



ERODE SENGUNTHAR ENGINEERING COLLEGE



(An Autonomous Institution)

PERUNDURAI, ERODE - 638057



DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING

NEWSLETTER

WHIZZCOM CHRONICLE



LETS CREATE THE FUTURE

JAN - MAY 2025



ABOUT THE DEPARTMENT

The Department of Electronics and Communication Engineering was started in the year of 2000. It offers UG Programme (B.E.) in Electronics and Communication Engineering and PG Programme (M.E.) in Applied Electronics. The Department has also been recognized as a centre for carrying out Ph.D. Programme under Anna University. It has good infrastructural facilities with well-experienced and dedicated team of faculty members. The Department has signed MoU with various companies and has collaboration in Research & Development / Student Projects Consultancy works. The Department organizes National level Students' Technical Symposia and Project Exhibition every year.

VISION

To impart professional excellence, leadership qualities and competence, embedded with character in students and serve the society through research.

MISSION

- Create Learning Environment to serve the societal needs.
- Impart State of art Technical Education to groom engineers with high professional standards.
- Promote innovative ideas and augment research to improve the quality of life through application of technology.
- Provide high quality ethical engineers for the Benefit of the Society.

Programme Educational Objectives (PEOs)

- Impart the learners, an ability to understand and analytical, academic use and communication skills effectively with special emphasis to fulfill societal needs.
- Inspire the beginners to enrich their skills throughout career by learning about emerging technologies, adapting and accepting the changes to achieve leadership position in industry or academia.
- Prepare graduates to innovate products/solutions through research to real life problems for boosting the economy of the region and the nation.
- Prepare graduates to work effectively as a team and practice ethics in the profession with a sense of social responsibility.

Program Specific Outcomes (PSO)

PSO1: Interpretation Skills: Acquire skills to design, verify and validate electronic functional elements for a variety of applications.

PSO2: Core Competences: Ability to use hardware and software tools to solve complex problems in VLSI, Communication, RF and Embedded Systems.

PSO 3: Attitude: Develop an attitude of lifelong learning for sustained career advancement and adapt to the changing multidisciplinary profession.

**Courses Offered: B.E. Electronics and Communication Engineering (4 Years),
M.E. Applied Electronics (2 YEARS)
& Ph.D., (3 Years)**





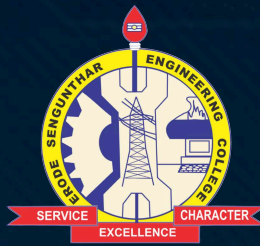
MESSAGE FROM THE HOD

DR. S. BHARATHIDASAN

I'm thrilled to announce the launch of the "Whizzcom Chronicle," the official newsletter of the Department of Electronics and Communication Engineering for the academic year 2025. This edition highlights the creativity, innovation, and academic achievements of our students and faculty, serving as a valuable guide for future endeavors. I commend the Editorial Team for their excellent work in compiling and presenting the department's milestones, and I hope this newsletter inspires enthusiasm and ambition across our community.

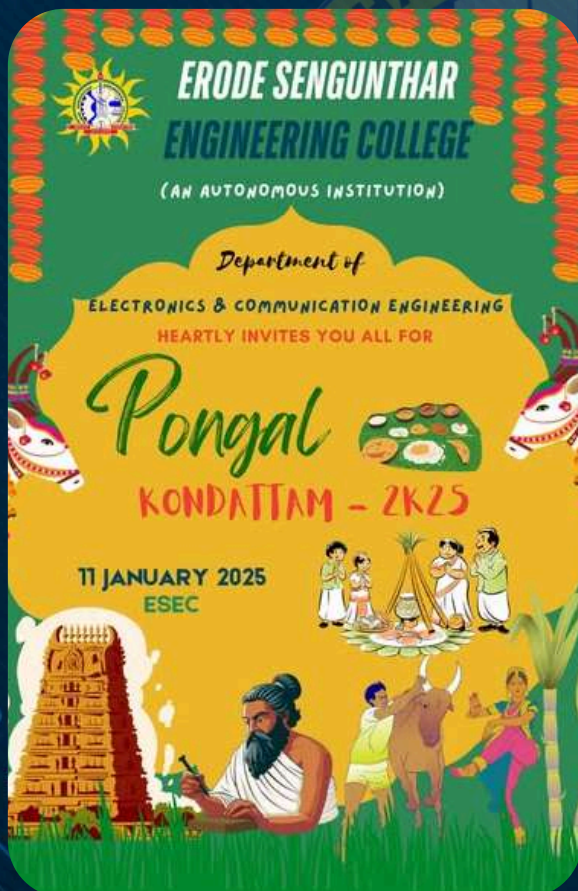
TABLE OF CONTENTS

1. Association Activities
2. NPTEL Course Details
3. Patent Rights
4. Faculty Publications
5. Student's Participation
6. Student's Achievements
7. Projects By Students
8. Women's Day 2K25 Celebration
9. Student's Placement



Association Activities

With overwhelming joy we share that the Department of ECE, Erode Sengunthar Engineering College, Thudupathi celebrated the Pongal festival in college premises on 11.01.2025. Let this Pongal bring everyone a happiness, health, and success to your life. Wishing you a bountiful harvest and an abundance of joy. Happy Pongal !!



It is our immense pleasure to share the post event report of the Seminar on "Preparation Strategies for GATE 2025: Trends and insights" organized by the Department of ECE in association with Career Guidance Cell on 30.01.2025 at ECE Seminar Hall. The resource person for the event was **Dr. K. Bavithra**, Assistant Professor (Sr. Grade), Department of EEE, Higher Education Forum Coordinator, PSG Institute of Technology and Applied Research, Coimbatore.



We are delighted to announce that the Department of ECE in association with Career Guidance Cell organize a Webinar on "International Opportunities for Higher Education" on 03.02.2025 Monday in online mode by the External Resource Person **Ms. S R Madhumithaa**, Director, Embriture, United Arab Emirates. The objective of this event is to provide insights into admission processes, eligibility criteria, and documentation requirements for international universities.



Exciting moments at the 24 hours Hackathon (Kanam'25) at Dr. NGP Institute of Technology on 09.02.2025. With 220 contestants, 55 teams of 4 members each, 2 teams of ESEC from the departments of ECE, EIE and AI&DS were selected as the competition was intense, and innovation at its peak.

Huge congratulations to our talented students for having been selected as one of the top ten teams out of fifty. They have been awarded as "pitch perfect" team.



