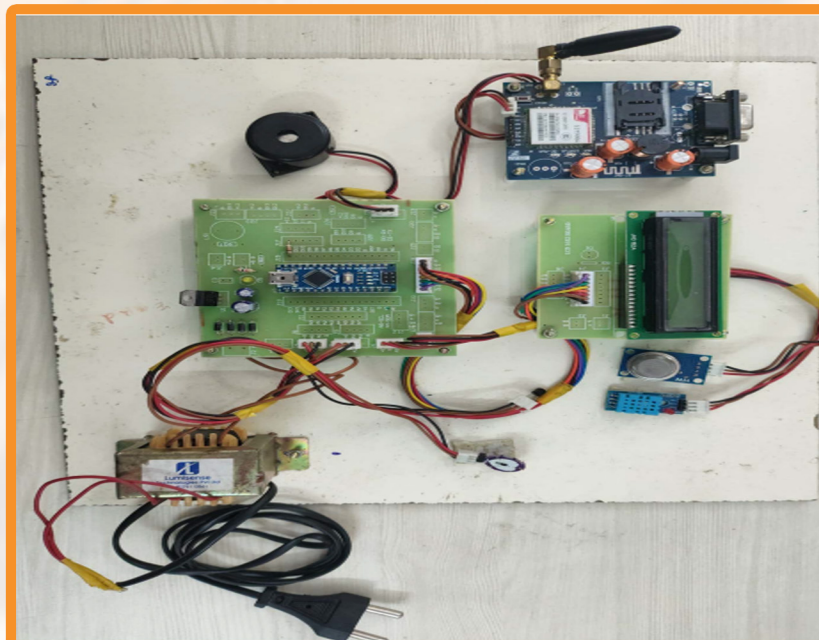Email : principalsincet@gmail.com | Web : www.sincet.ac.in

Quality Project of Our Students

Ms.J.Susanjenova,Ms.S.Parameshwari,Ms.S.Prasanya,Ms.J.Udhayakumari of Final Year Students has done a Project on "Empowering flood Resuce with IoUT Communication System"

Ms.E.Angel,Ms.K.Guna,Ms.M.Kaviya,Ms.R.Suba of Final Year Students has done a Project "wireless Soil Data for Communicatiuon tunnel and Mining worker Resuce and Health Mointering"

Faculty Editer: Ms.K.Kuralamudhu
Ms.M.Mahishathini

Student Member: Mr.Azhagan
Mr..Balamurugan

Department of ECE