



# KCG

COLLEGE OF TECHNOLOGY  
A unit of Hindustan Group of Institutions



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## CAMPUS DIARY!

### EDITORS' NOTE

Dear Reader

**KCG College of Technology** believes in the concept of holistic education and adopts strategies that help learners to keep up with the changing times. The Campus Diary- May 22 presents our campus activities that inculcate the spirit of service, leadership, innovation, entrepreneurship and the quest for learning among students.

Appreciation and recognition have a huge impact on one's engagement and productivity. We encourage our students to excel more by celebrating their achievements. The current issue of the newsletter draws your special attention to the Industry Day celebration in which we have recognised the young achievers who had brought laurels to the institution and pride to their family. It was also a call for other students to emulate these achievers.

Let us read, lead and succeed. Happy reading all.

**EDITORS:**

**Dr. R. Jaya**, Associate Professor, Department of English

**Ms. Tephilla Joice P**, Assistant Professor, Department of Mathematics

# INDUSTRY DAY 2022



**Industry day** was celebrated on 27th May 2022 to recognize the students who have got job placement through campus drives, got internship in industries, won prizes in technical competitions hosted by the college and other institutions. The day comprised three sessions: inaugural of Technical Publications of COE and Hero Skill Development Centre, panel discussion and felicitation of student achievers.

**Mr Chandra Reddy**, Head of Capgemini Engineering in India was the chief guest for the inaugural session. He inaugurated the Technical Publications COE and Hero Skill Development Centre. The COE will train the students in AR, VR, AI, IA, API and any other future technology to facilitate Next Gen technical publications, provide internship and job opportunities. The Skill Development Centre is a corporate social responsibility initiative that aims to provide Hero

Certified Courses to 10th, +2, ITI, Diploma, degree qualified interested candidates with guaranteed placements. Our students will be allowed to utilize the modern technologies provided by Hero at the centre and widen their scope for learning.

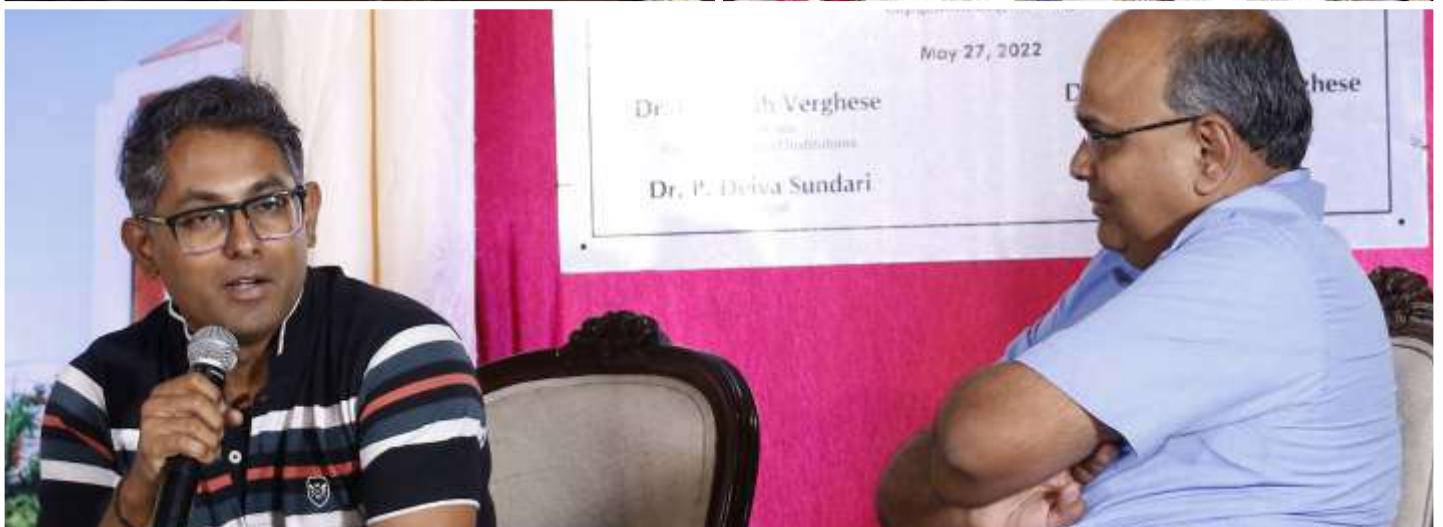
**Mr Chandra Reddy** in his inaugural address highlighted the importance of keeping oneself abreast the technological advancements. **Mr Rajendran Dhandapani**, Director of Engineering- Zoho Corporation said “ Have the calling in you, know the what and why of you do and show uniqueness and usefulness in them” He said these attributes will lead one to success and explained the idea with the real corporate examples and success stories. **Dr Annie Jacob**, Director, KCG College of Technology, welcomed the gathering. **Dr P Deivasundari**, Principal, delivered the vote of thanks.





