

# KMCTCOE CHRONICLE

The Official Newsletter of KMCT College of Engineering

**MAY 2025**



## *Experience the Expertise*

### VISION

Transform students into skilled and competent professionals in engineering and management fields

### MISSION

- To deliver quality education by harnessing proficient faculty and state of the art facilities to serve the society and industry.
- To transmute students as leaders and entrepreneurs by strengthening their professional and ethical standards.
- To engage students in skill acquisition, research, and industry-institute collaboration to face the emerging challenges.

### ABOUT KMCTCOE

KMCT College of Engineering, established in 2001 by the Kunhitharuvai Memorial Charitable Trust in Kozhikode, Kerala, is affiliated with AICTE and currently with APJ Abdul Kalam Technological University since 2015. The institution offers seven B.Tech programs and three postgraduate courses - MBA, MCA, and M.Tech. With a professional and supportive environment, the college fosters academic excellence through experienced faculty and a career-focused approach. Under the leadership of Dr. K. Moidu, the KMCT group manages several esteemed institutions across medical, technical, and allied health sciences.

## National Workshop on Floating Photovoltaic Systems: A Step Towards Sustainable Energy



A two-day workshop on Floating Solar Panel Technology was conducted on 5th and 6th May 2025 at Oshin Hotels, Kalpetta, Wayanad. The event was jointly organized by GIZ (German Cooperation), EY, SCGJ, and TISA to introduce participants to the fundamentals, design, and site considerations of Floating Photovoltaic (FPV) systems an innovative solution for clean energy generation in land-scarce regions. The sessions were led by floating solar specialists Mr. Luckey Aggarwal and Mr. Sarvesh. From KMCT College of Engineering, Dr. Sreekesh Namboodiri (CSE), Ms. Adhulya P.V. (EEE), and Ms. Vrindha U.K. (ECE) participated in the training

## KMCT Engineering College Showcases Innovation at Ente Kerala Expo 2025



KMCT Engineering College proudly participated in the Ente Kerala Expo 2025, organized by the Government of Kerala, with a dedicated stall that highlighted the college's achievements in technical innovation and research. The event was held at Calicut Beach on May 9th and 10<sup>th</sup>, starting at 4:00 PM, and served as a prestigious platform for engineering institutions across the state.



## FACULTY ORIENTATION ON QUALITY ASSURANCE

An orientation session on Quality Assurance was held on 22nd May 2025 at APJ Abdul Kalam Hall, KMCT College of Engineering. The event featured addresses by Principal Dr. Kavitha S. Murugesan, Dean Dr. Rajesh R., and Vice Principal Dr. Sunu Surendran K.T. Dr. Anoop Johny, IQAC Coordinator, led the orientation session. The session concluded with a vote of thanks by Mr. Sumod T., IQAC Chairman. Faculty members from all departments participated actively in the program.



Dr. Sunu Surendran K.T., Vice Principal, presented the draft of the department's annual report during the session. He outlined key highlights and provided an overview of the report's structure. The projected timeline for finalizing the report was also discussed.

Dr. Anoop Johny, IQAC Coordinator, led the orientation session for the academic departments, emphasizing the importance of quality practices in academic processes. He highlighted the significance of implementing quality measures in teaching, learning, and evaluation.



**"You have to dream  
before your dreams can  
come true."**

Dr. APJ Abdul Kalam



97 45 72 68 88  
90 48 56 68 88



[kmctcoe.ac.in](http://kmctcoe.ac.in)



Kalanthode, NIT Campus (P.O.)  
Kozhikode, Kerala-673601

# ELECTRA 2025 – “To Revolutionise the Digital Age”



The Department of Electronics and Communication Engineering at KMCT College of Engineering organized ELECTRA 2025 on March 19, 2025, at the Right Seminar Hall. With the theme "To Revolutionise the Digital Age", the event aimed to promote innovation and awareness of emerging digital technologies

Three expert speakers enriched the event:

- Mr. Shameem P C (KMCT Institute of Emerging Technology) spoke on integrating digital tools in engineering education.



