

Vol. No.2 | Issue No. 9 | September 2023

Campus Diary 2023



EDITORS' NOTE

Dear Reader,

The month of September is yet another month filled with events, celebrations and accomplishments. The current issue highlights the few milestone events of the month including First Year Orientation Programme, Internal Smart India Hackathon, Innothon 23 and technical symposium-Vivanta 23.

The issue captures the moments of celebrations of our beloved Founder Chairperson's Birthday, Teacher's Day and the Onam festival. It also proudly presents our institutional achievements, honors to our teachers in the form of awards from our management and other organizations and laurels brought by our students by participating and winning prizes in technical and sports events.

Here you go with the bird's eye view of our much happening campus.

Wish you all a Happy reading!

EDITORS:

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Ms. Tephilla Joice P

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DATAQUEST



The College is ranked 16th overall, 12th among top private institutions at national level, 3rd among the top colleges in South Zone & 2nd best institute in Chennai in the Top T-Schools Based on Employability Index 2023 by DATAQUEST.

Teachers Day Awards

Dr Amrutha, Professor, Department of Science & Humanities, **Dr D Easu**, Associate Professor, Department of Mechanical Engineering & **Dr K Karthikeyan**, Associate Professor, Department of Electrical & Electronics Engineering were felicitated for their contribution to the society under Guru Devo Bhavo initiative of **Gleneagles Global Health City**, Chennai on 9th September 2023.



Dr. Anuradha, Prof & Head - EEE was honoured with an award for Excellence in Teaching in the Teacher's Day Celebration organized by Lions Club of Chennai Golden Sun on 24th September 2023. The award was given by **Mrs. Thiruvallarselvi**, Deputy Director, TRB, Government of Tamilnadu.

IET - SMART CITY CHALLENGE & PRESENTATION



Dr. Vignesh Kumar, Assistant Professor, Department of Mechanical Engineering was awarded the Best Man Academic Practitioner by IET.

Team Stimutech – **Prithiyanga** of 3rd CSE, **Vasanth** of 3rd Civil Engineering, **Samira S** of 3rd CSE & **Heavenly Paul Roshan** of 3rd Civil Engineering - won First Place with a cash award of Rs. 25,000 in Smart City Challenge conducted by IET.



Team Opticops – **Nitisri & Shyamili** of 4th CSE & **Abishek** of 3rd ECE - won the Third Place in Smart City Challenge conducted by IET.

Kaviya of 1st ECE won Second Place with a cash award of Rs.10,000 in the Paper Presentation competition conducted by IET.



A total of 145 teams from around the country participated in the initial round, with 30 teams being selected for the finals which focused on the development of innovative prototypes for smart cities.

INTELLIGENT INNOVATORS HACKATHON

Jagadeesh, B.E Mechatronics Engineering, **Nitisri** & **Shyamilly** of 4th year Computer Science & Engineering & **Abishek** of 3rd year Electronics & Communication Engineering participated in the Intelligent Innovators Hackathon conducted by Sri Eshwar College of Engineering and secured the First Place with a cash award of Rs. 50,000.



Skillathon

In the Skillathon conducted by Hindustan Institute of Technology & Science, **Tarunes K** & **Sriram GJ** of 3rd year Information Technology represented the team CyberOtaku & won First Place with a cash award of Rs. 5000. **Shriram SS** & **C Pragadeesh** of 3rd year Information Technology represented the same team & won Second Place with a cash award of Rs. 2500 in the event App Development.



PALS TuTr HyperLoop Hackathon



Nafisa B of 3rd Year Aerospace Engineering has won 3rd place in PALS TuTr HyperLoop Hackathon. A total of 750 candidates took part in the hackathon.

IIT PALS Analyze Case Study

Dhanasekar of 4th year Mechanical Engineering, **Ajay Elvis Dsouza** of 4th year Automobile Engineering, **Velu Kailash** of 3rd year Automobile Engineering & **Jemima Jennifer** of 3rd year Aeronautical Engineering represented the Team Maverick & won Third place for their project Pedestrian Safety Systems in Cars at IIT PALS Analyze Case Study Event under the theme Core Engineering.



