CAMPUS
DIARY

EDITORS' NOTE

Dear Reader

Success is not an accident. Our continuous efforts with a vision to provide quality technical education has enabled us to carve a niche at national level.

We continue to keep up with the recent trends and invite experts across the world to educate our students on the recent developments in science and technology.

We celebrate significant days and this month we celebrated our chairperson's birthday in a meaningful way.

This issue highlights our accomplishments and our activities directed towards providing holistic education.

Happy Reading!

EDITORS

Dr. R. Jaya
Associate Professor,
Department of English

Ms. Tephilla Joice P
Assistant Professor,
Department of Mathematics

Confederation of Indian Industry

AICTE-CII Survey of Industry Linked Technical Institutes 2021

The Legacy of Excellence Continues

KCG Tech awarded Best Industry Linked Institute in the
AICTE - CII Industry Linked Survey 2021 in three categories.

| Computer / IT & Allied Engineering | Electrical & Allied Engineering | Electronics & Allied Engineering |

KCG Tech has been awarded the Best Industry Linked Institute Award for Computer & Allied Engineering Category (CSE, IT & AI&DS), Electrical & Allied Engineering Category (EEE) and Electronics & Allied Engineering Category (ECE) at the prestigious **AICTE-CII Survey of Industry Linked Technical Institutes 2021.** KCG Tech is one amongst the 2 institutes from Tamilnadu to win the award for the year 2021. Electrical & Allied Engineering Category having won the award for the third time, the Department of EEE has been recognised as a Mentor from this academic year onwards.

DATAQUEST

DATAQUEST EMPLOYABILITY INDEX RANKING 2022

T-School Employability Ranking 2022
The overall Top 100 (government and private institutes)

INSTITUTE NAME	CITY	RANKING
International Institute of Information Technology	Hyderabad	1
Indraprastha Institute of Information Technology	Delhi	2
Netaji Subhas University of Technology	Delhi	3
Indian Institute of Technology, Bhubaneswar	Bhubaneswar	4
Amity School of Engineering & Technology, Lucknow	Lucknow	5
Maulana Abul Kalam Azad University of Technology	Haringhata	6
Amity School of Engineering and Technology, Mumbai	Mumbai	7
Motilal Nehru National Institute of Technology Allahabad	Prayagraj	8
Bharati Vidyapeeth College of Engineering	Pune	9
Chandigarh Engineering College	Mohali	10
Sri Sairam College of Engineering	Anekal	11
Chitkara University Institute of Engineering and Technology	Patiala	12*
Army Institute of Technology	Pune	12*
Rajalakshmi Engineering College	Chennai	13
Maharaja Agrasen Institute of Technology	Delhi	14
K C G College of Technology	Chennai	15
Bannari Amman Institute of Technology	Sathyamangalam	16
College of Engineering Pune	Pune	17
Rungta College of Engineering & Technology	Bhilai	18
B.S. Abdur Rahman Crescent Institute of Science and Technology	Chennai	19
Maharaja Surajmal Institute of Technology	Delhi	20
Panimalar Engineering College	Chennai	21
Gandhi Institute for Education and Technology	Khordha	22
Chaitanya Bharathi Institute of Technology	Hyderabad	23
M. Kumarasamy College of Engineering	Karur	24
R.M.K. Engineering College	Thiruvallur	25
G.Pulla Reddy Engineering College (Autonomous)	Kurnool	26
G M R Institute of Technology	Rajam	27
Kamaraj College of Engineering and Technology	Virudhunagar	28
Anurag University	Hyderabad	29
Velagapudi Ramakrishna Siddhartha Engineering College	Vijayawada	30
VNR Vignana Jyothi Institute of Engineering and Technology	Hyderabad	31
Gandhi Engineering College	Bhubaneswar	32
GITA Bhubaneswar	Bhubaneswar	33

North

INSTITUTE	CITY	RANK
Indraprastha Institute of Information Technology	Delhi	1
Netaji Subhas University of Technology	Delhi	2
Amity School of Engineering & Technology, Lucknow	Lucknow	3
Motilal Nehru National Institute of Technology Allahabad	Prayagraj	4
Chandigarh Engineering College	Mohali	5
Chitkara University Institute of Engineering and Technology	Patiala	6
Maharaja Agrasen Institute of Technology	Delhi	7
Maharaja Surajmal Institute of Technology	Delhi	8
Dr. B R Ambedkar National Institute of Technology	Jalandhar	9
Faculty of Engineering- T M U Moradabad	Moradabad	10

