

## EDITORS' NOTE

Dear Reader,

The May edition celebrates key milestones: from prestigious OBE rankings to outstanding student achievements in global admissions, the NCIIPC-AICTE Air Pentathlon, vibrant club recognitions like the “Beat the Clock” Award and alumni leadership in Toastmasters International. Our strong industry connect was evident through Industry Day 2025 and the impactful sessions on semiconductors. Events like the TATA IPL Fan Park, school outreach programs, and corporate seminars further highlight our dynamic campus life and future-focused learning. Each story depicted in this issue showcases how we continue to empower dreams and engineer realities.

Happy Reading!

### EDITORS:

**Dr. R. Jaya**

Associate Professor,  
Department of English  
Head - Student Affairs

**Ms. Tephilla Joice P**

Assistant Professor,  
Department of Mathematics



### Platinum Band

The College has been recognized in the Platinum Band: Institution of Academic Excellence in the prestigious OBE (Outcome-Based Education) Rankings 2025, awarded by R World Institutional Ranking.



### NCIIPC-AICTE Air Pentathon 2025



**J Claret De Cruz**, a third-year student from the Department of Electronics and Communication Engineering at KCG College of Technology, has secured an impressive **All India Rank (AIR) of 90** in the prestigious NCIIPC-AICTE Air Pentathon 2025.

### Toastmasters International- Beat the Clock Award

The KCG Youthmasters Toastmasters Club has secured the "Beat the Clock" Award, a global recognition from Toastmasters International. The club is recognised with the award for demonstrating exceptional commitment to growth and member engagement. This achievement reflects the members' dedication to helping others grow in confidence, communication, and leadership.

### Proud Alumni

**DTM Anirudh B**, CSE Alumnus (2017-2021) is elected as Club Growth Director, District 120, Toastmasters International, for the year 2025-2026. A leader in managing club and member growth for 180+ clubs holding 4000+ members across Tamilnadu and Pondichery and it is top 3 trio position in Toastmasters International.



## Global Academic Achievements

Several of our brilliant students have secured admission into prestigious postgraduate programs at renowned universities across the globe. Their dedication, academic excellence, and consistent pursuit of knowledge have earned them opportunities at leading institutions known for cutting-edge research and innovation.



**Neelesh B**  
MS Data Science  
Friedrich-Alexander-Universität,  
Germany



**Saifuddin S**  
MS Data Science  
Friedrich-Alexander-Universität,  
Germany



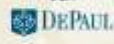
**Roshini Gopinath**  
MS Computer Science  
UCD Dublin,  
Ireland



**Sai Arvind V S**  
MS Computer Science  
UCD Dublin,  
Ireland



**Mohammed Musaddiq**  
MS Computer Science  
DePaul University,  
USA



**Sharon Joanna**  
MS Computer Science  
George Washington University,  
USA



**Arul Rosario**  
MS Computer Science  
Florida International University,  
USA



**Sri Charan A**  
MS Computer Science & Engineering  
Arizona State University,  
USA



**Ramya R**  
MS Computer Science  
The University of Arizona,  
USA



**Saravanan Bhavya**  
MS Embedded System  
University of Colorado Boulder,  
USA



**Lokesh S**  
MS Embedded System  
University of Colorado Boulder,  
USA



**Mohamed Rafi Shebu**  
MS Electrical and Computing  
San Francisco State University,  
USA



**Mohamed Aamir**  
IS Information Technology & Business  
Ontario Tech University,  
Canada



**Harshithan K S**  
MS Business Analytics  
University of Minnesota,  
USA



**Karthiga B**  
Masters in  
Aerospace Engineering  
ISAE-SUPAERO, France



**Sheela**  
Masters in Aerospace Engineering  
The Korea Advanced Institute of Science  
and Technology as KAIST, South Korea



**Keerthika**  
Masters in Aerospace Engineering  
Madras Institute of Technology,  
India



**M Madeshwaran**  
M.Tech Aerospace  
Madras Institute of Technology,  
India



**Hariharan**  
Masters in Aerospace Technology  
Madras Institute of Technology,  
India



**Balajee E**  
Masters in Aerospace Engineering  
Madras Institute of Technology,  
India



**Barat Kanna**  
ME Avionics  
MIT Campus Anna University,  
India



**Madih Mohamed A M**  
MBA, Marketing  
Manipal University,  
India



**Thivya Rannee**  
Masters in Aerospace Engineering  
Defence Institute of  
Advanced Technology, India.



**Johanna Afreena I**  
MS Biomechanics  
CMC Vellore,  
India



**Arjunraj A M**  
Masters of Fashion Management  
National Institute of  
Fashion Technology, India.



**AB Keshav Kumar**  
MS Aerospace  
Engineering by Research  
IIT Madras, India



**Irin Maria**  
Masters in Aerospace Engineering  
NIT Trichy,  
India



**L Barani**  
M.Tech Aerospace Engineering  
IIT Madras,  
India



**Ajay Sharon R S**  
M.Tech Computer Science and  
Engineering with AI/DS  
Indian Institute of Information  
Technology Design & Manufacturing,  
India