A panel discussion on "**Artificial Intelligence in Engineering**" was moderated by **Mr Dorai Todla**. The panelists were **Dr Seemachopra**, Chief Data Scientist/ Technical Fellow at Boeing Research and Technology, India **Mr Vijay Karunakaran** Founder & CEO, In Gage Group of Companies **Mr Balaji**, MSE, Brakes India **Mr Badrinath**, **Mr Balasubramanian**, Staff Engineer at Qualcomm India Private Limited, Chennai and **Mr Ram Srinivasan**, Chief Strategy Officer, Fortune 100. The panelist shared their experiences with AI in domains like Fashion, Communication, Manufacturing, Metaverse & Aviation and gave tips for those interested in AI for Engineering. The take away from the discussion were change is consistent and upskilling is necessary, learning can happen across disciplines and at any phase of one's life. The discussion ended with a vibrant question and answer session.





The guests visited the projects displayed by the students, appreciated their works and gave suggestions wherever required.







**Mr Keerthivasan**, HR – Virtusa, **Ms Rophia Rose**, HR- Cognizant and **Ms Madhumitha**, HR - HCL felicitated the students who have got placed through campus placement and also the students who won prizes in the competitions conducted by the college and other institutions. **Mr Shrijith**, Student of final CSE delivered the vote of thanks.







# Celebration of 100 Glorious Years of Service of Y'S INTERNATIONAL CLUB

**KCG College of Technology** in association with **Y's Service Club**, Karapakkam, Chennai and **YMC of KCG College Youth** celebrated 100 glorious years of Y's International Club from 1st May 2022 to 8th May 2022.

A week long celebration witnessed an array of 18 events, 100 minutes each that include charity, wellness, awareness and educational programmes.

- Distribution of grocery worth Rs.10,000 and study materials to children in ARK India Service Society, Thoraipakkam.
- Distribution of Homeopathy Medicine (Immunity Booster) to faculty and students.
- Career Counselling to 100 school students by Department of ECE.
- Free eye checkup in association with the Mugavari Eye Hospital Chennai for KCG Tech students and staff.
- Distribution of Notebook and stationaries to 100 orphaned Children at Annai Fathima Child Welfare Centre by Department of Aeronautical and Aerospace Engineering.
- Distribution of food, cloth materials, toiletries by Department of Computer Science and Engineering to the elderly and the sick in the old age home run by Missionaries of Charity, Saidapet.
- Distribution of free LED Lamps to 100 poor family by Department of ECE.
- Free Two - wheeler Health Check up by Department of Automobile Engineering.
- Paper Presentation on 100 best sustainable practices in Fashion & Apparel Industry by School of Fashion Technology.
- Awareness session on "Know your Digital Assets - 100 unique ways to improve Cyber Security through 100 NFT's" by Department of Artificial Intelligence and Data Science.
- Rally on Plastic Ban Awareness by Department of Mechanical Engineering.
- Seminar on Save the Energy, the planet: An Awareness Programme on "How to save 100 units per day in the workplace" by Department of EEE.
- Awareness Programme on Road Safety to Class IX students of Govt. School, Karapakkam by Department of Information Technology.
- Seminar on "Go Green" - A 100 minute interactive session on 100 ways to conserve the planet Earth by Department of Civil Engineering.
- Aerobics'22 with 100 KCG Students by Department of Science and Humanities.
- 100 Minutes Non-Stop Run / Walk Awareness by Industry Institute Interaction Cell.
- "Surya Shakthi" - Yoga workshop and Awareness Programme to Save Soil by Department of physical education.



