KCG
COLLEGE OF TECHNOLOGY
(A Unit of Hindustan Group of Institutions)
Karapakkam, Chennai - 600 097

KCG 20
CELEBRATING TWO DECADES OF EXCELLENCE IN EMPOWERING YOUTH.

Proud Moment for KCGians

We are awarded A+ grade by National Accreditation and Assessment Council (NAAC) and have secured a CGPA of 3.4 out of 4.

Campus Buzz
(Jan- May 2019)

Series of Awards for KCG

Second Golden Star recognition from Ministry of Human Resource Development (MHRD) at the AICTE headquarters, New Delhi for submitting more than 15 entries in Smart India Hackathon (SIH)2019

Our Principal represented the college and received the Prime Time "Institution of the Year 2019 (Social Welfare) Award" from Mr. Brad Hogg, Australian Cricketer and Ms. Mugdha Godse, Bollywood actor

Two records - Guinness Record and Asian Record - on Child Safety were created when 4000 students from the various institutions of the Hindustan Group assembled on KCG campus. The occasion was graced by Dr Prateep Philip, IPS, Actors Nisha Ganesh and Ganesh Venkatraman, members of Friends of Police, Student Ambassadors of Child Safety . Their interactions made it an informative and interesting programme

MoUs Signed

An MoU was signed with X1 racing. X1 racing intends to introduce custom-made two-seater sports car racing league in India. This MoU will provide an opportunity for selected students to work in the engineering team of Xtreme1 Racing league in India.

An MoU was signed with Schwing Stetter (India) Private Limited with an objective to obtain support in enhancing the skill sets of Mechanical and Civil Engineering students

An MoU was signed with Virtusa Consulting Services Pvt. Ltd for Centre of Excellence in Java, on 1st March 2019

Centre of Excellence

KCG – BOSCH Centre of Excellence in Medical Electronics organised eye camps at three places in Chennai for the people from economically poor background. It was conducted at Kondithoppu, Jafferkhanpet and, Triplicane on 21st February, 23rd February and 17th March 2019 respectively. It is proposed to conduct research, in collaboration with medical experts from Shankar Nethralaya, on diabetic retinopathy by using the captured images of the patients.

India First Leadership Talk Series Live Telecast

India First Leadership Talk Series hosted by MHRD Innovative Cell were streamed live to the students by Institute's Innovative Cell (IIC).

- Mr. Anandh Mahindra, Chairman- Mahindra Group on 9th January 2019
- Ms.Shwetasree Majumder, Principal, Fidus Law Chamber on "IPR for Students and Faculty Members" on 10thJanuary, 2019.
- Ajit Doval, National Security Advisor to PM of India on "The Art of Decision Making" on 19th March 2019.
- Prof. Anil Sahasrabudhe, the Chairman AICTE on 22nd April 2019

IPA Workshop

A workshop on Intellectual Property Rights was organized by IIC on 10th January 2019. Dr S Prabhu Raj, Associate Professor-EEE, Dr P S Aravind Raj, Associate Professor- Civil Engineering, Dr R Gladwin Pradeep, Assistant Professor-Physics, were the resource persons.

CLUBS

MUN Club- Hindustan Young Leaders Conference

The flagship event Hindustan Young Leaders Conference was held from 25th to 27 th January 2019. The 7th mega edition drew 162 delegates from 41 institutions, and was graced by dignitaries like Mr Antony Lobo, Consul of Spain; Mr Somi Hazari, Former President of India-ASEAN-Sri Lanka Chamber of Commerce; Dr Abdul Ghani, Green Man of India and Dr Anand Jacob Verghese, Director and CEO, Hindustan Group of Institutions. More than one lakh cash prizes were awarded.

Civil Services Club – Invited Talk

An Interactive Session on "Civil Service as a Career" by Mr S Selvanagarathinam, IPS, Deputy Commissioner – Triplicane was arranged by Civil Services club on 25th February 2019.

KCG Toastmasters and Youthmasters Clubs

KCG Toastmasters and Youthmasters Clubs secured 9 out of 10 Distinguished Club Program (DCP) points and attained President Distinguished Status.

In the Area Contest- International Speech Contest and Table Topic Speech Contest – conducted at PayPal, 5 prizes out of 6 prizes were won by KCG Toastmasters and Youthmasters Clubs.

Quiz Club- National Inter Quiz Contest-Dublin Daly 2k19

KCG Quiz Club conducted a National Inter Quiz Contest-Dublin Daly 2k19 on 8th March 2019, wherein 51 teams from various parts of Tamilnadu participated. Quiz Master Mr Arvind Rajeev, Founder and CEO, xquizitchennai conducted the quiz.

