



KCG

COLLEGE OF TECHNOLOGY

Affiliated to Anna University

AUTONOMOUS



Vol. No.2 | Issue No. 6 | June 2023

Campus Diary 2023

EDITORS' NOTE

Dear Reader,

Year-end in academia is a period to celebrate the achievements, reflect on the past actions and prepare for the forthcoming year.

At KCG Tech, during June, we celebrated the momentous moment of our beloved Founder Chairperson receiving Lifetime Achievement Award, our Batch of 2023 securing job offers and our students winning prizes in various technical and non-technical competitions. Faculty development programmes helped faculty to upskill themselves and club activities enabled our students to keep up with the trends.

In short, the current issue presents our accomplishments and activities centered around development. Stay tuned.

Wish you all a Happy reading!

EDITORS:

Dr. R. Jaya

Associate Professor,
Department of English

Ms. Tephilla Joice P

Assistant Professor,
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Lifetime Achievement Award- Rotary Club of Chennai Capital



Our beloved Founder Chairperson **Dr. Mrs. Elizabeth Verghese** has been honoured with the Lifetime Achievement Award by the Rotary Club of Chennai Capital. The award was presented in recognition of our Founder Chairperson's passion, dedication & commitment towards the advancement of technical education & her immense contribution towards elevating the Hindustan Group of Institutions to the upper echelons of engineering institutes in the country.

NIRF Ranking 2023

The college is ranked in the band 11-50 among the top higher education institutions in India by **National Institute Ranking Framework for Innovation-2023**. It is an honour to be ranked amongst the top technical institutions in the country by the most distinguished educational ranking authority in the country instituted by the Ministry of Education, Government of India.



Best Private Engineering College – FICCI



The college has been awarded the Best Private Engineering College - Chennai at the Tamil Nadu Higher Education Summit & Awards (TANHESA) 2023 organised by the Federation of Indian Chambers of Commerce and Industry (FICCI) in association with The New Indian Express.

Dr. Annie Jacob, Director, KCG College of Technology received the award from **Thiru. ManoThangaraj**, Minister of Milk & Dairy Development of Tamilnadu in the presence of **Dr. R Velraj**, Vice Chancellor, Anna University. Twenty three of our student representatives attended the TANHESA Summit with **Mr. Ashok Verghese**, Pro Chancellor, HITS and **Dr. S P Thyagarajan**, Former Vice Chancellor, Madras University.

Best Partner Institute of the Year 2022-23 by IIT PALS

KCG Tech has been recognized as the Best Partner Institute of the Year 2022-23 by IIT PALS for the second consecutive year. It is an immense honour to receive this prestigious recognition from IIT PALS, an educational initiative by volunteers from the Alumni Fraternity of various IITs, for the benefit of students of engineering colleges.



YOUNG ACHIEVERS - RISING STAR

KCG College of Technology has been recognised with YOUNG ACHIEVERS - RISING STAR (Tamilnadu Level) by the Rotary Club of Chennai. Vayuradha Private Limited, our alumni startup, was awarded the Best Startup for their development of a cutting-edge drone for the agricultural industry.

Vishal & Jagadish of final year Mechatronics Engineering, **Karthikeyan & Suraj Narayanan** of final year Automobile Engineering represented Team Kryo Tech & was awarded the Best Project Award for its Machine Learning based project on cold storage.

Dr. Andal, Associate Professor, Department of S&H (Chemistry Division) & **Ramyra Krishnan**, 2nd year, Department of Aeronautical Engineering from KCG Tech were awarded the Best Patent for their work titled "Enhancement of Heat Transfer in Automobile Radiator using CUAL204 Nano Fluids".



Mistral Hackfest

Three teams from KCG College of Technology participated in the prestigious Mistral Hackfest conducted by Mistral Solutions. The team represented by **Shaik Altaf** of II EEE , **Nafisa Badru zaman** of II Aeronautical & **Mathlin Sarorai** of II CSE received the Special Jury Award with a cash prize of INR 10,000 for their project “Electricity Generation Using Footsteps– A Sustainable Solution”.



Best Technical Universities - The Week



Ranked amongst the Best Technical Universities by The Week in their Engineering Colleges Ranking 2023.