## ~ Health Awareness ~

**Aerobics**



**Yoga Workshop - Save Soil Campaign**



**Awareness on Life Style Diseases**



## ~ Service to the Needy ~

**Free LED Emergency Lamps to 100 Poor Families**



**Free Two-Wheeler Health Check up**





## ~ Service to the Needy ~



Visiting the Elderly and the Sick



Bags and School kit to the Orphaned



Grocery to HIV Affected Girl Children



Distribution of Notebooks & Stationary for 100 Orphaned Children



Free Eye Checkup Camp



Free Career Counseling for the Underprivileged



Free Homeopathy Medicine for Immunity



## ~ Education ~



**Poster Presentation 100 Best Sustainable Practices in Fashion**



**Awareness on knowing our Digital Assets**



**Rally on Plastic Ban Awareness**



**Go Green Awareness Campaign**



**Save Planet Campaign**



**Awareness on Road Safety for Govt. School Children**



# Seminar on **DARE TO COMPETE** Freshers vs Corporate

Department of Computer Science and Engineering conducted a seminar on Dare to Compete: Freshers vs Corporate on 7th May 2022. **Dr. Adithya Pothan Raj V**, Industry Expert CTS was the resource person.

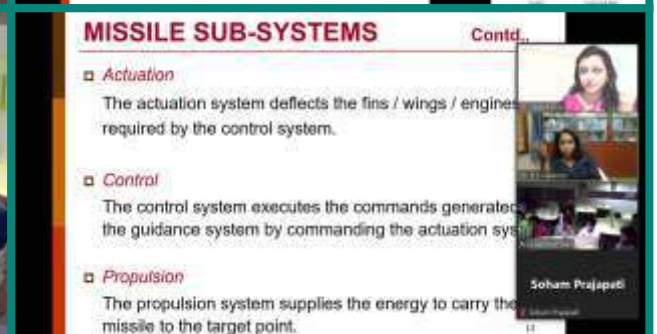




# Research Webinar on MISSILE SYSTEM DESIGN

## From Inception to Induction

Department of Sponsored Research and Consultancy conducted an informative virtual Research Webinar on Missile System Design- From Inception to Induction on May 14, 2022. **Dr. L. Lavanya**, (Scientist F) Deputy Director, Directorate of Aerodynamic testing, DRDL Hyderabad was the resource person.





## Workshop on Hand tracking using **UNITY & QUEST**

On 13th and 14th May 2022, Department of AI & DS Conducted a workshop on 'Hand Tracking using **UNITY & QUEST**' in association with Space ZEE. Mr. MD Ashik, Ms. Pooja Balamurali and Mr. Sabeesh from Space ZEE were the resource persons.





## Guest Lecture on **THE SCOPE OF ROBOTICS** in Manufacturing Industries

The Department of Mechatronics Engineering conducted a **Guest Lecture on the Scope of Robotics in Manufacturing Industries** on 14th May, 2022. **Mr. S. Selvakumar**, Senior Engineer, Fanuc India Private Limited was the resource person.



## Hands on Workshop on **DATA VISUALIZATION** using Tableau

The Department of Computer Science and Engineering conducted **Hands on Workshop on Data Visualization using Tableau** on 14th May 2022. **Mr. Ashvanth B**, Technology Analyst, Infosys Ltd. was the resource person.





