



KCG
COLLEGE OF TECHNOLOGY
AFFILIATED TO ANNA UNIVERSITY | AUTONOMOUS

26th College Day -27th April 2024
Principal's College Day Speech

Respected chief guest of the day, Dr Subramani Ramakrishnan, Vice President, UPS India Technology Center, Chennai, Respected Chairman- HGI, Director, KCG College of Technology, Dean Academics, Registrar, HoDs, Staff and students, Good afternoon and my warm welcome to you all.

College day is a celebration that marks the end of an academic year. Though celebrated alike by faculty and students it means different for each one of them. For most of us it is the time to reflect upon the journey we embarked upon and feel contented with our contributions and also look forward to further perfect them in the future. For some it is the day to share with others their joy over receiving awards and recognitions today. For a few it is the day to showcase their skills and talent in music and dance. For a group, especially to the final year students it a mixed emotion.

Dear outgoing students, college day for you is an unofficial announcement of your transformation into a professional. Some of you may be excited about moving to a different environment – could be to a new campus for higher studies or to a workplace environment. Some of you may be confused about the choices you have to make- which country or university to choose for higher education and again which company to choose when you have multiple job offers. You all may regret parting your batch mates, juniors, teachers and the campus in a few months' time. At this moment, one thing I am certain about is that your future is going to be bright for you are stepping out of the campus that empowered your dreams and engineered the realities.

On this 26th College Day let us all reflect on our one-year growth and learning. Let us cheer the achievers who are to be recognized in some time and also enjoy the visual treat of cultural performances. With this note I welcome you all to the 26th college day celebration.

It is my privilege to present the annual report highlighting our activities and accomplishments for the period from June 2023 to April 2024.

New Initiatives

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

- Introduction of BE Programme in Cyber Security
- Introduction of Foreign Language Courses- French and German for first year students
- Association of Universities of Asia & the Pacific (AUAP) Membership.
- Inauguration of Malala Yousafzai – Women's Club by Dept. of IT
- Inauguration of TAC Club by Dept. of AI&DS
- Mapping all co-curricular and extra-curricular activities on campus with UNSDG

Awards and Recognitions

Our infrastructure, commitment towards providing quality technical education, perseverance towards keeping up with the trends and upskilling our students, commendable placement records, support extended to student start up and entrepreneurship have enabled us to secure top positions and recognitions among the engineering colleges in India. Our faculty members are also recognized for their contribution in the field of education. Some of the awards and recognitions we received include:

- NBA accreditation for three Programmes -CSE, ECE and IT- for a period of 3 years
- Ranked in the band 11-50 among the top educational institutions in India by National Institute Ranking Framework for Innovation
- Received 13 Anna University Ranks. 9 ranks by Aeronautical Engineering students which include top 3 ranks, 2 ranks by students of Information Technology and 1 rank each by Fashion Technology and Mechanical Engineering students.
- Received FICCI-TANHESA Best Private Engineering College Award.
- Received World Institutional (WI) Ranking, OBE Award- Gold Band with A grade

