



KCG
COLLEGE OF TECHNOLOGY
AFFILIATED TO ANNA UNIVERSITY | AUTONOMOUS

27th College Day - 29th March 2025

Principal's College Day Speech

Respected chief guest of the day, MdShakeel Akhter IPS, Retired State Chief Information Commission, Tamilnadu, Respected Chairman- HGI, Director, KCG College of Technology, Deans, Registrar, HoDs, Staff and students, Good afternoon and my warm welcome to you all.

College day is more than just an annual celebration- it is a moment of reflection, recognition and transition. For both students and faculty it signifies the completion of another academic year, but when reflected, its meaning, and its effect differ for each individual. For many, it is a time to look back on their journey, appreciating the lessons learned and the progress made, while also setting new goals for the future. For some, it is a day of celebration, as they take pride in the awards and accolades they have earned. For others, it is an opportunity to showcase their artistic and cultural talents. And for final-year students, it is a day filled with nostalgia and anticipation.

For the class of 2025, today is an unofficial milestone marking your evolution from learners to professionals. I know some of you are proudly stepping into new academic or professional ventures, while others are carefully weighing life-changing decisions- choosing the right university or best job offer, or even the next big step in your life journey. While the thought of parting with your friends, mentors and this campus may be bittersweet, remember that you leave equipped with the knowledge, skills and confidence to shape a bright future ahead.

As we come together for the 27th College Day, let us take pride in our growth, celebrate our achievements, and take part in the joy of this occasion. Today we have with us retired IPS and I am sure sir's address will have an impact on each one of you in shaping your future. Hearty welcome sir. With this spirit, I also extend a warm welcome to everyone for this special celebration.

It is my privilege to present the annual report highlighting our activities and accomplishments for the period from May 2024 to March 2025.

New Initiatives

Our new initiatives this academic year aim at upskilling ourselves and keeping up with the changing trends. They include:

- Inauguration of the Kaspersky-Norton Cyber Security Lab and Dabbala Rajagopal AI/ML Lab
- Introduction of Foreign Language Courses- Japanese and Korean
- Installation of Biogas Plant that processes kitchen waste
- Inauguration of Wellness Club- Waves of Bliss
- Unveiling of the Heart & Mind Statue - an extraordinary piece of art, embodying the core values of innovation, social responsibility, and sustainability
- Celebration of Ethnic Day to embrace our rich tradition

Awards and Recognitions

Our commitment to academic excellence, innovation and sustainability has earned us numerous awards and accolades. With strong teaching, advanced infrastructure, industry collaborations, and a thriving learning environment, we have set new benchmarks. Impressive placement records, impactful research, outstanding student achievements and commendable sustainability efforts have strengthened and reputation and brought prestigious recognitions.

- 201-300 Band in the National Institutional Ranking Framework (NIRF) 2024 under Engineering Category.
- Acknowledged by the Indian Institutional Ranking Framework (IIRF) for its contribution to engineering education at the state, regional and national levels.
- Awarded a rating of 4 stars by the Ministry of Education Innovation Cell for promoting Innovation and Start-up on Campus.
- Outstanding Performance Award for the Chennai Region amongst the IIT PALS 44 partner institutes.
- Diamond Band in the Outcome-Based Education (OBE) Rankings 2024, advancing from last year's Gold Band.
- Recognized as Academic Council/Institution member of the esteemed “Sustainability & Energy Practitioners Association (SEPA)”.

- Autodesk Centre of Excellence Award, presented by the Hon'ble Thiru. PalanivelThiagarajan, Minister of Information Technology, TamilNadu.
- Secured 15 university ranks in the Anna University April/ May 2023 examination results.
- Best Institution for Industry- Academia Partnership Award under Platinum Category at the Annual Summit on Technology, IP and IIP by the Confederation of Industry (CII)
- Recognized by NPTEL as an Active Local Chapter consecutively under the category of PROSPECT, based on the performance of our faculty and students in the examination conducted by NPTEL.
- Ranked 13th in Tamil Nadu and 25th in India in the Education World Private Engineering Colleges Ranking 2024-25.
- Ranked among the top institutions nationwide in the latest DataQuest CMR Employability Index Survey.
- Recognized by Competition Success Review (CSR) among the Top Engineering Colleges of Super Excellence, achieving an impressive 11th rank overall & 5th in Tamil Nadu.
- Ranked 8th in India for Enabling Startup Culture in the Education World Grand Jury Awards 2024-25.
- Ranked amongst the Top Tech-Enabled Institutions in the country by DataQuest-CMR as part of the Digital Index Survey 2023.
- Ranked 5 nationwide, in the Top Engineering Colleges of Emerging Super Excellence
- Ranked amongst the Top 10 Technical Schools in India in the 19th Edition of the DataQuest- CMR Survey 2024 -4th in the South & 2nd among colleges in Tamil Nadu.
- Rated AAAA (80-89 Percentile) by Careers 360 in their ranking of top engineering colleges in India.
- Ranked among the best colleges in the country in The Week Hansa Research Survey 2024.
- Ranked among the top institutions nation-wide in the India Today MDRA Best Colleges Ranking 2024.

- Received the Dataquest Excellence in Tech Education Award from Mr. Ravneet Singh Bittu, Union Minister of State for Railways and Food Processing Industries
- ISF Award for the year 2022-23 received during the IETE Zonal Seminar and ISF Congress, held on 27 July 2024, by the Institution of Electronics and Telecommunication Engineers.

The academic year 2024-2025 has been remarkable that brought remarkable achievements from our leadership, department heads, faculty and students.