Sports Club- Invited Talk

Mr. Hayden Rhodes, Head Coach for Team India, Stand Up Paddle gave a special lecture to our students.

KCG Women's Coding Club

KCG Women's Coding Club conducted a hands on workshop on PHP Programming on 16th February 2019.

KCG Women's Coding Club organized a Mini Hackathon for girl students on 9th March 2019.Ms Manimeglai and Ms Aswathy, System Engineers, Infosys Limited were the guests. 73 students participated in the event and designed a responsive website on the theme "Opening Coding Landscape to Women". Ms S Pavithra, Ms S Rammya, Ms Nasreen Banu of first year CSE bagged the first prize, Ms Lavanya, Ms Jahnavi, Ms Anu Abarna of I IT, the second and . Ms Fathima, Ms Arthy, Ms Dharaniof III IT the third.

Volunteering for Social Cause

Comcast Cares Day - Tree Plantation Drive

A Tree Plantation Drive was conducted on 2nd March 2019. 25 employees form Infosys Limited participated in the drive and a total of 31 saplings were planted

EWB Initiatives – Garments and Book Donation Drives

Garments Donation Drive was conducted on 2nd March 2019 and the garments collected were donated to the children of AnaikumKarangal, Ullagaram.

The staff and students of the college donated and collected books for setting up a library in the name of Dr Abdul Kalam at Kannagi Nagar. The library was opened on 26th March 2019.

Road Safety Awareness Program

The students along with traffic police conducted Road Safety awareness at Sholinganallur Junction on 9th February 2019.

Voting Awareness Campaign

Poster Making Contest and Signing Campaign on Voting Rights was conducted on 16th April 2019. Ms E Ramya, I ECE won the first prize in poster making contest, Mr M Saktrhivel and Ms Jeeva of I CSE won the second and third prize respectively. Our CEO and Director initiated the signing campaign with his signature, followed by all students and staff, promising to cast their votes and establish democracy.

Anti-Worm Medication

Under the aegis of NSS unit of the college, anti-worm medicine was distributed to the students on 8 th February 2019.

Placement Day

The Placement Day of the college was celebrated on 5th April 2019. Mr Dinesh K, Senior Manager-Employee Relations, Infosys Limited; MrKirthivasan S, Lead- India Campus Hiring, Virtusa Corporation; Mr Maheswar C, Project Manager- Campus Placement Head, Flextronics International Limited; Mr MadhuLakshmanan, Senior Manager- HR, Johnson Electric Holdings Limited; Mr Agni, Specialist- Innovative Management, Nokia Solutions and Networks India Pvt. Ltd.; Mr Gowri Balasubramanyam, Global Head Learning and Organizational Development , Hiduja Tech Limited were the special guests.

College Day

The Placement Day of the college was celebrated on 5th April 2019. Mr Dinesh K, Senior Manager-Employee Relations, Infosys Limited; MrKirthivasan S, Lead- India Campus Hiring, Virtusa Corporation; Mr Maheswar C, Project Manager- Campus Placement Head, Flextronics International Limited; Mr MadhuLakshmanan, Senior Manager- HR, Johnson Electric Holdings Limited; Mr Agni, Specialist- Innovative Management, Nokia Solutions and Networks India Pvt. Ltd.; Mr Gowri Balasubramanyam, Global Head Learning and Organizational Development , Hiduja Tech Limited were the special guests.

Sports Day

The 21st Annual Sports Meet was conducted on 9th March 2019. The staff and students participated in outdoor and indoor games and won prizes.

Republic Day

The 70th Republic Day was Celebrated in the campus by hoisting the tri-colour flag. The principal hoisted the flag and addressed the faculty and students who participated in the celebration.

Cultural Extravaganza

Zeppelin 2019, a cultural extravaganza was held on 16th March 2019 in Chennai. Mr. Govind Menon, Famed 96 Music Director along with his band Thaikkudam Bridge gave an electrifying performance.

Guest Lectures/ Technical Talks Conducted

The Office of International Affairs and the Department of Aeronautical Engineering jointly organized a technical talk for students of Aeronautical Engineering on 14th December 2018. Mr. Jonathan and Ms. Trinda from Flight Path International, Ontario, Canada were the resource persons.

Department of EEE organized a technical talk on "Artificial Transmission Line" on 23rd January 2019. Mr Abhishek Saxena and Mr P Dhinakaran, Assistant Managers from Business Development PRDC Bangalore were the resource persons.

