



KCG

COLLEGE OF TECHNOLOGY
AFFILIATED TO ANNA UNIVERSITY | AUTONOMOUS



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EDITORS' NOTE

Dear Reader,

The month of March this year was filled with achievements, activities and celebration. The current issue captures our achievements including magazine rankings, winning moments in technical & cultural competitions, sports and NCC. Most of our activities beyond curriculum covered in this issue are centred around creating a better future. The second edition of TEDxKCG on Reimagining the future: Creating a Better Tomorrow and the Seminars themed on United Nations Sustainable Development Goals (UNSDG) deserve a special mention.

Wish you all a happy reading..

EDITORS:

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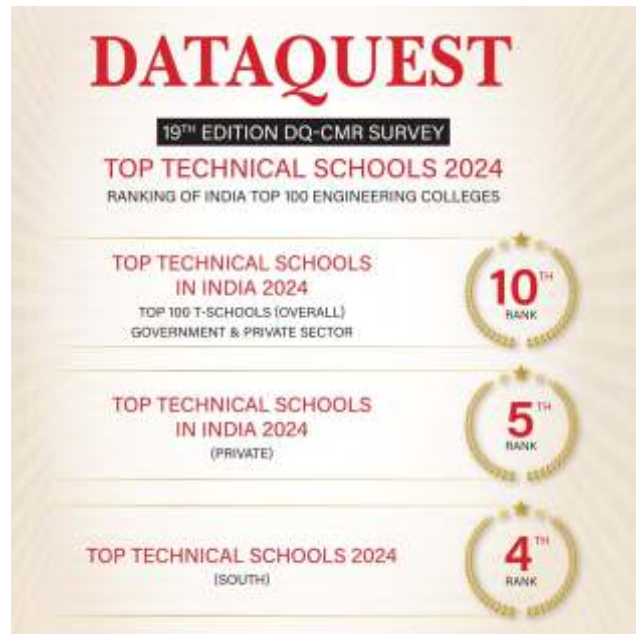
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DataQuest- CMR Survey 2024

College has been ranked amongst the Top 10 Technical Schools in India in the 19th Edition of the DataQuest- CMR Survey 2024!.



People's Choice Award - La Trobe 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. 67 teams from 18 countries participated in finals. Team Warlocks was presented with the award by Guest Speaker Professor Theo Farrell, Vice-Chancellor, La Trobe University.



Team Members

Ms Fahima Niaz | Mr Aadil Mohideen S | Mr Joshuva Bernard | Mr Danial Dhinesh G
Department of Electronics and Communication Engineering



Women's Hackathon' 24



Team Jnana of the college has won 3rd Runner Up with cash prize of Rs.30,000 at the WOMEN'S HACKATHON' 24 conducted by TANCAM and Dassault Systems.

Cyber Hackathon 2024

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 Desperado was among the 20 teams short-listed for the finals out of a total of 263 teams who applied for the Hackathon across Tamil Nadu. Competitors received problem statements based on the trending cyber challenges faced in 2024, including Deep Fake Detection – Safeguarding Reality in the Age of AI, Training Simulation – Virtual Sleuth, and Social Media Blocking – Bot Blocking.



CMR HACKFEST 1.0

Team Stimutech has won the Overall 1st Place with a cash prize of Rs.50,000 at the CMR HACKFEST 1.0 (36 Hours), A National Level Hackathon held on 1st & 2nd of March 2024 at CMR College of Engineering & Technology, Hyderabad.

Team Stimutech clinched this prestigious win after battling it out with 800 other teams from across India who registered for the event.



Womens Hackathon '24 - TANCAM

Team Trinity of the college has emerged as the 1st Runner Up with a cash prize of INR 50,000 at the Womens Hackathon '24 conducted by TANCAM and Dassault Systems. Their project titled Advancing Drone Delivery Systems was awarded 2nd place amongst 300 other teams who participated.