Times Engineering Institute Ranking Survey 2023



The College is ranked amongst the leading Engineering Institutes in the country by the prestigious Times Engineering Institute Ranking Survey 2023. We are honoured to be consistently ranked amongst the top technical institutions in the state & country by leading surveys & publications, which is a reflection of our mission to provide a world-class engineering education & empower our students to become successful technocrats.

The College is ranked 6th amongst the Top Private Engineering Colleges in Tamilnadu in Placements & 7th amongst the Best Private Engineering Institutions in Tamilnadu & Puducherry by the Times Engineering Universities & Institutes Ranking Survey 2023



Founder's Day

Founder's Day Celebration

On 20th June 2023, Hindustan Group of Institutions commemorated the 83rd Birth Anniversary of the Founder-Chairman, (Late) **Dr. K.C.G. Verghese** at Hindustan Institute of Science & Technology. The Members of Management & other dignitaries present offered their floral tribute to the Beloved Founder Chairman. Students of KCG Tech & other institutions paid their tribute through songs. KCG College of Technology in association with Y's Service Club of Chennai, Karapakkam and Y's Men Club of KCG College Youth distributed 950 food packets to children at orphanages & community homes in Perumbakkam, St. Thomas Mount, R.A.Puram & Santhome.



Dr. K. C. G. Verghese Excellence Awards 2023

The 4th edition of the Dr. K. C. G. Verghese Excellence Awards 2023 was held on 24th June 2023, Saturday at ITC Grand Chola, Chennai. The Excellence Awards was instituted in the loving memory of our Founder Chairman, Late **Dr. K.C.G. Verghese**, to honour & celebrate the achievements of eminent personalities across the globe. In this 4th edition, 32 reputed personalities were honoured for their accomplishments & outstanding service to the society.

The event was presided by Chairman HGI, **Dr. Anand Jacob Verghese** in presence of other dignitaries, **Dr. Elizabeth Verghese** (Founder Chairperson), **Mr. Ashok Verghese** (Vice President, HGI), **Dr. Susan Verghese** (Vice President, HGI), **Dr. Annie Jacob** (Director, KCG College of Technology) & **Dr. Aby Sam** (Executive Director, HGI).

Mr. N. Ram, a prominent Indian Journalist and Director of the Hindu Group Publishing Private Limited was the Chief Guest, **Mr. T. S. Tirumurti**, IFS (Retired)- Former Indian Ambassador United Nations & **Ms. Michaela Kuchler**, Consul General- Federal Republic of Germany, were the guests of honour.

The awards were bestowed in recognition of the achievements & exceptional accomplishments of the dignitaries in their respective fields, across 8 categories. This year, stalwarts across different fields were awarded in the categories of Life Time Achievement, Academic Excellence, Research Excellence, Corporate Excellence, Community Development, Youth Icon, Sports Excellence & Outstanding Alumni.

The K.C.G. Verghese Excellence Award is a small effort from our end to identify & award stalwarts for their past achievements & also inspire them to achieve more in the future.



Inaugural Meet of the Hindustan- America's Chapter

The Inaugural Meet of the Hindustan- America's Chapter was a grand success. **Dr. Anand Jacob Verghese**, Chairman, HGI presided over the event as the Chief Guest. **Mr. Enid Verghese**, Deputy Director, HGI as well as a number of dignitaries from the Hindustan Group of Institutions graced the event which was organized by **Mr. Jefferson V (2010)**, President, HAAC & other Office bearers. It was truly an evening to remember for alumni residing in the USA, Canada, Alaska & Mexico to come together, reminisce about their college years & re-unite with their friends & peers.



