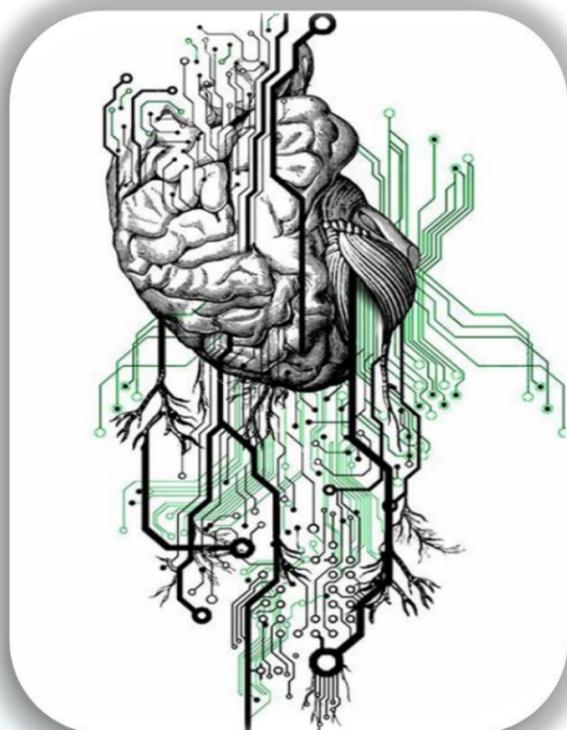
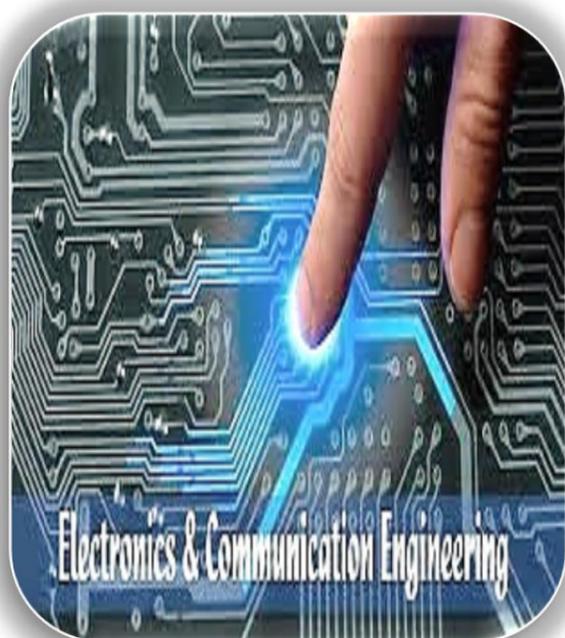
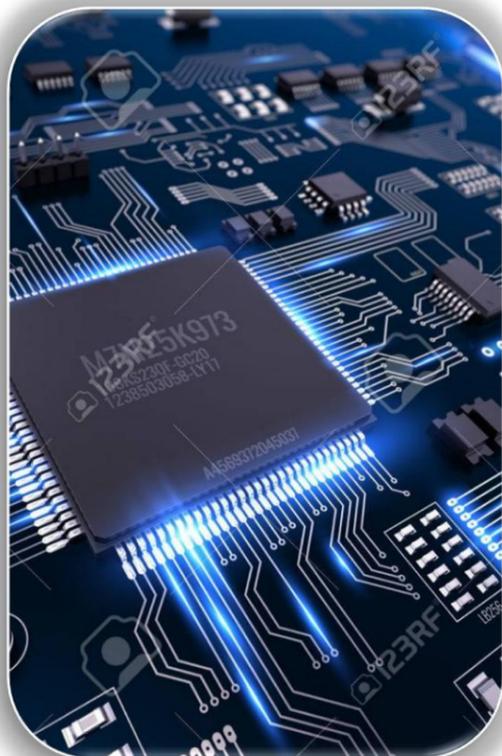


## CONTENTS

- Faculty Achievements
- Department Activities
- Students Activities
- Info Corner



## VISION OF THE INSTITUTION

**IV** We envision to achieve status as an excellent educational institution in the global knowledge hub, making self-learners, experts, ethical and responsible engineers, technologists, scientists, managers, administrators and entrepreneurs who will significantly contribute to research and environment friendly sustainable growth of the nation and the world

## MISSION OF THE INSTITUTION

**IM 1** To inculcate in the students self-learning abilities that enable them to become competitive and considerate engineers, technologists, scientists, managers, administrators and entrepreneurs by diligently imparting the best of education, nurturing environmental and social needs.

