Campus Buzz

(Jan- Dec 2020)

KCG
COLLEGE OF TECHNOLOGY
(A Unit of Hindustan Group of Institutions)

INDIA ICON AWARD 2020
to our Beloved Chairperson

Dr. Elizabeth Verghese, Chairperson, Hindustan Group of Institutions, was honoured with the highly acclaimed "Women Icon of India" Award for her contribution in the field of Higher Education in the 45th Edition of Bridge, an Industry- Institute Interaction Meet. She was also one of the panellists in the discussion conducted on the topic "Augmenting Skills, Accelerating Growth"

Founder's Memorial Day

Completing successfully its twentieth year of service in the field of technical education, with a great sense of pride, KCG College of Technology hosted the Memorial Day Ceremony of the Founder Chairman Dr KCG Verghese on 14th February 2020. The solemn occasion witnessed the presence of Chairperson, Director and CEO, Directors, Principals, Deans, Heads, faculty and students from all units of Hindustan Group of Institutions, friends, relatives and family members. Mr A John Louis IAS, District Collector Chengalpattu, Mr JCD Prabhakar, Ex-MLA Villivakkam Constituency, Rev. Dr S Xavier Alphonse, Director, Indian Centre for Research and Development of Community Education were the special invitees.

Dr Annie Jacob, Director, KCG College of Technology welcomed the gathering. The Chief Guest Mr A John Louis inaugurated APJ Abdul Kalam Multipurpose Auditorium. Dr G. Principal, KCG College of Technology introduced the Chief Guest Mr A John Louis IAS and highlighted the reasons behind naming the multipurpose auditorium after Former President of India, Dr Abdul Kalam. Dr Susan Marthandan, Director, Hindustan College of Arts and Science announced a contribution of Rs 10 lakhs by the management for constructing a separate block with smart classrooms in Government School, Kelambakkam. A beautiful Souvenir detailing the myriad achievements of KCG College of Technology and documenting its growth from 1998 was released.

Floral tribute was paid to Dr KCG Verghese during the occasion. Three saplings were planted during the occasion by the Chief Guests. Dr Anand Jacob Verghese, CEO and Director proposed the vote of thanks.

Alumni Meet

Alumni Connect 2019, a reunion of alumni of KCG College of Technology was held on 14th December 2019. Mr NatwarKadel, Head of Employee Relations, Hyundai was the chief guest. 431 alumni had registered and 117 alumni attended the event. The Principal, Dr G Prabhakaran, welcomed the gathering and gave an overview of the recent developments and also the various prestigious awards garnered by the Institution and the students.

Mr Saravanan R, President of KCG Alumni Association, presented a report on the alumni contributions to their alma mater for the past two years. He highlighted a few activities that included technical lectures, motivational talks, career preparation guidance and mock interviews conducted by alumni.

In his Key Note Address, Mr Kadel packed his speech on leadership skills with several anecdotes drawn from real life and mythology. Speaking on the occasion he said "Introspect on the level of potential you are working with and start contributing to the fullest of your ability". "Good leaders demonstrate courage, set vision, see beyond, take risks, remain flexible and create difference" he added.

No to Plastics - Rally

NSS Unit of the College organised a rally to spread awareness amongst the public to reduce and replace plastic on 20th December 2019. Nearly 1,000 students and 250 staff members of the college participated in the rally. Dr R Pratap Kumar, State Information Commissioner, Tamilnadu inaugurated the rally. Dr T G Srinivvasan, Health Education Officer, Chennai Corporation and Mr.T.Sugumar, Zonal Officer, Zone 15, Sholinganallur were the Guests of Honour. Cloth bags designed and stitched by students of Fashion Technology dept. were distributed to the public.

Celebrations at KCG

Christmas Celebrations

Christmas was celebrated on the campus on 21ˢᵗ December 2019. Dr. Joseph Dominic, Consultant Medical Oncologist, Dr Kamakshi Memorial Hospital & CSI Kalyani Hospital, Former Chairman, Catholic Charismatic Renewal, Chennai was the guest.

Pongal Celebrations

The campus was vibrant and colourful on 14ᵗʰ January 2020 on account of Pongal celebrations.

Republic Day Celebrations

71st Republic day was celebrated on the campus. The principal hoisted the tri-colour flag and addressed the gathering.

Stri- Women's Day 2020

Women's Day was celebrated on 7th March at KCG Campus. A series of competitions were organised for girls and faculty. The Chief Guest of the day was Ms Sangeeta Isvaran, celebrated dancer involved in many community projects for the marginalised sections of society. Prizes were distributed to the various winners of the competition.

Awards & Achievements

Best Engineering, Research and Administration Award

The department of Aeronautical Engineering received awards in three categories from the Aeronautical Society of India, Chennai Branch during 70th AGM of AeSI for the instituions offering Aeronautical Engineering programme. The awards received include:

- Best Department offering Aeronautical Engineering
- Commendable Research Contribution in the field of Aeronautical Engineering
- Best Head of the Department Award to Dr K Vijayaraja for his contribution towards the growth of the department and Aero society.

Best Accredited Student Branch Award

KCG CSI Chapter received the 'Best Accredited Student Branch Award' for the period 2017-2019 in the CSI Annual Convention Meet 2020 held at Bhuvaneshwar, Odisha

An App for Mathematics

Mr Narasimhan, Assistant Professor - Mathematics along with Mr Muzammil Sait, student of II year IT have developed an application "Simha's Classes" for Mathematics courses in Engineering curriculum, providing access to previous year question papers and descriptive and visual solutions.

Mini Project Challenge

An Intra-departmental Mini Project Challenge was organized on 28th Feb 2020 and witnessed a massive response from students of all programmes. More than 400 students participated in the Challenge displaying 144 innovative projects, reflecting an impressive array of path-breaking ideas. It provided students an opportunity to interact with experts from industry and build on their existing knowledge.

Workshops and Seminars Organised

Smart Transformation to E-mobility

Department of EEE organised a one-day seminar on 'Smart Transformation to E-mobility' on 21st December 2019. Dr Prabhjot Kaur, CEO, Centre for Battery Engineering and EVs (C-BEEV) IIT Madras was the resource person.

Best Practices on Teaching Learning Pedagogies

Department of EEE in collaboration with Higher Education Cell conducted a seminar on "Creative Teaching & Learning Pedagogies in UNSW Engineering, Australia" on 31st January 2020. Dr. Jayashree Ravishankar, Associate Professor in Energy Engineering, UNSW, Sydney and Ms. Snigdha Moitra , Director, Recruitment & Partnership - India, UNSW were the resource persons.

Ms. Snigdha Moitra addressing the gathering

Higher Education Prospects in France

The Higher Education Cell of the college organised a guest lecture for students aspiring to pursue higher studies abroad. Mr Arunprasath, Researcher, Universite de Poitiers & CNRS, France was the resource person. He highlighted the prospects of higher education in France and also delivered a special lecture on "Advancements in Measurement Techniques".

Mr Arunprasath addressing the students

Dr K Vijayaraja, HoD- Aeronautical Engineering, honouring the guest

Digital Tools for learner Autonomy

English Division of S& H Department conducted a one-day workshop on 'Digital Tools for Learner Autonomy' on 20th February 2020 for the English teachers of Hindustan Group of Institutions. Dr.Rajesh Kumar, Professor of Linguistics, IITM and Dr R Jaya, Associate Professor of English, KCG were the resource persons.