# NATIONAL TECHNOLOGY DAY 2022

On account of National Technology Day 2022, IIC and IEDC of KCG College of Technology conducted a talk on '**Technology for strong and Self-Reliant India-The Role of Youth**' on May 11, 2022. **Dr. A Sivathanu Pillai**, Professor Emeritus - HITS, Father of Brahmos, Padma Bhushan, Padma Shri & Order of Friendship Awardee was the resource person.



## Workshop on PATENT SEARCH & INTELLECTUAL Property Management

Institutions Innovation Council organised a workshop on **Patent Search and Intellectual Property Management** for students on May 13, 2022. **Ms. Brinda**, Assistant Professor, Department of EEE was the resource person.





## Workshop on **SUICIDE PREVENTION CAMPUS CRISIS INTERVENTION PROTOCOLS**

**Workshop on Suicide Prevention Campus Crisis Intervention Protocols** was organised on 12th May 2022. **Dr Rani George**, Professor, Department of Criminal Justice, Albany State University was the resource person. She elaborated to faculty members on the lifesaving skills to decrease the rate of suicidal behaviour among the students.





## Workshop on **DIGITAL MARKETING & ITS CAREER OPPORTUNITIES**

The Department of Computer Science & Engineering conducted a workshop on **Digital Marketing & ITS Career Opportunities** on 14th May 2022. **Mr. Hari Prasad**, Head - Digital Marketing & Analytics, Born Group, was the resource person.





# EDUCATION FAIR

Admission specialists from the US, UK, Europe and Australia visited our campus today for the **Education Fair** held at the KMC Auditorium. Students across disciplines and batches visited the fair and familiarised themselves about the admission procedures in foreign universities.





## Seminar on

# PREDICTIVE ANALYSIS USING PYTHON

Department of Computer Science and Engineering conducted a seminar on “Predictive Analysis using Python” on 14th May 2022. **Dr. R. Pari** - Assistant Professor, Department of CSE, KCG College of Technology was the resource person.





# Power Up with LinkedIn-

## EMPOWERING THE YOUTH

### -Series #1

As a part of MOU with **Aspire For Her (AFH)**, **KCG College of Technology** in collaboration with AFH, conducted a session on creating a strong LinkedIn profile, for KCG students. The resource person **Mr Ramdas Kannan**, Manager, APAC Growth Partnerships LinkedIn, briefed our students as how to create a strong profile on LinkedIn to attract the recruiters. He spoke on building a profile and a brand to get noticed, how to apply for jobs, skills required to get a job. He spoke as how to close their network gap by connecting to alumni, telling their story on profile as their interests / hobbies, following companies, adding competencies and certifications.

More than 2000 KCG students attended the session and created their LinkedIn profile through the live practical demo given by **Mr Ramdas Kannan**. A free subscription for 6 months, worth Rs 9000 given by LinkedIn to all our students, was activated on the same day.

Our students were equipped with a lifelong needed skill-effective job search and being noticed by all recruiters at all times. Students attended the session with interest and enthusiasm and their queries were answered by **Mr Ramdas**.





# SKILL FAIR - ILAINARTHIRAN 'THIRUVIZHA'

We were honoured to be a part of the exhibition conducted by **Tamil Nadu Skill Development Corporation for Automotive, Apparel & Green Energy** on 25th May 2022. The event was graced by the presence of our Honourable Chief Minister of TN **Thiru M K Stalin**.