- Our leadership, the Respected Chairman of HGI, 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.
- Dr.T.Anuradha, HoD - EEE has Received “Eco Activist 2024” Award from Dr. V. Karthikeyan, Chairman Institution of Engineers(India), TNSC.
- Dr. S. Kaliappan, Professor in the Department of Mechanical Engineering, has been recognized among the Top 2% of scientists globally by Stanford University.
- Dr. M. Vignesh Kumar, Head Project Development Cell received the Dr. Kalam Best Mentor Award by World Youth Federation and the award was presented by Mr Santhosh Muruganantham - Co Founder of Kolapasi.
- DrDeepa Jose, Head- Department of Sponsored Research & Consultancy has been appointed as a Member, Research and Innovation Committee in Association of University of Asia and Pacific for the calendar year 2024-2025
- Ms. R. AdlineFreeda, Assistant Professor(SG), KCG Tech won the Active Participation Award (SBC). Ms A. Anju, Assistant Professor(SG), KCG Tech won the Young Researcher Award (Faculty) in the CSI Kanchipuram 3 Chapter Level Awards 2023-2024.
- Dr V BhanuRekha- HOD-FT received Outstanding Educator and Scholar Award from National Foundation For Entrepreneurship Development, Coimbatore.

MOUsSigned

We have been signing MoUs with leading industries and global universities that guide our students for job placements and pursuing higher education. This year we have signed MoU with

1. Simpson & Company Ltd on Small Agricultural Machines & E-Drive Division of the Amalgamation Group of Companies, Chennai
2. Thejo Engineering Limited
3. Avironix Private Limited
4. Alibi Technologies
5. NASSCOM - FutureSkills
6. Aquaconnect
7. 3D Monotech
8. Game Developer Association of India (GDAI)
9. SpiceJet Technic Private Limited
10. TANSAM
11. National Taiwan University of Science and Technology (NTUST), Taiwan
12. Washington University of Science and Technology
13. MoU with Institution of Engineering and Technology (IET) UK
14. ERNET India
15. Solidpro
16. Cyber Intelligence Academy (CIA)

Research and Consultancy

This academic year, a total of 6 scholars have completed Ph.D. from KCG Research Centre. Currently 67 scholars are pursuing their doctoral research and there are 33 approved supervisors in the Research Center.

With regard to publications, our faculty have been publishing research papers in journals of repute and among them, this year, 351 papers are International Scopus indexed publications. H-index of the college is 37 with 9300 Scopus Citations

We have received fund worth 1.06 crore from AICTE, DST-FIST, National Institute of Wind Energy, MSME etc. for carrying our research projects. A total of 16 Indian Patents, 35 Australian Patents, 4 German Patents, 5 UK Design Patents, 1 German Design Patent were granted this year. Received consultancy projects worth 4,08,000 from various industries to support their research initiatives.

Training and Placement

Training Cell provides an exclusive training program in Aptitude and Communication Skills for first year students and an Aptitude Refresher Training and Technical Refresher Training for pre-final year students appearing for placements. Dream offer JAVA training and Technical Training were also provided along with Soft Skills training. With the support of Alumni, technical mock interview was conducted for those appearing for final year students appearing for interviews. British Council Lingua Skills Examination was conducted after a week-long training on language skills.

80% of our eligible students have been placed in reputed companies so far and the recruitment process is still in progress. A total of 122 companies visited our campus this year and among them Accenture, Cognizant, Hexaware, Infosys, Virtusa, Capgemini (Aero), Kaar Technologies, Anunta Tech, GX India, SapraSteria, Maplelabs, Soliton Technologies, Exeter Kriyadocs, Securin to name a few are the leading recruiters this year. The average CTC is 5 LPA and the highest being 10 LPA.

Events Organised

- We believe in providing holistic education and focus on providing exposure to students through content beyond educational sessions, project competitions and technical and non-technical competitions. At the institutional level, the 1st National Edition of KCGMUN conducted from 27 to 29 September was inaugurated by Dr. C. Sylendra Babu, IPS (Retd.), Former DGP/ Head of Police Force, Tamil Nadu. 175 delegates across states from Meghalaya, Karnataka, Kerala, and Tamil Nadu participated in the three-day conference. The Technical Symposium, Vivanta, was conducted on 4th & 5th October 2024 with 1400 registrations from students across colleges. The college hosted the world's biggest college debate contest, Speak for India – South India Edition 2025, on February 27, 2025. In addition, Vetripadigal, an insightful initiative for 12th standard students exploring their career paths was organized in collaboration with Puthiya Thalaimurai TV on 25th January 2025. The college served as Nodal Center to host Smart India Hackathon Software Edition on 11th and 12th December 2024. 20 teams and 120 participants addressed real world challenges through innovative solutions.

This year, our academic departments, Clubs, Student Chapters, Office of Student Affairs and International Services had organized nearly 180 educational sessions in the form of domain specific webinars, seminars, workshops and training programmes.

Academic Departments

Department Aeronautical and Aerospace Engineering

1. Guest Lecture on Wind Energy Technology on 26 July 2024 commemorating Dr APJ Abdul Kalam Memorial Day.
2. On 23rd August 2024, commemorating National Space Day, the Department honored the winners of various competitions organized for school students. Shri Kannan Rathakrishnan, Retired Scientist G from ISRO, and Group Captain M. Murugan (Retd.) from the Indian Airforce were the guests.
3. A guest lecture on Drone Technology was held on 31 August 2024. Mr. Syed Rayan, Chief Pilot at Drone Police (DPU), Chennai, was the resource person.
4. The inauguration of the IE(I) Student Chapter took place on 14 September 2024. The chief guests were Dr. J. Arivudainambi, FIE, Chairman of ASDB, IE(I) Kolkata, and Dr. Ramesh S, Chairman of the IE(I) Kanchipuram Local Chapter.
5. A guest lecture on Satellite Technology was presented by Mr. M. Adnaan, Founder of To Space, Chennai, on 14 September 2024.
6. Hands on Workshop on System Tool Kit was organized from 27 to 28 September 2024. Mr Dhanish Abdul Khader, Space System Engineer (Analytics) SS Technologies, Bengaluru, Karnataka was the resource person.
7. The inauguration of the KCG SAE Aero Club took place on October 1, 2024.
8. On account of World Space Week 2024, on 8 October a webinar on Sustainability in Space featured Ms. Janet Ivey.
9. The SAE India Southern Section's Drone Development Challenge 25, Hands-on Workshop was held on 10th and 11th January, 2025.
10. The Department hosted a distinguished panel discussion on 7th February 2025, focusing on the current state of India's aviation ecosystem.
11. 3 day Hands on Workshop on Drone Operations was organised from 26th to 28th February 2025. Mr Mohan Rishikesh, CEO, Vayuratha Pvt Ltd was the resource person.