**IM 2** To foster and maintain mutually beneficial partnership with global industries and Institutions through knowledge sharing, collaborative research and innovation.

## VISION OF THE DEPARTMENT

**DV** We envision as a center of excellence in the field of Electronics and Communication Engineering to produce technically competent graduates with diverse teaching and research environments.

## MISSION OF THE DEPARTMENT

**DM 1** To educate the students with the state of art technologies to meet the growing challenges of the industries.

**DM 2** To develop an innovate, competent and ethical Electronics and Communication Engineer with strong foundations to enable them for continuing education.

## PROGRAMME EDUCATIONAL OBJECTIVES (PEOS)

The graduates of the programme will be able to:

**PEO 1 Employability and Higher Education:** Excel in Professional career and higher education by acquiring knowledge in mathematical, social, scientific & engineering principles.

**PEO 2 Core Competence:** Analyze, design and develop/implement core engineering problems in communication systems that are technically sound, economically feasible and socially acceptable.

**PEO 3 Interpersonal Skills and Team Work:** Exhibit professionalism, ethical communicating skills and team work by engaging in lifelong learning for sustainable development of the society.

## PROGRAMME OUTCOMES (POS)

Program Outcomes (POs)

**PO1 Engineering Graduates will be able to:**

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

**PO 2 Problem Analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

**PO 3 Design/Development of Solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

**PO4 Conduct Investigations of Complex Problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

**PO 5 Modern Tool Usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.

- **PO6 The Engineer and Society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- **PO7 Environment and Sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- **PO8 Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- **PO9 Individual and Team Work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- **PO10 Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- **PO11 Project Management and Finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- **PO12 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.
- **Program Specific Outcomes (PSOs)**
- **PSO1 Professional Skill:** Specify, design and test modern electronic systems that perform analog and digital processing functions.
- **PSO2 Problem – Solving Skills:** Design essential elements (circuits and antennas) of modern RF/Wireless communication systems.

## CONTENTS

- Faculty Achievements
- Department Activities
- Students Achievements
- Info Corner

## FACULTY ACHIEVEMENTS

### Publications:-

| S.NO. | NAME OF THE AUTHOR(S)   | TITLE OF THE PAPER   | NAME THE JOURNAL   | VOLUME/ ISSUE NO.  | DOI/ ISSN NO.   | YEAR |
|-------|---|--|--|--------------------|---|------|
| 1.    | Dr.S.Karthikeyan<br>K.Pavithra  | Secure Confidential Communication Using Recttatron Technology  | Journal of Emerging Technology and Innovative Research         | Volume 11, Issue 1 | -   | 2024 |
| 2.    | Dr.R.Satheeskumar<br>B. Prakash<br>S. Velliangiri<br>Francis H Shajin | Evolutionary gravitational neocognitron neural network based block chain technology for a secured dynamic optimal routing in wireless sensor networks. | Journal of Experimental & Theoretical Artificial Intelligence. | 36/ 3              | doi.org/<br>10.1080<br>/095281<br>3X.202<br>2.21532<br>74 | 2024 |