Educational Session

Five Day Faculty Empowerment Program on Integration of AI & IoT for Industry towards Atmanirbhar Bharat

The Five Day Faculty Empowerment Program on Integration of AI & IoT for Industry towards Atmanirbhar Bharat sponsored by the Science & Engineering Research Board (SERB) & organized by the Anna University Approved Nodal Research Center was conducted on KCG Tech campus from 19th to 23rd June 2023. The programme aimed at providing the faculty with an in-depth view of the transformative power of Industrial Revolution 4.0 technologies such as AI & IoT for improving the efficiency, diversity & productivity of the public and private sectors in India & develop our nation into an Atmanirbhar (self-reliant) technology giant. Through a series of knowledge sessions, interactive workshops & technical paper presentations, a panel of illustrious industry experts provided detailed insight into how these emerging technologies can facilitate the creation of "Smart Factories" through robust, research-based industry practices. Our esteemed Chief Guest for the program, **Dr. P. Kanagavel**, Director & Head, Skill Development & Training, National Institute of Wind Energy, Chennai gave a perceptive address on the importance of establishing responsible indigenous frameworks & ethical benchmarks to ensure a self-sustaining Bharat.



The 2nd International Conference on Integration for Advanced Technologies for Industry 4.0

The 2nd International Conference on Integration for Advanced Technologies for Industry 4.0 (ICIATI) organized by the Department of Research & Consultancy took place on campus on 23rd & 24th of June 2023. Our honoured guests **Mr. Gennadii A Rogalev**, Vice Consul & Director, Russian Centre of Science & Culture & **Mr. Ganapathi Ramachandran**, Chairman, Trigun Technologies inaugurated the event. Our esteemed Director, **Dr. Annie Jacob**, gave the felicitation address.

An illustrious panel of global industry experts gave the faculty & students a deeper insights into Industry 4.0, a strategic approach for integrating advanced control systems with internet technology, thereby enabling a greater level of communication & collaboration between people, products & complex systems. The panel discussed the ways in which Industry 4.0 uses smart technology and real-time data to increase productivity & reduce costs. They also explained how "Smart Factories" integrated machinery, storage systems & production lines with Smart technology to increase productivity, reduce costs and limit their need for human intervention.

Five workshops- Statistical Tools for Research by **Dr Berin Greeni**, Assistant Professor, VIT Chennai; Edge Computing for IoT on FPGAs by **CoreEL Technologies**; Transformation in Automotive Industry, **Dr A Ragothaman**, Divisional Manager, Ashok Leyland, ETAP by **Mr M Thanigaivel**, Protection Engineer, Elentech Engineering Service Ltd & 3D Printing by **Mr Aneesh Darel**, Founder & CEO InfiaCADesign- were conducted.

The Valedictory Ceremony for the 2nd International Conference on Integration of Advanced Technologies for Industry 4.0 (ICIATI) was held on 24th June 2023. The Chief Guest for the event, **Mr. Franco Bellillo**, Head of Strategic Sourcing, OLA Electric Technologies Limited, Bengaluru recognised the students with the Best Research Paper Presentation Awards and in his talk highlighted the transformative power of Industrial Revolution 4.0 Technologies in the rapid development of India as a powerhouse for automation.

The conference provided students & faculty with a comprehensive understanding of the cutting-edge technologies & challenges faced in the burgeoning field of Industry 4.0.



Placement Day 2023

Placement Day 2023 took place on 2nd June, 2023 to celebrate yet another successful year of placements, with several departments which include Automobile Engineering, Civil Engineering, Electronics & Electrical Engineering & Mechanical Engineering boasting a stellar 100% percent placement with top recruiters. **Mr. Madhusudhan R**, Senior Director, Microsoft Workplace Transformation, Infosys Technologies Ltd & Chief Guest for the occasion recognised the students who have got placed through on-campus and off-campus placement drives.



Y's Service Club of Karapakkam and YMC of KCG College Youth

Regional Awards 2022-2023

In the Y's Men International – South India Region, Regional Awards 2022- 2023 held at Hotel Vijaya Park on 18th June 2023 the members of Service Club of Karapakkam & YMC of KCG College Youth were recognised with various awards.

Dr. Jesudass Thomas, HoD- Mechanical, KCG Tech was awarded the Outstanding Club Treasurer Award and the student **Ms. Nithya Kalyani** with Second Best Y's Youth Award.

Under Best Community Project, Y's Service Club of Karapakkam won Ymt. Manjuladevi Kailasam Memorial Trophy award.