TEAM TRINITY has emerged as the **1st Runner Up** with a cash prize of **INR 50,000** at **WOMENS HACKATHON' 24** conducted by TANCAM and Dassault Systems

Project: Advancing Drone Delivery Systems

The image shows three women standing on a stage, holding a large white certificate. The certificate reads "DESIGN HACKATHON '24 FOR WOMEN ENGINEERS - SECOND PRIZE INR FIFTY THOUSAND ONLY RS.50,000." and features logos for Indian Government Bank, Dassault Systems, and Mahendra Engineering College. A drone is shown flying in the background.

Team Members:

- Ramyia Krishnan V**
III Yr, Aerospace Engineering
- Adline Benishiya Paul**
III Yr, Aerospace Engineering
- Nafisa B**
III Yr, Aerospace Engineering

GATE Exam 2024

Six students from the Department of Aeronautical & Aerospace Engineering have qualified the GATE 2024 examinations.



Barani L



Keshav Kumar A B



Shreyankraj L Bafna



Vindiya S R



Hariharan R



Roshan Raagavendar Y

District-level Folk Dance Competition

Ramanan SV, 3rd year student from the CSE Department and a member of the KCG Dance Club, won the first prize with cash prize of Rs. 6000 in the Chennai District-level Folk dance competition with his captivating Karagattam performance. Organized by the Department of Art and Culture, Tamil Nadu, the event took place on 9th March 2024. The prize presentation, presided over by **Tmt. Rashmi Siddharth Zagade** IAS, the Chennai Collector, was held at the Collector's office on 11th March 2024.



National Level Competition on Creative Writing

Ishrath Ayesha. A of 2nd year Information Technology has bagged the 1st prize in Creative Writing, a National-Level Competition held at National Institute of Fashion Technology (NIFT). She was awarded a Rs.5000 cash prize.



KCG NCC Company

Overall Trophy – CADO Guru 2024 Fest

The KCG NCC Company continues its legacy of excellence by winning the Overall Trophy and Overall Banner at the CADO Guru 2024 Fest conducted by Chennai A Group, 1 TN Battery NCC, Gurunanak College.



Third Overall Trophy - CADO BHIM



Cadets of NCC set a benchmark by winning the third overall trophy and the overall banner in CADO BHIM conducted by Dr. Ambedkar Government Arts and Science College.

4th Overall Trophy - CADO FEST

KCG NCC Company achieved the Overall Runner-Up Trophy at the 42nd CADO FEST, hosted by Chennai A, 1 TN Battalion NCC unit at Dwaraka Doss Goverdhan Doss Vaishnav College.

This marks the 4th Overall Trophy secured by KCG Tech in NCC competitions and fests organized by TN, P, and AN DIRECTORATE, Chennai A group NCC.



Wonder Woman Award 2024

Ms G. Jayanthi, Assistant Professor, Department of Science & Humanities has been awarded the Wonder Woman Award 2024 by the Parivu Charitable Trust in the field of education for her contribution on account of the International women's day.



Memorandum of Understanding

KCG College of Technology has signed a Memorandum of Understanding (MoU) with RDC Concrete, one of the largest and foremost manufacturers of ready-mix concrete, on 14th March 2024. This collaboration heralds a significant milestone in our commitment to fostering enhanced opportunities for our students within the realm of core companies, while also facilitating invaluable training opportunities through internships throughout their four-year course duration.



Department of Aeronautical and Aerospace Engineering

Seminar on Space Communication – Practical Perspectives

A Seminar on Space Communication – Practical Perspectives was conducted on 4th March 2024. **Mr B A Subramani**, Former Space Environmental Simulation Engineer, U R Rao Satellite Centre, ISRO, Bangalore was the resource person. The speaker provided a detailed explanation of RTDs software, which enables the tracking of satellite images from open sources using minimal resources available at home.



Hands on Workshop on RC Plane and Drone Piloting

The RC Plane Hands-On Workshop, held on 16th March 2024 provided participants with practical experience in assembling and piloting remote-controlled (RC) aircraft. Attendees learned about RC plane components, aerodynamics and control systems before engaging in hands-on assembly sessions. The workshop also included practical flying sessions, where participants demonstrated take offs, landings, and aerial maneuvers, showcasing their improved piloting skills. Despite challenges, the workshop effectively combined theoretical knowledge with hands-on experience, fostering a deeper understanding and interest in RC aviation among participants.