Department of AI&DS

1. A seminar titled "Exploring the Basics and Beyond of Java," in association with Oracle Academy, was organized on 3rd August 2024. Dr. M. Krishnamurthy, Head of the AI & DS department was the speaker
2. In collaboration with The AI Congress, PitchPerfect '24 was organised on 14th August 2024. Mr. MadhuSudhanan from Infosys, and Mr. Sabesh Kumar from SabyTheNoob and Mr. S. Rajesh Kumar from PayPal were the guests
3. GUVI Students Certification Program on AWS Data Engineering was organized from 9 to 11 September 2024. MrChannabasavAngadi,AWS Certified Engineer, GUVI, was the resource person.
4. The session AI for All: The Future Begins Here by Mr. Shankar Ramasubramanian, DGM, Competency Head – Data Analytics & AI/ML on 7th February 2025 featured insightful discussions on AI's transformative role across industries.

Department of Automobile Engineering

1. In association with the Mechatronics Engineering department, a one-day seminar on Clean Combustion & Emission Strategies was organized on 3rd August 2024. Dr. M. Parthasarathy, Assistant Manager of R&D at Sankar Advanced Mobility Solutions Pvt Ltd, and Mr. MuhilanGnansekaran,were the reseource persons
2. Guest Lecture on Advanced RealTime Advanced Software was organized on 14 September 2024. Mr K Sakthi Prasad, Managing Director, Dynamic Software Solutions Private Limited, Chennai was the resource person.

Department of Civil Engineering

1. The three-day orientation program on "The Future is Today" was held from 15 to 17 May 2024, at KCG Tech for the students from 9 to 12 standard.
2. Student Certification Program on Mastering RCC Design & Detailing was conducted on 2nd and 3rd August 2024. Ms V J Vedhanayaghi, AP(SS), Civil Engineering was the resource person.
3. A workshop on the Electronic Distance Measuring Device – Total Station was conducted on 8th August 2024. The resource person was Mr. D. Karunakaran, Managing Director of Karunakaran Associates.

4. A guest lecture on "Assessment of Pile Foundation from Exploration to Execution" was organized on August 22, 2024, with Mr. K. Raja Rajan, Senior Engineering Manager, Geotech at L&T Construction, Chennai, as the resource person.
5. The department conducted a Guest Lecture on Assessing Accessibility: Key Principles and Techniques for Building Audits on 6 September 2024. Mr. Sony Thomas, Executive Director, CMB India Trust Bangalore was the resource person.
6. The department organised a FDP on BIM using ArchiCADSolibri& Bluebeam from 7th to 9th January 2025.

Department of CSE and CS

1. In collaboration with ICTAcademy, a student certification Program on AWS Cloud Solutions Architect was conducted for Computing Science and ECE students from 29th July to 3rd August 2024.
2. In association with the Department of Computer Science and Engineering (Cybersecurity), the launch of Innothon 2024 and a seminar on "Innovation in Cutting-Edge Technologies" were held on 3rd August 2024.
3. Industry focused VAP Program was organised by the department on 16th and 17th August 2024. MrDinesh Kumar M, Founder & CEO READ Automation and MrMadhavan A, CTO, READ Automation were the resource persons.
4. Guest Lecture on Recent Trends on Network Security on 13 September 2024. Mr. Raghavendra Rao G.N, Associate Dean, ICFAI Business School, Bangalore was the resource person.
5. Guest Lecture on An Insight into Cyber Security in Industry on 13 September 2024. MsVarshaSundar, Technical Lead, TCS was the resource person.
6. Tech Talk & Demo on Network Security& VAPT was held on 8 October 2024. Mr L Krishna, Scientist, SETS, Govt of India and Mr L Vikram, Project Associate, SETS, GovtofIndia were the resource persons.
7. One Day Workshop on AI & ML in Action - Bridging Theory with Real World Impact was organised on 20 November 2024. Mr R Pradeep Kumar, Founder & CEO, PK Rain Technologies was the resource person.

8. The department of Computer Science and Engineering (Cyber Security)organised a one day workshop on Hack the Future: Cyber Security & Ethical Hacking on 1st February 2025. Mr R Pradeep Kumar, Founder & CEO, PK Rain Technologies was the resource person.
9. Guest Lecture on AI Threats to Cyber world was organised on 19th February 2025. Dr Pradeep V.M, Head of Cyber Security, Ladera Technology Pvt Ltd was the resource person.
10. The Departments of CSE, IT, and Cyber Security organized a workshop on AI and Machine Learning from 22nd to 24th January 2025.