International Seminar on Wind Turbines conducted at KCG College of Technology on 19th Jan 2019. Mr. Eize De Vries, Technology and Market Trends Consultant has delivered an interesting speech on Wind Turbines. It's been a great exposure to students on "Off-Shore & On-Shore Large Scale Wind Turbine".

A Guest lecture on Control of Single Phase Voltage Source Converter with Zero Steady State Error was organized by department of EEE on 12th April 2019. Dr.SakdaSomkun, Professor,School of Smart Grid and Renewable Energy Technology,Naresuan University, Thailand was the guest speaker.

State Level Project Competition

The department of Mechanical Engineering conducted a State Level Project Competition for the polytechnic students on 2nd March 2019. A total of 60 students belonging to Auto, CSE, IT, Mech, ECE, EEE, E&I, Civil and Fashion departments of various polytechnic colleges participated and displayed their projects. Three best projects from each department and one overall best project were identified and the students were given cash awards. The prizes were distributed by Dr M Arularasu, Additional Director of Technical Education, DOTE, Chennai during the valedictory function.

Seminars and Symposia Organized

EMFISIS2K19, a National Level Technical Symposium was organized by the Department of EEE on 1st February 2019. 470 students from collegesin and around Chennai participated in the symposium. Dr RamanGanesan, Branch Manager- LEGRAND was the chief guest for the inaugural function.

National Seminar on "Artificial Intelligence in Construction" was organised by Department of Civil Engineering on 11th April 2019. Dr B Sivarama Sarma, Head R & D, L & T Construction, Chennai was the Chief Guest. Mr Rohith Nathan Rajagopal IPS, Railways Chennai was the Guest of Honour. Dr G P Ganapathy, Professor, VIT, Vellore, Mr Sekar Kumbeswara, Director, Sybrant Technologies Pvt. Ltd., Mr KPadhmanaban, CEO, StratnelTechnoligies Ltd., Bengaluru, Mr Srinivasan Sundarrajan, Technical Advisor, GAVS Technologies, Chennai, Mr M Ravichandran. CEO and Founder, Terafast Networks Pvt. Ltd were the resource persons.

Industry Institute Interaction

- Dr. P. DeivaSundari, Associate Dean and Professor-EEE interacted with Mr R Dinesh, TVS Logistics Services Ltd, Vishal Dhupar, NVIDIA, Mr Kishore Balaji, Intel, Mr J Kesavardhanan, K7 Computing, Ms Seema P Kumar, IBM India, Mr Lakshmi Narayanan, ICT Academy during ICT Academy BRIDGE Conference themed "Fostering India for Industry 4.0" at Hotel Le Royal Meridien, Chennai on 31st January 2019.
- Dr. T. Anuradha, Professor and Head, Department of EEE participated in a Conference on Automotive R&D Trends – 11thEdition with the theme "Automotive Mega Trends – R&D Challenges"at Hotel Hilton,Chennai on 8th March 2019 and interacted with the experts viz., Dr ArunJaura, Managing Director, Michelin India Technology Center LLP, Ms Swarna Ramesh, Additional Director (Robotics) & Scientist 'G', CVRDE, Ministry of Defence, Government of India, Mr Vikram Gulati, Vice President & Country Head, Toyota Kirloskar Motor Pvt. Ltd, Mr Deepangshu Dev Sarmah, Editor-in-Chief at Auto Tech Review & Head ofProfessional Publishing (B2B) Springer Nature India, Dr Sajid Mubashir, Scientist G, Department of Science & Technology & Member-secretary, DHI-DST Technology Platform for Electric Mobility (TPEM), Government of India, Dr Bhaskar Ramamurthi, Director, IIT-Madras.
- MsJitha Varghese and Mr V Subramaniyan, members of faculty-EEE had an interaction with Mr Vijay Karthik ,General Electric during Hands – on Training on Distance Protection Relay on18th March 2019.
- Dr G Sambandan, Advisor and Prof. K Karthikeyan participated in Technologist Industrialist Meet & Expo (TIME-2019) at CSIR Madras Complex, Taramani and interacted Prof. G S Ayyappan, Principal Scientist CSIR-CSIO Chennai Centre CSIR Madras Complex, Taramani and Mr A Murugesan, Founder Chairman Teckxpert Knowledge Foundation, Bangalore on 26th April 2019.