Department of Artificial Intelligence and Data Science

Seminar on Trending IT Skills for High Pay Employability

In association with Industry Partnership, Placement Cell, the Department organised the Seminar on Trending IT Skills for High Pay Employability on 8th March 2024. **Mr. Harishankher A S**, Talent Lead & Head Placements, GUVI GEEK Network Pvt. Ltd. was the resource person. The session covered the latest IT and industry technology upgrades, introducing Blender's UI and basic tools, followed by hands-on projects. It also delved into recent IT trends and offered insights into image classification using Tensor Flow. Participants benefited from practical activities like interfacing cameras with RPI, showcasing algorithmic concepts, and gaining access to free programming resources and placement opportunities, fostering a rich learning experience.



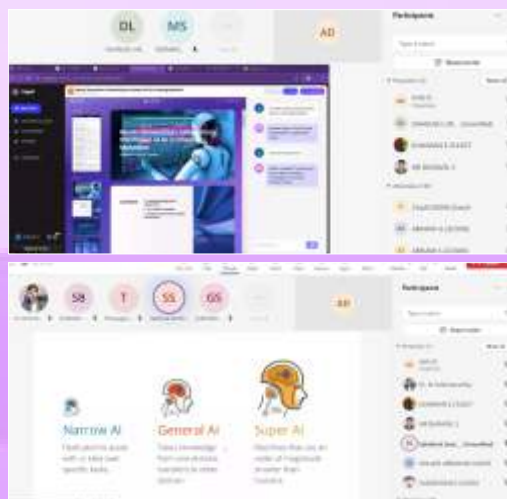
Seminar on How to Crack HR Interviews in Premium IT Jobs

In association with Industry Partnership & Placement Cell, the Department organised the Seminar on How to Crack HR Interviews in Premium IT Jobs on 22nd March 2024. **Ms Eswari Velayutham**, Director – Human Resource, Tringapps, Inc was the resource person.



Three Day Online Workshop on Mastering AI Tools: A Deep Dive into ChatGPT & Beyond

The Three Day Online Workshop on Mastering AI Tools was conducted from 29th to 31st March 2024. The Resource Person **Mr. S Sakthivel**, Machine Learning Engineer at Nunnari Labs Pvt Ltd, covered topics including the introduction to AI & ChatGPT, ChatGPT for Content Creation & Writing, and AI integration in Microsoft Word, Excel & Powerpoint.



Department of Automobile Engineering

VAP on Vehicle Air Conditioner System



AUTO Value Added Program on Vehicle Air Conditioner System was conducted on 9th March 2024. **Dr Dillibabu**, AP(SG), Department of Automobile Engineering, KCG College of Technology was the resource person.

Industrial Visit

Students from 2nd & 3rd year of Automobile Engineering visited Axles India Limited, Sriperumbudur on 22nd March 2024. They visited the plant and learnt about the physical functioning of the factory.



Department of Civil Engineering

Workshop on Building the Future: Empowering Students with Tekla Software Awareness

Workshop on Building the Future: Empowering Students with Tekla Software Awareness was organised on 16th March 2024.



International Guest Lecture on Graduate Engineer Vs Professional Engineer - A Perspective

Department organised an International Guest Lecture on Graduate Engineer Vs Professional Engineer – A Perspective on 20th March 2024. **Professor Ir. Dr. U. Johnson Alengaram**, Professor at the University of Malaya, Kuala Lumpur, Malaysia, and the Director of the Centre for Innovative Construction Technology (CICT) was the resource person. Professor Alengaram shared insights from his life journey, connecting with the audience on a personal level. He then delved into the Geopolymer Concrete House project, showcasing its potential to revolutionize construction. Attendees were engaged throughout, with Professor Alengaram's expertise and real-world examples making complex topics accessible. The session highlighted the importance of experience and continuous learning in bridging academic and industry practices in construction.



Interaction with Industry Expert

Interaction with Industry expert organised on 23rd March 2024. **Mrs. Balasaraswathi Illango**, Head – EDRC Factories Design, Larsen & Toubro Construction, Chennai was the resource person.