| <b>S.NO.</b> | <b>NAME OF THE AUTHOR(S)</b>  | <b>TITLE OF THE PAPER</b>   | <b>NAME THE JOURNAL</b>  | <b>VOLUME/ISSUE NO.</b> | <b>DOI/ISSN NO.</b>                   | <b>YEAR</b> |
|--------------|---|---|--|-------------------------|---------------------------------------|-------------|
| 3.           | Dr.Poornima Ramasamy,<br>EatedalAlabdulkreem,<br>Nuha Alruwais, &<br>V. P. Gladis Pushparathi         | An attention-based neural network for lung cancer classification and gradient in MRI  | Journal of Automatika  | 65/4                    | doi.org/10.1080/00051144.2024.2376776 | 2024        |
| 4.           | Dr.R.Satheeskumar<br>M. Sudha<br>A.B Madhan<br>E.Geetha   | Synthesis of zinc oxide thin films by spray pyrolysis technique   | Journal of Ovonic Research   | 20/2                    | -                                     | 2024        |
| 5.           | Mrs.S.Sridevi<br>A.RajivKannan  | Development of 3DTDUnet++ with novel function and multi-scale dilated-based deep learning model for lung cancer diagnosis using CT images                       | Biomedical Signal Processing and Control                                     | 94                      | doi.org/10.1016/j.bspc.2024.106243    | 2024        |
| 6.           | Dr. S. Karthikeyan<br>V.Samuthira Pandi<br>G.Uthayakuma,<br>S.Aishwarya<br>S. Kamatchi<br>N. Gopinath | Revolutionizing connectivity: Unleashing the power of 5G wireless networks enhanced by artificial intelligence for a smarter future.                            | Results in Engineering   | 22                      | doi.org/10.1016/j.rine.2024.102334    | 2024        |
| 7.           | Dr.R.Eswaramoorthi<br>R.Shankar<br>G.Karthick<br>S.Kavitha  | Frequency Offset Estimation for UWB-OFDM System using Weight and Exhaustiveness based Monarch Butterfly Optimization Approach.                                  | Journal of Electrical Systems  | 20/6                    | -                                     | 2024        |
| 8.           | Dr.T.M .Sathish Kumar<br>T.Suganya<br>P.Mangaiyarkarasi<br>G.Thirugnanam                              | A hybrid approach with MPPT controller for weed cutting based on solar powered lawnmower with minimal intervention of human involvement adopting IoT Technology | Analog Integrated Circuits and Signal Processing                             | 249-267                 | -                                     | 2024        |
| 9.           | Dr.A. Velliangiri<br>D Sivaprakasam<br>T Sivakumar,<br>V Nandini                                      | A system for implementing Homomorphic Encryption in Secure Computation for Cloud Computing Environment  | International Journal of Intelligent Systems and Applications in Engineering | ISSN:2147-6799          | -                                     | 2024        |
| 10.          | Dr.T.M.Sathish Kumar<br>D.Mathiyazhagan<br>G.Sathish Kumar<br>S.Jaichandru<br>P.Kamaleshkanna         | Vehicle-to-Vehicle Data Communication Through Light Fidelity(Li-Fi) Technology  | International Journal of Creative Research Thoughts                          | 20/3                    | -                                     | 2024        |
| 11.          | P. Usha<br>Dr.B. Gopinath<br>Dr.R. Sivakumar<br>Dr.V. Dhinesh   | Exploring the Transformative Influence of Digital Controllers on Power Electronics  | Journal of Electrical Systems  | 37/11                   | -                                     | 2024        |
| 12.          | Dr.R.Eswaramoorthi<br>M. Prasad<br>R .Senthil Rama<br>V. Uma Maheswari                                | Optimized wireless communication for 6G signal processing using memory augmented deep unfolding network   | International Journal of Communication Systems                               | 37/11                   | doi.org/10.1002/dac.5796              | 2024        |

