

EDITORS' NOTE

Dear Reader,

This edition of our newsletter showcases the remarkable achievements of our students and faculty, reflecting our institution's dynamic spirit. Honouring the vision of our Founder Chairman, Dr KCG Verghese- "To make every man a success and no man a failure"- we continue to empower future-ready professionals. Our recognition in the Technology & AI Education Rankings 2025 reaffirms this commitment. From groundbreaking projects to cultural excellence, our students shine across domains. Strengthening industry collaboration through MoUs with ERNET India and SolidPro Engineering Solutions, we foster innovation and skill development. Our educational sessions equip students with cutting-edge knowledge, shaping a future of limitless possibilities.

Together, we move forward, transforming aspirations into achievements and shaping a future driven by excellence and innovation.

Happy Reading!



EDITORS:

Dr. R. Jaya

Associate Professor,
Department of English
Head - Student Affairs

Ms. Tephilla Joice P

Assistant Professor,
Department of Mathematics

NBA Accreditation

Departments of Automobile Engineering and Electrical and Electronics Engineering have been granted accreditation for a period of three years, from the Academic Year 2025-26 to 2027-28 by National Board of Accreditation.



Education World India Higher Education Rankings



The College has been ranked 15th in Tamil Nadu under the Private Engineering Institutes category in the Education World India Higher Education Rankings 2025-26.

GHRDC Engineering College Survey 2025

The College has been recognized in the prestigious GHRDC Engineering College Survey 2025.



Team Peppers Triumphs at International Tech Challenge

Team Peppers, comprising Mohamed Shuhail G, Mudhassir Habeeb KM, Harish Aditya GK, and Mohamed Mubeen H from ECE (3rd Year), along with Rithika SK and Iyaad Luqman K from CSE (2nd Year), emerged victorious at the prestigious Technology Infusion Grand Challenge 2024, hosted by La Trobe University, Melbourne. Competing among 174 teams from 16 universities across Asia, they were shortlisted for their groundbreaking project, "AquaSaveX – Revolutionizing Laundry," a visionary concept for a waterless washing machine. The team was awarded an AUD 800 grant to support their innovation and went on to win the People's Choice Award, receiving a cash prize of ₹1,00,000 at the grand finale held at JW Marriott, Delhi.



India Design Week Challenge

Harini E. (3rd Year, Mechanical) and Hemanathan E. (2nd Year, Mechanical) won the Jury Special Recognition Award at the India Design Week Challenge organized by ICT Academy. Competing among 7,000 teams from across India, their innovative idea stood out and earned them a place in the top 150 teams shortlisted for the grand finale.



SAEINDIA TIFAN 2025

Team Agriino 2.0, comprising 25 dedicated student members, represented the institution with excellence at the SAEINDIA TIFAN 2025 competition, organized by SAEINDIA Northern Section. Out of 57 teams from across India, including 5 from Tamil Nadu, our team qualified for the Design Presentation and Business Plan rounds. Notably, they advanced to the prestigious Proof of Concept (POC) round, becoming one of only 37 teams to reach this stage. Demonstrating innovation and technical skills, the team successfully completed two dynamic testing rounds and an endurance test, where they secured an impressive 4th place. Overall, Agriino 2.0 achieved a commendable 14th rank, marking a proud moment for the institution.



CAUSE 2025 Global Innovation Challenge

Team Sterilysense, comprising **Rahul G** (Final Year EEE), **Gnana Dency**, **Mohana Priya**, and **Kanishka B** (Third Year, AIDS), achieved the First Runner-Up position at CAUSE 2025, a prestigious global innovation challenge organized by CMR University, Bangalore. Out of over 800+ teams from around the world, the team advanced to the Solution Showcase (Round 2) as one of the top 70 teams. Demonstrating exceptional innovation and teamwork, they progressed to the Final Round (Ground Zero), where they emerged as First Runner-Up and received a cash prize of ₹20,000.