Workshop on Revit Architecture

Workshop on Revit Architecture was organised on 25th & 26th March 2024. **Mr J Philip**, Assistant Professor, Dept. of Civil Engineering was the resource person



Department of Computer Science & Engineering

Seminar on Next Gen CRM: Microsoft Dynamics



Seminar on Next Gen CRM: Microsoft Dynamics was organised on 7th March 2024.

Mr Aldous Huxley, Team Lead, LTIMindtree, Chennai was the resource person. The importance of CRM and their role in business & corporate sectors were discussed during the seminar.

Code Crush

In association with GeeksforGeeks, the Department organised Code Crush on 9th March 2024.



Mock Interview by Alumni

In association with Office of Alumni Affairs, the Department organised a Mock Interview by Alumni for Final and Pre-Final Year students on 23rd March 2024. Alumni who are working in leading companies conducted interviews with the students and offered suggestions for their improvement.



Seminar on Open Data Base – Mongo DB

Seminar on Open Data Base – Mongo DB was organised on 28th March 2024. **Mr K Selvakumar**, Technology Architect, Infosys, Mahindra City, Chennai was the resource person.



Workshop on Building DAPPS on Blockchain

Workshop on Building DAPPS on Blockchain was organised on 28th March 2024. **Mr Chaal Pritam**, Founder, Web3Chennai & Jezero Labs was the resource person.



Department of Electrical and Electronics Engineering

Expert Talk on Powering Connectivity

Expert Talk on Powering Connectivity: Electrical Innovations in Telecom Sector was organised on 7th March 2024. **Mr. K. Ramesh**, Deputy General Manager (CRM – DM), TN Circle, Bharat Sanchar Nigam Limited, BSNL, Chennai was the resource person. It covered topics ranging from types of communication and historical evolution to practical insights on cables, logical functions in optical networks, power consumption, and job/internship prospects in BSNL for students and faculty.



Expert Talk on Grid Interconnection of Power Park Module

Expert Talk on Grid Interconnection of Power Park Module was organised on 22nd March 2024. **Mr K Ramesh Kumar**, Asst. Lead Grid Interconnection Engineer, Global Power Plant Solutions, Vestas Technology R&D Chennai Pvt. Ltd., was the resource person.



Workshop on Relay Testing Essentials

Workshop on Relay Testing Essentials: MiCOM & OMICRON in Action was organised on 23rd March 2024. Industry Experts from INEL Power conducted the workshop.



VAP on Applied Power System Protection for Electrical Engineers

Value Added Program on Applied Power System Protection for Electrical Engineers APSP – Level 1 was organised from 26th to 28th March 2024. Industry Expert from INEL Power handled the session.



Department of Electronics & Communication Engineering

Hands-on Workshop for Circuit Building & Programming

Hands on workshop on Circuit building & Programming - Exploring the world of Microcontrollers was conducted by the core team of EFY KCG Tech center on 9th March 2024. The workshop equipped students with the knowledge and skills necessary to effectively utilize Arduino software for their project work.



Workshop on MATLAB & SIMULINK- Solution for 5G & Beyond

Workshop on MATLAB & SIMULINK- Solution for 5G and Beyond was organised on 9th March 2024. **Dr.Vivek Ashokan** Regional Manager, ARK (Mathworks) was the resource person. Participants were provided with a valuable opportunity to enhance their MATLAB skills and explore its diverse applications in Machine Learning, 5G Wireless Communication, and Satellite Communication. The hands-on exercises in the workshop ensured that participants gained practical experience in using MATLAB.



Seminar on Robot Framework in Automotive Testing

In association with Office of Alumni Affairs, the Department organised a seminar on Robot Framework in Automotive Testing on 23rd March 2024. **Mr Jacob Paul**, Embedded Software Engineer, Zilogic Systems, ECE Alumnus of Class 2020 was the resource person.