Department of ECE

1. Hands on Workshop on Semiconductor IC Design: Analog & Digital Work Flow using Cadence was conducted from 10th to 13 September 2024. Mr Sanjay G S, Field Application Engineer, Entuple Technologies Pvt Ltd was the resource person.
2. A Workshop on Unleashing 5G: Matlab Approaches to Wireless Technology Simulation was organized on 28 September 2024. DrVivekAshokan, Regional Manager, ARK(Mathworks) was the resource person.
3. The department organised a workshop on Designing IoT based Embedded Systems Utilising STM32 ARM Cortex Microcontroller on 15th February 2025. MsDivya K, Project Engineer – Embedded System Design, IPCS Global, Chennai was the resource person.

Department of EEE

1. Webinar on Real Time Applications using MATLAB & SIMULINK was conducted on account of MATLab Day on 3rd August 2024.
2. A hands-on workshop titled "Understanding Gen AI and its Applications—from Theory to Practice" conducted on 31st August 2024.
3. Webinar on IGEN ENVIRONTHON 2024 on 15th September 2024 with experts from IGEN .

Department of IT

1. A hands-on workshop titled "Understanding Gen AI and its Applications—from Theory to Practice" conducted on 31st August 2024, Mr. SaravananVelrajan, Head of Digital Consulting at Ginkos India, the resource person.
2. A hands on workshop on "Blockchain Essentials: Concepts & Applications" conducted on 31st August 2024, Dr. Syed Ismail A., Assistant Professor, Department of Data Science & Business Systems, Faculty of Engineering & Technology, SRM Institute of Science & Technology, Kattankulathur, Chennai, served as the resource person
3. A Guest Lecture on UI/UX Design A Guest Lecture on "UI/UX Design" was conducted on 6 September 2024, Mr. K. L. Venkateshan, Zonal Head of Image Creative Education Pvt. Ltd., Chennai was the resource person
4. A Guest Lecture on Workday – A Cloud based AI Driven Platform th was held on 14 September 2024. Mr. Saijagadish.S , Senior Associate, Projects, Cognizant was the resource person.
5. A two-day workshop on Power BI was held on 13 & 14 September 2024. MsSrividhyaKrishnamoorthy, Track Lead, Aspire systems India was the resource person.

School of FT

1. Students from the FT department presented their collection at Madras Couture Fashion Week on 21 July 2024. It was an excellent platform to showcase their talents alongside professional designers, brands and boutiques.
2. A hands-on Workshop on Colouring Textiles with Natural Dyes and Mordants was organised on 3 August 2024, led by experienced textile designer Mr. R. Krishnamurthy,
3. In view of the 10th National Handloom day celebrations, on 12th August 2024 weavers were honoured for their impeccable contribution towards the handloom community. Esteemed artisans, including National Award winner Sri. B. Krishnamoorthy and Sri. C. Kannan were bestowed with the prestigious "Patron of Handloom" award.

4. A seminar on "Building an Entrepreneurial Career in the Apparel Industry" was held on 20th August 2024, led by Mr. K. Yuvaraj, Project Management Head at YSAP Consultancy, Coimbatore.
5. The Blooms of Preloved Things—KCG Tech's floral installation at BiG FM's Eco Carnival—celebrated creativity and sustainability. Guided by artist Mrudhubashini, students upcycled 10 kg of cloth waste, transforming it into stunning blooms inspired by southern favorites like jasmine, fire lilies, and birds of paradise.
6. MsSanjana Ravi, Deputy Manager – Design, Modenik Lifestyle Pvt Ltd., Bangalore led the workshop on Concept to Collection: The Art of Fashion Product Development on 15th February 2025
7. Workshop on Fashion Illustration and Portfolio Presentation was held on 17th and 18th February 2025. Ms Freya, Fashion Illustrator and Educator was the resource person.
8. A Two day webinar on Digital Fashion Tech & AI: Exploring Digital Tools in the Virtual Fashion Era was held on 20th and 21st February 2025. Ms Sonia Jha, Founder – INTERACT.ED. Bengaluru was the resource person.
9. 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

Department of Mechanical Engineering

1. In association with IQAC, a guest lecture on "Aluminum Manufacturing Process in ALBA" was organized on 25 July 2024. Mr. A. Gobi Dass, Technical & Training Head at ALBA, Bahrain, was the resource person.
2. Students of the department participated in the Sustainability Energy Efficiency Decarbonisation (SEED) 2024 Conference, held on 31st August 2024 organised by L&T Construction (Buildings & Factories IC) and the ASHRAE Chennai Chapter, at the Main Convention Hall, L&TConstruction, Manapakkam, Chennai.
3. Guest Lecture on Practical Approach on Psychrometry HVAC System Design was organized on 28 September 2024. Mr M Ijas Ahmed, Senior HVAC Engineer, ENMAC Systems Private Limited was the resource person.

4. The Non-Destructive Testing (NDT) Workshop held on 9th October 2024 Mr. C.P. Venkatesh & Mr. Arun Jebaboosan T from SMEC Automation Pvt. Ltd was the guest.

Department of Mechatronics Engineering

1. A seminar on "Innovative Design & Development of Hydrogen-Powered Internal Combustion Engines: A Pathway to Sustainable Transportation" was held on August 31, 2024. Dr. Karunamurthy K, Professor at the School of Mechanical Engineering, VIT Chennai Campus, was the resource person.
2. The department organized a Seminar on Electric Drives for Robots on 14 September 2024. Dr M Sundaram, Associate Professor, PSG College of Technology was the resource person.
3. A Seminar on How Robots are shaping our world was organized on 28 September 2024. Dr Mervin Joe Thomas, Asst Prof., MIT, Surathkal, Karanataka was the resource person.