South

INSTITUTE	CITY	RANK
International Institute of Information Technology	Hyderabad	1
Sri Sairam College of Engineering	Anekal	2
Rajalakshmi Engineering College	Chennai	3
K C G College of Technology	Chennai	4
Bannari Amman Institute of Technology	Sathyamangalam	5
B.S. Abdur Rahman Crescent Institute of Science and Technology	Chennai	6
Panimalar Engineering College	Chennai	7
Chaitanya Bharathi Institute of Technology	Hyderabad	8
M. Kumarasamy College of Engineering	Karur	9
R.M.K. Engineering College	Thiruvallur	10

Source: DQ-CMR T-School Employability Index 2022

KCG Tech has secured rank of overall 15th among government and private colleges, 9th among private colleges and 4th among South Zone in the T-School Employability Ranking Survey conducted by Data Quest.

Department of Aeronautical & Aerospace Engineering

GATE Examination: A LIFE CHANGER

An Awareness Program on GATE Examination was organised on 24th September 2022. KCG Tech Alumna, **Ms. Debanjali Dey,** Software Engineer, Dassault Systémes was the speaker.

Department of Artificial Intelligence and Data Science

Guest Lecture on

DATA VISUALIZATION USING MATPLOTLIB

A Guest Lecture on **Data Visualization Using MATPLOTLIB** was organised on 23rd September 2022. **Mr. Vijaykumar**, Senior Data Scientist, PayPal Inc. led the session and guided the students through the finer points of data visualization.
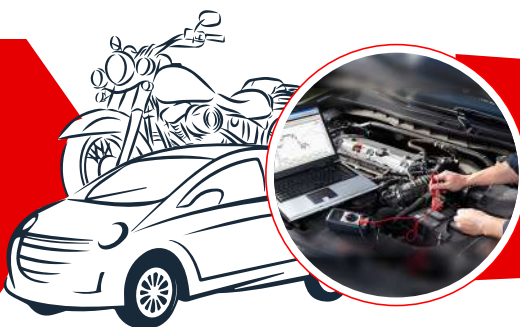
Department of Automobile Engineering

NEURAL CHECK

Vehicle Diagnostics Workshop

Neural Check- a Vehicle Diagnostic workshop was organised on 10th September 2022. **Mr Mathavan** and **Mr Britto Sebastiraj,** Assistant Professors, Department of Automobile Engineering, KCG Tech were the resource persons. Students from colleges across the state participated in the workshop.

AUTO VAPS
VALUE ADDED PROGRAM

Two Wheeler Skill Development Training

On 17th September 2022, the Department of Automobile Engineering conducted a Value Added Programme on Two Wheeler Skill Development Training. A total of 35 students from the department participated in the programme. **Mr Britto Sebastiraj,** Assistant Professor, Department of Automobile Engineering, KCG Tech was the resource person.

AUTO VAPS
VALUE ADDED PROGRAM

**Skill Development Training
in Car Driving - Simulator**

On 24th September 2022, the Department of Automobile Engineering conducted a Value Added Programme on Skill Development Training in Car Driving - Simulator. A total of 25 students from the department participated in the programme.

Department of Civil Engineering

HANDS ON TRAINING

SURVEYING WITH TOTAL STATIONS

A hands on training on Surveying with Total Station was conducted on 28th September 2022. Civil Engineering students from HIET Polytechnic College and KCG Tech attended the workshop. The training focused on measuring distance, horizontal & vertical angle and finding an Area of given coordinates using Electronic Distance Measuring (EDM) Device.

Department of Information Technology

Awareness on

SOFTWARE TESTING TOOLS & JOB OPPORTUNITIES

A awareness session on Software Testing Tools & Job Opportunities was organised on 24th September 2022. **Ms. Stephy Anna Varughese,** Automation Engineer, GAVS Technologies was the resource person.

Seminar on

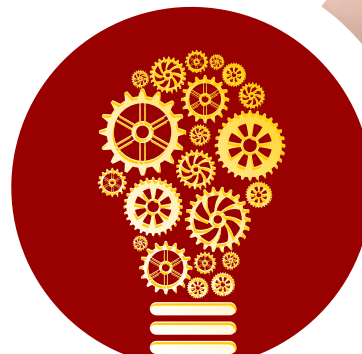## CRAFTING YOUR CAREER AT SUPPLY CHAIN MANAGEMENT

A seminar on Crafting Your Career at Supply Chain Management was organised on 29th September 2022. **Mr. Sathya Narayanan**, Associate Director, Cognizant, UK was the resource person.