Department of Information Technology

Seminar on Cyber Security as a Career Opportunity

Seminar on Cyber Security as a Career Opportunity was organised on 9th March 2024. The resource person, **Mr. P. Chandrasekar**, Global Delivery Head of Cybersecurity at TCS Chennai, shared the importance of cybersecurity and discussed the job opportunities in this field, emphasizing the opportunities for cyber advancement. He provided insights into the proliferation of cyber threats, including data breaches, ransomware attacks, and identity theft, noting that organizations across various industries are actively seeking experts to safeguard their digital assets. This seminar focused on SDG 9, aiming to build resilient infrastructure, promote inclusive and sustainable industrialization, and foster innovation, which are crucial for economic growth, job creation and sustainable development.



Seminar on Cyber Security Essentials for students: Explore, Learn and Build your Future

Seminar on Cyber Security Essentials for students: Explore, Learn and build your future was organised on 19th March 2024. **Mr Palanivel Manoharan**, Senior Cybersecurity Architect, Humana Inc, USA was the resource person.



Seminar on UI / UX Design

Seminar on UI / UX Design was organised on 21st March 2024. **Ms Sandhiya**, Technical Head and Founder, Busy Brain Academy, Chennai was the resource person.



Seminar on Cyber Security as a Career Opportunity

Seminar on Cyber Security as a career opportunity was organised on 26th March 2024. **Dr Arunkumar**, Senior Lecturer, Digital Forensics & Cyber Security, University of South Wales, Treforest, UK was the resource person. He discussed the opportunities for cyber advancement and provided additional insights on the proliferation of cyber threats, such as data breaches, ransomware attacks, and identity theft. This seminar focused on SDG 9, aiming to build resilient infrastructure, promote inclusive and sustainable industrialization, and foster innovation. These efforts are crucial for fostering economic growth, creating jobs, and ensuring sustainable development.



Industrial Visit

Third year students of the department visited GUVI Geek Network Private Ltd., Chennai, Indian Institute of Technology Research Center – Phase 2 on 1st March 2024.



Department of Manufacturing Engineering

ASHRAE_KCG Student Chapter Inauguration

Inauguration of the new student chapter of the "American Society of Heating Refrigerating and Air-conditioning Engineers" (ASHRAE) was held on 12th March 2024. The chapter's primary objective is to familiarize students and faculty with advancements in Refrigeration, High-Performance Buildings, Net Zero Energy Buildings, Energy-efficient HVAC design, and related areas. The event featured distinguished speakers including **Mr. Balaji Ramalingam**, President of ASHRAE Student Chennai Chapter and Director of S-AC Solutions Chennai Private Limited; **Mr. Devadoss Edwin**, Founder and Director of G-Dew Air Consultants; **Mr. M. Anandan**, Director of Vertiv Energy Pvt Ltd; and **Mr. Nellai Rajan**, Coordinator of ASHRAE Chennai Chapter India, alongside faculty members and students from the Mechanical, Mechatronics, and Automobile Departments. **Mr. Devadoss Edwin** delivered a lecture on "Decarbonization & Sustainability towards HVAC Industry," while **Mr. M. Anandan** spoke on "Venturing into the World of HVAC: Exciting Career Opportunities," highlighting the entrepreneurial aspect and the potential for a rewarding career path by starting one's own HVAC business. **Dr Jesudoss** and ASHRAE members elected various individuals to positions within the chapter.



Department of Mechatronics Engineering

Webinar on Role of Computational Mechanics in the Development of Mechatronics Systems

Webinar on Role of Computational Mechanics in the Development of Mechatronics Systems was conducted on 9th March 2024. **Dr V Dhinakaran**, Head of Research & Development, GESCO Healthcare Pvt. Ltd., was the resource person.



5 Day STTP Program on Robotics Operating System (ROS)

A 5-day STTP program on Robotics Operating System (ROS) was organized from 19th to 23rd March 2024. The resource persons for the program were **Ms. N. Seenu**, Assistant Professor (SG) from the Department of Mechatronics Engineering at Hindustan Institute of Technology & Science in Padur, Chennai; **Mr. Kishore Abhishek**, Technical Director at ZRAE Global in Anna Nagar, Chennai; **Dr. S. Janaki Raman**, Assistant Professor (SG) from the Department of Mechatronics Engineering at Hindustan Institute of Technology & Science in Padur, Chennai; and **Dr. Vivek Ashokan**, Regional Manager at MATLAB, ARK Infosolutions Pvt. Ltd., Chennai.