# Industry Day

Industry Day 2025 was held on May 5, 2025, to celebrate the remarkable placement achievements of the graduating batch. The event was graced by **Mr. Ratnakumar Nagarajan**, Head of Products and Co-Founder of Kaar Tech, as the Chief Guest. An impressive 94% of students from the Class of 2025 secured placements in top-tier companies, marking a significant milestone in their professional journey.





## Panel Discussion on Shaping the Future of Semiconductors in India

A Panel Discussion on "Shaping the Future of Semiconductors in India" was held on May 5, 2025, featuring a distinguished line-up of industry leaders who shared their insights on the advancements and opportunities in the semiconductor sector. The session was expertly moderated by **Mr. Anand Lakshmanan**, Senior Member, IEEE; Fellow, IETE; and Researcher at the Centre of Excellence in Advanced Automotive Research (CAAR), IIT-M.

The panel comprised eminent professionals including **Mr. Naveenkumar Nachimuthu** (Manager – Sales & Accounts Management, Soliton Technologies), **Mr. Sundara Balaji N** (Senior Director – Engineering, Qualcomm India Pvt. Ltd.), **Mr. Gershom Samuel** (Principal Engineer, Microchip Technology Inc.), **Mr. Sukumaran Unni T** (General Manager, Data Patterns India Ltd.), and **Mr. Thendral M** (Associate Director – Embedded Services, Tessolve). The discussion provided deep insights into India's growing prominence in the global semiconductor landscape and the collaborative efforts needed to drive innovation and self-reliance in this critical sector.





# TATA IPL Fan Park 2025 at KCG College of Technology

The TATA IPL Fan Park 2025, held on 24th and 25th May at KCG College of Technology, transformed the Pele Football Ground into a vibrant cricketing arena. The two-day event brought together cricket enthusiasts from across Chennai for an exhilarating celebration of the sport.

On May 24, fans witnessed a thrilling encounter between the Punjab Kings (PBKS) and Delhi Capitals (DC). The match concluded with the Delhi Capitals chasing down a target of 207, finishing at 208/4 in 19.3 overs, securing a six-wicket victory.

The excitement continued on May 25, featuring a high-octane clash between the Chennai Super Kings (CSK) and Gujarat Titans (GT). CSK posted a formidable total of 230/5, and their bowlers dominated the game, restricting GT to 147, resulting in an emphatic 83-run win for CSK.

With free entry, live match screenings, and an electrifying atmosphere filled with cheers and camaraderie, the Fan Park offered an unforgettable experience. It was a festive showcase of cricket, community, and celebration, marking KCG as one of the liveliest Fan Park venues in Chennai.





## School Connect Programs Education Guidance Event

**Dr. M. Muthukannan**, Principal of KCG College of Technology, was invited as a distinguished guest speaker at the "அடுத்து என்ன படிக்கலாம்?" (What to Study Next?) education guidance event organized by Behindwoods.

The event took place on Monday, May 26th, 2025, from 10:00 AM to 5:00 PM at Velammal Hall, Mogappair West. Designed as an eye-opening session for students and parents, the event aimed to provide valuable insights into higher education pathways and career opportunities.

Dr. Muthukannan addressed aspiring students and their families, offering guidance on choosing the right academic streams, aligning passion with profession, and understanding future industry trends. His presence added immense value to the session, reinforcing KCG's commitment to empowering young minds beyond the classroom.



## Placement Talk



A Placement Talk was held for second-year students on 26th May 2025, led by **Sqn Ldr Unni Nair**, an Independent HR Professional and Life Skills Coach. The session provided valuable insights and guidance to help students navigate their career paths and enhance their employability skills.

## Orientation Program on Engineering Excellence Connect

The Department of Aeronautical & Aerospace Engineering organized an Orientation Program on Engineering Excellence Connect (TECHPUBS) in collaboration with Capgemini Engineering on 30th May 2025. This insightful session was aimed at preparing students for excellence in engineering documentation and technical publications, a key area in modern aerospace and engineering industries.