Team KURARETTO Shines at Innovation Challenges

Team KURARETTO showcased their exceptional talent by securing top positions in two prestigious competitions. At IET IDEATHON 2025, conducted by Jeppiaar Engineering College, the team comprising J. Claret De Cruz, Alan Moses V. P., and Kamakshi won the First Prize along with a cash award of ₹2,000 for their innovative idea. Continuing their winning streak, the same team—joined by Dinesh R.—participated in WEB-A-THON 2025, an international-level 24-hour online hackathon hosted by St. Joseph's College of Engineering. Competing against over 100 teams from across the globe, they secured the Second Runner-Up position and received a cash prize of ₹1,000, reflecting their consistent performance and creativity.



Honourable Mention – MUN

Joel Filbert of 1st Year, IT received an Honourable Mention, and Abdul Ghaffar Shakir of III Mechanical earned a Verbal Mention at the Model United Nations (MUN) Conference organized by SRMIST, Ramapuram. Their recognition reflects commendable articulation, diplomacy, and participation in high-level debate forums.



Congratulations **GATE 2025 Achievers**



Adarsh Pratap Singh
AIR : 169
4th Year, Aerospace



Anna Anbarasu K G
AIR : 816
4th Year, Aerospace



Nishanth R
AIR : 542
4th Year, Aerospace



Mayuresh Mangesh More
AIR : 632
4th Year, Aerospace



Roshan Raagavendar Y
AIR : 1183
4th Year, Aeronautical



Devasena K
AIR : 190
3rd Year, Aerospace



Dhanusha R
AIR : 816
3rd Year, Aerospace



Shariq Altaf
AIR : 526
3rd Year, Aerospace

Memorandum of Understanding

MoU with University of Evansville, USA

The College has signed a Memorandum of Understanding with the esteemed University of Evansville, USA on 25th April 2025. The MoU was formally exchanged between Mr. Enid Verghese, Deputy Director of the Hindustan Group of Institutions, and Dr. Suresh Immanuel, Associate Dean of Engineering and Computer Science at the University of Evansville. This partnership is set to pave the way for enriched academic engagement, faculty and student exchange programs, and collaborative research initiatives.



MoU with NSIC-TSC

The college is proud to announce the signing of a Memorandum of Understanding with the National Small Industries Corporation – Technical Services Centre (NSIC-TSC), a premier Government of India enterprise under the Ministry of MSME. Formalized on 16th April 2025, the MoU aims to empower students from the departments of EEE, Mechanical, Mechatronics, ECE, CSE, and IT through industry-certified training programs, value-added courses, mini-project internships, hands-on technical workshops, and participation in job fairs. This initiative is set to enhance practical skills, bridge the gap between academics and industry, and boost employability across disciplines.



Department of Automobile Engineering VAP on Testing of Battery

The department organised a Value added program on Testing of Battery on 11th April 2025. **Mr Kiran G Nair**, Bosch Regional Trainer was the resource person.



Seminar On Advanced Driver Assistance System

In association with Department of Mechanical and Mechatronics Engineering, the department organised a Seminar on Advanced Driver Assistance System on 28th April 2025. Ms. Aishwarya Rajasekaran, Manager, Bosch Limited was the resource person.



Department of Electrical and Electronics Engineering Expert Talk on Emerging Design Innovations & Electronic Component Essentials for Automotive Applications



The department organised an Expert Talk on Emerging Design Innovations and Electronic Component Essentials for Automotive Applications on 5th April 2025. Ms. R. Ramya, Senior Lead Electronics Engineer, Valeo, Chennai was the resource person.



Educational Session

VAP on Applied/Advanced Power System Protection

The department organised a Value Added Program on Applied/Advanced Power System Protection (ASAP) from 28th to 30th April 2025. **Mr Rajendra Prasad** & Team from INEL Power System Engineers was the resource person.



Department of Information Technology Seminar on How to Crack CISCO Placement

In association with the Office of Alumni Affairs, the department organised a Seminar on How to Crack CISCO Placement on 26th April 2025. **Mr Shrijith Nair**, Sr. Consultant, CISCO SYSTEMS, CSE Alumna 2018-22 batch was the resource person.



Department of Sponsored Research and Consultancy International Research Talk

In association with the IEEE KCG Student Branch Chapter, the Department conducted an International Research Talk on "The Role of Artificial Intelligence in Cybersecurity" on 4th April 2025. The session was led by Dr. Rasheed Hussain, Senior Lecturer, High Performance Networks Group (HPN), University of Bristol, UK.