**தமிழ்நாடு திறன் மேம்பாட்டுக் கழகம்**  
**TAMILNADU SKILL DEVELOPMENT CORPORATION**



**DEPARTMENT OF AUTOMOBILE ENGINEERING**



# **FREE JOB!**

## **Training & Placement**

**Course Name:**

**Automotive Engine  
Repair Technician**

**படிப்பின் பெயர்:**

**வாகன இன்ஜின்  
பழுதுபார்க்கும்  
தொழில்நுட்ப வல்லுநர்**



**Course Name:**

**Automotive Service  
Technician for  
Two & Three Wheelers**

**படிப்பின் பெயர்:**

**இரண்டு மற்றும் மூன்று  
சக்கர வாகன சேவை  
தொழில்நுட்ப வல்லுநர்**



Department of  
Electrical and Electronics Engineering

# FREE JOB!

## Training & Placement

படிப்பின் பெயர்:

**சோலார் பி.வி. வல்லுநர்  
(சூரியமித்ரா)**

Course Name:

**Solar PV Installer  
(Suryamitra) - SGJ/Q0101**



படிப்பின் பெயர்:

**சோலார் கிரிட் பொறியாளர்**

Course Name:

**Rooftop Solar Grid  
Engineer - SGJ/Q0106**

### Salient Features

 Complete  
Free Training

 Course  
Materials  
will be  
supplied

 Government  
Certificate

 Job Assured





## School of Fashion Technology

# FREE JOB! Training & Placement

### Job Role: **Merchandiser**

#### Role Description :

Communicate effectively between garment industry and the buyer right from order placement till shipment.

### வேலை: **மெர்ச்சன்டைசர்**

#### வேலையின் விவரம்:

ஆடை உற்பத்தி தொழிற்சாலையில் ஆர்டர் கொடுத்த கம்பெனிக்கும், தயாரிக்கும் தொழிற்சாலைக்கும், இடையே தகவல் பரிமாற்றம் மேலாண்மை செய்தல்.

#### Career Opportunities:

Get placed at an apparel export house as a merchandiser for its apparel operations.

#### வேலைவாய்ப்புகள்:

ஒரு ஆடை ஏற்றுமதி நிறுவனத்தின் ஆடை நடவடிக்கைகளுக்கான வணிக மேலாண்மை.

### Job Role: **Self Employed Tailor**

#### Role Description :

Tailoring of garments with the help of sewing machines

#### வேலை:

### **டெய்லர் - சுயதொழில்**

#### வேலையின் விவரம்:

தையல் இயந்திரங்களின் உதவியுடன் ஆடைகளை தயாரித்தல்.

#### Career Opportunities:

Set up your own tailoring shop and become an entrepreneur.

#### வேலைவாய்ப்புகள்:

சொந்தமாக தையல் கடை அமைத்து, தொழில் முனைவோர் ஆகலாம்.



# KCG BOSCH JCC

## Free Training Program

Department of Automobile Engineering in collaboration with BOSCH Training Centre conducted a free training program for final year diploma students on May 14, 2022.



**CENTRE FOR  
AUTOMOTIVE  
RESEARCH AND  
VEHICLE  
ENGINEERING**



**DEPARTMENT OF AUTOMOBILE ENGINEERING**

**JOINT CERTIFICATION CENTRE**

**OBJECTIVES**

- To provide hands-on experience on technology that bridges the industry-academia gap.
- To understand the Bosch auto product test equipment.
- To gain knowledge and analyze various automobile sensors, actuators and diagnostics in vehicle injection system through Bosch advanced course model.

**COURSES**

- Common Rail Injectors and Diagnosis
- Vehicle Diagnostics
- Automotive Electrical Systems in Starter and Alternator
- Vehicle Air-Conditioning system













# National Level SPARK QUIZ CONTEST

Department of Automobile Engineering conducted **National Level Quiz Contest** for Final year diploma students.

## The winners are

- 1st prize team - PSB : Mr. Chandra Sekhar, Mr. Gugan  
2nd prize team - HIET : Mr. Daniel, Mr. Santhosh  
3rd prize - PSB : Mr. Sanjai  
4th prize - HIET : Mr. Saran





# HOSTEL DAY

Hostel, the home away from home, was vibrant during Hostel Day Celebrations. **Pandora 2022, Girls Hostel Day** was celebrated on 22nd May 2022 and **Fika 2022, Boys Hostel Day**, was celebrated on 28th May 2022. Students showcased their talents in singing, dancing and drama and had fun. **Farwell** of Final year Hostel Students was also organised.