Department of Mechanical Engineering

One Day Workshop On
Digital Technologies for
INTELLIGENT PRODUCTS
on 23rd September 2022

Resource Person	Title	Time
Dr. S. Anand Kumar, Ph.D IIT - Jammu.	Digital Manufacturing with 3D Printing	09:00 AM to 10:30 PM
Dr. S. Guru Prasad, Ph.D Industry Expert - ML.	Foundations of Machine Learning	10:40 AM to 11:40 AM
Dr. N. Arunachalam, Ph.D IIT Madras.	Digital Twin	2:00 PM to 3:00 PM
Shri. Thangadurai Muthusamy Principal Architect, Redhat Automation for Cloud, Bangalore.	Automation Tools	3:15 PM to 4:15 PM

One Day Workshop on Digital Technologies for Intelligent Products was conducted on 23rd September 2022. A panel of eminent experts from the fields of Automation, Machine Learning & Digital Manufacturing gave invaluable insights into the rapidly developing fields of AI and Automation.

Design Now Workshop

Design Now Workshop hosted by the college was conducted by ICT Academy in collaboration with Autodesk on 24th September 2022. Students from the Mechanical & Allied Departments were given training on Fusion 360.

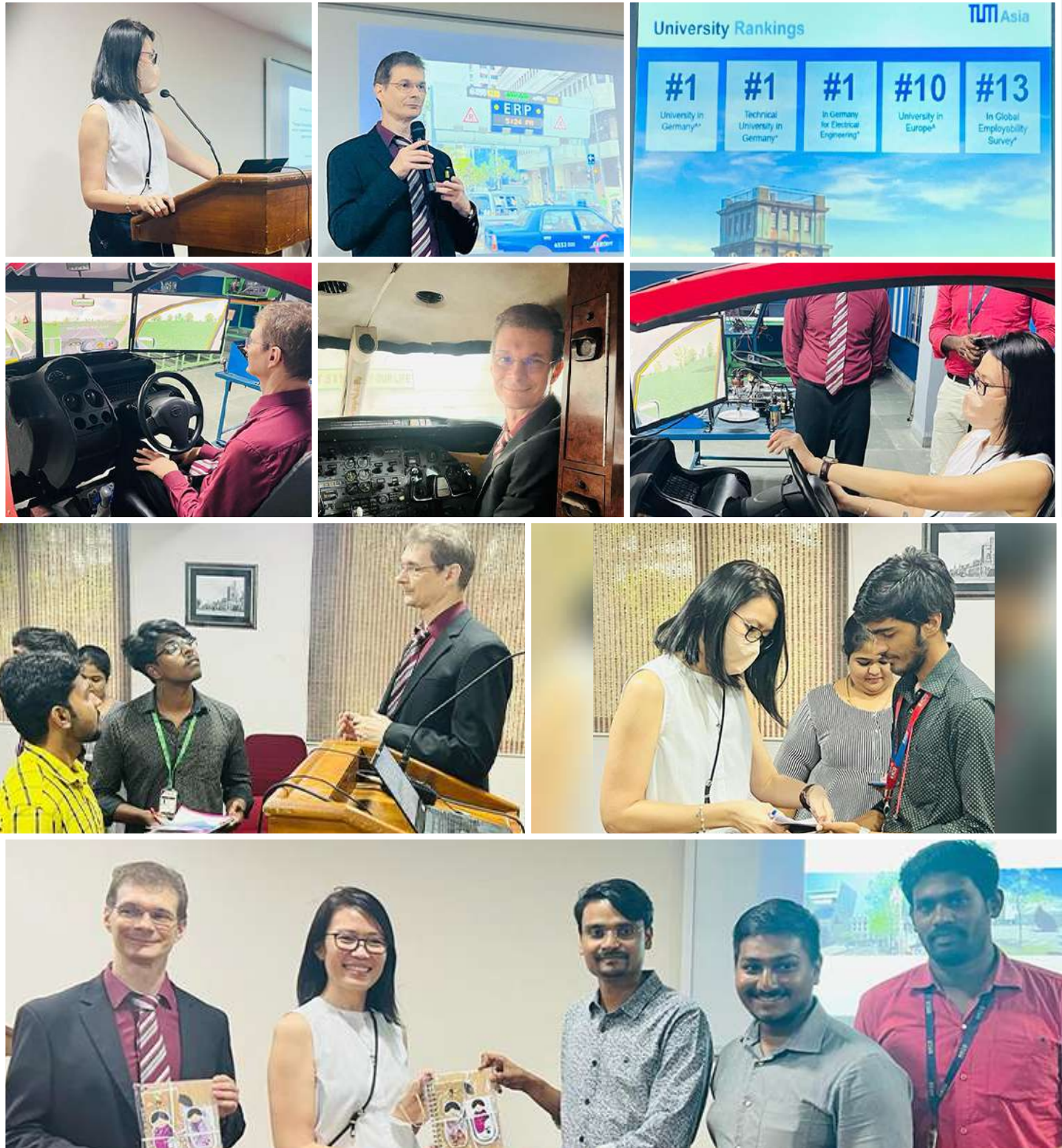# Department of Mechatronics Engineering

Webinar on

Electric Motors and Drives

for Robots

Chennai, Tamil Nadu, India
Main Building, KCG COLLEGE OF TECHNOLOGY,
Karapakkam, Chennai, Tamil Nadu 600097, India
Lat 12.921445°
Long 80.24042°
24/09/22 11:02 AM GMT +05:30

A webinar on Electric Motors and Drivers for Robots was conducted on 24th September 2022. **Dr. Sundaram. M,** Associate Professor, PSG College of Technology was the resource person.
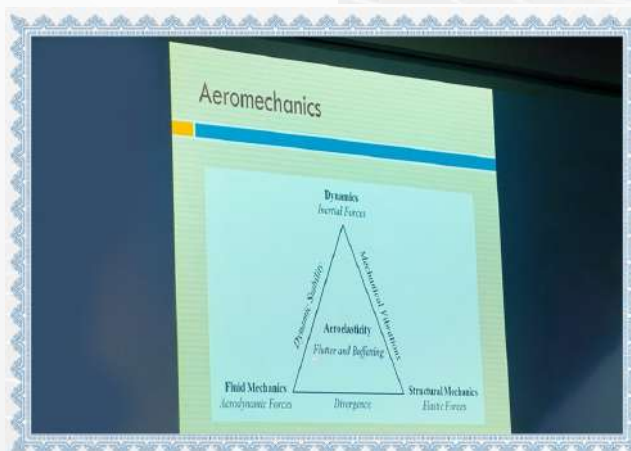
Office of Student Affairs & International Students Services (OASIS)

Transport Demand Management

Professor **Dr. Ing. Andreas Rau** and **Ms. Lenny Christina** from TUM Asia, Singapore addressed the students of Departments of Automobile Engineering and Civil Engineering on the key aspects of Transport Demand Management, particularly on making transport systems more efficient by reducing traffic congestion, on 1st September 2022.