Dr. Hussain delivered an insightful talk covering emerging and impactful topics such as Predictive Analytics, Gamification, Explainable AI, Generative AI (GenAI), and Fairness in AI. His presentation shed light on how these technologies are revolutionizing the cybersecurity landscape and influencing the broader societal interaction with artificial intelligence.



KCG Wellness Club First Aid Training Program

A First Aid Training Program was conducted on 29th April 2025 to raise awareness and build preparedness among students. The session was led by Ms. Rekha Sreekumar, Assistant Manager – Social Initiatives at ALERT (NGO).

The training focused on key emergency response techniques, including Cardiopulmonary Resuscitation (CPR) and first aid for choking. Participants engaged in practical demonstrations, gaining hands-on experience and a deeper understanding of vital life-saving procedures.



An Awareness Program on Organ Donation

An Awareness Program on Organ Donation was conducted on 29th April 2025. The session was led by **Mr. Senthil Kumar S**, Senior Transplant Coordinator & Grief Counsellor from Government Stanley Medical College & Hospital, Chennai.

The program provided valuable insights into organ donation, including the types of organs that can be donated by both living and deceased donors. Mr. Senthil Kumar addressed common myths and misconceptions, emphasized the pressing need for organ donors in India, and highlighted the life-saving impact of organ donation. Participants also gained awareness of the legal and medical procedures involved.



Educational Session

Centre for Transformational Leadership

Seminar on Ideathon Insights: A Student-Centric Journey

A seminar on "Ideathon Insights: A Student-Centric Journey" was conducted on 26th April 2025. **Ms. Rithika S. K.**, a second-year student from the Department of CSE, shared her enriching experience and key takeaways gained by participating in the Ideathon, inspiring her peers with valuable insights and practical perspectives.



Events

Women's Coding Club

7th Edition of Women Codeathon Empowering Future Women Tech Leaders

The seventh edition of the Women Codeathon was held on 12th April 2025, serving as a vibrant platform that celebrated innovation, collaboration, and the spirit of women in technology. This much-anticipated event brought together talented young women coders who transformed creative ideas into impactful digital solutions through multiple rounds of intense coding.



Ms. Praveena P, Senior Engineer – Software Development at Mindsprint, graced the event. She offered valuable feedback and words of encouragement to the participants, inspiring them with her professional insights and affirming the importance of women's contribution to the tech industry.

Nexathon '25

Nexathon '25, a prestigious 24-hour National-Level Hackathon, was organized by the Departments of Electronics & Communication Engineering and Information Technology on 4th and 5th April 2025. The event brought together brilliant young minds from across the country to ideate, innovate, and engineer real-world solutions to contemporary challenges.

With intense rounds of coding, collaboration, and creative problem-solving, participants demonstrated their technical skills and resilience throughout the 24-hour challenge. Industry experts and academic professionals served as mentors and evaluators, providing valuable guidance and feedback to the teams.

Nexathon '25 focused on themes such as IoT, Artificial Intelligence and Machine Learning, Cyber Security, Emerging Technologies, and Open Innovation. The competition received an overwhelming response, with 1000 individual and 300 team applications from all over India, including states like Karnataka, Kerala, Andhra, and many more. Following a rigorous selection process, 10 teams per theme for the final round, culminating in a total of 50 teams and 200 individual participants competing.



The event was inaugurated by Dr. Paventhan A, Senior Director (R&D), Scientist-G at Education & Research Network (ERNET), Ministry of Electronics & IT, Government of India. The valedictory ceremony was graced by Mr. Dinesh K. Sundaravelu, Vice President of StartupTN and Public Service Innovation Investment Director, who felicitated the winners.

Nexathon '25 not only fostered innovation but also promoted interdisciplinary learning, team spirit, and a culture of continuous improvement. The event concluded with a grand ceremony that recognized the outstanding efforts of the winning teams and all participants.