## Conference:-

| <b>S.No.</b> | <b>Name of the Author(s)</b>  | <b>Title of the Paper</b>  | <b>Name the Conference</b>                                    | <b>Conducted by</b>          | <b>Date of conference</b> |
|--------------|---|--|---|------------------------------|---------------------------|
| 1.           | Ms.S.Suruthi<br>Srisabharish.S<br>Sridharan.J<br>Vaishnavi. V<br>Manju.R                    | Skin Disease detection using Deep learning   | International Conference on Emerging Materials and Technology | K.S.R.College of Engineering | 21-02-2024,<br>22-02-2024 |
| 2.           | Ms.S.Suruthi<br>Gokul.K<br>Saravanan.R<br>Sneka.G<br>Srikowska.V                            | Stress Detection Based on Emotions Using a Convolutional Neural Network in Deep Learning (APPLICATION)           | International Conference on Emerging Materials and Technology | K.S.R.College of Engineering | 21-02-2024,<br>22-02-2024 |
| 3.           | Dr.T.M.SathishKumar<br>Jaichandru.S<br>Kamaleshkanna.P<br>Mathiyazhagan.D<br>Sathishkumar.G | Vehicle to Vehicle CommunicationusingLIFI with IoT (APPLICATION)   | International Conference on Emerging Materials and Technology | K.S.R.College of Engineering | 21-02-2024,<br>22-02-2024 |
| 4.           | Mr.M.Jothimani<br>Giridharan.P<br>Jayaprakash R<br>Karthickraja.P<br>Navachithu Ponkumar.D  | Integrating IoT for Seamless Energy Management and Theft Protection (APPLICATION)                                | International Conference on Emerging Materials and Technology | K.S.R.College of Engineering | 21-02-2024,<br>22-02-2024 |
| 5.           | Dr.A.Velliangiri<br>Mahaashuruthy.G<br>Praveenkumar. R<br>Rajasri.B.<br>Surya.V             | IoT Based Smart Warehouse Management Using Machine Learning (APPLICATION)  | International Conference on Emerging Materials and Technology | K.S.R.College of Engineering | 21-02-2024,<br>22-02-2024 |
| 6.           | Mr.J.Rameshkumar<br>Jayapraavinraj.R<br>Kathirvel,R.<br>Pradeep.R<br>Sabari.S               | Exposing Facial Expressions Through Neural Networks and Landmark Detection (APPLICATION)                         | International Conference on Emerging Materials and Technology | K.S.R.College of Engineering | 21-02-2024,<br>22-02-2024 |
| 7.           | Mr.J.Rameshkumar<br>Srividhya.A<br>Yasudhin.U   | Image Manipulation and localization using multi scale feature fusion and adaptive edge supervision (APPLICATION) | International Conference on Emerging Materials and Technology | K.S.R.College of Engineering | 21-02-2024,<br>22-02-2024 |
| 8.           | Dr.C.GowriShankar<br>Praveenkumar.R<br>Pugazhenthithi.V<br>Ajithkumar.S<br>Ranjith.G        | Vehicle Theft Identification and Detection of Road Accident Through CCTV Survelience (APPLICATION)               | International Conference on Emerging Materials and Technology | K.S.R.College of Engineering | 21-02-2024,<br>22-02-2024 |
| 9.           | Dr.R.Satheeskumar<br>Balaji.S<br>Kiruthika.D<br>Manobala.S<br>Sangavi. S                    | Wireless Charging System for Electrical Vehicles (APPLICATION)   | International Conference on Emerging Materials and Technology | K.S.R.College of Engineering | 21-02-2024,<br>22-02-2024 |

| <b>S.No.</b> | <b>Name of the Author(s)</b>  | <b>Title of the Paper</b>  | <b>Name the Conference</b>                                    | <b>Conducted by</b>          | <b>Date of conference</b> |
|--------------|---|--|---|------------------------------|---------------------------|
| 10.          | Mr.R.Veeramani<br>Pandiselvi.P<br>Sudhakar.N<br>Suriya. P<br>Karthigadevi.T       | Microstrip Patch Antenna Design For LTE Applications (APPLICATION)   | International Conference on Emerging Materials and Technology | K.S.R.College of Engineering | 21-02-2024,<br>22-02-2024 |
| 11.          | Mr.K.Karuppanasamy<br>Gowtham.M<br>Jeevanantham.P<br>Rishikesan.R<br>Sakthi.R     | IoT Based Smart Health Care monitoring System for the paralysis and mute person (APPLICATION)                                | International Conference on Emerging Materials and Technology | K.S.R.College of Engineering | 21-02-2024,<br>22-02-2024 |
| 12.          | Dr.S.Karthikeyan<br>Anandhaprakash.R<br>Karthick.S<br>Hemanthkumar.M<br>Suruthi.K | Motor Cycle Helmet and Triple riding compliance detections using Deep Learning(APPLICATI ON)                                 | International Conference on Emerging Materials and Technology | K.S.R.College of Engineering | 21-02-2024,<br>22-02-2024 |
| 13.          | Dr.P.Mahendran<br>Harish.V<br>Periyasamy.S<br>Subash. M<br>Vaishnavi.M            | Smart Agriculture System Using Machine Learning (APPLICATION)  | International Conference on Emerging Materials and Technology | K.S.R.College of Engineering | 21-02-2024,<br>22-02-2024 |
| 14.          | Mrs.S.Sridevi<br>Dhanraaj. S<br>Hariish.R.S<br>Mohankumar.G.V<br>Sudharsan.R      | Electricity Consumption Prediction and Control Using Machine Learning (APPLICATION)  | International Conference on Emerging Materials and Technology | K.S.R.College of Engineering | 21-02-2024,<br>22-02-2024 |
| 15.          | Dr.R.Satheeskumar<br>Poovarasam.C<br>Ramya.S. S<br>Sanjay.L<br>Santhiya.N         | Enhancing MIMO–NOMA System Performance Deep Learning Enabled Optimized of some Data rate and Energy Efficiency (APPLICATION) | International Conference on Emerging Materials and Technology | K.S.R.College of Engineering | 21-02-2024,<br>22-02-2024 |
| 16.          | Mr.P.Sivasankar Rajamani<br>Jeeva.R<br>Jeevanantham.P<br>Shanjeevi.M<br>Balaji.M  | Automatic Fare Collection in Public Transport (APPLICATION)  | International Conference on Emerging Materials and Technology | K.S.R.College of Engineering | 21-02-2024,<br>22-02-2024 |
| 17.          | Mr.S.Krishnakumar Logesh P<br>Muhunthan M<br>Nareshkumar S.<br>Subash M.          | Emergency Tele surgery operation for Military People During War Time Through IoT (APPLICATION)                               | International Conference on Emerging Materials and Technology | K.S.R.College of Engineering | 21-02-2024,<br>22-02-2024 |
| 18.          | Ms.S.Sridevi<br>R.Jinu<br>C.Saran<br>A.Vignesh<br>T.Prasad                        | Diabetic Retinopathy Detection and other eye disease classification using SVM and CNN Algorithm (APPLICATION)                | International Conference on Emerging Materials and Technology | K.S.R.College of Engineering | 21-02-2024,<br>22-02-2024 |