Aeromechanics and its Applications

Mr. T. Janakiraman, Senior Engineer, Aerodynamic Design of Turbomachinery, Scania R&D, Sweden addressed the students from Departments of Aeronautical, Aerospace and Automobile Engineering on Aeromechanics and its Applications on 1st September 2022.

Preparation Techniques for
GRE & GATE Exam

Students aspiring to pursue Masters in Engineering or Doctoral Degrees in Science in the best engineering colleges across India and around the world attended workshops on preparation techniques for the GRE and GATE entrance exams on 17th September 2022. Students were given valuable insight into the preparation process to succeed in these highly competitive examinations and gain admission into the university of their choice.

Technical Collaboration & Knowledge Exchange

The Technical Collaboration & Knowledge Exchange Programme was organized by the Office of Students Affairs and International Student Services on 23rd September 2022. Visiting professors **Dr. Peter Koenig** and **Dr. Karl Hofmann-von Kap-herr** toured the campus and interacted with the students. Students presented their winning projects. This technical collaboration aims at providing an unique opportunity for students to gain knowledge of the latest global technical advancements and learn from leading minds around the world.

Centre for Transformational Leadership
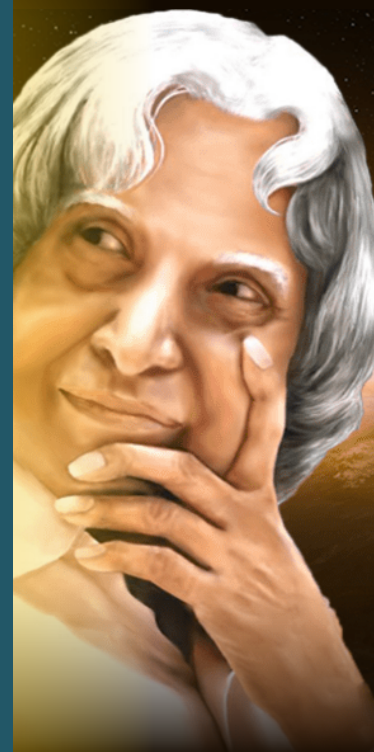## BRAINSTORMING TO IDEATE

The Centre for Transformational Leadership (CTL) conducted a workshop on Design Thinking on 17th September 2022. The resource persons **Dr. Anita Manuel,** Dean, Students Affairs and **Dr. Swati Saxena,** Asst. Professor, CSE Department, KCG College of Technology led the session. This interactive session inspired students to learn about the exponentially growing field Design Thinking.