Our III ECE students **Mr.P.Ranjith**, **Ms.C.R.Hemaniverthane**, **Mr.R.Adhithyavaradhan** and **Mr.A.Dinesh Kumar** have successfully completed 2nd Edition of 5 days IDE Bootcamp (Phase II) at PSNA COLLEGE OF ENGINEERING AND TECHNOLOGY, Dindigul from 17.02.2025 to 21.02.2025. We would like to congratulate our amazing students for their innovative thinking and teamwork. We are proud of your efforts and can't wait to see how you continue to excel in the world of technology and innovation. Keep up the amazing work!



Our III ECE A students Ms.G.Harini, Mr.A.Elangovan, Mr.N.Deepan and Mr.S.Dhinakaran have successfully completed 2nd Edition of 5 days IDE Bootcamp (Phase II) at Jai Bharath Institute of Management and Engineering Technology, Ernakulam, Kerala from 17.02.2025 to 21.02.2025.

Shoutout to all the students who participated in the IDE Bootcamp Name! Your enthusiasm and commitment to learning new skills are truly commendable. Every step you take brings you closer to success. Keep up the amazing work!



The Department of Electronics and Communication Engineering (ECE) is proud to have successfully organized an insightful seminar on "Energy Storage in Buildings" on 21.02.2025 Friday at ECE Seminar Hall.

We were honored to host Dr. A. R. Pappu, Assistant Professor, PSG iTech, Coimbatore, who shared invaluable insights on the latest advancements, challenges, and future prospects of energy-efficient storage solutions in modern buildings. A big thank you to all our participants, faculty, and organizers for making this seminar a success !!

ERODE SENGUNTHAR ENGINEERING COLLEGE
(AUTONOMOUS)
PERUNDURAI, ERODE - 638 057

Department of Electronics and Communication Engineering

Organizes One Day Seminar On
Energy Storage In Buildings

Resource Person

Dr. A. R. PAPPU
Assistant Professor
PSG ITECH
Coimbatore

21.02.2025
02:00 PM
ECE Seminar Hall

Thiru. G. Kamalamurugan,
Correspondent, ESEC

Thiru. S. N. Thangaraju,
Secretary, ESEC

Dr. V. Venkatachalam
Principal, ESEC

Convener
Dr. S. Bharathidasan
HOD/ECE

Coordinator
Ms. S. V. Saveethaa
AP/ECE




The Department of ECE in association with Career Guidance Cell have successfully hosted an insightful webinar on "International Opportunities for Higher Education" on 03.02.2025. This session provided students with valuable guidance on global education pathways, scholarships, admission processes, and career prospects. We were honored to have **Ms. S. R. Madhumithaa**, Director, Embriture, United Arab Emirates, who shared expert insights on studying abroad, choosing the right universities, and making the most of international academic experiences. A huge thank you to our esteemed speaker, enthusiastic participants, and dedicated organizers for making this event a great success!



We are delighted to announce that the Department of ECE is organizing an informative seminar on "Cyber Crime Awareness" on 07.03.2025 Friday at ECE Seminar Hall. The resource persons are **Ms. R. Kavithalakshmi**, Inspector of Police, Cyber Crime Police Station, Erode and **Ms. T. Selvi**, Sub Inspector of Police (Technical), Cyber Crime Police Station, Erode. This seminar provides the opportunity to understand the growing threats in the digital world and how to protect yourself from online fraud, identity theft, phishing, and other cyber crimes.



**ENGINEERING COLLEGE
AUTONOMOUS**
PERUNDURAI, ERODE -638057,





Department of Electronics &
Communication Engineering


Organizes

Seminar on Cyber Crime Awareness

RESOURCE PERSONS



R.Kavithalakshmi
Inspector of Police.
Cyber crime police station,
Erode



T. Selvi
Sub Inspector of Police (Technical)
Cyber crime police station,
Erode.

THIRU.G.KAMALAMURUGAN
CORRESPONDENT-ESEC

Dr.V.VENKATACHALAM
PRINCIPAL

THIRU.S.N.THANGARAJU
SECRETARY-ESET

Dr .S. BHARATHIDASAN
HOD/ECE

Event Coordinator:
Ms. K. R. Priya Dharshini, AP/ECE
Date:March 07,2025
Time:10:30 AM
Place:ECE SEMINAR HALL

11

FDP/STTP

Ms. J.S. Sharanyanivasini – Smart Strategies for Digital Marketing
FDP by Odugaatech Pvt Ltd – 18.01.2025 – Online – Participant

Ms.N.Gomathi – Power-Efficient VLSI Accelerators in HPC
ATAL FDP at BITS Pilani – 20.01.2025 to 25.01.2025 – Offline – Participant

Dr.S. Poorani – Intelligent IoT Computing
FDP at PSG Institute of Technology and Applied Research – 03.02.2025 to
08.02.2025 – Offline – Participant – ₹1000

Ms.N.Gomathi – Intelligent IoT Computing
FDP at PSG Institute of Technology and Applied Research – 03.02.2025 to
08.02.2025 – Offline – Participant

Dr.S. Poorani – Next-Gen SoC Design for Advanced Semiconductor Technology
STTP at Nandha Engineering College – 17.02.2025 to 21.02.2025 – Offline –
Participant

Dr.M.Sundaram – Next-Gen SoC Design for Advanced Semiconductor Technology
STTP at Nandha Engineering College – 17.02.2025 to 21.02.2025 – Offline –
Participant

Dr.V.Thamizharasan – Next-Gen SoC Design for Advanced Semiconductor
Technology
STTP at Nandha Engineering College – 17.02.2025 to 21.02.2025 – Offline –
Participant

Ms. N. R. Ragapriya – Sustainable Health with Technological Advancements
FDP at B.M.S College of Engineering – 17.02.2025 to 22.02.2025 – Offline –
Participant

Ms.N.Gomathi – Deep Learning and IoT Technologies in Precision Healthcare FDP at Kongu Engineering College, Erode – 16.08.2025 to 17.08.2025 – Offline – Participant

Dr.R.Vadivelu – Deep Learning and IoT Technologies in Precision Healthcare FDP at Kongu Engineering College, Erode – 16.08.2025 to 17.08.2025 – Offline – Participant

Ms.N.Gomathi – Deep Learning and IoT Technologies in Precision Healthcare FDP at Kongu Engineering College, Erode – 16.08.2025 to 17.08.2025 – Offline – Participant

Dr.R.Vadivelu – Deep Learning and IoT Technologies in Precision Healthcare FDP at Kongu Engineering College, Erode – 16.08.2025 to 17.08.2025 – Offline – Participant



NPTEL

Dr. V. Thamizharasan completed Digital Design with Verilog (Jan–Apr 2025) organized by IIT Guwahati, scoring 76 marks.
The course focused on digital system design using Verilog HDL.