Paper Publications

- Ms Jitha Varghese, Assistant Professor-EEE has published a paper titled "InductivePower Transfer for Massive Electric Vehicle Charging by Single PhaseInverter" in International Journal of Advance Research, Ideas and Innovations in Technology, Volume 5, Issue 1, ISSN: 2454-132X Impact factor: 4.295.
- Mr S Balaji, Assistant Professor-EEEhas published a paper titled "Improving the Power Quality using Modular Multilevel Converter with Reduced Number of Switches" in International Journal of Advance research,ideas and innovations in Technology, Volume 5, Issue 1, ISSN: 2454-132X Impact factor: 4.295.
- Dr J Frank Vijay, Professor and Head, Department of Information Technology has published a paper titled "Cloud Data Analysis Using a Genetic Algorithm-Based Job Scheduling Process" in Wiley- Expert Systems, Volume 1, Issue I, Pp.1-9, Annexure I.
- Dr J Frank Vijay, Professor and Head, Department of Information Technology has published a paper titled "Knowledge Based Non-functional Software Distinguishing Quality Effort Estimation using Fuzzy Use Case Point Approach.
- Dr N Bharathi, Professor and Head- EIE & Ms N Sivakamasundari, Assistant Professor-EIE have published a paper titled "Understanding the characteristic of nano mineral oil under oscillatory impulse voltage" in International journal of Electrical Engineering Education, Feb 2019.
- Dr Deepa Jose, Head-Research Countermeasure to protect sensitive information stealthily in remote interchanges using steganography in educational environmentsThe International Journal of Electrical Engineering & Education5 February 2019.
- Ms Linu Sam, Assistant Professor and Dr R Amrutha, Associate Professor, Department of Physics have published a paper titled "Computational Analysis of Oleic acid" in International Journal of Research & Reviews, Feb 2019.
- Ms G Ishwarya, Assistant Professor, Department of Mathematics has published a paper titled "A new univariate max policy of recruitment in a two graded manpower system with different epochs for decisions and exists" in the International Journal of Engineering, Science & Mathematics, Feb 2019.
- Ms S Tamilselvi, Assistant Professor, Department of Physics has published a paper titled "Chaotic Analysis for the atmospheric air pollutants using R statistical software" in UGC Journal of Applied Science and Computation, Feb 2019.
- Dr N Vanathi, Assistant Professor (Sl.Gr.), Department of Mathematics has published a paper titled "Angular Based cheetan chase algorithm for shortest path optimization" in International journal of Innovation in Engineering & Technology, Feb 2019.
- Dr.R.Amrutha, Associate Professor of Physics "Charpy Test on Stee" in the International Journal of Scientific Research and review(UGC), March 2019.
- Dr.M.Geethalakshmi, Assistant Professor, Department of Mathematics has published a paper titled "Trident Form using Pentagonal Fuzzy number" in International journal of New Innovations in Engg & Tech., April 2019.
- Dr.M.Geethalakshmi, Assistant Professor, Department of Mathematics has published a paper titled "Synchronization of a Square Fuzzy Transition Probability Relation Matrix using MATLAB" in International Journal of Innovative Technology and Exploring Engineering, April 2019.

Achievements

Faculty

- Mr S Gowtham, Mr K Karthikeyan and Ms M Shanmugapriya, members of faculty- EEE, were recognized for fostering an ecosystem bridging Government, Industry and Academia.
- Dr Prabhuraj, Mr Arvin Tony. A and Ms. Jitha Varghese, members of faculty- EEE, received Best Mentor Award during the College Day Celebrations for their contribution towards Mini Project Challenge .
- The Department of EEE received Best Department Award for the fourth consecutive year for their commendable contributions in curricular, co-curricular and extra-curricular activities.

Students

- Our students Mr S Arul Inigo, Mr S Balasurya, Mr R Agasthya, Mr Joseph George, Mr T Bevin, Mr Abraham, Mr Arjun Jayaprakash of Department of Mechanical Engineering have developed a remote-controlled all-terrain electric vehicle that can perform various farming activities and can be a replacement to tractors. The project was presented by them at the Carbon Zero Challenge (CZC) Exhibition on 5th June 2019.
- Our Students Mr Yuvan Shankar C, Mr Arut Selvan S, Mr Nitheesh Kumar S (Team 1 from Dept. of EEE) and Mr Sathish Kumar M, Mr Achyut N and Mr Dinesh Kumar K (Team 2 from 1st

Year) have won the Digital Round in NUMERO YONO - Quiz Contest organised by SBI in association with The Hindu.

- The students of Mechanical Engineering secured 7th Rank in INDIA and 2nd in TAMILNADU in ISNEE Go Kart 2019.

- Ms E Dharini of IV Year EEE was awarded Breaking the Barrier Award, an award instituted to recognize first graduate students, during College Day Celebrations.
- Mr G Sreenath and Mr S Naveen Kumar of IV Year EEE received Young Leader Award during College Day Celebrations.
- Mr M Balamurali M of IV Year EEE was recognized with an award during College Day celebrations for his active participation in IQAC.
- Mr Amitpothina and Mr Elhan Mathew of final year Mechanical Engineering won Mahindra Auto Quiz Competition.