SAEISS Autonomous Drone Development Challenge 2025

In association with SAE India, the department of Aeronautical and Aerospace Engineering successfully hosted the Autonomous Drone Development Challenge 2025 from 3rd to 5th April 2025. Over 50 teams from engineering colleges across South India participated in the competition, showcasing their skills in designing and developing autonomous drones. The event featured a challenging payload delivery task, testing precision and stability.

The event was inaugurated by **Mr. Dinesh Shyamsundar**, Chairman of SAE India Southern Section, with Mr. S.A. Anbalagan, Assistant General Manager at the Airports Authority of India, as the Chief Guest. The Valedictory Ceremony was held on 5th April 2025, Mr. Karthikraja G, CEO of Loyal Wingman Technologies Pvt. Ltd., guest of the event delivered the closing address. The ceremony concluded with the announcement of winners, who were awarded cash prizes worth ₹2.5 Lakhs, along with trophies, certificates, and internships for their exceptional work.



Young Technocrats 2.0

Young Technocrats 2.0 held on 30th April 2025 provided a platform for students to showcase innovative ideas and entrepreneurial pitches. The event was inaugurated by Mr. Franklin Dathy, Business Head of Primaeam Solutions Pvt. Ltd., and featured a strong jury panel of industry experts from companies like IBM, HCLTech, Syniti, and Enlight Wisdom. The valedictory session was graced by Mr. Sundara Balaji N, Senior Director at Qualcomm India, who motivated students to lead with innovation and resilience. The initiative empowered young innovators to transform ideas into impactful ventures.



Sports Day

The Valedictory Ceremony of the 27th Annual Sports Day was held on 26th March 2025, marking the grand culmination of the Annual Sports Fest that commenced on 3rd February 2025. The fest began with an energetic inauguration graced by the Principal, Dean, and accomplished student athletes. Over 1,200 students and staff showcased their athletic talents by participating in more than 50 events across various sports and games.

The Valedictory Ceremony featured IPL cricketer K.B. Arun Karthik as the Chief Guest, who motivated the audience by sharing his inspiring journey of grit and determination in professional sports.

On the same day, The Ascend, KCG Tech's dedicated Wall Climbing Arena, was also inaugurated by the Chief Guest, adding a new dimension to the institution's sports infrastructure.



KCG Christian Fellowship Annual Retreat

The Annual Retreat of the KCG Christian Fellowship, held on 5th April 2025, was a soul-stirring day filled with heartfelt worship, meaningful fellowship, and spiritual renewal. The event fostered a strong sense of faith and unity, bringing students together to reflect, rejoice, and reconnect with their spiritual purpose.

Bro. Issac Joe a renowned evangelist, musician, and singer served as the special guest. His uplifting songs and profound message left a lasting impact on everyone present, igniting hearts with renewed hope and a deeper sense of purpose.



Dental Camp

The NSS Unit of the college, in association with the Y's Service Club of Chennai, Karapakkam, organized a Dental Camp on 12th April 2025. Dentists from Shri Venkateswara Dental College conducted dental check-ups and offered consultations, promoting oral hygiene awareness and preventive care among students and staff.



Y's Service Club of Chennai, Karapakkam Wheels of Care and Roots of Sustainability

The Y's Men Club of Mylapore and its sponsored clubs, including the Y's Service Club of Chennai, Karapakkam, and the Y's Men Club of KCG College Youth, jointly organized a heartfelt initiative titled "Wheels of Care and Roots of Sustainability." As part of this meaningful project, 10 wheelchairs were distributed to differently-abled individuals, and tree saplings were planted to promote environmental consciousness.

The event also marked the Official Visit of the Regional Director and was graced by several distinguished guests, including **HRM Ym Dr. Anand Jacob Verghese**, Patron of the Mylapore Club and its sponsored units, Past ICM, Past India Area President, and Chairman of Hindustan Group of Institutions; **Ymnt Annie Jacob**, Past Area Director for Y's Menettes – India Area and Director of KCG College of Technology; **Dr. M.Muthukannan**, Principal of KCG Tech; and **Ym Basco Eraiyanbu**, Regional Director of the South India Region, along with other esteemed officials from the Y's Men movement.