- Received 9 Awards in IGEN-Energathon that includes Star Contributor Appreciation Award and IGEN Sustainability Best Practices Award to our institution.
- Received Engineering Education Excellence Award 2023 from Institution of Engineers for commendable performance.
- Elite 4-Star Rating to Institution's Innovation Council (IIC) from the Ministry of Education Innovation Cell (MIC)
- Ranked as one of the Top Engineering Colleges in GHRDC-CSR Engineering Colleges survey, Indian Institutional Ranking Framework (IIRF) Engineering Colleges survey and also in the survey conducted by leading magazines like The Week, Times, India Today, Chronicle, Dataquest etc.
- Department of Aeronautical Engineering holds the record for India's highest ever placement from a single company. Capgemini, Bangalore has hired an astounding number of KCG Techians from the Batch of 2023.
- Lifetime Achievement Award to Founder Chairperson, Dr Elizabeth Verghese from Rotary Club of Chennai Capital.
- IGEN awarded:
 - Special Appreciation Award to Dr. T. Anuradha, Professor & HoD-EEE, Dr. K. Karthikeyan, Assoc. Prof.-EEE, Dr. B. Brindha Sakthi, Asst. Prof.-EEE- Speaker Appreciation
 - Star Green Organiser Award to Dr. T. Anuradha, Professor & HoD-EEE
 - Organizing Volunteering Member Award to Ms. A. V. Suganya, Asst. Prof.-EEE
- Indian Aerospace Faculty Leader Award from IAAA to Dr Dr R Asad Ahmed, Prof- Aeronautical
- Prestigious Engineers Award to Dr V. Vandhana Devi, Head, Department of Civil Engineering for publishing Outstanding Research Papers in Civil Engineering with societal relevance
- Recognition from NPTEL as Top Performing Mentor and NPTEL Ambassador to Dr T Mothilal- Professor & Head- Automobile
- Outstanding Club Treasurer Award to Dr Jesudass Thomas in the Y's Men International- South India Region- Regional Awards and the Best President Award to Dr Karthikeyan in the District Awards
- Dr Amrutha, Professor, Department of S & H, Dr D Easu, Associate Professor, Department of Mechanical Engineering & Dr K Karthikeyan, Associate Professor, Department of EEE were felicitated for their contribution to the society under Guru Devo Bhavo initiative of Gleneagles Global Health City, Chennai

- Award for Excellence in Teaching to Dr. T. Anuradha, Professor & HoD-EEE from Lions Club of Chennai
- Best Man Academic Practitioner Award to Dr Vignesh Kumar from IET.
- Wonder Woman Award 2024 to Ms Jayanthi, AP- Chemistry for her contribution to the field of education.

MOUs Signed

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

- C R P (India) Pvt. Ltd.
- Tamilnadu Technology (iTNT) Hub
- RDC Concrete
- IMARTICUS Learning
- American International University, Bangladesh
- Daffodil Institute of Information Technology, Bangladesh
- Daffodil International University, Bangladesh
- Sias University, China
- John Von Neumann University, Hungary
- Universitas Airlangga, Indonesia
- Lyceum of the Philippines University Batangas, Philippines
- Bataan Peninsula State University, Philippines
- Mountain Province State Polytechnic College, Philippines
- St Dominic College of Asia, Philippines
- University of Southern Mindanao, Philippines
- Panpacific University, Philippines
- IIC University of Technology, Cambodia
- Siam University, Thailand

Research and Consultancy

This academic year, a total of 7 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, 236 papers are International Scopus indexed publications. H-index of the college is 30 with 6208 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 6 Indian Patents, 4 International Design and 3 Indian Design application were granted this year.

Received a Consultancy Project from Smago Consulting for 1,05,000 INR , from ZRAE Global, Chennai for 50000 INR and Thouway Technologies (Through-IITM PALS RuTAg) for 50,000 INR.

Training and Placement

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

91% of our eligible students have been placed in reputed companies so far and the recruitment process is still in progress. A total of 108 companies visited our campus this year and among them Accenture, Cognizant, Hexaware, Infosys, Virtusa, Zoho, Capgemini (Aero), Kaar Technologies, CISCO, Data Patterns, Ashok Leyland, Minda Corporation, Anunta Tech, Avasoft, GX India, Sopra Steria, Maplelabs, Jman Group, Maventic and Brakes India to name a few are the leading recruiters this year. The average CTC is 4.4 LPA and the highest being 9LPA.

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, Technical Symposium, Vivanta, was conducted on 12th September 2024 with 1000 registrations from students across colleges. The 2nd Edition of TEDxKCG

conducted on 16th March 2024 was a resounding success with a line-up of 17 speakers from various domains. Engenius 24, a talent carnival for school students was conducted on 3rd February 2024. A total of 1100 students from 20 schools participated in workshops and contests.