MATHZOOM-2023



T.Lalith Prakash, A.Shawaf Khan & Raghul Prasanna of First year Computer Science & Engineering participated in MATHZOOM-2023 conducted by Stella Maris college & won 3rd place in the BRIGANTINO competition.

Best Camper Female Award

Vakkalagadda Drishti Rao of 3rd Computer Science & Engineering has won the Best Camper Female Award at Y's Men International Club District Youth Camp on 25th September 2023.



KCG Toastmasters Club Evaluation Speech Contest



Winner



Runners



TM Ayesha of 2nd year Information Technology won First Place, **TM Nihaarika** of 2nd year Computer Science & Engineering came the First Runner up & **TM Hazel** of 3rd year Aerospace Engineering, the Second Runner Up in the Evaluation Speech Contest.

Humorous Speech Contest

In the Humorous Speech Contest, **TM Nishanth** of 2nd year AI&DS won the First Place. The First & Second Runner up were **TM Jaey Harinee** of 2nd year Aerospace Engineering & **TM Snehalatha** of 2nd year Computer Science and Engineering.



Winner



Runners

Sports Achievements



Gnanavarshini of 3rd year ECE won Gold Medal in YMCA BUCK Memorial State Level Intercollegiate Taekwondo Tournament.

Department of Aeronautical & Aerospace Engineering
Seminar on Career in Aviation Industry & Future

A seminar on Career in Aviation Industry & Future was held on 9th of September 2023. **Ms. Chandrika Ramesh Kumar**, Finance Manager, Finnair, Estonia was the resource person.



Seminar on Hypersonic Aerodynamics for Aerospace Vehicles

Seminar on Hypersonic Aerodynamics for Aerospace Vehicles was organized on 27th September 2023. **Dr E Rathakrishnan**, Emeritus Professor(Retd), IIT Kanpur, India was the resource person.



Visit to Sathish Dawan Space Center

Students visited the Sathish Dawan Space Center(SDSC), **Sriharikota** on 21st September 2023. **Mr. Lokesh**, Technical Officer guided the students and explained about the various operations done by SDSC. Students visited the Mission Control Cabin (MCC) Launch Pads, Integration units for PSLV, GSLV Mk II, III) & Satellite Tracking Center.



Visit to CSIR - SERC

Second year students visited CSIR - SERC on 26th September 2023. They got an opportunity to visit Wind Engineering Laboratory, Fatigue & Structure Laboratory, Steel Structures Laboratory and Seismic Testing Laboratory.



Department of Artificial Intelligence & Data Science

Training in Fundamentals of Deep Learning for Computer Vision

In association with KCG Programming Club, Hands – on Training on Fundamentals of Deep Learning for Computer Vision was conducted on 9th of September 2023. **Dr C Ranjeeth Kumar**, Associate Professor/ Certified NVIDIA DLI Instructor, Sri Ramakrishna Engineering College, Coimbatore was the resource person.



Department of Automobile Engineering

Technical Talk on Tyre Care & Safety

Technical Talk on Tyre Care & Safety was conducted on 22nd September 2023. **Mr. Sudhershnan S Gusain**, General Manager, Technical Marketing, Bridgestone Pvt. Ltd., & **Mr Vinay Vijayvargia**, Deputy Director, Indian Tyre Technical Advisory Committee (ITTAC) were the resource persons.



Department of Civil Engineering

Workshop on Construction Sequences and Quality Surveying

Workshop on Construction Sequences & Quality Surveying was organised on 9th of September 2023. **Mr. Mohammed Suhaib**, Managing Director, Samsco Build & Design, Chennai was the resource person.



Workshop on BIM for Architecture & Building Design

Workshop on BIM for Architecture & Building Design was conducted on 23rd September 2023. **Mr J Philips**, Assistant Professor, Department of Civil Engineering was the resource person.

Industrial Visits

Students visited the Ultratech Ready Mix Concrete Plant on 9th September 2023.



Students visited World's Largest Coach Factory – Chennai International Coach Factory (ICF) & Rail Museum, Vilvakkam on 15th September 2023. ICF is the largest coach factory in India which produces 4000 coaches per year & produces Vandhe Bharath Coaches.



Department of Computer Science & Engineering

Seminar on Agile Methodology & Risk Management



A seminar on Agile Methodology & Risk Management was conducted on 9th of September 2023. **Ms. C Anatte Freny**, Associate Projects, Cognizant Technology Solutions, Chennai was the resource person.