District Award 2022-2023

Ym. Dr. Karthikeyan, President of the club received Best President Award in the District Award 2022-2023 held at the Accord Metropolitan, T - Nagar on 2nd July 2023.





Mobile App Club

Students developed Apps like Counter App, Calculator App, Display Quotes App & Password Generator App



Robotics Club

Students learnt to assemble different robots and choose Arduino IDE programs suitable for their type of application of the robot.



Drone Club

KCG Drone Club conducted a workshop in which students learnt the principles of flight, delved into the mechanics of gliders & ultimately built their own soaring masterpieces.



Space Exploration Club

The Space Exploration Club organized a hands-on training session on Ride to Station Tool by NASA.

Math Club

Workshop on “Applications of Mathematics in Engineering Fields” was conducted. **Dr. A. Felix**, Assistant Professor (Senior), VIT, Chennai was the resource person.



AR Club

The students were taught on Advancement to Augmentation, UNITY Engine Installation & Task for Building app. **Mr. Hariharan**, and **Mr. Sabeesh**, Space Zee were the resource persons



Programming Club

A hands-on session on Tkinter Library in Python-UI Designs was conducted.



Dance Club



Mr. B. Gopinath, Hip-Hop Choreographer, introduced the dance form "Locking". The students had a fruitful learning experience of how to stop moving quickly and "lock" in a specific position.

Heritage Club



The Students of Heritage Club visited Group of Monuments, Pancha Rathas, Krishna's Butter Ball, Seashore Temple at Mahabalipuram one of the UNESCO Heritage Sites.

Eco Club



A discussion on "Challenges faced in implementing the sustainable goals in the modern world" with **Ms. Arunamaheswari**, Assistant Prof. Chemistry as moderator.

Music Club



The session on Music Production was led by **Mr. Jerry Thomas**, a singer, pianist and a choir conductor.

English Literary Club

As a part of Pride Month Celebration, a debate was organised on two topics- Should India be a LGBTQ+ accepting country? and Is it necessary to include LGBTQ+ history and education in school curricula? **Mx. Sivakumar, Dr Naveen Raj & Mx. Delfina Kanchana Sundar** from Nirangal were the chief guests. The session focussed on sensitizing students towards LGBTQ+ inclusive society.



Film Appreciation Club

Mr. Karthik Guru, renowned writer, film director, lyricist & alumnus of KCG Tech provided a comprehensive overview of film-making, covering various aspects such as script writing, pre-production, production & post-production.



Fine Arts Club

Mr. Karthik of I CSE conducted a training session on "Basic Techniques of Paper Craft".



Quiz Club

Quiz session, QUEEN QUIZIEE, comprising 6 rounds was conducted by **M. Revathy-I Yr. IT, V. Sivaranjini – I Yr CSE & S. Gnana Dency – I Yr CSE**.



Research Summary June 2023

Publication in SCI Indexed Journals

Authors	Journal Name	Article Title	Impact Factor	ISSN	Indexing
Dr. M. Muthukannan, Vice Principal	Materials Research Express	Effect of chemical treatment on physico-chemical properties of a novel extracted cellulosic cryptostegia grandiflora fiber	2.025	2053-1591	SCI, Anna University Annexure 1, Q2, Journal, WoS, Scopus.

11 papers got published and indexed in Scopus during June 2023

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Congratulations
on Ph.D. Completion!

Dr Susan Chacko
Assistant Professor
Department of S&H

www.kcgcollege.ac.in

Environmental education for healthy Earth

Students from a young age must be taught the right mix of theoretical and practical approaches to become climate change volunteers, writes P Deiva Sundari

In a India, environmental education is part of the formal as well as non-formal school and higher education curricula from as early as 1988. Environmental Education (EE) is more than just a compilation of information about the environment. Successfully imparting EE is in the hands of teachers who can help students transform their knowledge, skills, behaviour, and attitude to protect the environment. Successfully imparting EE is in the hands of teachers who can help students transform their knowledge, skills, behaviour, and attitude to protect the environment. Successfully imparting EE is in the hands of teachers who can help students transform their knowledge, skills, behaviour, and attitude to protect the environment.