- Ms. Nanditha N Varma (NIELIT Calicut) gave insights into the latest trends in VLSI design.



- Mr. Anirudh M K (VIKN CODES) shared real-world applications of Python in tech industries.



The sessions were engaging, with active participation from students and faculty. The ELECTRA team ensured smooth execution, making the event a success and reinforcing the department's focus on innovation and industry relevance.

## CALISTA 2025: A FUSION OF TECHNOLOGY AND TALENT AT KMCT SCHOOL OF BUSINESS



The Department of Master of Computer Applications at KMCT School of Business, Kallanthode, Kozhikode, is proud to present Calista 2025 on April 30, 2025. Themed “Innovate, Elevate, Celebrate”, the event promises a vibrant mix of technical and cultural activities. The highlight of the event will be a keynote session by Ms. Aysha Hamna, Sr. Technical Consultant at RP2, iDataLytics, followed by a series of engaging competitions including Quiz, Web Designing, Scavenger Hunt, and Spot Dance. The celebrations will culminate in a high-energy musical evening featuring DJ Zwagger and Aghin Malik from 6:00 pm to 8:00 pm.



## International FDP on “Advances in New Age Alloys and Composites with the Advent of AI/ML and 3D Printing”



Dr. Sunu Surendran K T, Head of the ME Department, KMCT Engineering College, participated in the International FDP on "Advances in New Age Alloys and Composites with the Advent of AI/ML and 3D Printing" held from April 7–9, 2025. The FDP was organized by Bearys Institute of Technology, Mangalore. It focused on emerging trends in materials science, including AI, machine learning, and 3D printing applications. Renowned experts from academic and industry led the technical sessions. The FDP provided valuable insights into advanced materials and innovative manufacturing technologies.

## Faculty Participation in National FDP on Cybersecurity

Ms. Nilovena K.V., Assistant Professor, KMCT College of Engineering, actively participated in the National Level 6-Day Online Faculty Development Programme (FDP) titled “FUTURESEC 2025 – From Deepfakes to Cybersecurity: Master the Tech that Matters”, organized by the Department of CSE, MEA Engineering College, Perinthalmanna. The FDP was conducted online from May 19 to 24, 2025, and focused on emerging trends and technologies in the field of cybersecurity.



## Faculty Participation in FDPs on LaTeX & Floating Photovoltaic Technologies



Ms. Vrindha U.K., Assistant Professor at KMCT College of Engineering, participated in two Faculty Development Programmes in 2025. She attended an FDP on Floating Photovoltaic Technologies held on May 5–6 in Wayanad, organized under the TISA project. The program focused on floating solar systems and sustainable energy solutions. She also took part in an FDP on “LaTeX for Academics” from April 10–12, organized by NSS College of Engineering, Palakkad. It helped enhance her skills in academic writing and research documentation using LaTeX.

## FDP on Engineering Entrepreneurship and IPR

Mr. Midhun P, Assistant Professor, Mechanical Engineering, KMCT Engineering College, attended an FDP on "Engineering Entrepreneurship and IPR" from March 5–26, 2025. The FDP was organized by IEDC, APJ Abdul Kalam Technological University. It focused on building entrepreneurial skills and awareness of Intellectual Property Rights. Topics included startup development, innovation strategies, and patent filing. The program enabled faculty to guide students in entrepreneurship and innovation.