Session by Dr R Jaya, Associate Professor of English, KCG College of Technology

Session by Dr Rajesh Kumar, Professor of Linguistics IITM

Feats in Research and Development

A project grant of 22 lakhs has been sanctioned to the Department of Aeronautical Engineering by Aeronautics Research Development Board.

AICTE has approved project grant for the following projects:
- 22 lakhs to Department of EEE for the project titled "Design and implementation of cyber physical controller for optimal despatch of virtual power plant(VPP) - extension of Newton Bhaba" under RPS Scheme.
- 18 lakhs for MODROBS project applied by Department of Mechanical Engineering
- 5 lakhs for STTP project titled "Cybersecurity & Resilience of Smart Grid" applied by Department of EEE
- 5 lakhs for STTP project titled "AI and IOT powered solutions for HealthCare Innovations" applied by Department of ECE

- KCG Institutions Innovation Council (IIC) has received the first star for the year 2019-20 with a score of 24.99 out of 25 for the Quarter-1 activities.
- Dr G Mohamed Zakriya, Assistant Professor-Fashion Technology has been awarded the prestigious NRDC National Meritorious Invention Award for the Year 2019 with a cash prize of 3 lakhs, for his invention 'Low Weight Modified Jacquard for Handloom Weavers'.
- Mr S Venkatramanan, Assistant Professor, Department of Aeronautical Engineering received Best Paper Award for the research paper presented in the National Conference on Aerospace Engineering Research organised by Department of Aerospace Engineering, Chandigarh University, Punjab.
- KCG Students won first prize in PALS innoWAH Innovation Challenge competition on the theme "Engineering a Healthy World" held at IITM, Research Park.

Mr J Hexin Joseph, Mr K Gokulakrishnan and Mr Eben David of final Year Mechanical Engineering; Mr Ruban Ford and Mr Siddarth of third year Mechanical Engineering and Ms Shobika of II ECE won second prize for their project titled "Agrobots in Tomato Farms" in the Project Competition – VISAI 2020 organised by Veltech, Avadi. They were awarded a cash prize of Rs 7500.

KCG students won prizes under 3 categories in Hackathon and Prototype building Competition conducted by HITS & CAG on 13th and 14th December, 2019.

- **B**est Problem Addressed -Winners - EEE Team - Theme - Energy Conservation
- **B**est Business Potential - Runner up - EEE & CSE Team - Theme - Electricity Governance
- **E**ngourgement Award for Innovative Idea - Winners - EEE Team- Renewable Energy

The internal hackathon for both software and hardware was conducted on 20th January 2020.The prototypes designed by the participants were evaluated by industry experts. The shortlisted teams were nominated to participate in Smart India Hackathon 2020.
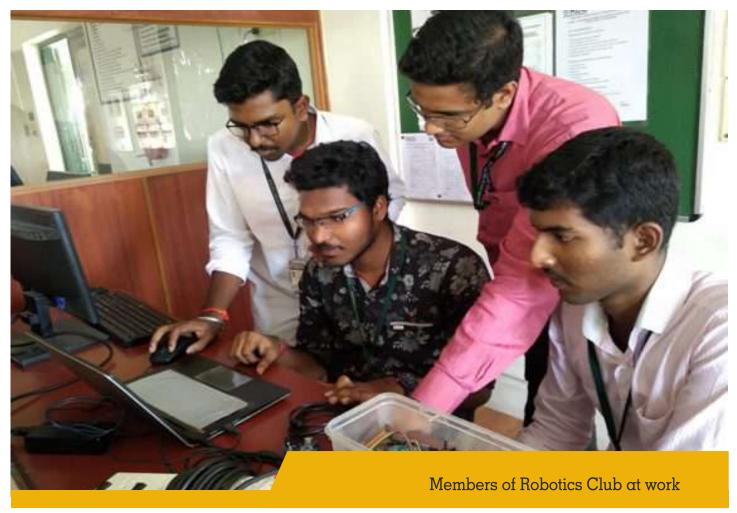
KCG Club Activities

Civil Service aspirants interacting with
Mr Ram Brahas, Faculty in Ganesh IAS Academy

Members of Mobile Apps Club listening to
Mr. Nagarjun Developer, Freshdigital

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Mr. Nagarjun Developer, Freshdigital

IoT Workshop- Mr. Shriji, DIYA Labs

Boot Camp Club- Hands on Training " How to assemble FDM 3D printer" by Mr. Aathith, Vipra 3D

Final assembled FDM 3D printer by Boot Camp Club students

Horse Riding Club member upon horse

Members of Robotics Club at work

IoT Workshop- Mr. Shriji, DIYA Labs

Dance Club- Hip Hop Workshop

Literary Club- Workshop on Journalistic
Writing by Thomas Manuel, Freelance Journalist

Literary Club- Slam Poetry Competition

Literary Club- Workshop on Creative Writing by John Jeyakumar, Fiction Writer

Maths Club members at work

Students' Achievements

Mr Karan Sanjeevi Nair, I st year CSE, delivered a talk on "Docker in Day to Day Dev's Life", which majorly focused on Advantages of using Jekyll instead of MySQL. He gave this lecture as a part of the group of Facebook Developer Circle, Chennai @ VIT, Chennai on 11th Jan 2020. This group is a mix of CEO's, Techie's from Industry and Academia, across the world who contribute by sharing the knowledge and learning New Technologies in the market which is completely sponsored by Facebook.

Our students bagged first prizes in Group Dance, Solo Singing and Solo dance in the cultural fest organised by Institute of Management and Technology (IMT), Siruseri. They won the Overall Championship Trophy for non-technical events.

KCG Dance Team 'Immortalz' got first prize in the cultural fest organised by Hindustan College of Arts and Science on 20th February 2020. The team won first place in Pecofest-2020 conducted by Pondicherry Engineering College, Pondicherry

KCG Music Band receiving cash award @ Vel's University Culturals

Ms Jahnvi (IT), Mr Dharshan (Automobile), Mr Arjun, Mr Joshua David and Jonadab of ECE represented KCG Music Band and got II place in Battle of Bands, an event in SRM Culturals-Milan. The team won a cash award of Rs. 5000 in ICAT Culturals, Santhome.

KCG Music Team got First place in Music Band event organised by Vels University and won a cash prize of Rs 20000. Ms Jahnavi has got an opportunity to sing for the Vels production movies.

Winners @ Hindustan College of Arts and Science

Mr R Dinesh Kumar of II ECE A won the first prize, Mr Achyut N of II ECE A won the second prize and Mr D Shri Vaidya Raghavan of III ECE B won the third prize in the group discussion contest on the topic ''Social Media in Today's World'' conducted by the department of ECE and IETE.

Mr Mohankumar of final year Mechanical Engineering won first prize in paper presentation competition, an event in FLIGHT 20 organised by MIT, Chennai.

Dr I R Praveen Joe receiving the award from Dr N Natraj, IPS

KCG Team comprising students form Mechanical Engineering and ECE, mentored by Vignesh Kumar, Assistant Professor-Mechanical Engineering, won first prize for their project titled "Design and Fabrication of Mango Seed Decorticator" in a project challenge organised by Tagore Engineering College.

