



EDITORS' NOTE

Dear Reader,

January was an eventful month that brought remarkable achievements from our leadership, faculty and students. Our leadership, the Respected Chairman of HGI, continues to set an exemplary path with a well-deserved award for contribution towards climate change initiatives. The 4-star rating for Innovation Cell demonstrates our dedication to fostering a robust research and entrepreneurship ecosystem. The accolades secured by our students in SAE India and IIT PALS reinforce our commitment to sustainability and responsible innovation. In addition to these, one of our NCC cadets earned the prestigious opportunity to represent the college in the State Republic Day Parade. This highlights not only individual excellence but also upholds the values of patriotism and leadership that we strive to instill in our students. Amidst these achievements, adding vibrancy to campus life, we came together to meaningfully celebrate Pongal, Republic Day, and our Chairman's birthday. Adding impact beyond campus was the School Connect Programme- Vetripadigal- aimed at equipping 12th-grade students with strategies to excel in board exams and helping them make informed decisions about their career paths. In short, the moments of recognition, celebration, and responsibility reiterate the fact that true success is not just about individual achievements but the collective impact we create. Let us continue to make a meaningful difference in society. Happy Reading!



EDITORS:

Dr. R. Jaya

Associate Professor,
Department of English
Head - Student Affairs

Ms. Tephilla Joice P

Assistant Professor,
Department of Mathematics

Awards & Accolades

Dr. Anand Jacob Verghese, Chairman of Hindustan Group of Institutions, has been honored by Tamil Nadu Climate Change Mission for his extraordinary commitment to environmental stewardship by actively reducing carbon footprint across all institutions, implementing innovative sustainable practices in education and leading collective action for climate resilience and fostering environmental consciousness in future generations.



Innovation Cell Star Rating

Recognizing its diverse and impactful initiatives in fostering innovation and entrepreneurship during the IIC calendar year 2023-24, the college has been awarded a prestigious 4-star rating by the Ministry of Education Innovation Cell.



CM Rally – Republic Day Celebration

Vidhya E, a final-year student from the department of ECE, proudly represented our institution at the prestigious CM Rally in the presence of the Honorable Chief Minister and Governor, during the Republic Day celebration on 26th January at Marina Beach.



mBAJA SAEINDIA 2025

INFERNO Racing Team of the college has made an impressive debut at the mBAJA SAEINDIA 2025 and secured - All India Rank – 26, Tamil Nadu Rank – 5 and Chennai Rank – 2



IIT PALS

Iyaad Luqman K, a 2nd year student from the CSE Department, has secured a position in the top 10 in a skill assessment competition by Skill Angels conducted during the 3-day IIT PALS Workshop at IIT Madras. The workshop witnessed participation from colleges across Tamil Nadu, Andhra Pradesh, Kerala, Telangana, and Nepal.



Aarthi Sri T, a second-year ECE student from Team Q, secured the 1st position at the IIT PALS Residential Student Workshop. Her innovative project, "UV-protected, carbon black pigment-fused, and jute-reinforced plastic mesh made from recycled plastic," earned top honors in the competition. In recognition of the achievement, the team was awarded a cash prize of ₹2000.

Win for Tradition

Ramanan, a final year student from the Department of Computer Science & Engineering, has secured the first prize in the Silambam Competition organized by the Senthamizh Veerasilamba Art Gallery at Manford School, Chennai.



Memorandum of Understanding

The College has signed a MoU with Cyber Intelligence Academy (CIA) in the presence of **Dr. M. Muthukannan**, Principal, and **Mr. N. Karthikeyan**, Founder of CIA.

This collaboration aims to enhance cybersecurity education by raising awareness of cyber threats, organizing lectures, seminars, workshops, and faculty development programs, and providing technical support for cybersecurity competitions. It also focuses on networking with industry experts, guiding students on cybersecurity and forensics projects, facilitating real-time project opportunities, and publishing joint research. Additionally, specialized courses will be developed to equip students with cutting-edge skills, shaping future leaders in cybersecurity.



Educational Session

Department of Aeronautical & Aerospace Engineering Drone Development Challenge

The SAE India Southern Section's Drone Development Challenge 25, Hands-on Workshop was held on 10th and 11th January, 2025, focusing on the development of a fixed-wing remotely piloted aircraft (RPA). Designed to foster innovation and enhance the skills of aspiring drone enthusiasts, the two-day workshop provided participants with structured guidance through the various stages of RPA development. **Mr. Shyam Sundar**, CTO of EVage Pvt. Ltd., graced the event as the Chief Guest.



Technical Talk on Aircraft Data & the Changing Regulatory Environment

Technical Talk on Aircraft Data & the Changing Regulatory Environment was conducted on 8th January 2025 through online mode. **Ms Rhoda Walthall**, Senior Technical Fellow, Collins Aerospace Systems was the resource person.