Another session Brainstorming to Ideate as part of Design Thinking Series, led by **Dr Anita Manuel,** Dean-Student Affairs was conducted on 23rd September 2022. The students worked together in teams to come up with innovative ideas and presented them with full enthusiasm.

Workshop on
RESEARCH METHODOLOGY & TECHNICAL WRITING

Participants: **Students joining in the international projects**

- **Types of research paper**
- (Original research, review, short communication, technical note, comments, etc.,)
- **Structure of a research paper**
- (Abstract, introduction, experimental/theoretical, results and discussion, conclusion and references)
- **Manuscript preparation procedures**

- **Online submission systems**
- **Methods and models**
- **Analysis and empirical results**
- **Limitations**
- **Reference formatting**
- **Scope for future research**
- **Types of journals**
- **H-index**

- **i10-index**
- **Scopus citation index**
- **Google scholar citations**
- **Impact factor**
- **Review processing**
- **Demo on paper submission and paper review process**

A workshop on Research Methodology & Technical Writing was conducted on 24th September 2022. Students set to join international projects were provided with detailed information on preparing, presenting and submitting their research papers. **Dr. Deepa Jose**, Professor & Head Research, KCG College of Technology and **Dr. A R S Jayanth,** Faculty of English, Department of Applied Science & Humanities, Anna University were the resource persons.

KCG Skill Development Centre

Hero SDC Placement Drive

Placement Drive for the first batch of students trained under Hero Skill Development Centre of the college was conducted on 6th September 2022. The drive was a great success as all the students who got trained under SDC got selected.
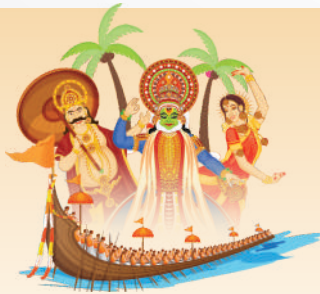
Industrial Visit

@ Ashok Leyland Limited, Hosur

50 students from the Department of Automobile Engineering visited Ashok Leyland Limited, Hosur on 28th September 2022. They gained practical knowledge on assembling trucks.

Teachers' Day Celebration

Teachers Day was celebrated on campus in advance on 2nd September 2022. The Chairperson **Dr. Elizabeth Verghese** and **Mr. Enid Verghese Jacob,** Deputy Director, HGI felicitated the teachers mentioning their contribution towards students bringing in laurels to the institution. The students also paid their tribute to the teachers.

Onam CELEBRATION

Onam, the festival of Kerala, was celebrated on campus on 2nd September 2022. The campus looked festive with students and faculty clad in traditional Kerala clothing. The Onam celebration was graced by the presence of the Chairperson **Dr. Elizabeth Verghese** and **Mr. Enid Verghese Jacob,** Deputy Director, HGI. Amidst the cultural programmes, the Kerala art forms Thiruvathira and Chendamelam caught the attention of the audience.
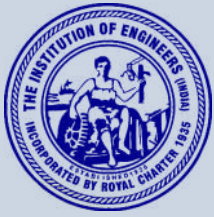
ENGINEER'S DAY

Seminar on

BEGINNING YOUR PROFESSIONAL JOURNEY TOWARDS ENTREPRENEURSHIP

On account of Engineer's Day an informative talk on Beginning Your Professional Journey by **Mrs. Rajani Seshadri,** Founder Director indePenn Connections & Former Vice President, TCS was arranged on 15th September 2022. **Mrs. Seshadri** provided valuable insight into achieving professional success and gave a clear road map for the students to understand their goals, focus on them and accelerate their career.

Department of Mechanical Engineering

ENGINEER'S DAY

Celebrations

Lecture on
INNOVATIONS IN SMART MANUFACTURING

Department of Mechanical Engineering organized a Guest Lecture on Pillars of Smart Manufacturing on 16th September, celebrating Engineers Day. **Dr. G. L. Samuel,** Professor, IIT Madras addressed the students and talked about the 10 pillars of Smart Manufacturing such as Additive Manufacturing, Artificial Intelligence, Autonomous Robots, Big Data Analytics, Cloud Computing, Cyber Security, Industrial Internet of Things (IIoT), Augmented Reality, Simulation and Virtual Reality. Students of Mechanical Engineering, Automobile Engineering and Mechatronics Engineering attended the event and also shared their experience of winning the Supra SAE Challenge and participating in other projects as well.