KCG-NCC Cadets won Overall Championship-Second place in the Cado Fest organised by Sir Theyagaraya College on 22nd & 23rd February 2020. The cadets won first place in Contingent Drill, Contingent Drill Best PC, Guard of Honour, Best GC, Flag Area, Best MC, GK and GSK. They won second positions in BC and Kolna Johlna.
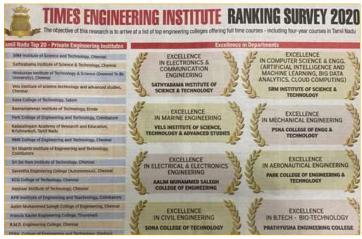

NCC Cadets with Trophies

Toastmaster Akshaya M M of KCG Youthmasters Club won 3rd place and 2nd Place in Impromptu speech and Prepared Speech Contest respectively, Dr Praveen Joe of KCG Toastmasters Club won 2nd Place in impromptu speech contest held at Ascendas BNP, Taramani on 29th February 2020. They will be representing the Area in the Division contest to be held in the month of April 2020.

Students' Achievements

- Ranked first in Chennai and third in Tamilnadu among the Non-Autonomous Colleges Affiliated to Anna University by NIRF; 39th position in Tamilnadu and 13th position in Chennai in the engineering category among IITs, IIMs, Central, State, Private and Deemed to be Universities in India.
- Ranked 45 among Private Engineering Colleges – South Zone; 85 among Private Engineering Colleges- India, 110 among all Engineering Colleges including Government Colleges in the survey conducted by The Week.
- Ranked 16th among the Top 100 Tech enabled T Schools – India; 9th among all the Private Institutes – India and 5th in the South Zone in Dataquest Survey 2020.
- Ranked one among top 25 colleges and categorized as "Band A" institution in category of 'Private or Self-finance Colleges' in ATAL Ranking of Institutions on Innovation Achievement (ARIIA) 2020.
- Ranked among Top 20 Private Engineering Institutes by Times.
- Recognized as Shining Nodal Centre by Virtual labs.
- Recognized as Social Entrepreneurship, Swachhta& Rural Engagement Cell (SES REC) Institution by Mahatma Gandhi National Council of Rural Education, Department of Higher Education, Ministry of Education, Government of India.
- Department of Automobile Engineering has become the member of Automotive Component Manufacturers Association of India.

- The college has won the National Award for EEE & Civil Engineering and their Allied courses.
- Dr. Anand Jacob Verghese, Director and CEO-Hindustan Group of Institutions,is appointed as Governing Board Member of The Council of EU Chambers of Commerce in India.

Our New Initiatives

Inauguration of Y's Youth Club of KCG College of Technology was held on 9th October 2020.
Y's Service Club of Karapakkam sponsors the club.

கேசிஜி தொழில்நுட்ப கல்லூரியின் ஃபேஷன் டெக்னாலஜி துறை சார்பில் நடை பெற்ற 'செய்'கை' பிராண்ட் தொடக்க விழாவில் பங்கேற்றவர்கள்.

கரோனா முன்களப் பணியாளர்களை கவுரவிக்க கேசிஜி ஃபேஷன்டெக்னாலஜி புதிய முயற்சி

■ சென்னை: தற்போதைய கரோனா பேரிடர் காலத்தில் முன்களப் பணியாளர்களின் பங்களிப்பை போற்றும் வகையில் கேசிஜி தொழில்நுட்ப கல்லூரியின் ஃபேஷன் டெக்னாலஜி துறை சார்பில் 'கோவிட்-ஓபரா 2020' பிரச்சாரம் தொடங்கப்பட்டது.

இதன் ஒருபகுதியாக 'செய்'கை' என்ற பிராண்ட் உருவாக்கப்பட்டுள்ளது. கேசிஜி ஃபேஷன் டெக்னாலஜி மாணவர்கள் தாங்கள் கற்றுக்கொண்ட அனைத்து திறனையும் வெளிப்படுத்தி தயாரிக்கும் பல்வேறு பொருட்கள் 'செய்'கை' என்ற பிராண்டில் ஆன்லைன் மூலம் விற்பனை செய்யப்பட்டு, அதன்மூலம் கிடைக்கும் பணம் கரோனா முன்களப் பணியாளர்களுக்காக செலவிடப்படும். ஏ.பி.ஜே.அப்துல் கலாம் பிறந்தநாளான அக்.15-ம் தேதி, கேசிஜி தொழில்நுட்பக் கல்லூரியில் புதிய 'செய்'கை' பிராண்ட் தொடக்க விழா மெய்நிகர் முறையில் நடைபெற்றது. கல்லூரி முதல்வர் ஜி.பிரபாகரன் வரவேற்றார். ஃபேஷன் டெக்னாலஜி துறை தலைவர் வி.பானு ரேகா 'செய்'கை' பிராண்ட் உருவானது குறித்து விளக்கினார். 'நெசவு' நிறுவனர் சி.எஸ். பாலாஜி ஆன்லைன் விற்பனையை தொடங்கி வைத்தார். ●

SeiGai, a brand was launched by
the students of Department of Fashion Technology.

Our Contribution towards Research

Patents

- Ranked among the Top 10 Indian Applicants for patents from Institutes and Universities.

- Certificate of Grant Innovation Patent awarded to Dr Motilal T, Professor and Head, Automobile Engineering for the invention titled "An Approach to Heterogeneous Multi Design Based Floor Planning Aware with Thermal Power Delivery".

- Certificate of Grant Innovation Patent awarded to Dr Motilal T, Professor and Head, Automobile Engineering and Dr K Karthikeyan, Associate Professor and Head Department of EIE for the invention titled "Design and Development of a Smart Suite for Assisting Pregnant Women".

- Certificate of Grant Innovation Patent awarded to Dr K Karthikeyan, HoD- EIE for the invention titled "Electric Vehicle Charge Management and Monitoring System based on IOT".

Funded Projects

- AICTE has approved and sanctioned Rs.15,56,955 /- as grant to the research proposal titled "Design and implementation of VLSI Chip for Security against side channel attack on IoT/ Cyber Physical Systems" under AICTE's Research Promotion Scheme(RPS).

- 8lakhs from AICTE under RPS scheme to Department of EEE for the research project proposal titled "Design and implementation of cyber physical controller for optimal dispatch of virtual power plant".

- 7.5 lakhs under Samridhi Scheme for the project proposal "Entrepreneurship and startups for SC/ST students

- 2.9 lakhs from AICTE for conducting STTP on "Incorporating the techniques of Block Chain and Artificial Intelligence to Face the Security and Privacy Challenges of IT Infrastructure"

- Department of CSE has received Rs. 93,000/- from AICTE, for conducting ATAL Online FDP programme on Blockchain.

- Department of EIE has obtained 3.25 lakh worthconsultancy project titled 'Power Converter Development for Electrocoagulation' from Zero Discharge Technologies, Coimbatore.

- Consultancy project worth Rs.3,25,000/- has been received from Zero Discharge Technologies, Coimbatore for the project titled "Power Converter Development for Electrocoagulation".