Department of Civil Engineering FDP on BIM using ArchiCAD Solibri & Bluebeam

The department organised a FDP on BIM using ArchiCAD Solibri & Bluebeam from 7th to 9th January 2025



Department of Computing Science Workshop on AI – Machine Learning

The Departments of CSE, IT, and Cyber Security organized a workshop on AI and Machine Learning from 22nd to 24th January 2025. The Workshop featured expert sessions by distinguished resource persons: **Mr. Bezallem S**, Founder & CEO of Enlight Wisdom; **Mr. Jenkins N.S**, Founder & CEO of JPOWER4 Technologies Pvt. Ltd.; and **Mr. Dinesh Kumar M**, Founder & CEO of READ Automation. Their insights and expertise provided valuable learning experiences for the participants.



School of Fashion Technology FDP on Latest Innovations in Medical & Healthcare Textiles

In association with AICTE Training & Learning (ATAL) Academy a Six Day Faculty Development Program on Latest Innovations in Medical and Healthcare Textiles was conducted from 20th to 25th January 2025



Dr. Ashok Kumar I,
Principal,
Thiagaraja Engineering College, Mdu



Dr. Subramanian Senthil Kannan Muthu,
Chief Sustainability Officer,
Green Story, Hong Kong



Dr. K Gowthamarajan
Professor & Head,
Department of Pharmaceutics,
JSS college of pharmacy Ooty



Dr. Pandiyarasan
Professor, ECE,
IIITD & M



Dr. E Santhini
Head in charge,
Centre of Excellence for Medical Textiles,
SITRA, Coimbatore



Mr. Krishnakumar Ramachandran
Managing Director,
Cologensis Healthcare Pvt Ltd, Salem



Ms. Niveda Ravikumar
Founder & Director,
Bliss Natural Sanitary napkins



Dr. S.P. Butee,
Prof., Metallurgy & Materials Science,
College of Engineering Pune

Centre for Transformational Leadership Workshop on Design Thinking – Series 2

On 28th January 2025, Design Thinking – Series 2 workshop was conducted for second-year CTL members. The session was led by **Dr. Solai Manohar**, Dean of IEDC and Associate Professor in the EEE Department.

The workshop emphasized the significance of design thinking, with a focus on key strategies, best practices, and effective implementation techniques. Dr. Solai Manohar provided valuable insights, equipping aspiring engineers with the skills to ideate, refine, and enhance their products. The session proved to be a highly enriching experience for all participants.



Chairman's Trophy

The Chairman's Trophy - Interschool Sports Fest 2025 was held from January 22 to 25, 2025, witnessing the enthusiastic participation of 494 students from 48 schools.

The event was inaugurated on January 22 by **Dr. M. Muthukannan**, Principal of KCG College of Technology. Competitions were conducted in Badminton, Lawn Tennis, Football, and Volleyball for students in the Under-19 category, showcasing their talent and sportsmanship.

The winners were felicitated during the valedictory ceremony on January 25 by **Mr. S. A. Saleem**, an International Snooker and Billiards player and coach, who graced the occasion as the Chief Guest, along with the Principal of KCG Tech.



Vetri Padigal'25

The College in collaboration with Puthiya Thalaimurai TV, successfully hosted Vetri Padigal, an insightful initiative for 12th-standard students exploring their career paths on 25th January 2025. Honourable Deputy Mayor, **Mr. M. Magesh Kumar** graced the event as the Chief Guest. **Mr. Karthikeyan**, Political editor, Puthiyathalaimurai News Channel was the Guest of Honour. The event provided a comprehensive understanding of various engineering disciplines and expert strategies to excel in board exams. Students toured our cutting-edge facilities, engaged with experienced faculty, and interacted with college students to gain valuable perspectives on higher education.



Pongal Celebration

The Pongal celebrations at our college on January 11, 2025, brought our vibrant community together in a joyful display of unity, festivity, and gratitude. The event featured traditional games and heartfelt moments shared over Pongal, making it a cherished occasion to honor our heritage and welcome prosperity. **Dr. Anand Jacob Verghese**, Chairman of Hindustan Group of Institutions, graced the event as the Chief Guest, extending his Pongal greetings to faculty and students. He also distributed goodies to faculty and staff members, adding to the festive spirit.



Republic Day Celebration

The 76th Republic Day was celebrated with great pride and patriotism on campus on 26th January 2025. The event was graced by the esteemed Chief Guest, **Mr. T. N. Sridhar**, Group Captain (Retd.), Indian Air Force, who inspired the audience with his profound words of wisdom and dedication to the nation.

The celebrations commenced with a grand flag-unfurling ceremony, followed by an impressive March Past by the NCC cadets, exemplifying discipline, dedication, and national pride. The event also featured vibrant cultural performances that showcased India's rich heritage, along with heartfelt tributes to the Constitution and its visionary architects.





Chairman's Birthday Celebration-2025

On 31st January 2025, the college celebrated the birthday of its esteemed Chairman, **Dr. Anand Jacob Verghese**, by organizing a series of impactful events.