This year, our academic departments, Clubs, Student Chapters, Office of Student Affairs and International Services had organized nearly 170 educational sessions in the form of domain specific webinars, seminars, workshops and training programmes. 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. They bridge the gap between the curriculum and the current trends in the market enabling our students to upskill themselves. In addition, this year they have served as judges to most of the competitions organised in the college. They guided the current third year students on facing campus interviews through mock interviews. The alumni meet was conducted on 30th July 2023 with 200 alumni registrations. We value our relationship and we will continue keeping it strong and steadfast as they are one of our vital stakeholders in our progress.

Due to paucity of time, I will read a few from the list of events organised. For more details, please visit the college website.

- **Department of Aeronautical and Aerospace Engineering** organized a webinar on Space Technology- A boon to Mankind celebrating World Space Week with scientists from ISRO and Vikram Sarabhai Space Centre as resource persons.
- **Department of Artificial Intelligence and Data Sciences** organized seminars and workshops on recent topics like Fundamentals of Deep Learning for Computer Vision, Generative AI for Beginners, Big Data Ecosystem in Data Science` and Predictive Analytics in the industry.
- **Department of Automobile Engineering** organized a Workshop On TIFAN 2023 and a seminar on Future of Mobility – Disruptive Trends and Connected Technologies.
- **Department of Civil Engineering** organized a Hands on Training on Total

Station and a seminar on The Future of Construction Industry using BIM Technology.

- Department of CSE conducted a Project Competition- Innothon 23, a Tech Talk on Cyber Security with resource person from IGCAR and a Workshop on Prompt Engineering and Gen AI Tools.
- **Department of ECE** organized CSIR Sponsored Three Day Workshop on “Artificial Intelligence for Societal Applications – Space Exploration, Agriculture and Health Care” and a workshop on MATLAB & SIMULINK Solution for 5G and Beyond.
- **Department of EEE** organized a Workshop- ETAP for Electrical Engineers with resource persons from ELENTech.
- **School of Fashion Technology** conducted Workshops on Digital Fashion Portfolio & Industrial Engineering Techniques and Applications in the Garment Industry.
- **Department of Information Technology** conducted a Two Day Hands on Workshop on Machine Learning and a Hands on Training on Full Stack Web Development.
- **Department of Mechanical Engineering** organized two workshops – EV Technology and Manufacturing & Smart and Advanced Manufacturing under Naan Mudhalvan Scheme inviting resource persons from Tamilnadu Smart and Advanced Manufacturing Centre.
- **Department of Mechatronics Engineering** organized a Workshop on Problem solving and Ideation with industry experts as resource person.
- **Department of Science and Humanities** The English Division of the department organized a Two Day Faculty Development Programme on Writing for Research Publication and Project Funding and a guest lecture on Essentials of Workplace Communication.
- **Innovation and Entrepreneurship Development Cell** in association with the NSS Unit, organized MIC Driven Activity Viksit Bharat as part of Yuva Utsav, India @ 2047

The Project Development Cell conducted an in house Project Competition Young Technocrats 2024 –SDG Goals Innovation Competition on 23 March 2023 which provided an exciting insight into a sustainable future fueled by path breaking technologies.

The IPR Cell organized a Five-day Faculty Development Program on “Intellectual Property Rights (IPR)- Convert Ideas to Patent – A hands on FDP” and an IPR awareness/training program under the special mission called “National Intellectual Property Awareness Mission (NIPAM

- **Research Forum**

International Conference on Integration of Advanced Technologies for Industry 4.0, SERB sponsored Five Day Faculty Empowerment Program on Integration of AI and IoT for Industry towards Atmanirbhar Bharat and a Five Day Faculty Development Program on Scope of Quality Research for Funded Projects and High Impact Publications were conducted by the research cell.