Papers Published

- Dr. R. Lakshmipathy has published research paper "Enhanced Dielectric Properties of Green Synthesized Nickel Sulphide (NiS) Nanoparticles Integrated Polyvinylalcohol Nanocomposites" in the Journal of Materials Research Express which is indexed in SCIE, WoS and Scopus and also in Annexure-I. Impact factor: 1.449

- Mr. S. Bairavel, CSE Dept and Dr. M. Krishnamurthy, Head CSE have successfully published research work in Soft Computing, Springer. The journal is indexed in Annexure-1, SCI, Scopus, Impact factor: 3.136 . Research article title is " Novel OGBEE-based feature selection and feature-level fusion with MLP neural network for social media multimodal sentiment analysis"

- The research paper "Facile microwave-assisted synthesis of metal oxide CdO-CuO nanocomposite: photocatalytic and antimicrobial enhancing properties" by Dr. V. Andal has been accepted for publication in Optik – International Journal for Light and Electron Optics, Elsevier publication. This journal is indexed in SCIE, WoS and Scopus and also in Annexure-I. Impact factor: 1.92

- Dr. Deepa Jose, Assoc. Prof , ECE Dept has published research paper "Design and implementation of hybrid integration of cognitive learning and chaotic counter measures for side channel attacks" in Journal of Ambient Intelligence and Humanized Computing, which is indexed in SCOPUS, Science Citation Index Expanded (SciSearch), Annexure-I, Impact Factor:1.91

- Dr. P. Deiva Sundari, Associate Dean and Ms. R Gayathri, EEE have successfully published a research paper titled "Investigation of Dielectric Properties of Composite Nanofluid with Surfactant" in Digest Journal of Nanomaterials and Biostructures. The journal is in Annexure-1 list and indexed in SCI, Web of Science, Scopus, Impact Factor: 0.785.

- Dr. S. Palaniappan, Assoc. Prof.-CSE has published his research article titled "Efficient heart disease prediction-based on optimal feature selection using DFCSS and classification by improved Elman-SFO" in Journal of IET Systems Biology (Annexure 1/SCI) (IF- 1.12).

- Dr. Dhanalakshmi R., Professor-CSE has published two papers, "Adaptive Cognitive Intelligence in Analyzing Employee Feedback using LSTM" and "Uncovering Hidden Community Structures in Evolving Networks Based on   Neighborhood Similarity" in Journal of Intelligent & Fuzzy Systems, IOS-Press. The journal is indexed in Annexure-1, SCI, Scopus, impact factor: 1.851.

- Dr. S. Yuvaraj, Asst. Prof.-Mech has published a paper titled "Optimization and effect of load, sliding velocity, and time on wear behavior of AA8011- 8 wt.% fly-ash composites" in Journal of Surface Topography: Metrology and Properties (Annexure 1) (IF- 1.613).

- Dr. Thulasi Bai Vijayan, Professor-ECE, has successfully published her paper titled "Semantic Segmentation of Conjunctiva Region for Non-Invasive Anemia Detection Applications"in Electronics - MDPI AG SWITZERLAND. The journal is indexed in Annexure-1, SCI, Scopus, impact factor: 2.412.

Remote Teaching – Learning- Successful Planning and Execution

Teaching- learning process in any education institution is a regular and integral part of the system. But, this year, in this new normal, teaching-learning has become an extraordinary one. When the pandemic outbreak started and when the government announced tentative closure of educational institutions, with all foresightedness the teachers started delivering lessons through Google Classroom and Edmodo. With the extension of lockdown and likelihood of reopening of educational institutions was considered remote, going completely online was the only viable situation which required lot of proper planning and preparation. The availability of necessary infrastructure among faculty and students, identify a Learning Management System (LMS), develop familiarity about the LMS among students and faculty and design suitable e- materials was ascertained.

- A survey was administered on teachers and students to find out the feasibility of conducting forthcoming semester classes online. The analysis of the responses revealed that both the teachers and students possessed required internet connectivity and device.
- MSTeams was chosen as the learning management system considering its suitability for teaching and assessment.
- Orientation on MS Teams to faculty by experts from Hindustan Institute of Technology and Science, Chennai was given.
- Demo session on MS Teams by personnel from MS Teams was organized
- Five day FDP on using MS Teams to all faculty by in-house team was provided
- Webinars on creating and editing videos by Dr Yogendra Pal, Director, ET Mantra eLearning Solutions were arranged.
- Demo session on conducting virtual lab was arranged.
- Review on material preparation was conducted by the senior administrators Principal, Dean, Associate Dean and IQAC coordinator.
- Orientation on MS Teams to students by department faculty

Training and Placement

95% of our eligible students have been placed in reputed companies so far and the recruitment process is still in progress.

Our virtual training sessions during pandemic include,

- Pre-placement training on Reasoning and Quantitative Aptitude for students with 0-3 arrears
- Aptitude Training , Soft Skills Training and Domain Specific Training for Hexaware Solutions Placement Drive
- Training for Virtusa Campus Placement
- Training under the aegis of Infosys Campus Connect Programme.
- British Council English Language Practice Tests
- Sessions on How to Crack Interviews

The companies that conducted drives on virtual mode this pandemic are Airbus, Belcan Aerospace, Byjus, Hack with Infy, Harphil Software Solutions, Hexaware Solutions, Kaar Technologies, InfyTQ, Maximi Technologies, Virtusa Campus Hiring, Zuci Systems, Ziegler Aerospace, Zoho Corporations, Sutherland, QSpiders, Ziegler Aerospace and many others.

- Conducted AICTE sponsored Virtual International Conference on Integration of advanced technologies for Industry 4.0 on 12th and 13th June 2020.

- Director Dr Annie Jacob on impact of COVID on colleges to Femina https://m.femina.in/life/knowledge-and-education/dr-annie-jacob-on-how-colleges-have-been-impacted-by-covid-19_-161938.html

- Dr Annie Jacob, Director moderated the Panel Discussion-Civil Services Wonderful Career Opportunities for Engineers on 26thSeptember 2020.

- KCG is one of the sponsors of Global Summit 2020 - Womenomics – Inclusive Leadership and Women Empowerment. Dr Annie Jacob, Director, KCG Technology moderated a chat session with Ms Rekha Anil, Global CSS Leader, Microsoft India (R&D) on 23rd October 2020.

Events Organised

Celebrations @KCG

All important events, national days and festivals were celebrated on virtual mode. Founder's Day, Independence Day, Teachers' Day, Chairperson's Birthday, Indian Air Force Day, World Mental Health Day, Christmas and College Day were celebrated online.

- Founder's birthday was commemorated through virtual mode on 20th June 2020. KCG faculty and students participated in the Virtual Choir "Heal the World". Poor children and destitute were served food on the occasion. Video link : https://youtu.be/uaIiri6WjyM

- Commemorating Dr APJ Abdul Kalam Memorial Day, on 27th July 2020, Department of Aeronautical Engineering organized a webinar on ' Remembering Kalam" by Padmashri R M Vasagam, Former Director ISRO and Former VC, Anna University

- 74th Independence Day was celebrated on the campus on 15th August 2020. The Principal hoisted the National Flag and delivered the Independence Day address. Saplings were also planted on the campus.

- Onam was celebrated on the college campus on 29th August 2020.

- Teachers Day was celebrated on 5th September 2020 online. Mr Sathya Kumar, Trainer, Tycoon Academy gave a special lecture on "National Education Policy 2020". A Panel Discussion on "Managing Generation Z" was also a part of the programme. Video link: https://www.youtube.com/watch?v=woE9ot KgkBI

- A Webinar on "Future of Drones in Farming" was organized by Department of Aeronautical Engineering in association with Aeronautical Society of India, Chennai Branch on 8th October 2020 on account of Indian Air Force Day. Video link: https://www.youtube.com/watch?v=Q4DjgG XymFo

- Birthday of our beloved Chairperson, Dr.Elizabeth Verghese was celebrated in virtual mode. 5500 poor children, destitute and senior citizens in old age homes were fed on the occasion of Chairperson's birthday.

- World Mental Health Day was observed on 10 October 2020. Dr. Yamini Kannappan, Consultant Psychiatrist, Kauvery Hospital was the chief guest. Video link: https://www.youtube.com/watch?v=mTRXr0 sVYso

- Y's Mens Club of KCG College Youth in association with Y's Service Club of Chennai Karapakkam celebrated Diwali with the children of Annai Fathima Child Welfare Centre, Sholinganallur, Chennai on 12th November 2020.