Mr. M. Karthikkumar completed Wireless Ad hoc and Sensor Networks (Jan–Mar 2025) organized by IIT Kharagpur, scoring 88 marks.
It covered protocols and architectures for wireless sensor networks.

Mr. S. Gladson completed Digital Electronic Circuits (Jan–Apr 2025) via SWAYAM NPTEL, scoring 67 marks.

RESOURCE PERSONS

Ms. J. S. Sharanyanivasini served as a Resource Person for a seminar on Smart Strategies for Digital Marketing held on 18.01.2025, organized by Odugaatech Pvt Ltd.

She contributed online, sharing insights into digital marketing innovations.

SEMINAR

Ms. E.L. Dhivya Priya underwent a 4-week Industrial Training on Internet of Things starting 01.01.2025 at Academy of Skill Development.

She participated as a trainee, gaining practical exposure to IoT technologies.

Ms. J. S. Sharanyanivasini attended a seminar on AI & Blockchain Shaping the Future of Secure Intelligent Systems from 24.01.2025 to 25.01.2025 at NGP Institute of Technology, Coimbatore.

She contributed as a participant exploring secure system design using emerging technologies.

Mr. N. Sakthivel participated in a seminar on Artificial Intelligence in Wireless Communication and Sensor Networks from 23.01.2025 to 24.01.2025 at Karpagam Academy of Higher Education.

He engaged in discussions on AI applications in wireless and sensor networks.

FACULTY AS REVIEWER IN CONFERENCES AND JOURNALS

Dr.V.Thamizharasan published Carry Look Ahead Adder using 11-T Hybrid Full Adder in Analog Integrated Circuits and Signal Processing, Springer, IF: 1.2, SCI. ISSN: 1573-1979, January 2025.

Dr.V.Thamizharasan published Floating Point Matrix Multiplication using Combined Features of Multipliers in Scientific Reports, Springer, IF: 3.7, SCI. ISSN: 2045-2322, January 2025.

Dr.V.Thamizharasan published Dynamic Parity Generator and Parity Checker in Analog Integrated Circuits and Signal Processing, Springer, IF: 1.2, SCI. ISSN: 1573-1979, February 2025.

Dr.V.Thamizharasan published Anaglyph Image Generation Using Three-Operand Multiplier on FPGA in Automatika, Taylor & Francis, IF: 1.7, SCI. ISSN: 0005-1144, March 2025.

Dr.V.Thamizharasan published Optimized Reversible Carry Select Adder in International Journal of Electronics, Taylor & Francis, IF: 1.1, SCI. ISSN: 0020-7217, March 2025.

M.Karthikkumar published Vedic Multiplier using 4-2 Compressor Adder for Image Processing in International Journal of Electronics, Taylor & Francis, IF: 2.1, SCI/SCOPUS/WoS. Published on 19 March 2025.

Dhivya Priya E L published CPW-fed Multiband Antenna with SAR Analysis on Human Head Phantom in Wireless Networks, Springer, IF: 2.5, A1. Published on 18 March 2025.

Dhivya Priya E L presented Trends in E-Cigarette Messaging and Clinically Trained Executives in Hospital Pay-for-Performance at SAIIBH 2025, Sri Krishna College of Technology. DBT-Sponsored International Conference, Coimbatore, 20–21 March 2025.

BOOK PUBLICATIONS

Dr. S. Bharathidasan authored Image Processing Techniques and its Applications in Computer Vision and Artificial Intelligence, published by Rademics, indexed in Google Scholar. ISBN10: 8197933669, ISBN13: 9788197933660, Year: 2025.

Dr. S. Bharathidasan authored Python Programming Strategies for Deploying Artificial Intelligence in Autonomous Systems, published by Rademics, indexed in Scopus. Year: 2025.

Dr. S. Bharathidasan authored Fundamentals of Intellectual Property Rights, published by RK Publications, indexed in Scopus.
ISBN: 978-93-48655-44-8, Year: 2025.

Dhivya Priya E L authored The Integration of Augmented and Virtual Reality in Modern Manufacturing in the book Manufacturing Strategies and Systems Technologies, Processes, and Machine Tools, published by CRC Press.
ISBN: 9781032715414, Indexed in Scopus, Published on 01-Feb-2025.

PATENT PUBLICATIONS

Dr.R.Kalaivani – Effective Alert System For Farmers Using IoT Devices
Published on 21.02.2025 – Application No: 202541012110

Ms.K.R.Priya Dharshini – IoT-based Stress Detection Cap
Published (Grant) on 06.01.2025 – Application No: 435387-001

Dhivya Priya E L – AI-driven Smart Pottery Manufacturing with Optimized Kiln
Published on 27.02.2025 – Application No: 202541017188

Dhivya Priya E L – Restructured Medication Transport Device (RMT Device)
Published on 27.02.2025 – Application No: 202541017169

Ms. N. R. Ragapriya – IoT Agriculture Monitoring with Blockchain & ML
Published on 31.01.2025 – Application No: 202541005948A

JOURNAL PUBLICATIONS

Dr.R.Kalaivani – Designing an Economical Solar-Powered System for Mercury Recovery from CFL Waste Alochana Journal, Vol. 14, Issue 4, pp. 265–277, 2025 –

[DOI](#)

Dr.R.Kalaivani – Energy-Efficient Approximate Computing via Recursive Multiplier in Error-Tolerant Applications Journal of Circuits, Systems and Computers, Vol. 34, Issue 7, 2025 – DOI: 10.1142/S0218126625501622

Dr.S.Bharathidasan – Low-Cost CD Drive-Based Assistive Drawing Device for Motor Disorders IRJAEM, Vol. 3, Issue 2, pp. 323–328, 02.02.2025 – [DOI](#)

Dr.S.Bharathidasan – Satellite-Based Automatic Road Accident Detection Using GPS and GSM IRJAEM, Vol. 3, Issue 2, pp. 329–333, 03.02.2025 – [DOI](#)