- Ms Vijaya Bharathi from II Year EEE has won II Prize (Silver Medal) in Contingent Drill organised by Alpha College of Arts & Science, Chennai.
- Mr Abishek Kumar, Mr Elavarasan, Mr Arut Selvan, Mr Hareesh Rajan and Mr Akash S from II Year EEE won II prize in Make-A-thon'19 organised by VIT, Chennai.
- Mr Nitin Nair from II Year won I Prizes (Gold Medal) in Maitrayi conducted at D.G.Vaishnav College, Chennai and won I Prize (Gold Medal) in Best Cadet Competition at Alpha College of Arts & Science, Chennai.
- Ms Jayashree R of final year and Mr Jacob Paul of III ECE won IEEE - SS12 Student Innovator Award.
- The students of Department of IT participated in the 6-Hour Hackathon Coding Competition, an event in the National Level Technical Symposium, organized by Department of CSE. Mr N RoshanShahul ,Mr Josh Sathyajith A, Mr A BezaleelSamraj of third year won First place and received a cash prize Rs. 10000. Fazlul Kareem S, Balaji V, Arunachalam P L of second year won the second place and received cash prize of Rs. 5000.
- The students of Department of Mechanical Engineering won third place for their project "Fabrication of Solar Powered Wireless Cleaning Machine" in the PALS InnoWAH Innovation Challenge 2018-19.

- The students of Department of IT won the 1st and 2nd positions in the KCG Hackathon conducted on 1st March 2019 on the theme "AI in Learning and Teaching". The project that was ranked first was about Developing IoS App using Augmented Reality to identify objects and the Second Prize winning project was about developing a Chatbot using machine learning to draw shapes.

- LEXI CHECK - A learning module for dyslexic children developed by student team of ECE was awarded third place by ICT Academy in the Youth Innovation Summit 2019.

- Mr Infant Sam of final year CSE bagged the first place in ICT Academy - Youth Innovation Summit 2019.
- Our final year CSE Student Mr.Infant Sam won first place in the event HackAR which is an Augmented Reality based Hackathon / Idea Presentation contest jointly conducted by IIT Bhubaneswar and STPI Bhubaneswar. A Cash prize of 50 Thousand Rupees was awarded.

Continuous Professional Development

- Dr Albert P Rayan, Professor of English and Head, Higher Education attended Board of Studies meeting as a member on 31 st May 2018.
- Dr. P. DeivaSundari, Associate Dean, delivered an introductory session on "Women in Technology Initiative" at Global Infocity, Kandancavadi, Perungudi, Chennai on 12th February 2019.
- Dr Albert P Rayan, Professor of English and Head, Higher Education and Dr R Jaya, Associate Professor of English, as special invitees, took part in a professional development meeting organized by the Chennai Chapter of the English Language Teachers' Association of India on 4th April 2019. The meeting was organized to discuss the project of mentoring student-trainers to teach English to the disadvantaged.
- Dr Albert P Rayan, Professor of English and Head, Higher Education served as a resource person at a national workshop on 'Emerging Trends in Teaching ELT' and conducted three sessions on English Language Teaching. The workshop was organized by Bapatla Engineering College (Autonomous), Bapatla, Andhra Pradesh on 23rd and 24th March 2019.
- Dr Albert P Rayan, Professor of English and Head, Higher Education conducted a 4-hour workshop on 'Content Writing' for the UG III year students of Digital Journalism, KaushalKendra, Loyola College, Chennai on 12th January 2019.
- Dr Albert P Rayan, Professor of English and Head, Higher Education conducted a workshop on creative writing on 9th January 2019.. The program was organized by the post-graduate and research department of English, Ethiraj College for Women in association with Chennai Literary Festival.

Funded Projects

- Dr P DeivaSundari and Mr S Gowtham successfully completed the Project on titled "High Gain non isolated step up DC-DC converter for based CSI fed air-vehicle Environment control system (ECS)" funded by IEI.

- Mr R Selvam successfully completed the Project titled "Vertical axis wind power generation for highway lightings and traffic signals" funded by TNSCST.

- Dr P DeivaSundari, Ms K Ramya and Mr R Selvam have received a grant of 1Lakh from DHR-ICMR to conduct a 5 day workshop on "Emerging Trends in Wearable Sensor for Health Care Applications".

- Dr Albert P Rayan, Professor and Head, Higher Education has received a grant of 633000 from AICTE for the project " Preparing SC/ST students for Higher Education".

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