School of Fashion Technology

Training Program on Crafting an Industry-Ready Fashion Portfolio

The 'Crafting an Industry-Ready Fashion Portfolio' training program was organized on 6th April 2024. **Mr. Karthik**, Head Designer at Blaze Clothing India Pvt Ltd, was the resource person. The program equipped emerging fashion professionals with skills for a compelling portfolio, covering strategic insights, creativity infusion, technical aspects like garment construction and illustration, visual presentation using industry software, personal branding, and networking. Feedback sessions refined portfolios, aligning participants with industry trends and expectations for successful fashion careers.



Webinar on Fusion of Fashion with Aviation

The webinar on the 'Fusion of Fashion with Aviation' was organized on 7th March 2024. **Ms. Baddam Swetha Reddy**, Founder and Creative Head of Nakshatra Aviation Alliance Fashion, was the resource person. She shared insights on the evolving relationship between fashion and aviation and highlighted how innovative designs shape aviation fashion, emphasizing the role of fashion in airline branding through unique uniforms. The session emphasized collaboration between fashion and aviation professionals to create stylish, functional, and brand-aligned aviation attire, promoting innovation and best practices in the industry.



Centre for Transformational Leadership

Workshop on Building an Innovative Culture with Design Thinking

Workshop on "Building an Innovative Culture with Design Thinking" led by Chief Guest **Mr. George Koshi**, Director, Learning & Development, Sify Technologies Ltd. was organised on 9th March 2024. The workshop aimed to explore the principles of design thinking and their application in fostering innovation within organizations.

Mr. Koshi elaborated on the four essential elements of Design Thinking, commonly known as the Four C's: Coordination, Communication, Critical thinking and Creativity.

Participants began the day with a unique activity of composing a song with their respective teams, fostering collaboration and creativity from the outset. This was followed by an interactive session where participants engaged in building towers using spaghetti sticks. This hands-on activity served as a practical demonstration of how design thinking facilitates effective planning and problem-solving. The session provided a keen insight into the significance of design thinking in problem-solving and innovation, stressing its human-centered approach to addressing challenges.



Workshop on Essentials of Communication in Leadership

Centre of Transformational Leadership in association with Office of Alumni Affairs organised a workshop on Essentials of Communication in Leadership by KCG alumina **Ms. Renugha Devi R** for the first year members of CTL on 22nd March 2024. During the session, students formed groups and rated their state of mind and energy on an XY plane, emphasizing emotional acknowledgment. The speaker highlighted the importance of using precise vocabulary to express thoughts and led activities like creating mind maps and drafting self-critiqued and appreciative sentences. Students also learned about the functions of the right and left brain in relation to emotional maturity. The workshop aimed to enhance students' communication skills regarding emotions and thoughts, ending with reflections on key takeaways.



Internal Quality Assurance Cell Webinar on Assessments

Webinar on Assessments was organised on 12th March 2024. **Dr Kalpana Vijayarathan R**, Associate Professor, The University of the Faroe Islands was the resource person.



International Affairs Workshop on SOP Writing

In association with International Education Specialist, a workshop on SOP Writing was organised on 9th March 2024.



Events

National Science Day

Department of Science & Humanities organized week-long celebrations to commemorate National Science Day, the day on which Sir C.V. Raman discovered the Raman Effect. Competition such as Elocution, Quiz, and Poster Making under the theme Indigenous Technologies for a Healthier Environment were conducted for first-year students from the 28th February to 1st March 2024.

A seminar on the topic “Indigenous Technologies for Healthier Environment” was organised on 5th March 2024 led by senior Resource Person **Dr. A.Arockiarajan**, Professor, IIT Madras which was attended by 250 students.

Dr. A.Arockiarajan highlighted the value of the fundamental sciences for sustainable living and emphasized the importance of internships and fellowships to pursue a career in scientific research. This was followed by a lively interaction with students where he shared his views on various topics such as Artificial Intelligence, Machine Learning and Tissue Engineering.