Ms. Dhivya Priya E L – Twin-Port Transmission Line Model Antenna for Wireless ITS V2X Applications Wireless Networks, Vol. 31, Feb 2025, pp. 2755–2768 – [DOI](#)

Mr.S.Gladson – Congestion Control in MANET via Dragonfly Optimized Deep Learning Model Bulletin of the Polish Academy of Sciences, Vol. 73, Issue 3, March 2025 – DOI: 10.24425/bpasts.2025.153231

Ms.D.Viji – ML-Based Smart Drone System for Spraying Pesticides IRJAEH, Vol. 3, Issue 3, pp. 403–411, March 2025 – DOI:10.47392/IRJAEH.2025.0055

Dr.V.Thamizharasan – FPGA Implementation of Efficient Multiplier Architecture Using Reversible Logic WSEAS Transactions on Signal Processing, Vol. 21, pp. 51–58, 01.06.2025 – DOI: 10.37394/232014.2025.21.7

CONFERENCE PUBLICATIONS

Ms.C.Mekala – Enhanced Patient Tracking with Deep Transfer Learning
ICMCSI 2025, Purbanchal University, Nepal – 07 & 08 Jan 2025 – International –
₹4000

Mr.S.Gladson – Enhanced Patient Tracking with Deep Transfer Learning
ICMCSI 2025, Purbanchal University, Nepal – 07 & 08 Jan 2025 – International –
₹4000

Ms. J. S. Sharanyanivasini – Resilient Image Watermarking Using SW Transform
International Conference on Information and Communication Systems, VVCE –
04 & 05 Feb 2025 – International – ₹3000

Dr.V.Thamizharasan – Carry Look-Ahead Adder for Signal Processing
National Conference on AI, ML & Cybernetics, Bannari Amman Institute of
Technology – 07 Feb 2025 – National – ₹2000

Ms.S.Dhivya – Carry Look-Ahead Adder for Signal Processing
National Conference on AI, ML & Cybernetics, Bannari Amman Institute of
Technology – 07 Feb 2025 – National – ₹2000

Dr.S.Poorani – Smart Irrigation System for Coconut Farming Using IoT
3rd International Conference on Electronics and Renewable Systems, St. Mother
Theresa Engineering College – 11–13 Feb 2025 – International – ₹3000

Ms.R.Savitha – Smart Irrigation System for Coconut Farming Using IoT
3rd International Conference on Electronics and Renewable Systems, St. Mother
Theresa Engineering College – 11–13 Feb 2025 – International – ₹3000

Dr. S. Bharathidasan – Alzheimer's Nodule Detection via Deep Learning
ICACCS 2025, Sri Eshwar College of Engineering, Coimbatore – 13 Feb 2025 –
International – ₹2000

Dr. R. Kalaivani – AI-Based IoT Real-Time Air Monitoring System
NCIICT 2025, Bannari Amman Institute of Technology – 15 Feb 2025 – National
– ₹2000

Dr.V.Thamizharasan – Full Adder Using VLSI Circuit Families
NCAIQUBIT 2025, Karpagam Academy of Higher Education – 04 Mar 2025 –
National – ₹3000

Dr.V.Thamizharasan – Wavegen Mini: Pocket-Sized Waveform Generator
NCAIQUBIT 2025, Karpagam Academy of Higher Education – 04 Mar 2025 –
National – ₹2000

Dr. R. Kalaivani – Soil Analysis and Crop Recommendation Using ML
NCAIQUBIT 2025, Karpagam Academy of Higher Education – 04 Mar 2025 –
National – ₹2000

Ms. K.R. Priyadharshini – Automated Campus Tour Guide
NCAIQUBIT 2025, Karpagam Academy of Higher Education – 04 Mar 2025 –
National – ₹2000

Ms. J. S. Sharanyanivasini – Tech-Driven Vault for Package Management
NCAIQUBIT 2025, Karpagam Academy of Higher Education – 04 Mar 2025 –
National – ₹2000

Ms. J. S. Sharanyanivasini – Advanced Cryptographic Techniques for Searchable
Encryption NCAIQUBIT 2025, Karpagam Academy of Higher Education – 04
Mar 2025 – National – ₹2000

Dr.R.Vadivelu – Wireless Emergency Alerts for Tribes During Disasters
Sustainable Materials & Technologies 4.0, Bannari Amman Institute of
Technology – 07 & 08 Mar 2025 – International – ₹2000

Ms. K.R. Priyadharshini – Creamy Delight Churner Machine
NCAEB'2025, Bannari Amman Institute of Technology – 08 Mar 2025 – National
– ₹2000

Mr.S.Gladson – Green Guard Recycling Hub and Waste Management
ICESM 2025, Guru Gobind Singh College of Engineering, Maharashtra – 11 & 12
Mar 2025 – International – ₹3000

Ms.M.A.Asuvanti – Wireless Mobile Charging Seats by Solar
SMATAI 2025, Karpagam College of Engineering – 21 Mar 2025 – National –
₹2000

Mr.S.Gladson – Exploring Nanomaterials in Environmental Technology
E3S Web of Conference – 20 Apr 2025 – International – ₹N/A

Mr.S.Gladson – Connected 3D Scanning for Blind Mobility
ICFTSEM-II 2025, St. Xavier's College of Management & Technology – 27 & 28
Feb 2025 – International – ₹3000

Dr.S.Karthick – Smart Irrigation System for Precision Farming
EMPOWER 2025, SRM Institute of Science & Technology, Chennai – 25 & 26
Feb 2025 – International – ₹3000

Ms. N. R. Raghapriya – IoT-Enabled Traffic Management Using CNN TransLSTM
ICICS 2025, Sir M Visvesvaraya College of Engineering, Raichur – 21 & 22 Feb
2025 – International – ₹3000

RESEARCH PROPOSALS

Dr. R. Kalaivani participated in a seminar titled "NBA – Margadarshan scheme – Mentor – Mentee -NBA-ECE document verification" held at Shree Venkateshwara Hi Tech Engineering College, Gobi on 23.08.2024, conducted offline. Dr. R. Kalaivani served as the Resource Person.

Mr. V. Thamizhharasan attended the "20th National Level Students Technical Symposium (ELECTRIC 2K24)" at Velalar College of Engineering and Technology on 13.09.2024, conducted offline. Mr. V. Thamizhharasan served as the Resource Person.