- **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. It collects data for submission to AQAR, QS and other accreditation agencies.
- **Office of Student affairs and International Services** conducted the mega intercollegiate cultural extravaganza, Ethereal 2023 on 13th and 14th October. A total of 2000 students including students from the host institution and various Arts, Science and Engineering Colleges across the country participated in the 35 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. It was instrumental in signing MoUs with 14 global universities.

- **Centre for Transformational Leadership** organized Ideathon '23, an innovation challenge and organized workshops on Design thinking, Grooming Techniques, Communication Techniques and Leadership Skills.

- **General and Technical Clubs** of the college organised many educational sessions by inviting experts and conducting competitions for the members. The 17 KCG Clubs organized 6 sessions each. The music videos produced by the college band and posted on college social media handles have gained rapid attention on the Internet.
- **Department of Physical Education** in collaboration with KCG Tennis Legends Academy organized under 14 Tennis Tournament at our college tennis courts. The department organised Musculoskeletal screening and fitness testing for KCG Athletes.

We organised events commemorating and celebrating all important international and national days and festivals. They include, 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, we conducted Blood Donation Camp, Dental Camp, Eye Check up, Swatchhta Hi Seva and donated provisions and medical aids to those affected by Michaung cyclone.

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 our students.

- Ms Nisha.C, from III-year Department of Aeronautical Engineering received Hana Bank Scholarship
- Ramanan S V III CSE received I place in Chennai District Level Folk Dance Competition
- College Music Band II place in Intercollegiate Music Competition in G20 Summit 2023.
- KCG NCC Company has won the overall 1 place at the STC Theaga Fest 2024

- 1st place for outstanding innovation in the Hackathon organized by the National Technical Textiles Mission (NTTM)
- People's Choice Award at International Event -The Technology Infusion Grand Challenge organised by La Trobe University
- 1st place and 2nd place in PALS – Innowah
- 1st place for Best MATLAB PROJECT and Health Care Innovation in Shristi 23
- 1st place in India Design Week Challenge- IDW 2023
- 1st place in Autodesk fusion 360 Mega Challenge
- Special Jury Award in Mistral Hackfest
- 1st place and 3rd place in IET Smart City Challenge
- 3rd place in IIT PALS Analyze Case Study Event
- 1st place in Intelligent Innovators Hackathon
- 1st place in Go-Kart-FMAE
- 1st place in Nan Mudhalvan Hackathon – TANSAM
- Overall Champion in FDS-FMAE
- Four prizes in Software and hardware Category in Smart India Hackathon
- 1st place in Shillong Water Hackathon
- SAE Bicycle - Best Maneuverability Award
- 1st place in CMR Hackfest

Sports

- Gold Medal at State Level Boxing Championship under the category Senior with weight 71 to 75 kg.
- Bronze medal in women's doubles split age and silver medal in in women's doubles open at 5th Tamilnadu State Pickleball Tournament
- 2 Gold medals [1 in Open Kata Championship, 1 in Open Kumite Championship in Shivamogga Open 4th International Karate Championship-2023
- Gold medal in YMCA BUCK Memorial State Level Intercollegiate Taekwondo Tournament
- Gold Medal in 10m Air rifle events in Anna University Inter Zonal Air Rifle Shooting Championship
- Silver Medal in Anna University inter Zonal Boxing Championship

- Bronze medal in under 21 category at World snooker championship at Albania.

Last Word

Any educational institution worth its salt should evaluate its decisions based on their projected long-term impact on both its students and society. All our activities are centered on preparing our students for fruitful career and life. We help them to think critically, evaluate and analyse situations logically, offer creative and practical solutions and also identify right potentials for action. In this era of digitalization and automation we have a great mission ahead. Dear students, prioritize responsibility in applying your technical knowledge and skills, use them prudently, assess the impact of technological innovations and solutions and make the planet a better place to live in.

Good luck and wish you all Godspeed.

Thank You.