Publication in SCI Indexed Journals - April 2025

Authors	Journal Name	Article Title	Impact Factor	ISSN	Indexing
Dr.M.Muthukannan , Principal & Prof., Civil Engg., Dr.R.Chandramohan , Dean-Industry Partnership & Corporate Affairs, Dr. S.Kaliappan , Prof., Mechanical Engg.	Journal of the Australian Ceramic Society	Optimization of tensile and water absorption properties of biosilica dispersed cardanol oil blended PLA/PCL biocomposite for packaging applications	1.9	2510 -1560	SCI, Anna University Annexure I, Q3 Journal
Dr. P. M. Sithar Selvam , HoD- Department of Mathematics	Transactions on Emerging Telecommunicati ons Technologies	Optimized Self-Guided Quantum Generative Adversarial Network Based Scheduling Framework for Efficient Resource Utilization in Cloud Computing to Enhance Performance and Reliability	4.38	2161 -3915	SCI, Anna University Annexure I, Q1 Journal
K. K. Manivannan Asst. Professor, Mechatronics Engineering	Journal of the Australian Ceramic Society	Characterization of Moringa oleifera husk biocarbon and bagasse micro fibre toughened vinyl-based microwave shielding composite for E-Vehicle	1.8	2510 -1579	SCI, Anna University Annexure I, Q3 Journal
Dr. Seeniappan Kaliappan , Professor, Mechanical Engineering	Biomass Conversion and Biorefinery	Role of carbon quantum dots from lychee fruit husk waste & discarded caster bean stem fiber on load bearing, fatigue, & water uptake properties of epoxy composite	3.5	2190 -6815	SCI, Anna University Annexure I, Q2 Journal
Dr. K Karthika , Assistant Professor, Electronics and Communication Engineering	Biomedical Signal Processing and Control	EC-HDLNet: Extended coati-based hybrid deep dilated convolutional learning network for brain tumor classification	4.9	1746 -8094	SCI, Anna University Annexure I, Q1 Journal with Impact Factor:4.9
Dr. Deepa Jose , Professor & Head Research, Electronics and Communication Engineering	Intelligence- Based Medicine	Feature selection using hybridized Genghis Khan Shark with snow ablation optimization technique for multi-disease prognosis	2.28	2666 -5212	SCI, Anna University Annexure I, Q2 Journal with Impact Factor:2.28

Research Activities

Doctorate Completed Details

Ph.D. Scholar & Supervisor	Thesis Title	Date	University
Ms. R Adline Freeda , Asst. Prof, Department of IT, Part-Time Scholar at HITS Research Center, Supervisor: Dr. P Selvi Rajendran , Professor, CSE, HITS, Padur	Test Suite Optimization For Enhanced Software Fault Detection And Localization	17.04 2025 & 10.30 AM	Hindustan Institute of Technology & Science
Mr. Sivachandar K , Ph.D Full- Time scholar at KCG ECE Research Centre, Supervisor: Dr. V. Thulasi Bai , Professor ,Department of ECE	Artificial Intelligence Driven Noninvasive Screening of Anaemia form Conjunctiva Images using Unmodified Smartphone	21.04.2025 & 10.15 am	KCG ECE Research Centre & Anna University
Ms. Sudha D , Ph.D. Full-Time scholar, KCG CSE Research Centre, Supervisor: Dr. M. Krishnamurthy , Professor and HoD, Computer Science Engineering	An Efficient Association Rule Mining for Customer Behavior Data Using Horse Herd Optimization and Mapreduce Framework	24.04.2025 & 11.30 am	KCG ECE Research Centre & Anna University
Ms. Sowmya S , Ph.D Part-Time scholar at KCG ECE Research Centre, Supervisor: Dr Deepa Jose , Professor and Head Research, Department of ECE	Implementation And Analysis of Maternal Health Parameters for Assistive Monitoring using Deep Learning Models	28.04.2025 & 11.30 am	KCG ECE Research Centre & Anna University





CAMPUS FACILITIES



DST Supported FIST Lab



Car Simulator



Gymnasium



Aero Hangar



Link Flight Simulator



Bosch Certified Training Centre



NCC



Horse Riding



Inferno Racing



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