STUDENT PARTICIPATIONS

Sri Sanjay Smith P – II/IV Advanced Modulation Techniques for 5G and Beyond
15.03.2025 – KPR Institute of Engineering College, Coimbatore National –
Participation

Siva Sakthi K – II/IV Advanced Modulation Techniques for 5G and Beyond
15.03.2025 – KPR Institute of Engineering College, Coimbatore National –
Participation

Logesh V – II/IV Advanced Modulation Techniques for 5G and Beyond 15.03.2025 –
KPR Institute of Engineering College, Coimbatore National – Participation

Vitheesh C – II/IV FPGA-Based System Design For Signal Processing 14.03.2025 –
KPR Institute of Engineering College, Coimbatore National – Participation

Pradeepan M – II/IV Neural Network Optimization in VLSI 14.03.2025 – KPR
Institute of Engineering College, Coimbatore National – Participation

Naveen S S – II/IV Neural Network Optimization in VLSI 14.03.2025 – KPR Institute
of Engineering College, Coimbatore National – Participation

Shibi Krishnan C – II/IV Neural Network Optimization in VLSI 15.03.2025 – KPR
Institute of Engineering College, Coimbatore National – Participation

Dhanalakshmi – IV/VIII Advanced Modulation Techniques for 5G and Beyond
15.03.2025 – KPR Institute of Engineering College, Coimbatore National –
Participation

Harinisha K – II/IV Advanced Modulation Techniques for 5G and Beyond 15.03.2025
– KPR Institute of Engineering College, Coimbatore National – Participation

Santhosh.S – IV/VIII Vertical Plants Irrigation System with IoT Cloud 04.03.2025 –
Karpagam Academy of Higher Education, Coimbatore National – Participation

Pathi M – IV/VIII Vertical Plants Irrigation System with IoT Cloud 04.03.2025 – Karpagam Academy of Higher Education, Coimbatore National – Participation

NandhaKumar S – IV/VIII Vertical Plants Irrigation System with IoT Cloud 04.03.2025 – Karpagam Academy of Higher Education, Coimbatore National – Participation

SrimanSaran K – IV/VIII Vertical Plants Irrigation System with IoT Cloud 04.03.2025 – Karpagam Academy of Higher Education, Coimbatore National – Participation

Vidyadharan R – IV/VIII Soil Analysis and Crop Recommendation Using ML 04.03.2025 – Karpagam Academy of Higher Education, Coimbatore National – Participation

Sham Kumar S – IV/VIII Soil Analysis and Crop Recommendation Using ML 04.03.2025 – Karpagam Academy of Higher Education, Coimbatore National – Participation

Rajesh Kumar.S – IV/VIII Soil Analysis and Crop Recommendation Using ML 04.03.2025 – Karpagam Academy of Higher Education, Coimbatore National – Participation

Roy Marshal.J – IV/VIII Soil Analysis and Crop Recommendation Using ML 04.03.2025 – Karpagam Academy of Higher Education, Coimbatore National – Participation

Karthigan.P – IV/VIII Greenhouse Monitoring and Controlling System Based on IoT 04.03.2025 – Karpagam Academy of Higher Education, Coimbatore National – Participation

Jayasurya.J – IV/VIII Greenhouse Monitoring and Controlling System Based on IoT 04.03.2025 – Karpagam Academy of Higher Education, Coimbatore National – Participation

Abinesh A – IV/VIII Automated Campus Tour Guide 04.03.2025 – Karpagam Academy of Higher Education, Coimbatore National – Participation

- Mageswar.B** – IV/VIII Automated Campus Tour Guide 04.03.2025 – Karpagam Academy of Higher Education, Coimbatore National – Participation
- Dinesh Kumar.P** – IV/VIII Automated Campus Tour Guide 04.03.2025 – Karpagam Academy of Higher Education, Coimbatore National – Participation
- Magudeeswaran.M** – IV/VIII Automated Campus Tour Guide 04.03.2025 Karpagam Academy of Higher Education, Coimbatore National – Participation
- Prema.A** – II/IV FPGA-Based System Design For Signal Processing 01.03.2025 – Kongu Engineering College, Erode National – Participation
- Mathana.R** – II/IV FPGA-Based System Design For Signal Processing 01.03.2025 – KIT Institute of Technology, Coimbatore National – Participation
- Meenumathi.A** – II/IV FPGA-Based System Design For Signal Processing 01.03.2025 – KIT Institute of Technology, Coimbatore National – Participation
- P.Saranya** – IV/VIII Connected 3D Scanning Solution For Enhanced Mobility of the Blind 27–28.02.2025 – St. Xavier's College of Management & Technology, Patna International – Participation
- C.Mohana** – IV/VIII Connected 3D Scanning Solution For Enhanced Mobility of the Blind 27–28.02.2025 – St. Xavier's College of Management & Technology, Patna International – Participation
- B.S.Nithya** – IV/VIII Connected 3D Scanning Solution For Enhanced Mobility of the Blind 27–28.02.2025 – St. Xavier's College of Management & Technology, Patna International – Participation
- V.S. Vikashni** – IV/VIII Connected 3D Scanning Solution For Enhanced Mobility of the Blind 27–28.02.2025 – St. Xavier's College of Management & Technology, Patna International – Participation

Sri Aravind.K – IV/VIII Design and Implementation of Solar Panel Cleaning Robot using Node MCU 17.02.2025 – Bannari Amman Institute of Technology, Erode National – Participation

Manoj.A – IV/VIII Design and Implementation of Solar Panel Cleaning Robot using Node MCU 17.02.2025 – Bannari Amman Institute of Technology, Erode National – Participation

Naveen.P.V – IV/VIII Design and Implementation of Solar Panel Cleaning Robot using Node MCU 17.02.2025 – Bannari Amman Institute of Technology, Erode National – Participation

Parthipan.R – IV/VIII Design and Implementation of Solar Panel Cleaning Robot using Node MCU 17.02.2025 – Bannari Amman Institute of Technology, Erode National – Participation

Balamurugan.V.M – IV/VIII Patient Monitoring System Using LabVIEW 15.02.2025 – Bannari Amman Institute of Technology, Erode National – Participation

Gokulakrishnan.S – IV/VIII Patient Monitoring System Using LabVIEW 15.02.2025 – Bannari Amman Institute of Technology, Erode National – Participation

Chandru.N – IV/VIII Patient Monitoring System Using LabVIEW 15.02.2025 – Bannari Amman Institute of Technology, Erode National – Participation

Cipiraj.R.P – IV/VIII Patient Monitoring System Using LabVIEW 15.02.2025 – Bannari Amman Institute of Technology, Erode National – Participation