Department of Science and Humanities

1. Orientation Day 2024 for the batch of 2024-2028 on 5 September 2024. Kavingar J. ArulPrakash, a motivational and Pattimandram speaker was the Chief Guest and Mr. S. SujitNayak, Senior Vice President and BU Head- Aftermarket & Friction at Brakes India Private Limited was the Special Guest.
2. On account of National Science Day, Department of Science & Humanities organised a Quiz and Poster Making contest under the theme Empowering Indian Youth for Global Leadership in Science & Innovation for Viksit Bharat for first year students on 28th February 2025

Faculty Development Programme

1. A Five-Day Faculty Development Program focusing on Advanced Techniques in Wind Tunnel Testing was organized from July 8 to 12 2024.
2. Five-day Faculty Program on Immersive Innovation in Digital Education using AR/VR, powered by TANSAM took place from 8 to 12 July 2024.
3. Five-day FDP on IoT and Semiconductors – Synergies and Future was organised from 8 to 12 July 2024.

4. On 16 July 2024, the Faculty Affairs organized a seminar on "Imparting UHV-A Student-Centric Approach." The resource person was Dr. Sumathi, Associate Professor of Mathematics at Sairam Engineering College and Regional Coordinator of UHV provided an overview of the UHV syllabus, emphasizing the core principles of universal human values, and highlighted the importance of conducting interactive sessions.
5. In association with IQAC and IPR Cell, a Five-day faculty development program was organised from July 2 to 6 2024, that focused on effective proposal writing for extramural funding and the patentability of ideas and designs.
6. A comprehensive Orientation cum Faculty Development Program on Teaching-Learning, Examination, and HR Practices for new recruits.
7. A one-day Faculty Development Program on Generative AI was conducted for the teaching faculty of the institution on 10 September 2024. Mr. Jai Ganesh Suresh, Artificial Intelligence Architect at Ericsson, served as the resource person.
8. On 23 October 2024, a Faculty Interaction on Magnesium Composite for Hydrogen Storage Application was held, featuring Professor Song-Jeng Huang, Director of ATW SSHE-RC and Professor of Mechanical Engineering at NTUST, and Dr. Sathiyalingam, Project Manager at NTUST
9. A Six Day Faculty Development Program on Engineering Solutions for Sustainable Future: Uniting Disciplines to Tackle Carbon Footprint Reduction was organised from 4 to 9 November 2024.
10. A session on Basics of IPR & its Importance for Innovators and Entrepreneurs was organised on 22 November 2024. MrVinothNagarajan, Patent Engineer, Motherson Innovations, Chennai was the resource person.
11. Five Day National Seminar on Quantum Computing and Machine Learning Solutions ; Pathways to Sustainable Development from 9to 13 December 2024.
12. FDP on BIM using ArchiCADSolibri& Bluebeam from 7th to 9th January 2025
13. 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

- **Alumni**

are the backbone of any institution and the success of KCG Tech is in establishing and maintaining meaningful relationships with them. Their contribution through lectures and guidance are significant and appreciable. We value our relationship and we will continue keeping it strong and steadfast as they are one of our vital stakeholders in our progress.

1. The Annual Alumni Meet 2024, held on 15th August, was a vibrant and heart-warming event that reunited alumni from various batches to reconnect, reminisce, and celebrate their college memories
 2. In association with Department of ECE, a seminar titled "Sculpt your Future" was organized on August 31, 2024. Mr. Gladwin Antony, an alumnus from the 2017-2021 ECE batch and a Business Analytics Specialist at Velux Company Limited, UK, served as the resource person,
 3. Guest Lecture on Building a Secure Web: SSL, TLS & Beyond was organized on 19 September 2024. Mr. Shrijith Nair, Senior Technical Consulting Engineer, CISCO Systems, Bangalore & CSE Alumnus Batch of 2018-22 was the resource person.
 4. A hands-on webinar titled "Exploring the Path from Data to Intelligence" was conducted for second-year students on 3 August 2024. Ms. Geethu Mohan, an alumna of M.E. CSE (2011-13) and a Business Intelligence Engineer at Aviva, Norwich, UK, served as the resource person.
 5. The Panel Discussion on We have Miles to Go was conducted on 22nd February 2025 aiming at giving an insight into industry expectations, facing competitive exams and building confidence for the current students deserves a special mention. In addition, this year they have served as judges in most of the competitions organised in the college. They guided the current third-year students on facing campus interviews through mock interviews.
- **IQAC** of the college periodically audits our system by inviting experts from other institutions and organizations to ensure quality in teaching, learning and administration. It also collaborated with academic departments in conducting Faculty Development Programmes and Orientation Programmes. This year the cell organized Special Awards 2024 Ceremony and the faculty members who had served the institution for over 10 years and those who excelled in research and

projects were honoured.

- **Office of Student Affairs and International Services** conducted the mega interc collegiate cultural extravaganza, *Ethereal 2025* on 21st and 22nd March. A total of 3000 students including students from the host institution and various Arts, Science and Engineering Colleges participated in the 30 events conducted. The events were judged by celebrities from the fashion and cine industry.
 - **The Office of International Affairs and Higher Education** organized seminars inviting resource persons from the USA, the UK and Russia to deliberate on technical topics and higher education prospects.
1. Department of Civil organised an International Guest Lecture on Graduate Engineer Vs Professional Engineer – A Perspective on 20 March 2024. Professor Ir. Dr. U. Johnson Alengaram. Professor Alengaram, a Professor at the University of Malaya, Kuala Lumpur, Malaysia, and the Director of the Centre for Innovative Construction Technology (CICT) was the resource person.
 2. Workshop on Building DAPPS on Blockchain was organised on 28 March 2024 by Department of CSE. Mr Chaal Pritam, Founder, Web3 Chennai & Jezero Labs was the resource person.
 3. Seminar on Cyber Security as a career opportunity was organised on 26 March 2024. Dr Arunkumar, Senior Lecturer, Digital Forensics & Cyber Security, University of South Wales, Treforest, UK was the resource person.
 4. Seven-member student team from the Department of Civil Engineering has got selected for a prestigious summer internship program at the Universiti Malaya in Kuala Lumpur.
 5. A Seminar on Big Picture on Building Enterprise Applications was organised on 31st August 2024. The resource person was Mr Akshay R, Lead BI Engineer, Lumel Technologies Inc, Plano, Texas.
 6. Dr. Subramanian Senthil Kannan Muthu, Chief Sustainability Officer at Green Story, Hong Kong, has been appointed as the first International Adjunct Faculty for the School of Fashion Technology.
 7. College partners with I N T I Partnered International University & Colleges to redefine the future of education.