International Women's Day Celebration

The vibrant Women's Day Celebrations on 8th March 2024 at KCG Tech were brimming with empowerment, inspiration and camaraderie! Staff and students joined forces to pay tribute to the remarkable women in our midst. From engaging conversations to captivating performances, we commemorated the achievements and strength of women worldwide. Kalaimamani **Mrs. Bharathi Thirumagan**, renowned Villu Paaattu Artist graced the occasion as the chief guest.



Women Codeathon 6.0

The KCG Women's Coding Club organized Women Codeathon 6.0 for girl students on 9th March 2024. A total of 17 teams comprising 45 girl students from various departments participated in the event, where they were asked to solve different problem statements across a range of domains. Students were then asked to present a working application of their idea. The Chief Guests and Panel Members **Ms. Sri Kiruthika & Mr. Pradeep Kumar** from Inspirisys Solutions Ltd. evaluated the teams on their creativity, novelty and presentation of ideas.



TEDxKCG

KCG College of Technology hosted TEDxKCG on 16th March 2024, focusing on the theme "Reimagining the Future: Crafting creating a Better Tomorrow." The event aimed to spark fresh perspectives across various domains, including technical, socio-economic, physical, and mental spheres. Distinguished speakers graced the occasion, including



Ms. Sharmila Jain Oswal, Director of CoE Smart Agriculture & Millet Pahale India Foundation, delivered a talk on "Millets: Superfood Transforming to a Healthy Lifestyle," emphasizing the role of millets in fostering a healthier way of life.

Mr. Ra. Ma. Palaniappan, Senior Engineering Program Manager at Paypal India, who shared insights on "Unlock Your Financial Freedom," elucidating effective financial management strategies.



Mr. Matisharma G, Co-Founder & CTO of Vayuratha Private Ltd, discussed the significance of technology in agriculture through "Drones: The Farmer's Uber."



Ms. Anahita Ravindran, Indian Classical Musician and Digital Content Creator, emphasized the importance of classical arts in preserving cultural identity and understanding history.



Ms. Carolyn Jawahar, Senior Manager at Standard Chartered Bank, presented on "Cinderella, Glass Slippers, and If the Shoe Doesn't Fit, Don't Wear It," advocating for diversity, equity, inclusion, and belonging (DEIB).

Dr. Preethi Ramadoss, Founder & Director of Manithe Health Care Pvt Ltd., addressed "The Environmental Impacts of the Modern World," advocating for eco-friendly practices.



Mr. Kovendhan. S IFS, Director at the Government of India & Regional Passport Officer in Chennai, shared insights on "Envisioning Tomorrow: Insights on Shaping the Future," guiding towards building a successful future.



Dr. Radhika Vairavelavan, Bharathnatyam Dancer and Founder Director of ChathurLakshana Academy of Fine Arts, delved into "Why Dance? Experience to Expression," highlighting dance's profound impact on self-expression.



Mr. Mazin Mohamed Iqbal, a student at KCG College of Technology, discussed "Colouring Outside the Box - How Creative Pursuits Propel Creative Thinking," emphasizing the enhancement of critical analysis through creative activities.

Mr. Mekin Maheshwari, Founder & CEO of Udhayam Learning Foundation, emphasized "Innovation in Education for an Entrepreneurial India," stressing the role of creativity in education.



Events



Mr. Nithish Sairam, CEO of Illumine Group of Industries, and **Mr. Viswanathan Sridhar**, Architect & Urban Development Practitioner, discussed "The Art of Execution and The Science of Sailing," proposing alternative solutions for environmental challenges.

Dr. Rohini Rau, Founder of Dr. Rohini Rau Essential Wellness, spoke on "The Future of Wellness - Reimagining Health," sharing personal experiences to underscore the importance of health.



Mr. Bosskey, a Cricketer, Stand-up Comedian, and Motivator, entertained the audience while inspiring them with "Humour as an Instrument for Positivity," encouraging the pursuit of goals with enthusiasm.



Mr. Vish Sahasranamam, Co-Founder & CEO of Forge Innovation & Ventures, shed light on future technologies delivering on "Manufacturing is the Future for Manufacturing the Future."