| <b>S.No.</b> | <b>Name of the Author(s)</b>  | <b>Title of the Paper</b>  | <b>Name the Conference</b>                                    | <b>Conducted by</b>          | <b>Date of conference</b> |
|--------------|---|--|---|------------------------------|---------------------------|
| 20.          | Ms.P.Thilagavathi<br>S.Gokul Ram<br>R.Hariraj<br>S.Jagan<br>M.Pradeep Kumar | Design and Implementation of High Accuracy FIR based Approximate multiplier (APPLICATION)                        | International Conference on Emerging Materials and Technology | K.S.R.College of Engineering | 21-02-2024,<br>22-02-2024 |
| 21.          | Mrs.P. Usha<br>K.U.Logudeepak<br>S.Pranesh<br>S.Jagan                       | Predictive Analysis for big Mart sales Using Machine Learning Algorithm  | International Conference on Emerging Materials and Technology | K.S.R.College of Engineering | 21-02-2024,<br>22-02-2024 |
| 22.          | Ms.D.Gowthami<br>R.Mugunthan<br>S.Logesh<br>K.Santhosh<br>S.Sudhakar        | Drainage Blockage Detection and Control Systems Using IoT (APPLICATION)  | International Conference on Emerging Materials and Technology | K.S.R.College of Engineering | 21-02-2024,<br>22-02-2024 |
| 23..         | Dr.K.P.Uvarajan<br>M.Sivakumar<br>R.Jeeva<br>P.Manikandan<br>S.Naveenkumar  | An AI Based real Time Road Analysis System Using MEMS Data with IoT Application (APPLICATION)                    | International Conference on Emerging Materials and Technology | K.S.R.College of Engineering | 21-02-2024,<br>22-02-2024 |
| 22.          | Dr.R.Poornima<br>S.S.Ramya<br>L.Sanjay<br>N.Santhiya<br>C.Poovarasam        | Enhancing Mimo-Noma System Performance:Deep Learning-Enabled Optimization of Sum Data Rate and Energy Efficiency | International Conference on Emerging Materials and Technology | K.S.R.College of Engineering | 21-02-2024,<br>22-02-2024 |

### **BOOK /BOOK CHAPTER**

| <b>S. No.</b> | <b>Title of the Book/Book Chapter</b> | <b>Name of the Author/s</b>  | <b>Name of the Publisher</b>              | <b>Month and year of published</b> |
|---------------|---------------------------------------|--|---|------------------------------------|
| 1.            | Soft Computing                        | Dr.S.Ramesh<br>Dr.C.Gowri Shankar<br>Dr.J.Thiyagarajan<br>Dr.P.S.Periasamy                             | Scientific International publishing house | February 2024                      |
| 2.            | Introduction to VLSI                  | Mrs.P.Thilagavathi<br>Mr.Vemu Srinivasararo<br>Dr.Rubam Das<br>Dr.Saswata chakraborty                  | Scientific International publishing house | February 2024                      |
| 3.            | Analog Integrated Circuits Design     | Prof.Ganesh Vasudeo Manerkar, Mr.P.Gonindaraju,<br>Dr.R.Poornima,<br>Dr.Monumalik,<br>Dr.Sathyasekar K | Cosmos Sceintific Publications            | May 2024                           |
| 4.            | Cryptography and Network Security     | Dr.Thangavel Murugan,<br>Dr.Jaynesh H.Desai,<br>D.Gowthami,<br>P.S. Dr.Baju                            | Global Aasan Research                     | March 2024                         |