The session was graced by Mr. Rajendran R, Senior Manager at Capgemini and EEC Program Champion for KCG TECH. Mr. Rajendran provided deep insights into the importance of technical documentation in industry, career opportunities, and the relevance of EEC programs in shaping future-ready engineers.

The orientation served as a valuable bridge between academia and industry, enhancing students' understanding of real-world engineering practices and boosting their career preparedness.



### School Connect Orientation 2025 – The Future is Today

The college hosted the School Connect Orientation from 27th to 29th May 2025 under the theme “The Future is Today,” providing an engaging platform for school students to explore the world of engineering, innovation, and future-ready careers. The event was designed to help students make informed decisions about their higher education pathways by introducing them to emerging technologies, dynamic career opportunities, and the academic excellence of KCG College. Throughout the program, students gained valuable insights into emerging technologies and Industry 5.0 during the Panel Discussion. They also participated in Department Showcases, hands-on Lab Visits, and interacted with both faculty and student innovators. Additionally, they had the opportunity to explore cutting-edge student projects at the Innovation Expo. The orientation also offered essential career guidance, emphasizing that the future of technology begins today at KCG College.





### Seminar on Navigating the Cisco Ideathon & Interviews: Strategies for Success

A seminar on "Navigating the Cisco Ideathon & Interviews: Strategies for Success" was conducted on 31st May 2025. The session was led by **Mr. Shrijith Nair**, Senior Consultant at CISCO Systems and a CSE alumnus of the 2022 batch. He shared valuable strategies and insights to help students excel in the Cisco Ideathon and perform well in interviews, providing them with the tools needed for success in the competitive tech industry.





## Lifestyle &gt;

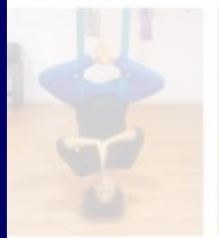
State-of-the-Art wall climbing arena - *The Ascend*, at KCG College

KCG College of Technology inaugurated its premier wall climbing arena, *The Ascend*, on April 28 at the APJ Abdul Kalam Indoor Auditorium. The facility was officially opened by cricketer and commentator K. R. Anur Karthick, who lit the traditional lamp and cut the ceremonial ribbon.

The event was presided over by Dr. Anand Jacob Varghese, Chairman of the Hindustan Group of Institutions (HGI), who envisioned *The Ascend* as a space to cultivate adventure and resilience among students. He was joined by Dr. Annie Jacob (Director, KCG), Ms. Enid Varghese (Deputy Director, HGI), Dr. M. Muthukrishnan (Principal, KCG), and Dr. N. Prem Kumar (Director of Physical Education).

Anur Karthick headed the initiative, highlighting the role of adventurous sports in building strength and confidence. As one of Tamil Nadu's first dedicated student wall climbing arenas, *The Ascend* reinforces KCG's commitment to holistic education. Over 1,500 students, faculty, and staff attended the ceremony, ushering in a new chapter in the college's journey towards excellence in sports and student development.

## From coding to calm: Iyengar yoga studio in Thiruvananthapuram



A decade after stepping away from a high-stress career, Anupriya, a certified Iyengar yoga therapist, has opened Ananda Yoga Studio, a space dedicated to holistic well-being.

Located in the heart of Thiruvananthapuram, Anupriya, who once battled stress-related health issues, found her calling after yoga transformed her life. "I wanted to make yoga others' too," she says. Over the past five years, she has taught students across the globe and, recently, adding Aerial Yoga to her offerings in the ancient martial art of Kalaripayattu.

The studio offers classes in Hatha Yoga, Vinyasa, and Aerial Yoga.

## hop and win - SreeA

Shree Anantham Textile LLP is a proudly inaugurated fashion store in Thiruvananthapuram. It offers a wide selection of clothing for all ages.

Specializing in ethnic wear, Western dress, and children's apparel, the store features an extensive range of styles, including traditional, designer, and casual wear. The collection includes cotton, silk, and polyester fabrics.

From May 4 to May 28, shoppers at the store are eligible to participate in an exciting Lucky Draw event. All you have to do is fill in your bill number and purchase date, and drop the entry into the lucky draw box at the store.

The lucky draw will take place on May 29 between 11 am and 12 pm at the inauguration ceremony.

Three lucky winners will walk away with prizes.