## “FIKA - 2K22” - Boys Hostel Day





# Student Achievements

## INNOCON '22

The Office of Student affairs conducted "INNOCON '22" - Building a culture of Innovation, focusing on Green Technology, Assistive Technology, Smart Automation, Space Exploration & Pervasive computing on 14th May 2022 with a 16 member Jury team from several well renowned companies.

Theme	Prize	Team members	DEPT	Project Title
Smart Automation	I	Vishaal R, Vignesh S R, J.S.Jagadish	III Mechatronics	Automatic ABO blood group analyzer using Machine learning model
	II	Diya Agarwal.D, Sriram.R, Vaishnavi.D	III EEE	Hello finder
	II	Doreen Belinta A, KavyaT, Kavipriya M	III ECE	AEGISTEC - Mother's Care Shield
Green Technology	I	Radha Prabhakaran, Preethi S, Paarvathi S	III ECE	IOT based crop protection
	II	Manoj Kumar S, Sai Sanjay G S, Vignesh S Ritheeshwaran S,	III Auto	Design and fabrication of thermoelectric cooler using peltier device
	II	Raghul S, Karthigeyan P Thirumalai Srinivasan,	III Fashion Technology	Sustainable approach towards shoe manufacturing
Assistive Technology	I	Abbeerwani, Priyanka M, Suhail Khan	III ECE	Retinal fundus image detection using AI
	II	Manjusri M, Divyashree, Gowri	III Fashion Technology	Standardisation of saree size (readymade)
	III	Logeshwari M, Krithikaa I, Keerthana S	III ECE	Thermo electric self heating shoes
Future Aviation	I	Nikunj B, Rajpurohit, Aswin B, Yukesh M, Yamini R	III Aerospace	Propeller Less Drone
	II	Sreeja M , Rakshambika R N , Arun Joyel P, Augustin Jebakumar T	III Aeronautical	Flying car
	III	Debadatta Dey, Alex T Biju, Sivapriyan kalakshmi, Arvind S	III Aerospace	Multipurpose Wind Tunnel
	III	Anu S, BibinJino S, Ram Abhinesh R A, Ratheesh C		Experimental analysis of increasing usable lift of UCAV
Pervasive Computing	I	Koushik.Z.R, Mohammed Saad, Karan Sanjeev Nair, CharanTeja	III CSE	Wi-Fi Based Mobile Quiz App
	II	Mathiyuvarajan T K, AyushPandey	III EEE	Milk Adulteration & Quality Detection System
	II	Rahul R R, Ranjan Joseph Arun Kr, Sanjay Kannan K	III CSE	NEWS-DROID



# THEMES



Green  
Technology



Assistive  
Technology



Smart  
Automation



Future Aviation &  
Space Exploration



Pervasive  
Computing





# IDEATHON'22

**Centre for Transformational Leadership** (CTL) conducted “**Ideathon**” exclusively for the First year Students on May 14, 2022. The teams presented their innovative ideas under five domains Green Technology, Assistive Technology, Pervasive Computing, Smart Automation and Future Aviation/Space exploration. **Mr. Hariharan V**, Founder and CEO Of Space Zee Technology Pvt. Ltd, alumnus of KCG College of Technology, was the external judge and **Dr Lakshmipathy**, Asst Prof and Coordinator of KCGTBI and **Mr Venkatraman**, Asst Prof Department of Aeronautical Engineering were the internal judges.