Prasanth – II/IV A Virtual Assistant System For Enhanced Independence of Blind People 14.02.2025 – Karpagam Academy of Higher Education, Coimbatore National – Participation

Jayasri M – IV/VIII FPGA Implementation of High Performance Carry Look-Ahead Adder Architecture 07.02.2025 – Bannari Amman Institute of Technology, Erode National – Participation

Kayathri C – IV/VIII FPGA Implementation of High Performance Carry Look-Ahead Adder Architecture 07.02.2025 – Bannari Amman Institute of Technology, Erode National – Participation

Dharshini N – IV/VIII FPGA Implementation of High Performance Carry Look-Ahead Adder Architecture 07.02.2025 – Bannari Amman Institute of Technology, Erode National – Participation

MuhamuthuAmar.K – II/IV Li-Fi Technology: The Future of Data Communication 06–07.02.2025 – Karpagam Institute of Technology, Coimbatore National – Participation

Kowshick.S – II/IV Li-Fi Technology: The Future of Data Communication 06–07.02.2025 – Karpagam Institute of Technology, Coimbatore National – Participation

Naveen Kumar.R.K – II/IV Li-Fi Technology: The Future of Data Communication 06–07.02.2025 – Karpagam Institute of Technology, Coimbatore National – Participation

DeepakKumar.N – II/IV The Use of Deep Learning in Signal Processing 06–07.02.2025 – Karpagam Institute of Technology, Coimbatore National – Participation

Deepak Kumar.B – II/IV The Use of Deep Learning in Signal Processing 06–07.02.2025 – Karpagam Institute of Technology, Coimbatore National – Participation

Dinesh.P – II/IV The Use of Deep Learning in Signal Processing 06–07.02.2025 – Karpagam Institute of Technology, Coimbatore National – Participation

BharaniDharan.R – II/IV Biomedical Signal Processing for Healthcare Applications 06–07.02.2025 – Karpagam Institute of Technology, Coimbatore National – Participation

Monesh.V – II/IV Biomedical Signal Processing for Healthcare Applications 06–07.02.2025 – Karpagam Institute of Technology, Coimbatore National – Participation

Monika Shree.J.I – II/IV Biomedical Signal Processing for Healthcare Applications
06–07.02.2025 – Karpagam Institute of Technology, Coimbatore National –
Participation

Prema.A – II/IV Biomedical Signal Processing for Healthcare Applications 01.03.2025
– Kongu Engineering College, Erode National – Participation

Lavanya.K – II/IV Testing and Verification of VLSI Circuits 06–07.02.2025 –
Karpagam Institute of Technology, Coimbatore National – Participation

Sanjay.V – II/IV Testing and Verification of VLSI Circuits 06–07.02.2025 – Karpagam
Institute of Technology, Coimbatore National – Participation

Mathana.R – II/IV Testing and Verification of VLSI Circuits 06–07.02.2025 –
Karpagam Institute of Technology, Coimbatore National – Participation

Meenumathi.A – II/IV Testing and Verification of VLSI Circuits 06–07.02.2025 –
Karpagam Institute of Technology, Coimbatore National – Participation

KaviPrasath.M – II/IV Li-Fi Technology: The Future of Data Communication 06–
07.02.2025 – Karpagam Academy of Higher Education, Coimbatore National –
Participation

Dhanush.M – II/IV Li-Fi Technology: The Future of Data Communication 06–
07.02.2025 – Karpagam Academy of Higher Education, Coimbatore National –
Participation

HariPrasath.V – IV/VIII Solar Power Management using Machine Learning
18.12.2024 – Bannari Amman Institute of Technology, Erode National – Participation

Balasaravanan.N – IV/VIII Solar Power Management using Machine Learning
18.12.2024 – Bannari Amman Institute of Technology, Erode National – Participation

Karthik.R – IV/VIII Solar Power Management using Machine Learning 18.12.2024 –
Bannari Amman Institute of Technology, Erode National – Participation

GobiAnand.K – IV/VIII Solar Power Management using Machine Learning 18.12.2024
– Bannari Amman Institute of Technology, Erode National – Participation

SonuKumar – IV/VIII Smart Wearable Location Tracker During Disaster using IoT
18.12.2024 – Bannari Amman Institute of Technology, Erode National – Participation

Abhishek Kumar – IV/VIII Smart Wearable Location Tracker During Disaster using IoT
18.12.2024 – Bannari Amman Institute of Technology, Erode National – Participation

Vinothkumar.S – IV/VIII Smart Wearable Location Tracker During Disaster using IoT
18.12.2024 – Bannari Amman Institute of Technology, Erode National – Participation

Sandosh.S – IV/VIII Smart Wearable Location Tracker During Disaster using IoT
18.12.2024 – Bannari Amman Institute of Technology, Erode National – Participation

Monesh.V – II/III Advanced Modulation Techniques for 5G and Beyond 25.10.2024 –
Kongu Engineering College, Erode National – Participation

Jayashree.M – II/III Advanced Modulation Techniques for 5G and Beyond 25.10.2024 –
Kongu Engineering College, Erode National – Participation

PriyaDharshini.S – II/IV Advanced Modulation Techniques for 5G and Beyond
04.03.2025 – Kongu Engineering College, Erode National – Participation

Kavin.S – II/IV Embedded Systems For Automotive Applications 04.03.2025 – Kongu
Engineering College, Erode National – Participation

Sanjay.V – II/IV Embedded Systems For Automotive Applications 04.03.2025 – Kongu
Engineering College, Erode National – Participation

MuhamuthuAmar.K – II/IV Embedded Systems For Automotive Applications 04.03.2025
– Kongu Engineering College, Erode National – Participation

Meenumathi.A – II/IV Embedded Systems For Automotive Applications 04.03.2025 –
Kongu Engineering College, Erode National – Participation

Mathana.R – II/III A Virtual Assistant System For Enhanced Independence of Blind
People 05.10.2024 – Velalar College of Engineering and Technology, Erode National –
Participation

Ariyan Kumar – II/III The Role of Artificial Intelligence in Next-Generation Wireless
Networks 10–12.03.2024 – Surya Engineering College, Erode National – Participation

Bharanidharan R – II/IV Technical event during TECHUTSA V SYNERGIC Z 2.0
21.03.2025 – Thiagarajar College of Engineering, Madurai National – Participation

Deepak Kumar N – II/IV Technical event during TECHUTSA V SYNERGIC Z 2.0
21.03.2025 – Thiagarajar College of Engineering, Madurai National – Participation