## Publication Details

- Gnanavelbabu, A., Sunu Surendran, K.T. Impact of Tantalum Carbide on Ambient and Elevated Temperature Tribo-behavior of Cast Mg-AZ91D Composites. JOM 77, 3972–3984 (2025). <https://doi.org/10.1007/s11837-025-07191-8>
- Shirin K.C., "AI as a Tool for Education – Opportunities and Challenges." In Souvenir Book of the International Conference on 'Digital Transformation in Building a Smarter and Greener Future for Global Commerce and Developments', organized by the Department of Commerce, Vivekanandha College of Arts and Sciences for Women (Autonomous), Tiruchengode, Tamil Nadu, March 2025. ISBN: 978-93-342-4329-1.
- Anxiety or depression prediction of major depressive disorder using ML- Mrs. Anju C R, Springer L2EE'
- International research journal of Modernization in Engineering, Technology and Science Multi Disease detection using Machine learning Ms. Shabnam Edakkuni. Mrs. Anju C R Student Volume 07, Issue 3 1150
- International Research Journal of Engineering and Technology (IRJET) Student Performance Analyzer Athul Raj V, Surya Sushad , Rachana Ramachandran R, Student Volume: 11 Issue 2177
- International research journal of Modernization in Engineering, Technology and Science Secure file storage on cloud using hybrid cryptography Ms.Jinsha V S Shobhith krishna, Abdhul Basith k k, Midhun M K , Student Volume 07, Issue 3 3120
- SIGN.FY:A Presentation Control System,International Research Journal of Modernization in Engineering Technology and Science, Nilovena.K V, Muhammed Danish A P, Muhammed Roshan KR, Nihal, Pranav T. ,07/Issue:01/January-2025
- DARWIN:Simulating natural Selection with genetic algorithm,International Research Journal of Modernization in Engineering Technology and Science, NishidhaT., Muhammed Zafar MM, Muhammed Thahauwais, AbhijithT, Samnan Abdul Jaleel, 07/Issue:02/Feb-2025
- DARWIN:Simulating natural Selection with genetic algorithm,International Research Journal of Modernization in Engineering Technology and Science, Nishidha T., Muhammed Zafar MM, Muhammed Thahauwais, AbhijithT, Samnan Abdul Jaleel, 07/Issue:02/Feb-2025
- NOTIFIQ:Digital Noticeboard Website, International Research Journal of Modernization in Engineering Technology and Science, Muhsina K, Muhammed Ajnas, Muhammed Ashbin K, Muhammed Nihal, Muhammed Riyas T, 07/Issue:03/March-2025
- Multimedia Steganography,International Research Journal of Modernization in Engineering Technology and Science, Muhsina K, AashishVinu, Asna K, FebinKalliyath, Ahammed Ifsal PV 07/Issue:03/March-2025
- HOSTEASE:College Hostel management APP,International Research Journal of Modernization in Engineering Technology and Science, Nilovena KV, Abdullah Nabeel, Adhil Ashfak, Hariprasad C, Ekadath 07/Issue:03/March-2025
- 4 The Needers:Left Over Food Management System,International Research Journal of Modernization in Engineering Technology and Science, Nilovene K V, Nihal Zakariya, Sarunjith, Sandra C, Gulam Hadiq-07/Issue:03/March-2025




## Eighth Semester University Exam Toppers









**Congratulations!!!**  
Department of Electrical & Electronics Engineering  
Eighth Semester University Exam Toppers

 Dilshad Akhtar	 Ghani Albague N K	 Krishnapranav T	 Anandhu T G
 Jadeer A Salam	 Nihal Nazeer	 Shanu Ashraf V P	 Abhinand M P



**DEPARTMENT OF MECHANICAL ENGINEERING**  
S8 Result Toppers (Batch 2021-25)


 NAZMI ANSARI	 SINAN ABDULLA	 AKHIL ROSHAN
 MOHAMED ASHIQUE	 GAUTHAM M	 AHMED HISHAM K P

**CONGRATULATIONS!**  
S8 Average Result: 92.85%

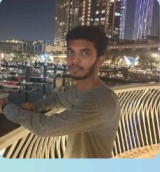





**Congratulations**  
DEPARTMENT OF AUTOMOBILE ENGINEERING  
FOR SECURING 100% IN EIGHT SEMESTER RESULT

 Achinth k	 Safwan	 Hisham
 Sarah Muhammad Fayarus	 Riyana C P	 Shaziya Meharin T



**Department Of Applied Electronics & Instrumentation**  
Eighth Semester University Exam Toppers

 JANSHIDHA K T	 MOHAMMED FADIL RASHEED	 BHAGYA N
 T A AMEER ALI	 SAJITH RAJ	

**Congratulations!!!...**

**Eighth Semester University Exam Toppers**

**KMCT** COLLEGE OF ENGINEERING | **DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**S8 UNIVERSITY RESULT TOPPERS**