- YSC of Chennai, Karapakkam and YMC of KCG College Youth celebrated Christmas with children in Annai Fatima Orphanage, Karapakkam and HIV Born Girl Children of ARK Service Society, Thoraipakkam on 23rd December 2020.
- Watch Christmas Carols of KCG College of Technology @ https://youtu.be/uLQDNXpGj98
- Watch 'Mary, Did you Know? by Dr Annie Jacob, Director, KCG College of Technology @ https://youtu.be/ayfuQLwz2X0

- 22nd College Day was held on 30th December 2020. Radio City RJ Bharath was the Chief Guest. The Principal presented the annual report for the period June 2019 to December 2020. Student and faculty achievers for the period were announced and appreciated. Recordings of cultural performances by students were screened.

Virtual Tour

- PALS Virtual Industrial Visit to L&T Hydrocarbon Divison, Vadodara was arranged on 16th September 2020 and the central focus was on Project Management.
- Virtual Campus Tour was arranged for first year students of class 2020 on 17th October. https://www.youtube.com/watch?v=-GOcabYM5Ow
- Department of Fashion Technology organized a virtual tour to Gokila Garments, Tirupur on 3rd December 2020 for their students. Ms. Priya, Senior Merchandiser of Gokila Garments

Staff and Student Wellness and Welfare Programmes

- A session "Don't Worry, Be Happy: Dealing with Stress and Anxiety was organized for the welfare of the students on 29th June 2020. Dr Shiva Prakash Srinivasan, Child, Adolescent, Adult Psychiatrist, SCARF was the speaker.

- Cheer Up! Gear Up!! (An experiential and therapeutic session) - A Session for Teachers by Ms. Revathy Dhushyanthan, Student Counsellor was conducted on 14th July 2020.

- A workshop on Prevention of Sexual Harassment (POSH) was conducted on 10th October 2020 by Ms Swapna Sundar, Lawyer, Author and Ethicist.

- "Finance your Future with the Right Educational Loan", an exclusive session for students completing school and looking for higher studies was conducted on 12th July 2020. Mr M K Rangaswamy, Chartered Accountant was the speaker.

- Rotaract Club of the College organized an awareness program on "Basic Education and Literacy on 13th July 2020.

- Office of Students Affairs organized a webinar on "Maintaining Focus, Fuelling Performance" for students on 25th July 2020. Ms Narmadha Arjun, Psychologist and Coach, was the speaker.

- An Overview on Personality Development by Ms Revathy, student counselor, on 26th December 2020.

- Institutions Innovation Council (IIC) organized a motivational session "My story" by the successful entrepreneur Mr. Srivas Anantharaman, Founder - First Feet and Taste studio on 31st December 2020. Watch at https://www.youtube.com/watch?v=L1EEuVgy-NE

- Fit India Cyclothon was organized on Campus on 22nd December 2020, as directed by Ministry of Education and Ministry of Youth Affairs and Sports, to create awareness on the importance of keeping fit and healthy.

Orientation / Induction Programmes for first year students

- Orientation Programme for first year management quota Students was conducted on 24th August 2020.
- Orientation Programme for first year students for students who joined through Anna University Counselling was conducted on 2nd November 2020.Dr Sivakumar M Srinivasan, Professor, Department of Applied Mechanics IITM was the Chief Guest.
- Induction Program for I B.E/ B.Tech students was conducted online from 4th November to 6th November 2020. The topics covered were
  - ➤ Yoga for Healthy Life
  - ➤ Universal Human Values
  - ➤ Soft Skills
  - ➤ Value-based Communication
  - ➤ Orientation on Training and Placement

KCG Club Activities

- Orientation Programme - Get to Know KCG Club was held on 7th November 2020.

Inter-Collegiate Virtual Competitions- Lockdown Showdown by KCG Clubs

- KCG Mathematics Club conducted a quiz competition 'Fun with Numbers' on 18th July 2020.
- Literary Club conducted Slam Poetry and Flash Fiction on 18th July; Debate and Blog Contest on 25th July. KCG students were asked to write a Blog post on 'Great Memories at KCG' and request their friends and family to follow and comment on their post.
- Robotics Club and Project Club jointly conducted Innovation Ideation Challenge on 1st August 2020.
- Photography Club conducted Video Contest and Photography Contest on 8th and 15th August 2020 respectively.
- Sports Club conducted a Quiz on COVID on 15th August 2020.
- Seven day workshop through Rotaract Club of KCG in association with 5 other clubs of Rotaract International District 3232.

Short Term Training Programmes (STTP)

- Department of EEE organized an AICTE Sponsored One Week Online STTP on
  - ➤ "Cyber Security and Resilience of Smart Grid (CSRSG) #Research Approach" from 27th July to 1st August 2020.
  - ➤ "CyberSecurity and Resilience of Smart Grid (CSRSG)" # International Practices & Experiences from 17th to 22nd August 2020.
  - ➤ "Cyber Security and Resilience of Smart Grid - Industry Approach and Implementation" from 7th to 12th September 2020.

- Department of IT organized AICTE and CSI Sponsored Online Short Term Training Programme on "Incorporating the Techniques of Block Chain & Artificial Intelligence to Face the Security and Privacy Challenges of IT Infrastructure – Industry Approach" from 23rd to 28th November 2020.
- Department of Electronics and Communication Engineering & KCG-Research Forum of the college jointly organized an AICTE Sponsored One week Online Short Term Training Program (STTP) on 'IoT powered solutions for Health care Innovations' from 30th November to 5th December 2020.
- Department of IT organized AICTE and CSI sponsored online Short Term Training Programme on "Incorporating the techniques of Block Chain & Artificial Intelligence to Face the Security and Privacy Challenges of IT Infrastructure"was conducted from 14th to 19th December 2020.
- Department of ECE organized an AICTE sponsored One Week Short Term Training Program (STTP) on "AI Powered Solutions for Health Care Innovations" from 26th to 31st December 2020.

Faculty Development Programme

- Department of CSE organized an AICTE ATAL Sponsored Online FDP on "Block chain" from 21st to 25th September 2020.
- Department of Computer Science and Engineering conducted a 5-day Faculty Development Programme on 'Robotics' Sponsored by AICTE Training and Learning (ATAL) Academy from 8th to 12th December 2020.
- A twelve hour online Faculty Empowerment Programme (FEP) was conducted for the professional development of the faculty of KCG College of Technology. A total of 8 sessions were conducted on working Saturdays between 2 pm and 3.30 pm from 19th September to 28th November 2020 in virtual mode.
  - → **Session 1** of the FEP started on 19th September 2020 on the topic 'Presentation Skills" by Dr I R Praveen Joe, Associate Professor-CSE, KCG College of Technology, Chennai.
  - → **Session 2** was on the topic 'Managing Difficult People' by MrSathya Kumar, Trainer, Tycoon Academy on 3rd October 2020. https://www.youtube.com/watch?v=zhu1yYz3Tkk
  - → **Session 3** byMsMubeenIrshad, Director, Story Carpet, Chennai on the topic "Creative Storytelling Techniques for Teachers" was held on 17th October 2020. https://www.youtube.com/watch?v=UeXGxYNiFNYc
  - → **Session 4** on the topic "Developing Intuitive Skills for Decision Making" byMrSenguPaal, Opinion Shaper, Director-eZone Learning, Chennai, was held on 24th October 2020.
  - → **Session 5** on the topic "Mind Full to Mindful" was by Ms Lakshmi Subramanian, Program Head and Life Coach, Global Adjustments Foundation Chennai, was held on 31st October 2020. https://www.youtube.com/watch?v=dAY4Fl2pHtI
  - → **Session 6** on "Grit: Passion and Perseverance" was delivered by Dr Praveen Joe, Associate Professor, KCG College of Technology, Chennai 19th November 2020.
  - → https://www.youtube.com/watch?v=iUzg7Ootv2Y
  - → **Session 7** on "Teaching Heterogeneous Group of Students" was conducted by Dr Justin James, Professor of English, University of Technologies and Applied Sciences, Nizwa, Sultanate of Oman on 21st November 2020. https://www.youtube.com/watch?v=xAHkS1XLCiY
  - → **Session 8** on "Effective Business Communication" was conducted by Dr R Jaya, Associate Professor of English, KCG College of Technology,Chennai on 28th November 2020. https://www.youtube.com/watch?v=7dd5UGTBzdM

Build to Learn Workshops

- Game Development workshop to build simple web based games using javascript was conducted from 6th to 9th July 2020.