Dinesh P – II/IV Technical event during TECHUTSA V SYNERGIC Z 2.0 21.03.2025
– Thiagarajar College of Engineering, Madurai National – Participation

Deepak Kumar B – II/IV Technical event during TECHUTSA V SYNERGIC Z 2.0
21.03.2025 – Thiagarajar College of Engineering, Madurai National – Participation

Dhinakaran M – II/IV Technical event during TECHUTSA V SYNERGIC Z 2.0
21.03.2025 – Thiagarajar College of Engineering, Madurai National – Participation

Franklin Joyson S – II/IV Technical event during TECHUTSA V SYNERGIC Z 2.0
21.03.2025 – Thiagarajar College of Engineering, Madurai National – Participation

Pradeepan M – II/IV Quiz 14.03.2025 – KPR Institute of Engineering College,
Coimbatore National – Participation

Shibi Krishnan C – II/IV Quiz 14.03.2025 – KPR Institute of Engineering College,
Coimbatore National – Participation

Kishore A S – II/IV Circuit Replication Challenge during FIESTAA'25 14.03.2025 –
KPR Institute of Engineering College, Coimbatore National – Participation

Sri Sanjay Smith P – II/IV Circuit Replication Challenge during FIESTAA'25
14.03.2025 – KPR Institute of Engineering College, Coimbatore National –
Participation

Mathan Kumar S U – II/IV Circuit Replication Challenge during FIESTAA'25
14.03.2025 – KPR Institute of Engineering College, Coimbatore National –
Participation

Siva Sakthi.K – II/IV Link & Sync during FIESTAA'25 15.03.2025 – KPR Institute of
Engineering College, Coimbatore National – Participation

- Sri Sanjay Smith.P** – II/IV Link & Sync during FIESTAA'25 15.03.2025 – KPR Institute of Engineering College, Coimbatore National – Participation
- MathanKumar.S.U** – II/IV Innovators Arena during FIESTAA'25 14.03.2025 – KPR Institute of Engineering College, Coimbatore National – Participation
- Kishore A S** – II/IV Innovators Arena during FIESTAA'25 14.03.2025 – KPR Institute of Engineering College, Coimbatore National – Participation
- Kishore S** – II/IV Model Mania during FIESTAA'25 14.03.2025 – KPR Institute of Engineering College, Coimbatore National – Participation
- Kishore S** – II/IV Circuit Replication Challenge during FIESTAA'25 14.03.2025 – KPR Institute of Engineering College, Coimbatore National – Participation
- Naveen.S.S** – II/IV Coding and Tech Quiz during AVENTURO 2k25 05.03.2025 – Kongu Engineering College, Perundurai National – Participation
- Vishnu Priyan.K** – II/IV Coding and Tech Quiz during AVENTURO 2k25 05.03.2025 – Kongu Engineering College, Perundurai National – Participation
- ShibiKrishnan.C** – II/IV Coding and Tech Quiz during AVENTURO 2k25 05.03.2025 – Kongu Engineering College, Perundurai National – Participation
- VijayaBala.K** – II/IV Coding and Tech Quiz during AVENTURO 2k25 05.03.2025 – Kongu Engineering College, Perundurai National – Participation
- Prasanth.S** – II/IV Coding and Tech Quiz during AVENTURO 2k25 05.03.2025 – Kongu Engineering College, Perundurai National – Participation
- Rohith.G** – II/IV Coding and Tech Quiz during AVENTURO 2k25 05.03.2025 – Kongu Engineering College, Perundurai National – Participation
- Sathya.K** – II/IV Coding and Tech Quiz during AVENTURO 2k25 05.03.2025 – Kongu Engineering College, Perundurai National – Participation
- Malarvizhi.S** – II/IV Coding and Tech Quiz during AVENTURO 2k25 05.03.2025 – Kongu Engineering College, Perundurai National – Participation

STUDENTS ACHIEVEMENTS

Kavin S (II/III) and Priya Dharshini (II/III) secured First Prize (**Rs.1000**) in Paper Presentation titled “Printed Circuits Boards in VLSI Circuits” at SPAVE 2K25, Kongu Engineering College, Erode on 04.03.2025.

SriSanjaySmith.P (II/IV), Kishor.A.S (II/IV), and MathanKumar.S.U (II/IV) jointly won Second Prize (**Rs.3000**) Shield for their project “Enhanced Throttle Locking Mechanism” at PROJECT War during FIESTA 25, KPR Institute of Engineering College, Coimbatore on 14.03.2025.

Dhanalakshmi (IV/VIII) won First Prize (**Rs.1500**) in a Paper Presentation on “Advanced Modulation Techniques for 5G and Beyond” at FIESTAA’25, KPR Institute of Engineering College, Coimbatore on 15.03.2025.

Deepan N (III/VI) achieved First Prize (**Rs.1000**) Shield for his project “Smart Harvesting Robot” at Project Presentation, Nandha College of Engineering, Perundurai on 05.04.2025.