8. A Seminar on Emerging Trends in Semiconductor Energy Harvesting by Department of ECE was held on 3 October 2024. Dr Kishore Kumar PC, SeniorEngineer, Nexperia R&D, Penang, Malaysia was the resource person.

- **Centre for Transformational Leadership series of** workshops on Design thinking, Grooming Techniques, Communication Techniques and Leadership Skills.

1. A workshop on "Elegant Graces: Navigating Dresses & Dining Etiquettes" was held on 31 August 2024, led by Ms. Bela Susan Thomas, a Product Marketer at Zoho Corporation.

2. Design Thinking Workshops on 14 September 2024, for second-year CTL members. Led by Mr. SakthivelShanmugam, Senior Engineer at Markers Lab.

3. A seminar on Profile Building and Life Skills was organized on 20 September 2024, led by Mr. Sasikumar T, Chief People Officer at Grooton Technologies.

4. An interactive seminar for first-year students titled "Leadership: Lead from the Front" was organized on 9 November 2024. Led by SqnLdrUnni Nair, a HR professional and expert life skills coach.

5. An insightful seminar for first-year members titled Bridging the Gap: Turning Engineers into Communicators was organised on 23 November 2024. The session was facilitated by Ms. Priya Ganesh, a distinguished Certified Soft Skills Trainer.

6. Ms. Jennifer V, a final-year student from the Department of ECE and a dedicated CTL member, led a seminar on Students' Design Thinking Journey: From Ideas to Impact.

7. 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.

8. The session "Unlocking the Art of Impactful Leadership," led by George Koshi, Director of Learning and Development at Sify Technologies, on 15th February 2025, explored key leadership traits and the four primary personality types—Melancholic (analytical), Choleric (assertive), Sanguine (outgoing), and Phlegmatic (calm).

- **GeneralandTechnicalClubs**ofthecollegeorganisedmanyeducationalsessions

by inviting experts and conducting competitions for the members. The 22 KCG Clubs organized 6 educational sessions. The music videos produced by the college band and posted on college social media handles during significant days have gained rapid attention on the Internet.

- **Department of Physical Education** organized Orientation on Pickleball on 29th August 2024, Dr KCG Verghese Memorial 2nd International FIDE rating Chess Tournament from 1st to 5th May 2024, The Chairman's Trophy - Interschool Sports Fest 2025 from January 22 to 25, 2025 and the annual sports day was conducted on 28th March 2025.
- We organised events commemorating and celebrating all important international and national days and festivals. They include, International Youth Day, Ethnic Day, Suicide Prevention Day, World Mental Health Day, Independence Day, Teachers Day, Engineers Day, Memorial Day, National Handloom Day, National Science Day, Women's Day, World Space Week, Quit India Movement Day, Onam, Christmas, Ugadhi, Diwali and Pongal.

As social responsibility initiatives, we serve to the under privileged section of the society, connect with school students and guide them on career choices and be sensitive about environment degradation and nurture physical and mental health. In this line, our NSS unit conducted Blood Donation Camp, Dental Camp, and Eye Check up.

We encourage our students to showcase their talents in the competitions hosted by the college and other institutions. Our students have made a mark at international, national, state and regional platforms and have brought laurels to the institutions. I would like to read a few pertinent achievements made by your students.

Project Challenge

- First Place for outstanding innovation in the Hackathon, organized by the National Technical Textiles Mission (NTTM). Project by Samyuktha S & Subha K, of III Year, School of Fashion Technology recommended for funding of upto Rs. 50 Lakhs under the GREAT funding scheme.
- First Place with a Cash Prize of 1 Lakh Rupees at the International Water Conclave Shillong 2024 conducted by Government of Meghalaya. Shaik Althaf, III Year, EEE & Nafisa B, III Year, Aerospace Engineering received the award from the Hon'ble Conrad Sangma, Chief Minister of Meghalaya.

- Second Place at SVCE's National Level Hackathon "INNOWEL" The Third Edition of I-Cube.by Mohamed Shuhail G & MudhassirHabeeb KM of 2 year, ECE and Rithika SK & IyaadLuqman K of 1 year CSE
- Nitisri T S & Shyamilly R of Final rd year, CSE and Abishek J A of 3 year ECE represented the Team OPTICOPS and won 2 Prize with a cash prize of Rs.6,000 at 14 International Project Competition and Exhibition VISAI 2024
- Mukesh G, Rahul Dravid S, ShaikKameel, BalaSubramani M & Naveen Raj Y of 3 year Automobile Engineering and Nirmala Devi M & MohanaPriya M of 3 year, CSE represented the Team B Riders and won the Second prize under the category Best Maneuverability in the SAE- National Level Bicycle Design Competition.
- Nitisri T S & Shyamilly R of Final year, CSE rd and Abishek J A of 3 year ECE represented the team OPTICOPS and won 1 Prize in Best Project Award, with a cash prize of Rs.12,000.
- Samira.S, 3 year CSE & Vasanth M, 3 Year Civil represented Team STIMUTECH and secured the 2 Prize, earning a Seed Fund of Rs. 75,000 in the RUSA Startup Cafe 2024 National Level Pitchfest held on 26 & 27 April 2024, by the Centre for Entrepreneurship Development at Anna University.
- Team Warlocks comprising students from the department of ECE has received the People's Choice Award with a cash prize of Rs.1 Lakh for their project Real-Time Distributed Energy Monitoring Solution at The Technology Infusion Grand Challenge organised by La Trobe University, Melbourne, Sydney. The Team secured a substantial grant of 300 AUD to support the initial prototype development of the project.
- Team Jnana won 3 Runner Up with cash prize of Rs.30,000 at the Women's Hackathon' 24 conducted by TANCAM and Dassault Systems.
- Team Desperado has emerged Third Runner Up in the Cyber Hackathon 2024 held at SRMIST Ramapuram, organized by the Cybercrime Cell, Greater Chennai Police. The team members have also secured a Three Month Internship from HebeSec Technologies Pvt. Ltd., Cyber Security Services Company.