- Website/Web Apps Development workshop to build website and web application using java script and external services was conducted from 18th to 22nd May 2020.

- Mobile App Development workshop on building and deploying applications on Android phones using MIP app inventor was conducted from 7th to 9th April 2020.

School Connect Programmes

- Department of Fashion Technology conducted Poster Presentation and Doll Making Competitions in the name COVIDESTA 2020 -A campaign towards COVID 19 on 20th June 2020.

- Department of Science and Technologies conducted a National Level Science Wizard Quiz for +2 students on 1st July 2020.

- Department of IT conducted The Great Hack 2020, a school connect programme, on 11th and 12th July 2020.

- Department of ECE oraganiseda National Level Poster Making and Project Competitions for School Students -"KCG Techno Fest 2020" on 13th July 2020.

- Department of CSE organized a 3 day online workshop on "How to Adapt to Online Education" for school students from Class X from 18th to 20th July 2020.

- Department of Mechancial conducted KCG MECHFEST – 2020 – a Poster Presentation Competition on the Theme "Innovative Technical Ideas for Society Welfare" for School Students from X Std. to XII Std on 23rd July 2020.

- Technical Quiz on Social Media for school students of Class VIII and above was organized by Department of Computer Science on 23rd December 2020.

- Department of Information Technology conducted an online Workshop on Ethical Hacking on 10th December 2020 for school students.

- Department of ECE conducted a Career Guidance Program for students of Jawahar Vidhyalaya School (CBSE), KK Nagar, Chennai on 28th December 2020.

- Department of Automobile Engineering conducted a Career Guidance and Virtual Lab sessions for HIET Polytechnic students from 22nd to 31st December 2020.

- Department of EEE conducted Virtual Lab on "Electric circuits and Machines Lab and Electronic Devices and Circuits"for HIET Polytechnic students on 29th and 30th December 2020.

- Department of Information Technology conducted "The Great Hack 3.0" on 29th and 30th December 2020 for school students.

Value Added Programmes

Department of Aeronautical Engineering

- General Design aspects of STUDENTSAT by Mr. Krishnaswami, Project Manager-NISAT on 30th November 2020.
- General design aspects of Satellite by Mr. Arunachalam, Ex -Project Director ISRO, Bangalore on 30th November 2020.
- Drone Pilot Operations by Mr. Tamilarsan, Managing Director, Aerotics Technologies on 30th November 2020.
- "Nano Satellite" by Mr. T.S Sundar Moorthy, Deputy Director Mission Kalpana Satellite, ISRO, Bangalore on 1st December 2020
- "Drone, Flapping Wing Airworthiness & Certification" by Mr Mahadeva, Channegowda Project Manager-Airbus-Germany on 1st December 2020.
- "Design aspects of CUBESAT" by Mr. Pratik - RILE Mumbai on 2ndDecember 2020
- "General Design aspects of UAV" by Dr Ramesh, Ex Group Director NAL on 3rd December 2020.
- "How to build and launch their own satellites" by Ms. Caius M. Reza, Business Development, Alba Orbital Scotland on 3rd December 2020.
- "Applications of Drone in COVID19"by Mr Peter Charles MD, Garuda Drones on 3rd December 2020.
- "UAV Design and applications" by Mr Dinesh, UCAL Chennai on 3rd December 2020.
- IRNSS-GPS version of India, Mr. Soma Perumal, Project Director, IRNSS, ISTRAC, Bangalore on 4th December 2020.
- Fixed, Rotary and Flapping Wing-MAVs, Mr Satyanarayana Murthy Head UAV-NAL Bangalore on 4th December 2020.
- General Design Aspects by Dr Vijay Sahadevan, GKN Aerospace UK on 7thDecember 2020.
- Design of Sea Plane Amphibian by DrRajkumar S Pant, Professor, Department of Aerospace Engineering, IIT Bombay on 8th December 2020.
- NDT Aspects of Structures by Dr. Brhamma, Consultant, P3-Bangalore, Ex Cades, Ex NALon 9th December 2020.
- Design of Aircraft Structural Components by Mr. Krishnamoorthy Principal Engineer (Aero structures) UTC-COLLINS Aerospace Bangalore on 9th December 2020.
- Maintenance of Aircraft-Air Vice Marshell by Mr. Surya Narayana Moorthy, VSM (Retd)on 10th December 2020.
- Aircraft v-n Diagram and its Applications by DrRajkumarS.Pant Professor, Department of Aerospace Engineering, IIT Bombay on 10th December 2020.
- Composite Structures by Mr. Satapathy, Advisor, Omni dynamics, Ex Vice President CADES, Ahmedabad Ex DGM HAL, Bangalore on 11th December 2020.
- Maintenance documentation by Mr. Tamilarasan, CEO, Aerotics Technologies on 11th December 2020.
- Introduction to Aircraft Design and Career Guidance for Young Aero Minds by Dr Muniappan.A, DGM Aircraft Design Tata Advanced System Ltd-Bangalore on 12th December 2020.
- Basics of Flight Testing and Flight-Testing Techniques by Gp Captn. Arunachaleswaran, Pilot & Group Captain, Indian Air Force (IAF) Bangalore on 12th December 2020.

Department of Automobile Engineering

- Hands on Training on Dismantling and Assembling of Two Wheeler Vehicle on 2nd December 2020.
- Automotive Electrical and Fabrication of electric vehicle on 3rd and 4th December 2020.
- IRNSS-GPS version of India by Mr. Soma Perumal, Project Director, IRNSS, ISTRAC, Bangalore on 4th December 2020.
- Training on Modeling Software(CATIA) from 5th to 7th December 2020.
- Training on Analysis Software (ANSYS) on 8th and 9th December 2020.
- Hands on training on different parts in a Four Wheeler Vehicle on 10th and 11th December 2020.

Department of Civil Engineering

- Architectural Planning and Modelling of Buildings as per By-Laws using AutoCAD for students of second year from 30th November 2020 to 4th December 2020.
- Building Information Modelling using Revit Architecture for students of third Year from 7th to 11th December 2020.
- Analysis and Design of Structures using STAAD Profor final year students from 7th to 11th December 2020.

Department of ECE

- Network Essentials-Foundation Course Introduction to Networks to a group and Cisco Networking Academy – IOT Fundamentals-Connecting Things for another group of students of second year from 30th November 2020 to 4th December 2020.
- MATLAB Certification-Associate (1st Level) for 9 students of second year from 30th November 2020 to 4th December 2020.
- Java Full Stack from 30th November 2020 to 4th December 2020.
- NSDC Certified Online Solar Training on Rooftop Solar Grid Engineer from 30th November 2020 to 4th December 2020.