IDEATHON '22 PRIZE WINNERS			
PRIZE	TOPIC	NAME	BRANCH
1	HEALTH CARE USING PERVASIVE COMPUTING	HONNASHREE R SHAIK ALTHAF SRIRAM V GURU PRASAD P R	B.E. Aerospace BE EEE BE.CSE B.E.Aeronautical
2	SPACE DEBRIS; A CANCER FOR SPACE	ANIRUDDHA CHOWDHURY FEBIN P GEORGE GOKUL S KUMAR CHAUGULE RUSHIKA BANDU	B.E.Aeronautical B.Tech AI&DS B.E. Aerospace B.E. Aerospace
3	SUSTAINABLE AVIATION FUELS	VAKKALAGADDA DRISHTI RAO SNEHA SIVAKUMAR MUSKAN P NEHA SINGH	BE.CSE B.Tech AI&DS B.Tech AI&DS B.Tech AI&DS
4	IIOT AIR MONITORING SYSTEM	JENNIFER V HARISH ARAVINDH S ASHWINKUMAR S NAVEEN G	BE ECE BE ECE BE ECE BE ECE





## SAE BICYCLE COMPETITION

Team Nova, **Mr. Vishaal** and **Mr. Jagadish** of III Mechatronics , **Mr. Surajnarayanan**, **Mr. Manojkumar**, **Mr. Vignesh**, **Mr. Thanuj** of III Automobile and Ajay Elvis dsouza of II Automobile participated in the SAE bicycle competition - Southern Section and won "**Best presentation Award**".



## MISTRAL HACKATHON

First year student team '**Arising Hackers**' won 2nd Runner's up in the Mistral Hackathon event, winning a cash prize of 1.5Lakhs Over 400 teams participated in the Mistral Hackfest-22. Of these 30 teams made it to the Grand Finale conducted at National Engineering College on Saturday, 7th May 2022. Each team showcased their design and presented their concept to a jury led by. **Dr S. Christopher**, Professor – IITM Electrical Department and former Chairman of the DRDO and **Mr Rajeev Ramachandra** , CTO and Co-Founder, Mistral Solutions.



### Students' Names:

**1. K.Shaikh Altaf**  
1<sup>st</sup> year EEE

**2. B.Nafisa**  
1<sup>st</sup> year Aerospace

**3. V.Sriram**  
1<sup>st</sup> year CSE

#kcgtechachievers



# MEDIA COVERAGE

## Anna univ hikes fees for duplicate marksheets 10x

### AT A GLANCE

The university has increased the fees on par with other state universities



Ragu.Raman@timesgroup.com

**Chennai:** Anna University has increased the fees for getting duplicate marksheet by ten times from ₹300 to ₹3,000 with effect from May 1. The fees for correction in marksheet, migration certificate and duplicate consolidated marksheet have also been increased by three times.

Engineering graduates need to pay more for services such as genuineness verification, medium of instruction certificate correction in provisional certificate and degree certificate, according to the revised fees details released by Anna University.

While the professors from the university said the fees have been hiked after a long time, engineering graduates said the hike was very steep.

"Anna University was collecting low fees for various services offered for engineering graduates. Now, we have increased the fees on par with other state universities," Anna University vice-chancellor R Velraj said.

He further said offering duplicate marksheet involves

a lot of work and the university was collecting just a fraction earlier. "The fees were fixed on par with the services offered to the graduates," he added.

Meanwhile, PMK leader Anbumani Ramadoss said, "This hike will not fetch huge revenue and the university should think of offering these services for free."

Engineering college principals said the hike will not have any impact on the current students. "Engineering graduates who are employed can pay the revised fees. However, the university did not hike any fees for the students currently pursuing engineering degrees, which is good," said P Deiva Sundari, principal of KCG College of Technology.

Ex-university VC E Balagurusamy said the state universities including Anna University are starving for funds and this is one of the ways to increase the revenue for the university. "The state government should come forward and financially support the state universities to avoid such fee hikes," he said.