Seminar on Overview on Data Analytics in Industry

A seminar on Overview on Data Analytics in Industry was conducted on 9th of September 2023. **Mr Sreeni Velappan**, Cloud & Data Engineer, **Mr Logeshwaran M**, Cloud & Data Engineer, & **Mr Karthik A**, Cloud & Data Engineer from Infocepts were the resource persons.



Project Mentorship Program

In view of forthcoming Innothon 23 scheduled on 29th & 30th September 2023, the Innocom Club organized a Project Mentorship Session on 9th September 2023.



Innothon 23 Grand Finale

Grand Finale of Innothon 23 took place on 29th & 30th September 2023. **Mr Sukhpreet Singh**, CEO, TANSAM Centre of Excellence inaugurated the session. A total of 35 teams participated in the 30 hr hackathon & presented their ideas. The team from Meenakshi Sundararajan Engineering College won the Overall Innothon'23 Title Winner Award with a cash prize of Rs. 25,000. The team from Anand Institute of Technology won cash prize of Rs. 10,000 for their project under the domain Web Development. KCG College of Technology won cash prize of Rs. 10,000 each for their projects under the domains App Development and Blockchain & VR. Special mentions was presented to Pimpri Chinchwad College of Engineering, Pune.



Industrial Visit

Third year students visited Network Geeks – Broadcasting Ideas on 11th September 2023.



Department of Electronics and Communication Engineering

Seminar on Career as an Entrepreneur

Seminar on Career as an Entrepreneur was conducted on 23rd September 2023. **Mr Joel Andrews**, Managing Director, Startup Activist, JESSO EDUTECH, Alumnus (Class of 2019), Department of ECE was the resource person.



Webinar on Global Outlook on 5G & Beyond

Webinar on Global Outlook on 5G & Beyond was organized on 29th September 2023. **Mr Bhaskaran Arumugam**, Alumnus ECE (2006 – 2010 Batch), Staff Engineer, Qualcomm, San Diego, USA was the resource person.



Industrial Visit

Final year students visited UV Rao Satellite Center, Bengaluru on 5th of September 2023.



Department of Electrical and Electronics Engineering

Intellectual Property Rights (IPRs) Practices & Policies

Awareness Program on Intellectual Property Rights (IPRs) Practices & Policies was conducted on 8th of September 2023. **Mr. Vinoth Nagarajan**, Senior Patent Engineer, Registered Indian Patent Agent IN/PA – 4783 was the resource person.



Industrial Visit

Final Year students of EEE and E&I visited 120 MLD STP Plant of Eco Protection, Kodungaiyur, Chennai on 10th September 2023.



School of Fashion Technology

Guest Lecture on Building a Successful Career in the Fashion Industry

Guest Lecture on Building a Successful Career in the Fashion Industry was organized on 9th of September 2023. **Mr S. Sudharsan**, Designer – No Grey Area & **Mr K Kirubakaran**, Freelancer Merchandising & Marketing were the resource persons.



School of Fashion Technology **Rampwalk**

Avante Garde Fashion India- Season 2 was organised by Rampculture on 30th September 2023 at NIFT Chennai Auditorium. 20 of our students designed avante garde fashion collections based on 2 themes namely Bipolar Versatility and Handloom – The heritage rulers.



Department of Information Technology

How to Plan for Start – up and Legal & Ethical Steps

In association with KCG Programming Club, a seminar on Full Stack Web Development was organized on 9th September 2023. **Mr Sabah Roshan**, Business Development Head, SA 3D Solutions, Chennai was the resource person.



Department of Science & Humanities**Induction Program for First Years**

The Induction Program for first year students was conducted to introduce the various aspects of the institution and also instill values of health & responsibility among them. Sessions on Yoga & Pranayama, NEP, Outcome Based Learning, College Kickstart Navigation Transitions, Universal Human Values, First Aid Practices, Training & Placement Prospects, Projects carried out on Campus, Life Skills, Awards and Accreditations, Anti Ragging, Toastmasters International and other extracurricular activities were conducted. A campus tour was also organised to felicitate student navigation on campus. Overall, the Induction Program was invigorating & set a positive tone for the first-year students.