Department of EIE

- Basics of Industrial Automation from 30th November to 2nd December 2020.

Department of EEE

- MATLAB-2 training from 7th December to 11th December

Department of Information Technology

- Cloud Computing, CCNA, Data Science and Machine Learning and Java Full Stack for second year students from 30th November 2020 to 5th December 2020.

Department of Mechanical Engineering

- IC Engines, Automotive Technology, R& AC by Mr. Jagannathan (External -Goodwin Motors) on 30th November 2020.

Webinar Series

Department of Aeronautical Engineering

- "Rocket Principles & Propulsion systems" Dr. K. Jayaraman, Visiting Professor METU, Ankara, Turkey on 12th June 2020.
- "Data Analytics in Bio Medicine" by Mr. Ashwin Seshadri, Group Technical Manager, HCL Technologies on 12th June 2020.
- "Introduction to Programming Concepts and Current Trends in IT" by Mr. Joshua Abraham Thomas, Systems Engineer ETA – Cloud Infosys on 13th June 2020.
- ''Bionics in Aircraft Structures''by Mr. V. Krishnamoorthi, Principal Engineer, Aero structures Group, Collins Aerospace, Bangalore on 17th June 2020.
- "Embedded systems for Aerospace , Electronics and Instrumentation applications" by Mr. S Chandravel Vice President Rossell Techsys, Bangalore on 18th June 2020.
- "Design Thinking & Applied Engineering in Aerospace" by Mr. Arun Karuppasamy, Chief Technical Advisor, KBR Consulting, United Kingdom on 19th June 2020.
- ''Emerging Technologies and Applications of UAV'' on 10th July 2020. Dr. G Ramesh, Dean, GCEM Bangalore was the resource person.
- ''NASA Small Satellites and Future Missions'' Mr. Roger Hunter, Program Manager, NASA, USA on 20th July 2020.
- Department of Aeronautical Engineering and Aerospace Engineering jointly organized a webinar on ''Future of Drones'' by Dr. Gurupakaran Sivalingam, Head Research and development, Kambyan Network, Malaysia on 8th October 2020.
- Department of Aeronautical Engineering and Aerospace Engineering jointly organized a webinar on ''Trends in Gas Turbines Engine Technologies'' by Dr. S Ganesan, Scientist G and Group Director GTRE on 9th October 2020.
- Department of Aeronautical Engineering and Aerospace Engineering jointly organized a webinar on ''Modern Avionics and Air Safety'' on 15th October 2020. Dr. U. S. Paul Russel, Sr. Asst. General Manager, Air India was the resource person.
- Department of Aeronautical Engineering and Aerospace Engineering jointly organized a webinar on ''Combustion Fundamentals and Propulsion Systems'' on 17th October 2020. Dr. Arun Balakrishnan, Engine Calibration Engineer, John Deere Power Systems, Iowa, USA was the speaker.
- Department of Aeronautical Engineering and Aerospace Engineering jointly organized a webinar on ''Introduction to Engines fitted on Airbus A320 Aircraft'' by Mr. Gavini Venkata SubbaRao, Consultant Indigo Airlines on 19th October 2020.

Department of Automobile Engineering

- Machine Learning in Engineering by Mr. Shabarinath Premlal , Founder & CEO ResPro Labs on 1st June 2020
- ''Opportunities inside the World of Motorsport'' by Mr. Aditya Patel. International Race Car Driver, Founder of X1 Racing League and Ultimate on 3rd June 2020.
- ''Fuel Cells in Automobiles'' by Felix Swamidoss on 5th June 2020.
- "Sustainable Manufacturing in Industry 4.0" by Mr. Shivaramakrishnan Kumar, Project Lead, Johnson Electric Pvt. Ltd. on 6th June 2020.
- ''Application of CFD for Automobile Engineering'' by Mr Vijay Ram, Divisional Manager CFD at Ashok Leyland on 10th June 2020.

Department of Civil Engineering

- Construction Management by Mr Kousik Gosh
- "Energy and Water Conservation through IOT in Hotels and Industries" on 1st July 2020.
- "Deflection of Beams" on 16th September 2020.
- "Estimation and Rate Analysis" on 18th September 2020.

Department of ECE

- 'Challenges and Opportunities of Emerging Technology for VLSI' by Dr. Pandiyarasan Veluswamy, (Alumni 2004-2008 batch ECE) DST INSPIRE faculty, Electronics and Communication Engineering, IITDM, Kancheepuram on 8th June 2020.

- "Basics of Communication and Networks" by Mrs. Senthamarai Selvam, Senior Principal Scientist-Retd., CSIO (Central Scientific Instruments Organization) CSIR on 15th June 2020.

- Panel Discussion on "Career Experiences " was held on 27th June 2020. Alumni of ECE, Mr Sakthivel Velumani, Research Engineer, Eurecom (France); Subhashrahul Shekhar, ASIC Design Engineer, Delphi Technologies (USA)

- Ms Sheelapriya Thiyagarajan, Embedded Software Engineer, Aptiv (USA) were the members on the panel.

Department of Electronics and Instrumentation Engineering

- "Career Path after UG" by K. M. Krishna Hariharan, Program Analyst, CTS on 6th June 2020.

- 'Insights on Data Science for Engineers' by Mr Vijay Pravin Maharajan, Data Story Teller | TEDx Speaker | '40 under 40 Data Scientists' Awardee in India | Content Creator | Customer & Analytics Solutions Expert, Siemens, Germany on 13th June 2020.

- Smart Factory Automation with Digital Twin And Live Demonstration on Skill365" by Mr. Aravind Ramachandran, Senior Manager, Business Development, Marketing and Sales, MTLAB Technology Centre (P) Ltd. on 10th June 2020.

- "Practical Applications of AI and ML " by Mr. S. Balaji, Sr. Advanced Avionics System Engineer, Honeywell Technologies, Bangalore on 11th June 2020.

- "Managing Exam Stress" by Mr. Yuvaraj Ragunath Singh, JCI certified Soft skill trainer, Professor & Head, Department of Microbiology, M.G.R. College, Hosur on 28th November 2020.

- "Industry 4.0" by Mr. Anand, Senior Project Engineer, IPCS Automation on 28th November 2020.

Department of Electrical & Electronics Engineering

- "Relay Coordination and ARC Flash Study at Industries" by Mr. Anbuselvan Suburaman, Manager Chief Safety, Michelin (I) Pvt. Ltd on 2nd June 2020.

- "Opportunities in Electrical Industry post COVID Scenario" Mr. V Vijay Karthik, Lead Technical Support Specialist, GE T&D India Ltd. on 6th June 2020.

- "Introduction to Trending Electrical Design Software" Mr. S. Selvakumar Head- Engineering & Design, M/S POWER PROJECTS on 8th June 2020.

- "Modelling Origins in Science" by Dr Ramakrishna Pasumarthy, Associate Professor –EEE, IIT Madras on 11th June 2020.

- "Study Hacks to crack competitive exams for PG courses in India" by EEE Alumni, Mr B Prassanna Kumar (TANCET- State Third Rank Holder) and Ms D Sowmya (GATE & ANNA University Rank Holder) on 27th June 2020.

- "Cyber Security Issues in Digital Substations" on 12th September 2020.

- "Student Solar Ambassador" on 2nd October 2020.