- Team Stimutech has won the Overall 1 Place with a cash prize of Rs.50,000 at the CMR HACKFEST 1.0 (36 Hours), A National Level std Hackathon held on 1 & 2 of March 2024 at CMR College of Engineering & Technology, Hyderabad.
- Team Trinity of the college has emerged as the 1 Runner Up with a cash prize of INR 50,000 at the Womens Hackathon '24 conducted by TANCAM and Dassault Systems.
- Team INFERNO won the First Place in the Armageddon (Drifting and Pulling) category and secured an impressive All India Ranking of 6 at the MEGA ATV CHALLENGE hosted by AUTOSPORTS INDIA.
- Nafisa B, a 3-year student from the Department of Aerospace Engineering emerged as the 2 Runner Up at MECHAURA 2024, conducted by Collins Aerospace in association with Pratt & Whitney. She has been awarded with a internship opportunity at Collins Aerospace in recognition of her outstanding performance.
- Pradeep Narayanan V, 4 Year, IT and Mohammed Kareem S, 3 Year, IT won the Innovative Project Awards in the CSI Kanchipuram 3 Chapter Level Awards 2023-2024.
- Team Desperado emerged as the Runner Up at the Instant Impact Ideathon for Future Endeavours organized by IET.
- Students from the Department of ECE have secured the 2nd Runner-up position in the Student Engineering Team Challenge 2024, organized by IEEE.
- Team Alchemist from the college achieved a remarkable feat by winning First Place in IIT PALS Analyze Case Study Event, hosted by IIT PALS- Madras.
- Three exceptional project teams have secured funding under the Tamil Nadu State Council for Science and Technology (TNSCST) Student Project Scheme 2023-24.
- Students have achieved an outstanding 2 place in the prestigious Smart Industry Hackathon 4.0, sponsored by Bonfiglioli. This exceptional achievement was recognized with a cash prize of ₹1,00,000.
- Team Pac-Bot has won the Smart India Hackathon 2024 under the problem statement Water Surface Cleaning Proposed by Autodesk.

- Joint Winner in the Smart India Hackathon (Hardware Edition) secured a cash prize of Rs 50,000.
- INFERNO Racing Team of the college made an impressive debut at the mBAJA SAEINDIA 2025 and secured - All India Rank – 26, Tamil Nadu Rank – 5 and Chennai Rank –2
- IyaadLuqman K, a 2 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
- Aarthi Sri T, a second-year ECE student from Team Q, secured the 1st position at the IIT PALS Residential Student Workshop.
- At Srishti 2025 – Innovatex 2K24, organized by SAINTGITS College of Engineering the following teams won prizes:Team Infinite Reality (I Prize) , Team Neocare (I Prize) , Team NeuConn (II Prize) , Team Desperado (II Prize), Team Aquatch (II Prize)
- Team Desperado secured First Prize in the AI & ML Domain at Smarthaton, a 24-hour National Level Hackathon, organized by St. Joseph's College of Engineering in association with L&T and IEEE Industry Application Society.
- Team Sustainable Auto Equipment from the college secured Third Prize with special recognition at Makers Arena 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

Sports Achievements

1. Mohitha R T, our sports champion from the Department of Aeronautical Engineering has won the Bronze Medal at the World Women's Snooker Championship held in Golem, Albania.
2. Asmithaa M, 3rd Year student of the Department of Aerospace Engineering won the Runner Up in the Under 21 Women Lawn Tennis Tournament at the Chancellor's Trophy organised by Hindustan Institute of Technology and Science on the 10 & 11 of February 2024.

3. R. AswinKumar, III Year Aeronautical Engineering student, and Hariharan, II Year, AI & DS won III place in India B in the Asia Cup Tennis Ball Cricket Tournament.
4. Irin Maria, a final-year student from the Department of Aeronautical Engineering secured First Place in the Pongal Sports and Games 2024 Tennis Tournament organized by the All Sports Association of Tirunelveli District.
5. Immanuel CJ, I Year Aerospace Engineering student won Second Runner Up Title in 10 meters Air Rifle Shooting Category in Khelo India Youth Games.
6. Mr. Dinesh R, a third year student from the Department of Electronics & Communication Engineering has won 2 Silver Medals in the Senior (U-21) Male Kata and Senior (U-21 -70 kg) Male Kumite categories respectively at the 20th International Okinawa Goju-Ryu Ipoh City Open Karate Championship 2024 at Arena Badminton, Ipoh, Perak, Malaysia.
7. P. Saravanan, from second year Mechanical Engineering and ArunBalaji from second Computer Science and Engineering have won the Bronze Medal in Judo Championship at CM trophy and qualified for State Championship.
8. D. Latika from first year ECE has won the Silver Medal in Boxing Women Championship at CM trophy and qualified for State Championship.
9. KCG College Team won the Bronze Medal in Anna University Zonal Table Tennis Championship held at Loyola ICAM College Engineering and Technology.
10. D.Latika of first year ECE has won the Bronze Medal in CM Trophy Boxing Championship and received a cash award of Rs.50,000/-
11. Gnanavarshni of finalYear ECE has won Gold in Anna University Inter Zonal Taekwondo Championship held at Stella Mary's Engineering College.
12. KCG Football Team won the third place in the Anna University Zonal Tournament held at Md. Sathak Engineering College.
13. A Total of 81 students and two staff participated in a panel discussion on Road to Olympics Brisbane Australia 2032 held at HITS.
14. KCG FootballTeam won the fourth place in Founder Chancellor Trophy and won a cash award of Rs. 7,000/-.