TE: 0471-2500000 | 0471-2500001 | 0471-2500002 | 0471-2500003

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## Shifting paths

Offering smart, scalable education for changing times

Greeshma.Giri  
@timesofindia.com

South Indian institutions are stepping up to meet global challenges as the education scenario is changing rapidly. "India's educational ecosystem is now better equipped than ever to provide both academic excellence and a safe, supportive experience for students, including international students," says Paul Dhinakaran, chancellor of Karunya University. He points out that in an era of global unpredictability, countries once seen as academic hotspots are facing fresh challenges. Students are starting to reconsider their choices. Many countries are tightening visa rules, suspending student exchange programmes, and limiting post study work options. Combined with rising tuition fees, these changes are making international education less accessible and less attractive for many. "Canada saw a 41 per cent drop in Indian students, the UK a 27 per cent fall, and the US recorded a 13 per cent decline," says Annie Jacob, director of KCG College of Technology. Geopolitical tensions and shifting immigration policies are further adding to the uncertainty.

## THE OPPORTUNITY

By offering innovation-driven education and hands-on entrepreneurial experience, south Indian institutions are positioning themselves as world class destinations. These campuses are no longer just centres of learning they are becoming full-fledged innovation ecosystems. "Many institutions in south India let students build actual companies. Technology Business Incubators provide seed funding from 1 lakh to 2.5 crores, mentorship from industry leaders, and access to angel investors. Students graduate with profitable businesses instead of debt," points out Jacob. Cost is another key advantage. While studying abroad can cost \$10,000 to \$13,000 a year just in accommodation, many Indian institutions deliver comparable quality at up to 80 per cent lower cost. Students benefit from government grants, access to venture capital, and the chance to earn revenue even during their course. They gain practical skills, technical training in emerging technologies, and exposure to real world entrepreneurship. Career-wise, they have access to strong industry networks, employment options, and business support infrastructure—including labs, legal aid, and professional workspaces. India loses \$60 billion worth of foreign exchange annually when our students seek education abroad. This is a national waste. By providing a comprehensive, updated, and liberated education policy targeting the aspiration Indian, it will be possible for the country to emerge as global education destination," says Chocko Valliappa, vice chairman, Sona Institutions and CEO and founder, Vee Technologies.



## Publication in SCI Indexed Journals - May 2025

Authors	Journal Name	Article Title	Impact Factor	ISSN	Indexing
<b>Dr. Deepa Jose,</b> Prof. & Head- Research, Dept. of ECE	Egyptian Informatics Journal	Federated learning-based semantic segmentation framework for sustainable development	5	2090 -4754	SCI, Anna University Annexure I, Q1 Journal
<b>Dr. V. Andal,</b> Assoc. Prof., & <b>Ms. Jayanthi,</b> Asst. Prof., Dept. of Chemistry	Chemistry Africa	"Investigation of the Microwave Absorption Properties of Silane-Modified Activated Carbon @ ZnFe <sub>2</sub> O <sub>4</sub> Binary Nanocomposite"	2.94	2522 -5766	SCI, Anna University Annexure I, Q3 Journal
<b>Dr. S. Kaliappan,</b> Prof., Dept. of Mechanical Engineering	Results in Engineering	Optimization of thermal efficiency in double pass solar air heating systems with emphasis on collector design parameters and operating conditions	6	2590 -1230	SCI, Anna University Annexure I, Q1 Journal
<b>Dr. S. Kaliappan,</b> Prof., Dept. of Mechanical Engineering	Australian ceramic society	Enhanced tribological performance of AA6018 aluminium composites reinforced with copper chromate exploring ceramic-based strengthening mechanisms	1.9	2510 -1560	SCI, Anna University Annexure I, Q3 Journal

## 15 Papers got published and indexed in Scopus during MAY 2025

### Funded Projects

Title	Funding Agency	Date of Sanction PI/Co-PI	Amount
Ice Accretion on Dorsal Mounted Antennae Unit of Airborne Surveillance Aircraft in FAR-25 Icing Conditions,	Centre for Airborne Systems, DRDO	May 2025 PI- <b>Dr.Rajamurugu</b> , HoD, Aerospace, Co-PI- <b>Dr. Vijayaraja</b> , HoD Aero, <b>Dr.Prasath</b> - Aero	Rs. 9,78,000/-







## CAMPUS FACILITIES



**DST Supported FIST Lab**



**Car Simulator**



**Gymnasium**



**Aero Hangar**



**Link Flight Simulator**



**Bosch Certified Training Centre**



**NCC**



**Horse Riding**



**Inferno Racing**



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COLLEGE OF TECHNOLOGY  
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KCG Nagar, Old Mahabalipuram Road,  
Karapakkam, Chennai - 600 097.  
[www.kcgcollege.ac.in](http://www.kcgcollege.ac.in)