Food Donation Drive

Members of the Y's Service Club of Chennai Karapakkam extended their support by donating breakfast to children and elderly residents at Annai Fathima Child Welfare Center, Chennai.



Blood Donation Camp

The NSS Unit organized a Blood Donation Camp on campus, where students and faculty members actively participated. A total of 58 units of blood were donated to the Lions Club, Chennai.



Dental & Eye Camp

In collaboration with Kauvery Hospital, the college conducted a Dental & Eye Camp for students and faculty members. Medical experts provided consultations and valuable health advice.



Seminar on Real-Time Flood Forecasting in Chennai

Mr. Anthony Anbarasu, Team Leader at SECON, led an insightful seminar on "Real-Time Flood Forecasting of Chennai City" for the students, enhancing their understanding of flood prediction and management.



Research Activities

Publication in SCI Indexed Journals - January 2025

Authors	Journal Name	Article Title	Impact Factor	ISSN	Indexing
Andal Venugopal , Associate Professor, Dept. of Chemistry	Journal of Materials Science: Materials in Electronics	Effect of silane-functionalized green synthesized silver nanoparticle, ferrite, & silk microfiber epoxy composite on electromagnetic interference shielding	0.5	0957-4522	SCI, Q2 Journal
Jaraline Kirubavathy Kanagaraj & Thulasi Bai Vijayan , Dept. of ECE	Environmental Engineering and Management Journal	Spatio-Temporal Correlation Analysis Of Environmental And Climatic Determinants With Various Infectious Diseases In Tamil Nadu And West Bengal	0.23	1582-9596	SCI, AU Annexure I, Q4 Journal
Dr. S. Cloudin , Professor & Head, Dept. of CSE	Transactions on Emerging Telecommunications Technologies	Traffic Prevention and Security Enhancement in VANET Using Deep Learning With Trusted Routing Aided Blockchain Technology	4.7	2161-3915	SCI, Anna University Annexure I, Q1 Journal
Seeniappan Kaliappan , Professor, Dept. of Mechanical Engineering	Journal of the Australian Ceramic Society	Dry and wet sliding, fatigue, creep and mechanical properties of AA-7475 metal matrix composite reinforced with Si ₂ N ₂ O from rice husk ash	1.9	2510-1560	SCI, Anna University Annexure I, Q3 Journal
Dr.M. Arulprakasajothi , Professor, Dept. of Mechanical Engineering	Journal of Thermal Analysis and Calorimetry	Study on optimizing the energy gradient and temperature regulation of flat plate solar collectors with advanced hybrid nanofluids	3	1588-2926	SCI, Anna University Annexure I, Q2 Journal

11 papers got published and indexed in Scopus during January 2025

KCG Faculty - Doctorate Completed Details

Ph.D. Scholar & Supervisor	Thesis Title	Date of Viva- Voce	University
Ms. Anju A , Ph.D Part-Time scholar at KCG Research Centre,/ Supervisor- Dr.M.Krishnamurthy , Prof. & Head, Dept. of AI&DS	Attention Based Deep Learning Techniques with Modified Equilibrium Optimization Approach For Insider Attacks Detection	22 nd Jan 2025 & 10:00 AM	KCG CSE Research Center, Anna University
Mr. Gobivel K , Ph.D Part-Time scholar at KCG Research Centre,/ Dr.K.S.Vijay Sekar , Professor, Dept. of Mech Engg., Sri Sivasubramaniya Nadar College of Engg., Kanchipuram	Finite Element Analysis of Material Constitutive Modeling in the machining of Metal Matrix Composites	3 rd Jan 2025 & 11:00 AM	Anna University

Chairman's Trophy at KCG College of Technology



The Chairman's Trophy, an eagerly awaited inter-school sports fest, concluded on a high note at KCG College of Technology, Karapakkam, from January 22 to 25. With over 493 students from 48 schools participating, the four-day event celebrated sportsmanship, skill, and camaraderie. The tournament was officially inaugurated on Jan.22, at 9.30 am in the APJ Abdul Kalam Indoor Auditorium, with KCG College Principal, Dr. M. Muthukannan, serving the opening shuttle.

The Badminton event saw 80 players showcase their agility, with intense matches that kept spectators on the edge of their seats. The latter part of the tournament featured football and volleyball, with 15 and 14 teams respectively, competing in thrilling contests of strategy and endurance. Lawn Tennis was also a highlight, with 95 players demonstrating their skill and focus over the last two days.

The Chairman's Trophy 2025 not only brought out the best in young athletes but also reinforced the values of discipline, teamwork, and perseverance. Dr. N. Prem Kumar, Director of Physical Education, expressed his heartfelt gratitude to all the participants, volunteers, staff, and sponsors for their invaluable contributions, marking the Chairman's Trophy as a monumental success in the sporting calendar.



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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