15. Dinesh R of third year ECE won a Gold Medal in Chennai District Karate Selections and qualified to participate in the State Selections to be held in January 2025.
16. Nisha C., a final-year student from the Department of Aeronautical Engineering, won in The Senior Category of the Khelo India Asmitha Rugby League held in Chennai on 6 November 2024.
17. Roshan, a first year student from the Department of ECE won the Silver Medal in the Anna University Inter Zonal Judo Championship held at Kongunadu College of Engineering, Thottiyam, Trichy on 13 November 2024.
18. D.Lathika, a first year student from the Department of ECE has won the Gold Medal in Anna University Inter Zonal Boxing Tournament held at Govt Engineering college rdthBargur, Krishnagiri on 23 and 24 November 2024.
19. Immanuel of second year Aeronautical Engineering has won the Gold Medal in Anna University Inter Zonal Shooting Tournament held &organised by Anna University Sports Board Chennai.
20. Asmitha of Final Year Aerospace Engineering has won the Anna University Inter Zonal Lawn Tennis Tournament held at SSN College of Engineering.
21. AnandVignesh, a first year ECE student has won the Bronze Medal in Anna University Inter Zonal Boxing Tournament held at Govt Engineering College Bargur, Krishnagiri on 23 & 24 November 2024.
22. Shyam Prakash of Second Year Mechanical has won the Bronze Medal in Anna University Inter Zonal Boxing Tournament held at Govt Engineering College Bargur, Krishnagiri on 23 & 24 November 2024.
23. Roshan, a first year student from ECE won the Silver Medal at the Anna University Inter- Zonal Championship held on 13th November 2024
24. Immanuel, II Aeronautical student won Gold Medal at the Anna University Inter- Zonal Shootig Tournament organized by Anna University Sport Board Chennai

NCC Accomplishments

1. Overall 1 place at the STC Theaga Fest 2024, conducted by 1 TN Battalion NCC Unit facilitated by Sir Theagaraya College.

2. Overall Trophy and Overall Banner at the CADO Guru 2024 Fest conducted by Chennai A Group, 1 TN Battery NCC, Gurunanak College.
3. Overall trophy and the overall banner in CADO BHIM conducted by Dr. Ambedkar Government Arts and Science College.
4. Overall Runner-Up Trophy at the 42 CADO FEST, hosted by Chennai A, 1 TN Battalion NCC unit at Dwaraka Doss Goverdhan Doss Vaishnav College.
5. Cadet Senior Under Officer SwanandKasar of Final Year Aeronautical Engineering has been selected for the Overseas Deployment of 1TS Autumn Term-24 Camp where he embarked on a Naval Cruise, visiting The UAE, Saudi Arabia, Kuwait Oman and Bahrain.
6. Cadet Swetha B, a 3 year student from the Department of InformationTechnology was selected to represent the KCG NCC company at the prestigious All India ThalSainik Camp (AITSC) in New Delhi.
7. 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.

Cultural and Literary Achievements

1. Ramanan SV, III CSE won the first prize with cash prize of Rs. 6000 in the Chennai District-level Folk dance competition with his captivating Karagattam performance.
2. Ramanan, a final year student from the Department of Computer Science & Engineering, has secured the first prize in the Silambam Competition organized by the SenthamizhVeerasilamba Art Gallery at Manford School, Chennai.
3. Ishrath Ayesha. A II Information Technology s bagged the 1 prize with a cash award of Rs 5000 in Creative Writing, a National-Level Competition held at National Institute of Fashion Technology(NIFT).
4. MsKanmani, I year IT (B8) received Outstanding Performance Award in Poetry Recitation Contest organised by Universal Writers Conference.
5. Devi Sri, a second-year Aeronautical Engineering student, has been appointed as Assistant Area Director Program Quality-F1 in Toastmasters International.

6. TM Devisri, II Aeronautical & TM Devasena, III Aerospace have won Third Place in Humorous and Evaluation Speech Contests respectively in the Area F1 Contest.
7. Devisri K, II Aeronautical participated in a World Record Attempt organized by Screen Media and was honoured with the title of NatkakalaSaraswathi by the World Book of Records.
8. KCG Dance Troupe won first place in Group Dance in SISEW event organized by Hindustan Arts and Science College on 7th Feb 2025.
9. KeerthanSaravanan from first year, Aeronautical Engineering won BEST DIRECTOR AWARD in the short film competition organised by MOP Vaishnav College.
10. The dance team secured Second Prize at Hindatsav, an intercollegiate cultural competition organized by Hindustan College of Arts and Science, Chennai

Last Word

This report is a testimony to our efforts to impart knowledge on the latest technological advancements. It reiterates our active engagement in research, innovation, and practical application of automation and artificial intelligence. Dear Students, Remember that we do not inherit the earth from our ancestors, we borrow it from our children. Let all your innovations in artificial intelligence, automation, electric mobility, and sustainable energy be guided by ethical considerations and long-term sustainability. Embrace innovation with responsibility, think critically, act ethically, design sustainable solutions, and leave behind a legacy of progress rather than destruction.

Wish you all good luck.

Thank You.