Mr. N. Dhanush, Founder & Chief Vision Officer at Interain Intelligence Pvt Ltd, encouraged entrepreneurial endeavors and empowerment among students.

Dr. Vivek Benegal, Professor of Psychiatry & Officer Incharge at NIMHANS, focused on "Future-Proofing Our Children's Brains," underlining the pivotal role of brain development in career choices.



Dr. Anand Jacob Verghese, Chairman, HGI, and **Dr. Annie Jacob**, Director, KCG College of Technology, honored the speakers with mementos.

The Young Technocrats 2024

SDG Goals Innovation Competition was held on 23rd March 2024, dedicated to advancing Sustainable Development Goals (SDGs) provided an exciting insight into a sustainable future fueled by pathbreaking technologies.

The illustrious jury panel evaluated students' projects based on criteria such as innovation, impact on SDGs, feasibility, and scalability, while also sharing their expertise and perspectives. After thorough evaluation, the jury selected the winning teams for their outstanding contributions towards addressing sustainability challenges and promoting SDGs through innovative solutions.

Our esteemed Chief Guest for the event Mr. Chandran Krishnan, Managing Director & CEO, Campus Angels Network and our Guest of Honour Mr. Nithish Sairam, noted alumnus of KCG Tech and CEO, Illumine-I addressed the participants and emphasized the need to use technology for the advancement of SDGs.

The winning teams will receive mentorship by KCG's IPR Cell for patent processing, and support from the KCG Incubation Center for prototype to product development.



Publication in SCI Indexed Journals - March 2024

Authors	Journal Name	Article Title	Impact Factor	ISSN	Indexing
S.Venkatramanan , Asst. Prof., Dept of Aeronautical Engg.,	Journal of Applied Fluid Mechanics, Isfahan Univ Technology	Enhancement of Jet Mixing using Stepped Tandem Tabs	1.408	1735 -3572	SCI, Anna University Annexure I, Q3 Journal
Dr M. Arulprakasajothi , Prof., Dept. of Mechanical Engg.,	Thermal Science and Engineering Progress, Elsevier.	Augmentation of heat storage capacity of compact salinity gradient solar pond using dragon fruit extract coated magnesium powder and paraffin wax	4.8	2451 -9049	SCI, Anna University Annexure I, Q1 Journal
Dr Deepa Jose , Prof.,& Head Research, Dept. of ECE	National Academy Science Letters, Springer	Investigations for Analogizing PVDF and Graphene to Fabricate ECG Sensor as Wearable Device	1.1	2250 -1754	SCI, Anna University Annexure I, Q3 Journal
Seeniappan Kaliappan , Head & Prof., Dept. of Mechatronics Engg.,	Green Processing and Synthesis	Antibacterial and dynamical behaviour of silicon nanoparticles influenced sustainable waste flax fibre-reinforced epoxy composite for biomedical application	4.2	2191 -9550	SCI, Anna University Annexure I, Q2 Journal
Dr Jayakumar Thangaraj , Asst. Prof.,(SG) Dept. of Mechatronics Engg.,	Journal of Optics, Springer	Efficient Mach-Zehnder modulators with high-pumped laser-based multimode doped fibers in high-modulated optical coded systems	1.8	0974 -6900	SCI, Q3 Journal with Impact Factor: 1.8

24 papers got published and indexed in Scopus during March 2024 KCG Faculty - Doctorate Completed Details

Ph.D. Scholar & Supervisor	Thesis Title	Date of Viva- Voce	University
Ms. Brindha Sakthi B, Ph.D. Part-Time scholar at Dept. of EEE, KCG Research Centre, Research Coordinator : Dr T .Anuradha , Prof., Dept. of EEE	Investigation & Optimization of Coil Parameters for Inductive Type Wireless Power Transfer in Electric Vehicles	20 th March 2023 at 10.30AM	Anna University



CAMPUS FACILITIES



DST Supported FIST Lab



Car Simulator



Gymnasium



Aero Hangar



Link Flight Simulator



Bosch Certified Training Centre



NCC



Horse Riding



Inferno Racing



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