- "Energy Perspectives and Energy Conservation" by Mr J Srinivasan, Energy Consultant, Energy Efficiency Services Ltd. (EESL), Ministry of Power, Govt. of India on 14th Dec 2020.

Department of Fashion Technology

- "Trade Mark Registration Process and its importance" on 1st June 2020.

- "Promising Careers in Fashion Technology" on 9th June 2020. Ms Yamini Shekar, Freelance Fashion Designer, Akshitha Vasuki, Designer ANVESHANA Clothing and Rudhra Venugopal, Managing Director, Maliboo were the resource persons.

- Dr. G. Mohamed Zakriya and Ms. Anitha Samuel, Members of Faculty of Fashion Technology, conducted a webinar on "Entrepreneurship and Branding Awareness" on 2nd December 2020.

- "Garment –Construction Techniques and machineries by Dr. V. Bhanu Rekha, HoD-FT , KCG College of Technology on 8th December 2020.

- "Apparel Merchandising and Export Documentation" on 9th December 2020. Mr.B.Saifudeen, Ex-IM Shipping Services, Coimbatore was the speaker.

- "Industrial Engineering" by Mr.Prakash, JUKI, Bengaluru on 9th December 2020.

- "Advances in Knit wear technology and fashion Designing" on 12th December 2020. Ms. Sangeetha Vinoth kumar, Technical Associate, AIC-NIFTTEA - Incubation center for Textiles and Apparel was the speaker.

- "Buying and Merchandising" on 12th December 2020. Mr.Kevin Roger A ,Buying and Merchandising Manager, Global Fashion UK Ltd. was the resource person.

- "Launching an Apparel Brand-the Basics"on 10th December 2020. Ms. Sanu Sara Thampy, Freelance Retail Trainer was the resource person.

- "Trends in Textile Printing" by Mr Kannav Arora, Managing Director, Print Perfection of India, New Delhi on 22nd December 2020.

Department of Information Technology

- "Future Challenges, Personality Development through Sahaja Yoga Meditation" by Mr. Subhopati Sanyal, COO - The Nistula Group and Mr. Sivakumar Veerappan - Founder and CEO -Anubavam Technologies Pvt. Ltd on 15th June 2020

- Four Day Game Development Workshop from 6th to 9th July 2020.

- The department of Information Technology in association with International Affairs Cell and Computer Society of India organized a webinar on Cloud Computing on 29th August 2020. Mr Sivva Kannan, Cyber Security Specialist, Accenture Chennai was the resource person.

Department of Mechanical Engineering

- "Energy Auditing and Employment Opportunities" on 1st June 2020. Dr. Dharmalingam, Former Director & Head - NPC, Director - Ensave Consultancy & Training Pvt. Ltd. was the resource person.

- "Key Organizational Activities - Explanation through TQM Practices" Mr Dilip Kumar, Deputy Manager, Product Manager, Rane Brake Linings on 8th June 2020.

- "Computational Fluid Dynamics - The answer to what why and How!" by Ms Somasree Roychowdhury, (PhD) IITM (KCG Alumna 2011 Batch), Research Scholar, Thermodynamics and Combustion lab, Department of Mechanical Engineering, Indian Institute of Technology, Chennai on 10th June 2020.

- "Biomedical Engineering - Prospectus and Opportunities" by Dr. A.Thirugnanam (KCG Alumnus 2003 Batch), Associate Professor and Head Department of Biotechnology & Medical Engineering, National Institute of Technology Rourkela, Odishaon 11th June 2020.

- "Robotics -Trends and Applications" by Dr. D Dinakaran Professor and Head Centre for Automation and Robotics, Hindustan Institute of Technology and Science on 15th June 2020.

- "Fuels And Combustion" by Dr. P. Dharmalingam, Former Director & Head NPC, Director, EnSave Consultancy and Training Pvt.Ltd. on 19th September 2020.

- "Boiler & its performance" on 3rd October 2020. Mr. T. Mathevan Pillai, Associate Professor, Hindustan Institute of Technology & Science (HITS), Former Deputy General Manager, Neyveli Lignite Corporation Ltd (NLC) was the resource person.

- Department of Mechanical Engineering arranged a session on "Introduction to Vibrations" on 3rd October 2020. Dr. Manoj Gupta, Associate Professor Department of Mechanical Engineering KCG College of Technology was the resource person.

- "5S Implementation in Work" by Mr K Viswanathan, Associate Professor, HITS on 10th October 2020.

Department of Science and Humanities

- "Life Skills" for first year students by MrSathya Narayanan, Associate Director, Cognizant Technologies on 19th November 2020

- 'Robotics' for first year students by Dr S Suresh Kumar, Associate Professor- Department of Mechanical Engineering on 26th December 2020

- Orientation Session on Multi disciplinary Projects was given by Dr. Satheesh Kumar, Assistant Professor, SSN College of Engineering on 26th December 2020

- Power and Future of AI - by Ms.N.Hemamalini (Alumnus) on 31st December 2020 for students of first year Artificial Intelligence and Digital Signaling

IEDC & TBI Activities

- An orientation session on Innovation and Entrepreneurship as Career Opportunity was organized for first year students on 21st December.

- An orientation session on National Innovation and Start-up Policy was organised for first year students on 22nd December.

- An orientation session on Intellectual Property Rights was organised for first year students on 28th December 2020.

Achievements by Faculty and Students

- The book titled "Natural Fiver Composites: Manufacturing, Characterization and Testing" by Dr G Mohamed Zakriya, Assistant Professor (Sl.Gr.II), Department of Fashion Technology was published by CRC Press, Taylor and Francis Group on 27th September 2020.

- Dr R Asad Ahamed, Associate Professor, Department of Aeronautical Engineering- awarded as one of the Top 50 Expert Faculties in the field of Electrical/Electronics/Civil/Mechanical & Aeronautical Engineering across India for the year 2019.

- Ganesh Vaidyaa of III Mechanical Engineering won the second runner-up title in Fusion 360 Design Challenge conducted by Centre for University - Industry Collaboration (CUIC), Anna University and powered by Autodesk during July 2020.

- Cinematography by Mr Puviraj by final year CSE student: THAGAR, a motivational film.

- CSE team of our college won the Runner Up title in the Smart India Hackathon 2020 and received aspecial mention as "The Team with Flawless Execution of Ideas".The team was greatly appreciated for its technical competency and excellent team work.

- KCG College is in the Top 100 teams in KPIT Sparkle 2021.Sparkle is an event by KPIT Technologies to promote budding entrepreneurs to the incubation system. Out of the 2716 entries made across India, project by Mr Suraj , Mr Ulaganathan and Mr Ravindra Kumar of III EEE was shortlisted.

- KCG students representing the Office of International Affairs of the college participated in the Virtual Social Business Students Forum - Role of Youth in Zeroing Poverty, Unemployment and

Net Carbon Emissions organized by Daffodil International University, Bangladesh on 25th and 26th November 2020.

- Students of EEE participated in IET CLN SMART CITY CHALLENGE 2020 and won prizes and internship with Nokia for their projects:

  ➤ Smart Electricity Metering - 2 nd Place - INR 15000 cash price

  ➤ Solar Powered Pottery for Better Organic Utensils - 3rd Place – INR 10000 cash price

- 300 first & second-year students attended the Microsoft AI Classroom program, an initiative with NASSCOM and supported by GitHub.

KCG
COLLEGE OF TECHNOLOGY
(A Unit of Hindustan Group of Institutions)

📱 **8668093937 / 7395959825**

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