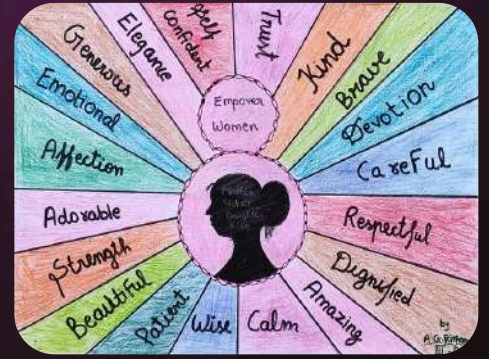
WOMEN'S DAY 2K25 CELEBRATION



ARCHANA V
II-ECE



A G RITHANYA
III-ECE



A G RITHANYA
III-ECE



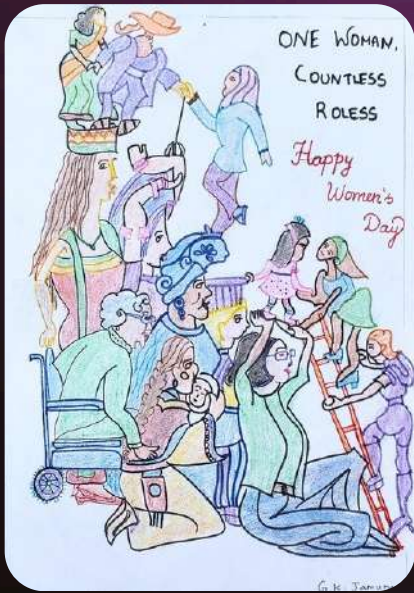
MADHUMITHA T
IV-ECE



A G RITHANYA
III-ECE



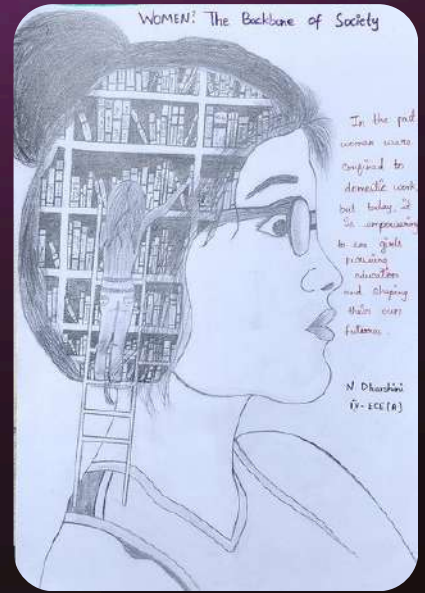
KEERTHANA C
II-ECE



G K JAMUNA
II-ECE



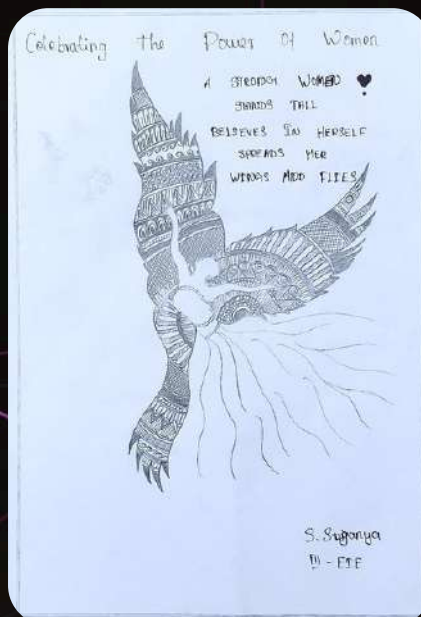
G K JAMUNA
II-ECE



N DHARSHINI
IV-ECE



S JEEVITHA
III-ECE



SUGANYA S
III-ECE



M POOVARASI
IV-ECE

RENAULT NISSAN



ARJUN R
5.25 LPA

CALIBRIANT TECHNOLOGIES



DHANALAKSHMI S
4 LPA

DYNAMIXON



KAYATHRI C
2.4 LPA



DEVIPRIYA G
2.4 LPA



JAMUNA RANI N
2.4 LPA



DHARSHINI I
2.4 LPA

GANESH AUTOMATION



AJAY S
2.7 LPA



RAGULGANDHI S
2.7 LPA

HINTS TECHNOLOGIES



BALAMURUGAN V M
3.75 LPA



GOKIL RAJA P
3.5 LPA

EMD SOFTWARES



KARTHIK R
3 LPA

FIEM INDUSTRIES



BALASARAVANAN N
2 LPA



GOBI ANAND K
2 LPA



ARJUN K
2 LPA

AGILE ELECTROMECHANICAL LLC



KARTHIGAN P
2.4 LPA



VINOTHKUMAR S
2.4 LPA



VIDHYADHARAN R
2.4 LPA



MAGUDEESWARAN M
2.4 LPA



GOWTHAM VK
2.4 LPA



DINESH KUMAR P
2.4 LPA



SONU KUMAR
2.4 LPA



POOVARASI
2.4 LPA



GOPINATH M
2.4 LPA



SARANYA P
2.4 LPA



GAYATHRI R
2.4 LPA



JN MACHINERIES

NAVEEN P V
2.2 LPA

SWAY AUTOMATION & TECHNOLOGIES



DHARANISH
2 LPA



MATHAVAN
2 LPA



MAHAVISHNU J
2 LPA



JEEVANATHAM
2 LPA



BMS INFRA

PARTHIPAN
2 LPA



CAREER PATH

VIKASHNI V S
2 LPA

FOXCON INDIA



KAVITHA P
2 LPA



ILLAKIYAVANI K R
2 LPA



BHAVANI V
2 LPA



NESHITHA M
2 LPA

PEGATRON



ABHISHEK KUMAR
2.1 LPA



JAYASRI M
2.1 LPA



ABINESH A
2.1 LPA



VISHAL S V
2.1 LPA



KRISHNA BHARATHI A
2.1 LPA



SRI MATHI G
2.1 LPA



ROY MARSHAL J
2.1 LPA



HEMALATHA T
2.1 LPA



GEETHA S
2.1 LPA



JESLYN S
2.1 LPA



AMBIKA D
2.1 LPA



MOHANA C
2.1 LPA



SHAMKUMAR S
2.1LPA



MAGESHWAR B
2.1 LPA



SRI ARAVIND
2.1 LPA

MITSHUA



SELVARANI S
2 LPA



NITHYA B S
2 LPA



VIJAYALAKSHMI P
2 LPA



PRIYANKA DEVI S
2.4 LPA

CODTECH IT SOLUTIONS PVT. LTD.



SUJEETH P
2 LPA



THIYAGARAJAN
2 LPA

ALSTOM TRANSPORT INDIA LIMITED



KEERTHIVASAN
3.76 LPA

EDITORIAL TEAM



**MR.S. GLADSON AP/ECE
CO-ORDINATOR**

I AM TRULY HONORED TO HAVE CONTRIBUTED TO THE CREATION OF MAGAZINE AND I EXTEND MY HEARTFELT GRATITUDE TO THE ENTIRE TEAM WHOSE DEDICATION MADE THIS POSSIBLE.



**DR.S. BHARATHIDASAN
HOD/ECE**

I AM DELIGHTED TO HAVE LED THE TEAM OF EDITORS WHO CONTRIBUTED TO THIS MAGAZINE. THEIR CREATIVITY, CURIOSITY, AND COMMITMENT HAVE TRULY BROUGHT THIS PUBLICATION TO LIFE. WORKING WITH MY STUDENTS HAS BEEN A REWARDING AND MEMORABLE EXPERIENCE.

**EDITOR-SANJAY V
CONTENT WRITER-KISHOR A S
MATHAN KUMAR S U
SRISANJAY SMITH P**



Caffeine + creativity = editorial energy!

WHIZZCOM CHRONICLE 2024-25

THANK YOU