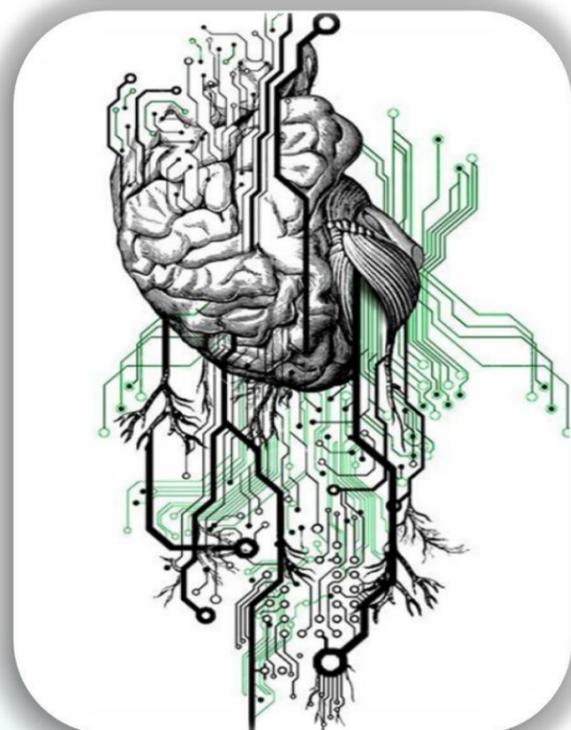
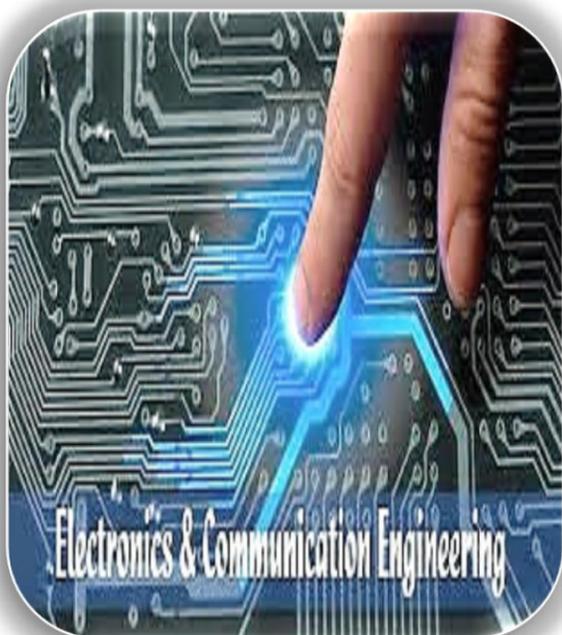
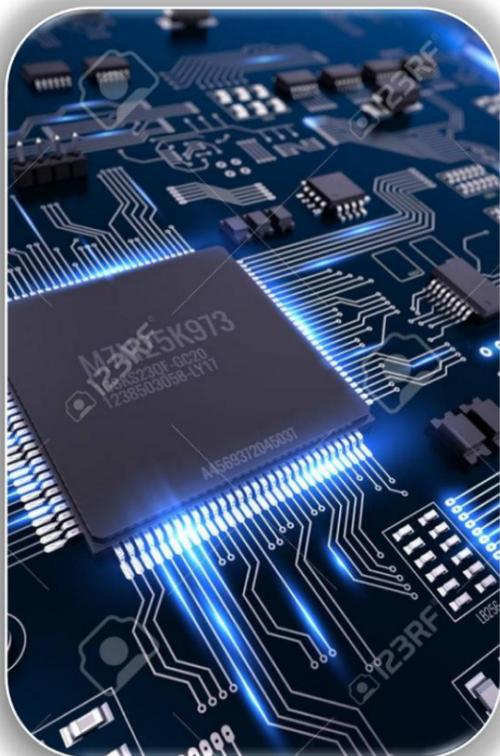


CONTENTS

- 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 OF THE JOURNAL	VOLUME/ISSUE NO.	DOI/ISSN NO.	YEAR
1.	Dr.P. S.Periasamy	Fault Detection for Photovoltaic Panels in Solar Power Plants by Using Linear Iterative Fault Diagnosis (LIFD) Technique Based on Thermal Imaging System.	Journal of Electrical Engineering & Technology Published.	18	10.1007/s42835-023-01381-7	2023
		Digital infrared thermal imaging system based breast cancer diagnosis using 4D U-Net segmentation	Biomedical Signal Processing and Control	85	10.1016/j.bspc.2023.104792	2023