Chairperson's Birthday

The staff and students of KCG Tech have been celebrating the birthday of the Chairperson, **Dr. Elizabeth Verghese,** from 24th September 2022. They have been adding meaning to the celebration by organising events of societal and global values.

Feeding the Underprivileged

The Staff, and students of KCG Tech in association with Y's Men International, Y's Service Club of Chennai, Karapakkam and YMC of KCG College Youth provided meals to underprivileged children on account of Chairperson's birthday, on 24th September 2022.

HILL WALK

@ Tirusulam

Hill Walk was organized by KCG Tech in association with Y's Service Club of Karapakkam, Chennai and YMC of KCG College Youth on 24th September 2022. The event, a part of Chairperson's birthday celebrations, is an initiative to emphasize the importance of physical fitness and green environment among students. The students walked to the summit of the Tirusulam hill and enjoyed the vigorous morning of spirited exercise and panoramic view

HERITAGE WALK

George Town

The First Settlement of Madras

As a part of Chairperson's birthday celebrations, Heritage Walk was organised exclusively for the other state students of KCG College of Technology on 28th September 2022. The walk, organised by Madras Inherited, started at 6.30am at the Dare House and ended at 8.30 am at the GT Court. The students visited places like Anderson Church, YMIA building, Armenian Church, Shaw Wallace Building, etc. The walk intrigued the students about the rich and varied past of the city of Chennai. They also learned the evolution of George Town from colonial origins to becoming the city's central business district, and the architecture of this multi-cultural neighbourhood.

Workshop on
WEB DEVELOPMENT

Women's **C**ODING **C**ub

Women's Coding Club of the college paid its tribute to the Chairperson- the woman engineer- on her birthday by organising a Workshop on Web Development. **Mr. Keshav. M**, Senior Software Engineer, Infiniti Software Solutions was the speaker.

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

WORLD SUICIDE PREVENTION DAY

10th September 2022

Run for a Cause

Suicide Prevention Run 2022 was organized by the college in association with Y's Service Club of Chennai Karapakkam and YMC of KCG College Youth on 10th September 2022. The event witnessed people from different walks of life participating in 5 Kms, 10 Kms and 15 Kms runs and winning trophies.

The students of KCG Tech participated in the Coastal Clean-up Drive organized on 17th September, 2022 in association with Y's Service Club of Chennai Karapakkam and YMC of KCG College Youth. The students with complete dedication and enthusiasm, cleared litters from a portion of the beach and helped in spreading awareness about the importance of keeping our coasts clean.

Coastal Cleanup Drive

KCG Youthmasters Toastmasters Club

150th Milestone Meeting

The KCG Youthmasters Toastmasters Club conducted the 150th milestone meeting on 17th September, 2022. This momentous milestone meeting was attended by **TM Gopinath**, Area Director of the Club and members from a few community and corporate clubs.