CAREERS 360

Subscribe

## Reforming MTech: IITs, other engineering colleges are launching PG degrees in new fields

*As the MTech loses steam across engineering colleges, IITs are launching multidisciplinary, industry-oriented programmes to keep it relevant.*

**NEW DELHI:** The postgraduate engineering programme – the MTech – has been facing an existential crisis over the past few years. There are fewer students opting for MTech and these programmes also see a high number of dropouts. The reason, according to educationists, was that the course did not improve job prospects and acted as an "in-between course" before a PhD. While the MTech in popular branches of engineering such as computer science and electrical remains popular, there is a lack of demand for courses in other disciplines. Even premier institutions such as the Indian Institutes of Technology (IIT) faced this problem and had, in 2019, decided to raise the fee of MTech courses to discourage students who were simply waiting for jobs from joining, a move they were compelled to roll back.

Most academics now agree that the other MTech courses that see enrollment dropping or high dropout rates should be revamped into more interdisciplinary, job-oriented and relevant programmes. Over the past two years, the IITs have introduced a host of multidisciplinary but specialised MTech programmes in fields ranging from artificial intelligence and data science to electric vehicles, advanced materials and nanotechnology, and drinking water and sanitation.

### MTech: Declining popularity

From 2014 to 2018, 15 to 20 percent of MTech seats across Indian Institutes of Technology (IITs) went vacant, according to a report by the Indian Express in 2020. This was even more true for



colleges affiliated to state universities. In Maharashtra alone, 67 percent of MTech seats went vacant in the academic year 2021-22, according to a report by the Times of India.

In early 2022, Anna University announced that colleges can offer PhD programmes without offering MTech programmes and many started shutting down MTech departments.

Nearly 85 percent of seats in MTech courses in Anna University were vacant in 2022, according to a report by the *New Indian Express*.

MTech also saw a huge chunk of dropouts. From 2017 to 2019, over 2,400 students dropped out from the 23 IITs, the ministry of education had revealed in the Parliament.

In 2019, a three-member committee on reforming MTech proposed increasing the fees gradually, to nearly double the amount, to "discourage non-serious students" who "leave the programme midway to take up employment or prepare for competitive exams". The fee-hike proposal received push-back from students and was not implemented.

### Engineering PG: 'In-between course'

Educationists said that for students, MTech has become an "in-between" course that does not improve job prospects but acts as a bridge to get PhD which will allow them to take up faculty positions in the colleges.

"Although it is still popular in the tier 1 colleges, there is a major lack of demand for MTech in the past five years...MTech was mainly opted for faculty jobs in future. But now there is no incentive to take it up as even faculty jobs have dried up because there are fewer seats being filled in engineering overall," said Asad Ahmed, professor at the KCG College of Technology, affiliated to the Anna University. "MTech has become an in-between

course. It does not lead to better job prospects and now that PhDs are being made compulsory for teaching jobs, it does not help there either. If given an option between a job and an MTech, students prefer to go for a job."

Some private universities have even offered fee waivers to attract more students to MTech to enhance the universities' research capabilities. SRM University in Andhra Pradesh is offering MTech with 100 percent fee waiver. The KCG College of Technology, under Anna University, is also providing scholarships for their students for MTech programmes.

"We have actually started providing incentives to students like scholarships for individual students, allowing them to work in the laboratories or connecting them with other funded projects. This has actually shown an improvement in the admission numbers this year compared to the last five years," said Ahmed.

### MTech and jobs

Some educationists argued that the lack of demand is a result of the state of the job market. The courses relating to fields that employ a large number of engineers, such as software, are still popular among students, they said.

"There is a little bit of a market economy in this. In computer science, MTech is still doing well. Maybe MTech in some other disciplines where high paying jobs require advanced know-how they might be limited. But that is not true in computer engineering, in general, that is not true in electrical engineering. That is absolutely not true in AI and machine learning because the number of jobs is unbelievably high. There is a huge demand and there is a very limited skill supply," said Mausam, head of the School of Artificial Intelligence, IIT Delhi





## CAMPUS FACILITIES



**DST Supported FIST Lab**



**Intel IoT Lab**



**Gymnasium**



**Aero Hangar**



**Link Flight Simulator**



**Bosch Certified Training Centre**



**NCC**



**Horse Riding**



**Clubs**