Understanding EE
The pedagogy of EE poses an important role in achieving the ultimate goal of developing environmentally literate citizens. Universities need to embed sustainability into the organisational culture, policy and structure. Students learn to be environmentally and socially responsible and involved to explore the local community and their problems and realize sustainable projects at school-college projects.

Environmentally literate citizens
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(The author is principal, VECU College of Technology Chennai)

EDUCATION

A college book bank that serves two groups

Students of the Higher Education Department, it's providing a loan to thousands of students

A college book bank that serves two groups of students, the Higher Education Department (HED) has set up a loan scheme for students of the Higher Education Department. The scheme is aimed at providing a loan to thousands of students who are unable to purchase books for their studies. The loan is provided for a period of one year and is renewable. The interest rate is 10 per cent per annum. The loan is provided for a period of one year and is renewable. The interest rate is 10 per cent per annum.



Getting up for the new academic year



Dr. V. Srinivasan receiving the award for the best teacher in the state

THE BENCH

Chennai



DR K.C.G. VERGHESE EXCELLENCE AWARDS 2023

The Hindustan Group of Institutions (HGI) has organized the DR K.C.G. Verghese Excellence Awards 2023. The awards are presented to students who have achieved excellence in their academic and co-curricular activities. The awards are presented to students who have achieved excellence in their academic and co-curricular activities. The awards are presented to students who have achieved excellence in their academic and co-curricular activities.



Awards ceremony at Hindustan Group of Institutions

MATHRUBHUMI

ഡോ. കെ.സി.ജി. വർഗീസ്

പുരസ്കാരങ്ങൾ സമ്മാനിച്ചു



Dr. K.S.J. Varma receiving the award for the best teacher in the state

Dr. K.S.J. Varma has been awarded the award for the best teacher in the state. He has been recognized for his exceptional teaching and dedication to his students. He has been recognized for his exceptional teaching and dedication to his students. He has been recognized for his exceptional teaching and dedication to his students.

Southern Mail

City

02 THURSDAY 29-06-2023

Pravara Prabhu sees the best development of his first and child
Pravara Prabhu has seen the best development of his first and child. He has seen the best development of his first and child. He has seen the best development of his first and child.

Bank of India Bank Customer Care New the Right Credit Card as UPI
Bank of India Bank Customer Care has introduced a new credit card as UPI. The card is designed to provide a seamless experience for customers. The card is designed to provide a seamless experience for customers.

Chennai's first Capital City
Chennai's first Capital City is set to be developed. The city is set to be developed. The city is set to be developed.

International Experience on DIFFICULTY OF APPOINTING TEACHERS FOR PRIVATE COE
The International Experience on the difficulty of appointing teachers for private COE is being discussed. The difficulty of appointing teachers for private COE is being discussed.

India's best-selling TV - the Smart TV
India's best-selling TV is the Smart TV. The Smart TV is the best-selling TV in India. The Smart TV is the best-selling TV in India.

South Regional Thursday Paving I to DEMC
South Regional Thursday Paving I to DEMC is being discussed. The paving of the road is being discussed.

USF Student Holdings Ltd. Announces Special Dividend in Maldives
USF Student Holdings Ltd. has announced a special dividend in Maldives. The dividend is being announced in Maldives.

International Experience on DIFFICULTY OF APPOINTING TEACHERS FOR PRIVATE COE
The International Experience on the difficulty of appointing teachers for private COE is being discussed. The difficulty of appointing teachers for private COE is being discussed.

Malayala Manorama CHENNAI 26/06/2023. A newspaper page featuring news articles and a large photograph of an award ceremony.

Malayala Manorama

CHENNAI 26/06/2023



Awards ceremony at Hindustan Group of Institutions

കെ.സി.ജി.വർഗീസ് എക്സലൻസ് പുരസ്കാര വിതരണം
Dr. K.S.J. Varma has been awarded the Excellence Award. He has been recognized for his exceptional teaching and dedication to his students. He has been recognized for his exceptional teaching and dedication to his students.

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CAMPUS FACILITIES



DST Supported FIST Lab



Car Simulator



Gymnasium



Aero Hangar



Link Flight Simulator



Bosch Certified Training Centre



NCC



Horse Riding



Inferno Racing