**Institution's Innovation Council
Smart India Hackathon 2023**

Internal Round for Smart India Hackathon 2023(SIH) was conducted on 20th September 2023. A total of 75 teams (33 software, 38 hardware & 4 student Innovation Category) registered for the internal hackathon. The registered teams displayed their prototypes/demos and hardware & jury members comprising industry experts evaluated their projects. 30 teams (20 software edition & 10 hardware edition) were shortlisted for the SIH 2023.



Offices of Student Affairs and International Students Services

Panel Discussion & Seminar on the Growing Demand for Master's Program in a Changing World

Panel Discussion & Seminar on the Growing Demand for Master's Program in a Changing World was held on 5th September 2023. Seamus Higgins, Associate Professor Food Process Engineering, University of Nottingham, UK; **Yuri Hadi**, Associate Professor, PG Experience Director, Faculty of Engineering, Department of Architecture & Built Environment, University of Nottingham, UK; **Samreen K**, Student Recruitment Manager, Imperial College, London; **Farheen Memon**, India Representative, George Mason University, USA & **Ms. Gillissen Greten**, Academic and Cultural Engagement Specialist, University of New Hampshire, USA were the panel members. The event delved into the increasing demand for Master's Programs among students in a changing world as a reflection of the evolving educational and professional landscape. Panel members provided insights into the importance of gaining expertise in a specific field in order to capitalize on the rising requirement for highly qualified & skilled professionals across a number of industries.



Study Australia Showcase

Students visited Study Australia Showcase conducted by The Australian Government's Flagship at Taj Coromandel, Chennai on 12th September 2023.

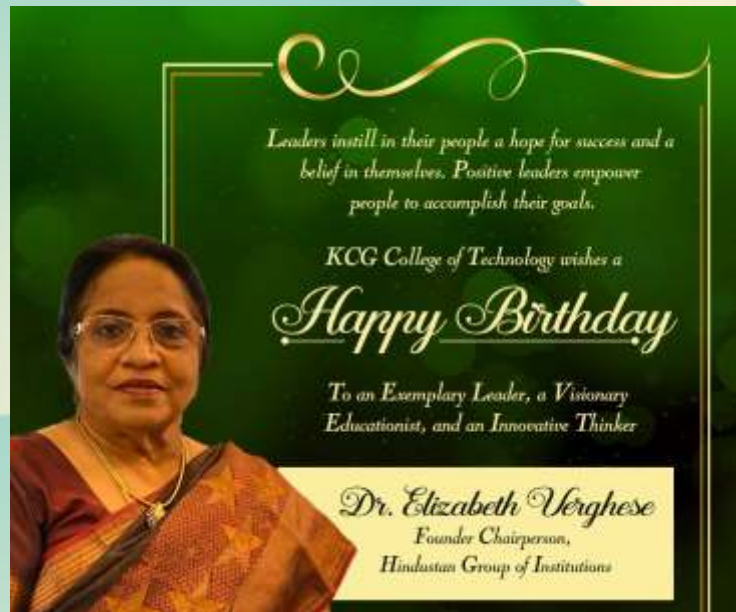


Education USA

Students attended Education Fair organized by Education USA at Hotel Hyatt on 2nd September 2023.



Founder Chairperson's Birthday



Onam Celebration

Onam Celebration was celebrated on 2nd September 2023 at Hindustan International School, Guindy. Faculty from KCG Tech & other colleges from the group of Institutions performed Thiruvathirakkali. Flywheel, a newsletter of HGI was released during the celebration by **Dr. Anand Jacob Verghese**, Chairman, HGI. Set sarees and Mundus were gifted to the gathering and the day ended with fun games & sadya.



Teachers Day Celebration

The Teachers' Day was celebrated with great fanfare on 5th September 2023. **Dr.M.Muthukannan**, the Principal welcomed the gathering & shared his views on how teachers transform lives, inspire dreams & push students to discover their true potential. **Dr. Anand Jacob Verghese**, Chairman, HGI presided over the event & delivered an inspiring address on the crucial role teachers play in shaping society. **Dr. Annie Jacob**, Director, KCG College of Technology commended the faculty for their dedication & contribution in academics & path-breaking research projects. The Best Department Award was conferred to the Departments of Aeronautical Engineering, Electrical & Electronics Engineering and Electronics & Communication Engineering. The evening concluded with spirited cultural performances by faculty & students.