*Congratulations*







						
LIYANA	JISON	ANNA	HANAN	VISHNUPRIYA	NIHAAL	GOPIKA
						
THAHA	SAMNAN	PRANAV	AMEEN	MINHAJ	ZAFAR	THANHA
						
ALAN	IHSAN	ROSHAN	NANDANA	BENSON	VAFA	ASHFAQUE
						
DANISH	DIYA	HANEEN	BASIL	DEVIKA	AMAN	LUKUMAN
						

**KMCT** COLLEGE OF ENGINEERING

**Department of Electronics & Communication Engineering**

**S8 Result**

*Congratulations*







		
Atwifa P	Basila EM	Liya Fathima
		
Malavika K	Muhammed Fanas T	Nandana QC

**S8 university exam toppers**  
**DEPARTMENT OF CIVIL ENGINEERING**

*Congratulations*

			
Sneha Suresh	Raveena P	Archana K	Shamil
			
Muhammed Noufal V K	Sreerag	Arsha Theruvath	Sneha Priya P
			
Fathima Mirsa K C	Shibila K	Muhammed kamil	Rifan P K
			

**KMCT** COLLEGE OF ENGINEERING  
**CONGRATULATIONS**  
**DEPARTMENT OF INFORMATION TECHNOLOGY**  
EIGHTH SEMESTER UNIVERSITY EXAM TOPPERS

		
Abdul Basith	Shabnam Edakkuni	Hiba C.T
		
Shobith Krishna	Hazil Hassan	DEEPAK NARAYANAN



**MEET THE PROUD ACHIEVERS OF KMCTCOE**

**Department of Civil Engineering**



Sneha Suresh



Raveena P



Archana K



Nayana C



Muhammed Noufal VK



Vyshnav MK



Arsha Theruvath



Sneha Priya PS



Fathima Mirsu KC



Shihila K



Fathima Rinsa K



Rifan PK

*Placed at* 

**Department of Electrical and Electronics Engineering**



Nihal Nazer



Ghani Albague NK



Jadeer A Salam



Sijo Sam

*Placed at* 



*Placed at*  
 **Birdeye**



## DEPARTMENT OF MECHANICAL ENGINEERING

INTERNSHIP AT KOZHIKODE DIESEL POWER PROJECT



Mohamed Ashique



Sinas Abdulla



Ahammed Hisham K P



Gautham M

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



Ansari Muhammed Irfan

*Placed at*



Abhinand

*Placed at*

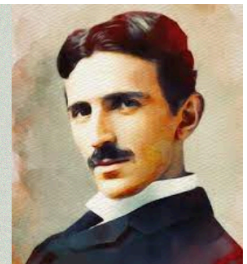


Muhammed Aman T.K

*Placed at*



**"What one man calls God,  
another calls the laws of physics."**



Nikola Tesla



97 45 72 68 88  
90 48 56 68 88



kmctcoe.ac.in



Kalanthode, NIT Campus (P.O)  
Kozhikode, Kerala-673601

## *Congratulations*

FOR GETTING PLACED WITH



**LANDMARK BUILDERS**



**FATHIMA FARHANA K P**  
MBA  
Business Development Officer

FOR GETTING PLACED WITH



**GOKULAM GALLERIA**



**VIJITHA K M**  
MBA  
Marketing Executive

FOR GETTING PLACED WITH



**Hilite Groups**



**MOHAMMED SHAHZIN S**  
MBA  
Asst. Event Marketing Coordinator

FOR GETTING PLACED WITH



**Hilite Groups**



**ANEESUDDIN HAMZA**  
MBA  
Asst. Event Marketing Coordinator

**"If you want to shine like  
a sun, first burn like a  
sun."**



**Dr. APJ Abdul Kalam**



97 45 72 68 88  
90 48 56 68 88



[kmctcoe.ac.in](http://kmctcoe.ac.in)



Kalanthode, NIT Campus (P.O)  
Kozhikode, Kerala-673601