Civil Services Club

TOPPER'S TALK
SERIES #14

STRATEGIES FOR SUCCESS- CRACKING THE UPSC EXAMINATIONS

Series 14 of Topper's Talk was organised on 18th September 2022 with distinguished Speaker **Mr. J. S. Mohammed Ashraf**, IAAS, Deputy Accountant General, Office of the Accountant General (Audit II), Tamil Nadu & Puduchery.
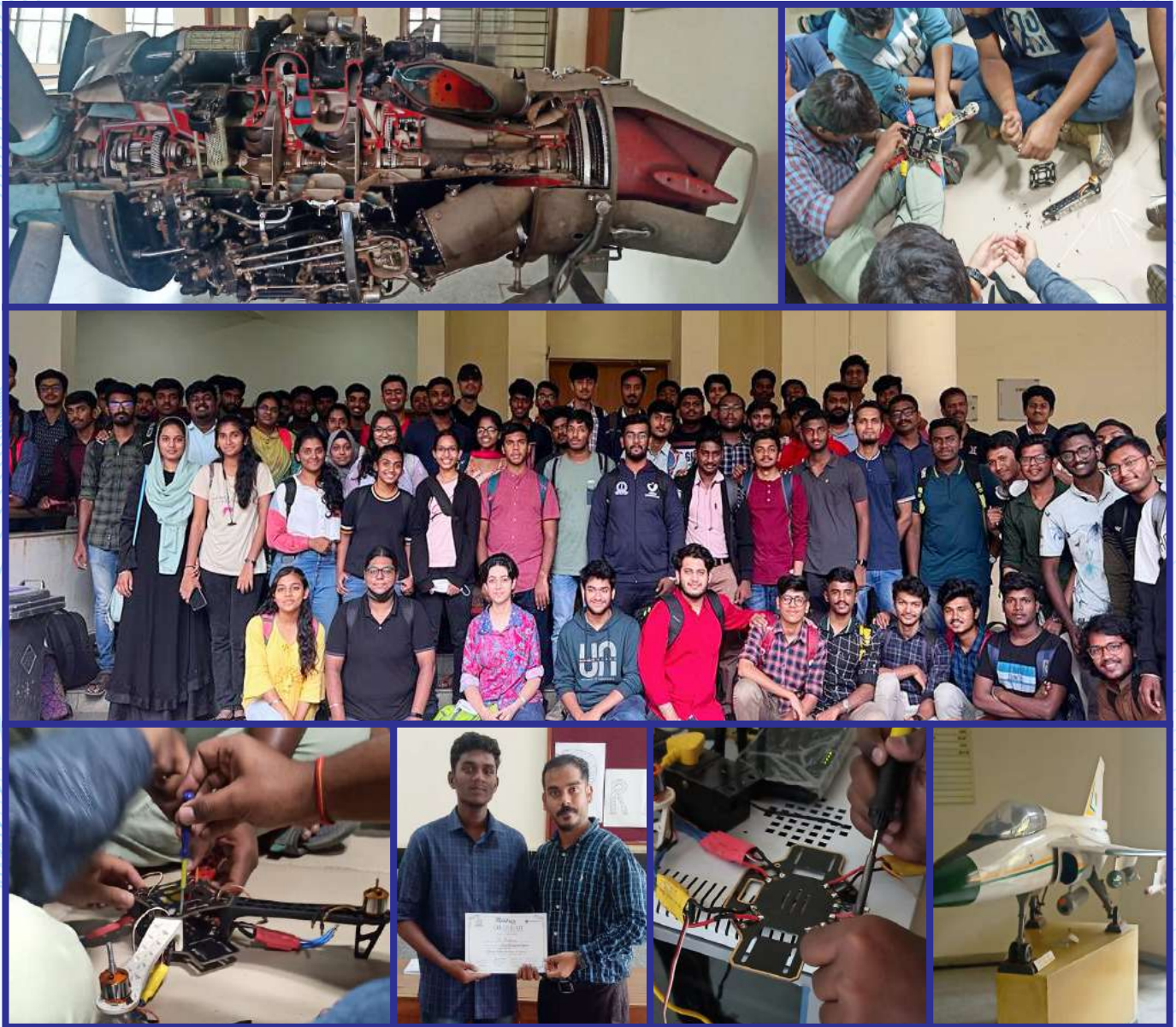
INDUCTION OF
PICKLEBALL CLUB

Department of Physical Education, in association with Tamilnadu Pickleball Association, organised Induction of Pickleball Club on 29th September 2022. **Mr. Mohit Kumar,** Secretary, Tamilnadu Pickleball Association and **Mr. Royston Rodriguez,** Pickeball Coach, Cleveland, USA were the guests.

Airbus Pravega 2022

Third Year Aerospace Students Mr Hariharan, **Mr. Barath. R, Mr. BarathKanna** and **Mr. Pradhyumnas** participated in Airbus Pravega 2022, A Drone Making and Flying competition, at IISC Bangalore. They got selected for next round, EYantra Innovation Challenge 2022-2023, to be held at IIT Bombay during December.

UGC's e-Samadhan portal to address queries within a short deadline

Students will get help in issues related to withdrawing of admissions post CUET UG results

c-Nafisa.Khatoon
@timesgroup.com

To resolve grievances of all education stakeholders within a set deadline, UGC has launched a single platform e-Samadhan. The helpline, on its launch day, from 3 to 6:30 pm, received 131 calls, of which 119 were instantly answered. On the second day, between 10 am and 6 pm, incoming calls were 239, while 217 were answered.

Unattended queries were 12 on the first day and 22 on the second day. To minimise such instances, UGC will soon deploy extra staff.

Under this, UGC's official websites related to students' grievance, scholarship-fellowship, Covid -19 counselling, and Centralised Public Grievance Redress and Monitoring System (CPGRAM) portal have been merged. The digital overhaul will provide a 24x7 functional, single online window system for all stakeholders to register their complaints.