Orientation Day 2023

KCG College of Technology welcomed students from the Batch of 2023-2027 on 11th September 2023.

Dr. M. Muthukannan, the Principal delivered the Welcome Address and gave a comprehensive overview of the college as well as an introduction about the Management.

Dr. Annie Jacob, Director, KCG College of Technology formally welcomed the students & encouraged them to achieve their highest potential during their years at KCG Tech.

Our honoured Chief Guest **Mr. Nellai S Muthu**, Former Scientist, ISRO gave a motivational address to the students on the importance of capitalizing on their college years and become leaders in their chosen fields.

The Special Guest **Mr. Madhanraj**, AVP, Infosys emphasized the need for students to develop Lateral thinking and Innovate new products & solutions fuelled by their technical education.

Mr. Enid Jacob, Deputy Director, HGI presided over the official release of Campus Buzz, the KCG Tech Newsletter.



Live Musical Fest

Artists from The Monks performed at the Live Music Fest for the students on 5th September 2023.



World Suicide Prevention Day

On account of Suicide Prevention Day, to create Hope through Action, Dance Club students performed Dance & Mime to create awareness on Suicide Prevention on 7th and 8th September 2023



Eye Check – Up Camp

In association with Mugavari Eye Hospital, an Eye Check – Up Camp was organised on 23rd September 2023.



Vivanta

A National Level Technical Symposium, Vivanta, took place on 22nd & 23rd September 2023. In the Symposium, participated by 1100 students, 40+ events & a few onspot events were conducted. **Mr. M. Sanmugasundaram**, Scientific Officer, IGCAR inaugurated the two-day national symposium & **Mr. M Srinivasan**, Deputy Director, CVRDE, DRDO was the chief guest for the valedictory event. Prize winners were felicitated by the chief guest during the valedictory ceremony.



Behindwoods Fans Festival

Behindwoods Jayam Ravi Fans Festival was held on 25th September 2023 at KCG College of Technology.

The programme was an occasion for Ravi to relive his college life and a moment for his fans to cherish the movies he has done during the 25 years of his journey in cine field. The fans entertained the audience with skits, dance and music. They wonderful time listening to Jayam Ravi's mind-blogging responses to the questions of Bala, an anchor and actor.



Research Summary September 2023

Publication in SCI Indexed Journals

| Authors | Journal Name | Article Title | Impact Factor | ISSN | Indexing |
|--|-------------------|---|---------------|---------------|---|
| Ms. Lija R. L, Asst. Prof.(SS), Dept. of Civil Engineering | Polymers, MDPI | Microstructure & Water Retention Kinetics in Autogenous Cured Self-Compacting Concrete Blends Using Super Absorbent Polymer | 5.0 | 2073 -4360 | SCI, Anna University Annexure I, Q1 Journal |
| Dr. Deepa Jose, Head Research, Dept. of ECE | IEEE ACCESS | Enhancing Secure Communication in the Cloud through Blockchain Assisted-CP-DABE | 3.476 | 2169 -3536 | SCI, Q1 Journal |

KCG Faculty - Doctorate Completed Details

| Ph.D. Scholar & Supervisor | Thesis Title | Date of Viva- Voce | University |
|--|---|--|--------------------|
| Ms Premalatha G, Ph.D Part-Time scholar at KCG ECE Research Center, / Dr. V.Thulasi Bai, Prof/ECE | Mitigation of class Imbalance in Identification of abnormalites & prediction of coronary diseases using artificial Intelligence | 12 th September 2023 at 10.30 AM | Anna University |

KCG Faculty - Guideship Approvals

| Name of Faculty | Domain | Date of Approval Letter | University |
|---|------------------------------------|----------------------------------|---|
| Dr. Muthukannan N, Principal & Professor, Dept. of Civil Engineering | Transport, Concrete, Geopolymer | 19 th September, 2023 | Anna University under the Faculty of Civil Engineering |



CAMPUS FACILITIES



DST Supported FIST Lab



Car Simulator



Gymnasium



Aero Hangar



Link Flight Simulator



Bosch Certified Training Centre



NCC



Horse Riding



Inferno Racing