S.NO.	NAME OF THE AUTHOR(S)	TITLE OF THE PAPER	NAME OF THE JOURNAL	VOLUME NO.	DOI/ISSN NO.	YEAR
2.	Dr .C. Gowrishankar	Adaptive Sub-Threshold Voltage Level Control for Voltage Deviate-Domino Circuits	Intelligent Automation & Soft Computing		10.32604/ia sc.2023.028 758	2023
3.	Dr. S. Karthikeyan	EB Energy Meter Monitoring System Using IOT	International Journal of New Innovations in Engineering and Technology	22	ISSN:2319-6319	2023
		Human Life Safety System with Electrical Information using GSM & GPS	International Journal of New Innovations in Engineering and Technology	22/ 1	ISSN: 2319-6319	2023
4.	Dr. R Eswaramoorthi	Land Slide Monitoring System Using IOT	International Journal of New Innovations in Engineering and Technology	22/1	ISSN:2319-6319	2023
5.	Mr. P. Sivasankar Rajamani	Driver drowsiness detection and control system using embedded system	International Journal of New Innovations in Engineering and Technology	22/1	ISSN:2319-6319	2023
6.	Mr. T. M. Sathishkumar	Areal Time Bus Monitoring System using Mobile Location	International Journal of New Innovations in Engineering and Technology	22/1	ISSN: 2319-6319	2023
		Huffman coding algorithm based adaptive noise cancellation	International research journal of engineering and technology	10/6	Issn:2395-0072	2023
7.	Mrs.P. Thilagavathi	Automatic bus arrival announcement system using RF transmitter and receiver	International Journal of New Innovations in Engineering and Technology	22/1	ISSN: 2319-6319	2023
8.	Dr.R.Satheeskumar	Night Vision Security Patrolling Robot with Sound Sensing	International Journal of New Innovations in Engineering and Technology	22/1	ISSN: 2319-6319	2023

S.NO.	NAME OF THE AUTHOR(S)	TITLE OF THE PAPER	NAME OF THE JOURNAL	VOLUME NO.	DOI/ISSN NO.	YEAR
9.	Dr. P. Mahendran	Design of All Pass Make over Based Capricious Digital Filter using Eminent Speed Dual Carry Select Adder and Truncation and Rounding Approximate Multiplier for Image Processing Application.	concurrency and computation practice and experience.	35/6	https://onlinelibrary.wiley.com/doi/10.1002/cpe.7575	2023
		Automatic Electrical Appliance Fault Detection System with Remote Monitoring Through IoT	International Journal of New Innovations in Engineering and Technology	22/1		2023
10.	Mr. R. Veeramani	Design of Broadband Microstrip Patch Antenna For 5g Applications	International Journal of Current Engineering and Scientific Research	10	ISSN:2393-8374	2023
11.	Mr. J . Rameshkumar	Design of Broadband Microstrip Patch Antenna For 5g Applications	International Journal of Current Engineering and Scientific Research	10 /74	ISSN:2393-8374	2023
12.	Mr. K. Karuppanasamy	Railway Track Defect Monitoring Based on IoT	International Journal of New Innovations in Engineering and Technology	22	ISSN:2319-6319	2023
13.	Mr. M.Jothimani	Water Quality Monitoring System Based On IOT	International Journal of New Innovations in Engineering and Technology	22 / 1	ISSN:2319-6319	2023
14.	Dr.. K. P. Uvarajan	Automated intimation to ambulance for emergency medical service and traffic clearance using IOT	International Journal of New Innovations in Engineering and Technology	22 / 1	ISSN:2319-6319	2023
15.	Mrs.P.Usha	Student Management System and SGPA,CGPA Calculator	International Journal of New Innovation in Engineering and Technology	22 /1	ISSN:2316-6319	2023

S.NO.	NAME OF THE AUTHOR(S)	TITLE OF THE PAPER	NAME OF THE JOURNAL	VOLUME NO.	DOI/ISSN NO.	YEAR
17.	Mrs. D. Gowthami	Navigation System for Visually Impaired People by Using Raspberry Pi	International Journal of New Innovation in Engineering and Technology	22 /1	ISSN:2316-6319	2023

Patent Publication / Granted

S.NO.	TOPIC	INVENTORS	APPLICATION NO.	DATE	STATUS
1.	AL Based Health Care System Using Cloud Computing In Smart Cities	Mrs. D. Gowthami	202341011888,	22/02/2023	Filed Date
2.	IOT based sensor array technique for sailing vessels motion monitoring	Dr. S. Karthikeyan	202341007820	07/02/2023	Filed Date
3.	An Improved Artificial Hand	Dr. P. Mahendran K. Karuppanasamy	419583	30.01.2023	Granted

Participants in Various Programmes

S.NO.	NAME OF THE FACULTY	TITLE OF THE PROGRAMME	CONDUCTED BY	DATE(S) AND YEAR
1.	Dr. C. Gowri Shankar	Faculty development programme on artificial intelligence for signal processing application	PSG Tech, Coimbatore	27.03.2023-31.03.2023
2.	Mr. M. Jothimani	Faculty development programme on teaching and learning in engineering	Nptel -Aicte	Jan-Feb 2023
3.	Dr. T. M. Satheeskumar	Faculty skill development	KSR Educational Institutions	31.03.2023
4.	Mr. K. Karuppanasamy	Faculty development programme on introduction to industry 4.0 and industrial	Nptel- Aicte	12 weeks

DEPARTMENT ACTIVITIES

Events Organized:

S. NO.	NAME OF THE PROFESSIONAL SOCIETIES/ BODIES/ CHAPTERS/ CLUBS	NAME OF THE EVENT	NATIONAL/ INTERNATIONAL LEVEL	DATE OF EVENT
1.	IEI & ECE Association	Guest Lecture on Career Opportunities to Electronic Engineering Students	National level	06.04.2023
2.	IEI	Workshop on MATLAB and its tool box	National level	15.03.2023
3.	IEI & ECE Association	Guest Lecture on Career Opportunities to Electronic Engineering Students	National level	10.02.2023

STUDENT ACHIEVEMENTS

Awards Received by Students

S.NO.	NAME OF THE STUDENTS	NAME OF THE ACTIVITY	DATE	ORGANIZED BY	PRIZE/ AWARD WON
1.	Vignesh S	Paper presentation	25.02.23	Sona college of Technology, Salem	2 nd prize
2.	Naveen balaji M	Paper presentation	07.02.23	K.S.R.College of Engineering, Tiruchengode	3 rd prize
3.	Ranjithkumar B S	Paper presentation	21.02.23	K.S.R.College of Engineering, Tiruchengode	1 st prize
		Paper presentation	07.02.23	K.S.R.College of Engineering, Tiruchengode	2 nd prize
4.	Yuvanesh N	Paper presentation	21.02.23	K.S.R.College of Engineering, Tiruchengode	2 nd prize
		Paper presentation	23.06.23	Selvam college of Technology, Namakkal	2 nd prize
		Paper presentation	07.02.23	K.S.R.College of Engineering, Tiruchengode	2 nd prize
5.	Yuvanesh N	Quiz	22.02.23	K.S.R.College of Engineering, Tiruchengode	1 st prize
6.	Yuvanesh N	GD	07.02.23	K.S.R.College of Engineering, Tiruchengode	2 nd prize
7.	Yuvanesh N	Atloobby	06.05.23	Muthayammal Engineering college, Rasipuram	1 st prize
8.	Vijayasree K	GD	07.02.23	K.S.R.College of Engineering, Tiruchengode	2 nd prize
		Minute jam			2 nd prize
		Oratorical			1 st prize
9.	Pavithra T	Spell be	07.02.23	K.S.R.College of Engineering, Tiruchengode	1 st prize

S.NO.	NAME OF THE STUDENTS	NAME OF THE ACTIVITY	DATE	ORGANIZED BY	PRIZE/ AWARD WON
10.	Pavithra T	GD	07.02.23	K.S.R.College of Engineering, Tiruchengode	2 nd Prize
11.	Pavithra T	Oratorical	20.02.23	K S R Educational Institutions, Tiruchengode	1 st Prize
12.	Prem K S	Connection	24.02.23	Velalar College of Engineering Technology, Thindal	2 nd Prize
13.	Dharshni K M	Idea Presentation	11.03.23	Knowledge Institute of Technology, Salem	2 nd Prize
14.	Abhiramidevi K R	Circuit Debugging	28.04.23	Vivekanandha College of Engineering for Women, Tiruchengode	1 st Prize
15.	Kaviya S	Technical quiz	24.02.23 & 25.02.23	Sona college of technology, Salem	1 st prize
16.	Kaviya S	Circuit debugging	28.04.23	Vivekanandha college of engineering for women, Tiruchengode	2 nd prize
17.	Jeeva P	Blowing Cup	03.03.23	M.Kumarasamy College of Engineering, Karur	2 nd Prize
18.	Nivethitha K S	Technical quiz	13.05.23	Muthayammal Engineering College, Rasipuram	1 st prize
19.	Kalavathi S	Tamil essay	20.02.23	K S R Educational Institutions, Tiruchengode	1 st prize
20.	Nagathrisa V	Drawing	20.02.23	K S R Educational Institutions, Tiruchengode	3 rd prize
21.	Ranjith kumar B S	Quiz	22.02.23	K.S.R.College of Engineering, Tiruchengode	1 st prize

INFO CORNER



A National Level Symposium was conducted from 02.03.2023 to 04.03.2023 to provide a platform for students to exhibit their technical knowledge, innovation, and research skills. The event included paper presentations, project exhibitions, quizzes, workshops, and guest lectures, with active participation from various institutions, making it a successful and enriching experience.



Our students actively participated in various events conducted by other colleges and achieved notable success. They showcased their talents in technical and non-technical competitions such as paper presentations, project expos, and other academic activities. Their outstanding performances brought recognition and appreciation to the department, highlighting their dedication, skills, and competitive spirit.



The 21st Annual Sports Day was celebrated on 21.03.2023 with great enthusiasm and active participation from students. Various track and field events were conducted, promoting teamwork, sportsmanship, and physical fitness among the participants.

Editorial Committee

Mrs. P. Usha AP/ECE

Mr. S. Krishana kumar AP/ECE

Mr. S. Hari Hara Prasath & IV

V. Pugazhenthithi & VI

G. P. Sneha & VI

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