CUET UG goals

M Jagadesh Kumar, chairman, UGC, says, "The admission authority will constitute a team to resolve queries related to withdrawal of

e-Samadhan portal toll-free number: 1800-111-656

Only anti-ragging helpline has not been included in the new portal

The process will further help identify institutions that are not responding to grievances for appropriate stringent measures against them. "After the closure of the grievance, if the complainant is not satisfied with the resolution, he/she can also provide feedback," adds Kumar.

Excluding few helplines

Only anti-ragging helplines/portals are kept outside the ambit of the e-Samadhan portal. Kumar says, "Immediate actions are taken to help students through anti-ragging helplines while the portal will only focus on registration of all other grievances. Response time for anti-ragging helpline to reach out to students is ideally less than a minute, so it was not sensible to include this. Another reason for its exclusion is that many complaints are registered here, daily. So, it is possible that a genuine call could get missed, avoiding which is crucial."

admission by students. Designated admission coordinators will monitor the queries and update the portal regularly. Further, multiple types of queries will be segregated based on discipline and issues, and these will be resolved accordingly. To confirm 100% disposal of queries, UGC will keep an eye on the whole process."

Kumar adds, "Through a single platform, various complaints can be filed easily. Complaint status and progress can also be tracked due to proper documentation and unique docket numbers. The grievances will be reviewed by the bureau head and by the secretary/chairman on a weekly basis, for effective implementation."

Key benefits

P Deiva Sundari, principal, KCG College of Technology, Chennai says, "Despite different portals and email ids for grievances and queries submission, ambiguity persists whether the queries have reached the concerned bureau or not. With 'e-Samadhan', the process will be eased as status of the query is updated periodically."

Students from remote areas would be the major beneficiaries. Kumar says, "Students can use this centralised platform to report irregularities in the admission process, withholding of original degrees, and other such cases of discrimination."

Officer (Asia-Pacific). Sulthan spoke about creating innovation in solid waste management and the importance of science

Sr. Rosy Joseph, principal, Stella Maris College; Sr. Judith Anita Gonsalvez, secretary; Regi Manimegala J, vice-principal (Shift I)

tions Lab and Community – were sworn in and projects proposed by the students were introduced, added the release.

College donates registration amount collected from marathon to support SNEHA's work

Students, staff and the general public took part in the marathon organised by KCG College of Technology, in association with Y's Service Club of Chennai.

The 15-km marathon started at the campus in Ka-

rapakkam and ended at Elliot's Beach.

The entire registration amount has been given to SNEHA Suicide Prevention Centre, says a press release.

Prizes were distributed to encourage the marathon

participants, and pamphlets on suicide prevention were distributed to the public.

Those in distress can contact Tamil Nadu Mental Health Helpline: 104 and SNEHA : 044-24640050

Marathon for a cause

KCG College of Technology is conducting a marathon on September 10 from the campus premises in Karapakkam to the Elliot's Beach. Titled 'Suicide Prevention Run 2022', the run is being held in three categories –15 K, 10 K and 5 K.

A registration fee of ₹150 is being charged from participants above 15 years. According to a release, the proceeds from the run will be given to SNEHA, an NGO for suicide prevention.

For details, call 98407 62975

SCI Indexed Journals Publication:

Sl. No.	Authors	Journal Name	Article Title	Impact Factor	ISSN	Indexing
1	Dr. V. Andal Mr. S. Mathavan	Journal of Nanomaterials, Hindawi	Comparative Analysis of NOx Emission Reduction in Engines Using NiCo2O4 Nanoparticles without External Reductant at Low Temperatures: An Experimental Investigation	3.791	1687 - 4129	SCI, Anna University Annexure 1, Q2 Journal, WoS, Scopus
2	Dr. SubaKannaiyan, Dr. V. Andal, Dr. R. Lakshmipathy	Bioinorganic Chemistry Applications Hindawi	Pisonia Alba Assisted Synthesis of Nanosilver for Wound Healing Activity	4.72	1565 - 3633	SCI, Anna University Annexure 1, Q1 Journal, WoS, Scopus,
3	Ms. G. Jayanthi, Dr V.Andal	Advances in Materials Science and Engineering, Hindawi	A Review on Synthesis, Properties, and Environmental Application of Fe-Based Perovskite	2.098	1687 - 8442	SCI, Anna University Annexure 1, Q2 Journal, Scopus
4	Dr. Dhanalakshmi R	Computer Systems Science & Engineering, Tech Science Press	Multi-attribute Group Decision-making Based on Hesitant Bipolar-valued Fuzzy Information and Social Network	4.397	0267 - 6192	SCI, Anna University Annexure 1, Q4 Journal, Scopus

KCG
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