## Patent Publication / Granted

| <b>S.No.</b> | <b>Name of the Inventor(s)</b>    | <b>Title of Patent</b>                                 | <b>Application No. &amp; Patent Filed date</b>             | <b>Current Status</b> |
|--------------|-----------------------------------|--|--|-----------------------|
| 1.           | Mrs.P.Usha,<br>Dr.R.Eswaramoorthi | Smart Wearable Device for Real Time Health Monitoring. | Application No:402106-001 Cbr No: 215837 Date : 14/12/2023 | Granted on 16/02/2024 |
| 2.           | Dr.R.Poornima                     | Health Check up device for Pet Animals.                | Application No:400160-001 Cbr No:214552 Date: 18/11/2023   | Granted on 02/02/2024 |
| 3.           | Dr.C.Gowri Shankar                | USB Device to Shutdown PC when not in use.             | Application No:399891-001 Cbr No:214365 Date :14/11/2023   | Granted on 19/01/2024 |
| 4.           | Mrs.P.Thilagavathi                | Wind Solar Hybrid Power Plant System.                  | Application No:400387-001 Cbr No:214711 Date :21/11/2023   | Granted on 15/01/2024 |

## Participants in Various Programmes

| <b>S.No.</b> | <b>Name of the Faculty as Resource Person</b> | <b>Name of the STTP/FDP</b>                                 | <b>Date</b> | <b>Location</b> | <b>Organized by</b>                     |
|--------------|---|---|-------------|-----------------|---|
| 1.           | Dr. C.Gowri Shankar                           | FDP on Critical Thinking and Problem-Solving using Power BI | 07.03.2024  | Bengaluru       | NITTE Meenakshi Institute of Technology |
| 2.           | Dr. S.Karthikeyan                             | FDP on Applications of Machine Learning and Deep Learning   | 07.02.2024  | Erode           | Al-Ameen Engineering College, Erode     |
| 3.           | Dr. R.Poornima                                | FDP on Linear Integrated Circuits                           | 02.04.2024  | Erode           | Al-Ameen Engineering College            |
| 4.           | Dr. T.M.Sathish Kumar                         | STTP on Digital Electronics and Verilog HDL                 | 23.01.2024  | Tiruchengode    | K S Rangasamy Institute of Technology   |
| 5.           | Mrs.P.Thilagavathi                            | Online FDP on VLSI Testing and Design for Testability       | 07.04.2024  | Erode           | Surya Engineering College               |

# DEPARTMENT ACTIVITIES

## Events Organized:

| <b>S.NO.</b> | <b>NAME OF THE PROFESSIONAL SOCIETIES/ BODIES/ CHAPTERS/ CLUBS</b> | <b>NAME OF THE EVENT</b>   | <b>NATIONAL/ INTERNATIONAL LEVEL</b> | <b>DATE OF EVENT</b> |
|--------------|--|--|--------------------------------------|----------------------|
| 1.           | IETE   | Entrepreneurship Development Program – Know Your Smartphone Android Operating Systems  | National level                       | 29.04.2024           |
| 2.           | ISTE   | Seminar on Artificial Intelligence Project Formulation for Beginners   | National level                       | 22.03.2024           |
| 3.           | IETE   | Workshop on Recent Trends- Machine Learning Applications   | National level                       | 20.02.2024           |
| 4.           | IEI & ECE Association  | Cutting Edge innovations: A look into contemporary IT Solutions<br>by Mr.G. Anandmohan,<br>Application DBA,<br>IBM, Chennai. | National level                       | 10.02.2024           |

# **STUDENT ACHIEVEMENTS**

## **Awards Received by Students**

| <b>S.NO.</b> | <b>NAME OF THE STUDENTS</b> | <b>NAME OF THE ACTIVITY</b> | <b>ORGANIZED BY</b> | <b>DATE</b>               | <b>PRIZE/ AWARD WON</b> |
|--------------|-----------------------------|-----------------------------|---------------------|---------------------------|-------------------------|
| 1.           | Prem Kumar B                | Paper Presentation          | National Level      | 28.02.24                  | First Prize             |
| 2.           | Parthasarathy S             | Paper Presentation          | National Level      | 28.02.24                  | First Prize             |
| 3.           | Hema V                      | Paper Presentation          | National Level      | 07.03.24                  | First Prize             |
| 4.           | Dharaneshwaran S            | Paper Presentation          | National Level      | 04.04.24                  | First Prize             |
| 5.           | Chiriswin J                 | Paper Presentation          | National Level      | 04.04.24                  | First Prize             |
| 6.           | Prabhu M                    | Paper Presentation          | National Level      | 07.03.24                  | First Prize             |
| 7.           | Hemadharshini M             | Paper Presentation          | National Level      | 29.04.24                  | Second Prize            |
| 8.           | Abinaya T                   | Paper Presentation          | National Level      | 29.04.24                  | Second Prize            |
| 9.           | Ranjith Kumar B S           | Idea Presentation           | National Level      | 24.02.24                  | Second Prize            |
| 10.          | Tharun N                    | Paper Presentation          | National Level      | 27.03.24<br>&<br>28.03.24 | Second Prize            |
| 12.          | Vignesh R                   | Paper Presentation          | National Level      | 27.03.24<br>&<br>28.03.24 | Second Prize            |
| 13.          | Sangaragomathi S            | Paper Presentation          | National Level      | 03.05.24                  | Second Prize            |
| 14.          | Anukeerthana T              | Paper Presentation          | National Level      | 03.05.24                  | Second Prize            |

| S.NO. | NAME OF THE STUDENTS | NAME OF THE ACTIVITY | ORGANIZED BY   | DATE     | PRIZE/ AWARD WON |
|-------|----------------------|----------------------|----------------|----------|------------------|
| 15.   | Sowndharrajan G      | Idea Presentation    | National Level | 24.2.24  | Third Prize      |
| 16.   | Loguprasath P        | Paper Presentation   | National Level | 24.04.24 | Third Prize      |
| 17.   | Manikandan S J       | Paper Presentation   | National Level | 24.04.24 | Third Prize      |
| 18.   | Kabilan R            | Idea Presentation    | National Level | 24.2.24  | Third Prize      |

## INFO CORNER



On 23.03.2024, our department students visited Sakthi Sugars Limited, Modakurichi, as part of an industrial visit. The purpose of the visit was to gain practical exposure to the sugar manufacturing process and understand the functioning of large-scale industrial operations. During the visit, the students observed various stages of sugar production, including cane crushing, juice extraction, clarification, evaporation, crystallization, and packaging. The officials of the company explained the processes clearly and provided insights into quality control, safety measures, and by-product utilization such as ethanol production and power generation. The visit was informative and helped the students connect their theoretical knowledge with real-time industrial practices.

## INFO CORNER



Our department students actively participated in various intercollegiate paper presentation competitions conducted by different colleges. They presented innovative research ideas and demonstrated strong subject knowledge, confidence, and effective communication skills. Through their dedication and hard work, our students secured the First Prize in these competitions, bringing great pride and recognition to the department. Their achievement reflects their academic excellence, research interest, and commitment to continuous learning.

The seminar on “Intellectual Property Rights for Products and Process” commenced with a welcome address by Mr. Santhosh from the ECE department, followed by an informative session delivered by Mr. R. Veeramani, Assistant Professor. He explained the step-by-step procedure involved in IPR and emphasized its significance in product design, along with highlighting placement and internship opportunities in core and software industries.





Our students actively participating in a placement-related activity conducted in a classroom setting. The students are holding colored cards, indicating their responses during a mock aptitude test discussion, HR round simulation, or technical quiz session. This interactive method appears to be part of a pre-placement training program designed to enhance decision-making skills, communication, and confidence. The activity reflects an engaging learning approach aimed at preparing students for campus recruitment and industry expectations.

A career guidance program was conducted for students to help them understand various career opportunities available in core industries, software sectors, higher education, and entrepreneurship. The session provided insights into skill development, industry expectations, emerging technologies, and the importance of certifications and internships. Students were guided on resume preparation, interview techniques, competitive examinations, and higher studies options. The program aimed to motivate students to identify their interests, set clear career goals, and prepare effectively to achieve professional success.



## **Editorial Committee**

Mrs. P.Usha AP/ECE  
Mrs.S.Sridevi AP/ECE  
Mrs.K.Yasvanthika &VI

K. K. Janani & VI  
C.Karthick & IV  
M Janarthanan & II  
S.Dharaneshwaran& II