

KMCTCOE CHRONICLE

The Official Newsletter of KMCT College of Engineering

DECEMBER 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 Komath Mehboob Charitable Trust in Kozhikode, Kerala, is affiliated with APJ Abdul Kalam Technological University and approved by AICTE, New Delhi. The institution offers seven B.Tech programmes and three postgraduate programmes- 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.



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

Orientation Programme Glimpses



Second Place in Hackathon Challenge

The Department of Computer Science and Engineering proudly congratulates Ekadath K, Muhammad Sinan KT, and Rahul R (S7 CSE) for securing Second Place in the Hackathon Challenge organized by the Community Digital Learning Space, Thamarassery. The team showcased exceptional problem-solving skills, creativity, and technical expertise throughout the competition. Competing against several talented participants, they demonstrated strong teamwork and innovative thinking, earning well-deserved recognition.

This achievement reflects the department's commitment to fostering innovation, collaboration, and practical learning among students. The institution extends its heartfelt congratulations to the winners and wishes them continued success in their future endeavors.



The graphic features the KMCT logo at the top left. The word "CONGRATULATIONS!" is written in a large, blue, hand-drawn font. Below it is a photograph of three students (Ekadath K, Muhammad Sinan KT, and Rahul R) standing together, with one student holding a certificate. The names of the students and their department (S7-CSE) are listed below the photo. The text "FOR SECURING 2ND PLACE" is written in bold blue letters, followed by "in the HACKATHON CHALLENGE". At the bottom, it says "Organised by COMMUNITY DIGITAL LEARNING SPACE THAMARASSERY". The graphic is decorated with blue and yellow wavy lines.

 **KMCT**
COLLEGE OF ENGINEERING

CONGRATULATIONS!



EKADATH K (S7-CSE)
MUHAMMAD SINAN KT (S7-CSE)
RAHUL R (S7-CSE)

FOR SECURING 2ND PLACE
in the
HACKATHON CHALLENGE

Organised by
COMMUNITY DIGITAL LEARNING SPACE
THAMARASSERY



One-Day Workshop on “Beyond the Syllabus: Create GenAI Projects That Shape Your Future”

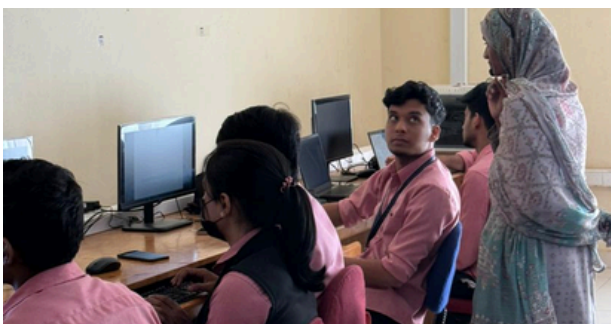
The Department of Information Technology, KMCT College of Engineering, successfully organized a One-Day Workshop titled “Beyond the Syllabus: Create GenAI Projects That Shape Your Future” on 16th December 2025 at the Advanced Software Lab.

The session was handled by Ms. Aysha Hamna, Data Science Consultant at RP2 India Pvt. Ltd. The workshop focused on practical exposure to Generative AI tools, enabling students to build mini projects and explore emerging AI career paths.

Participants gained hands-on experience in applying GenAI tools to real-world problems. The session emphasized:

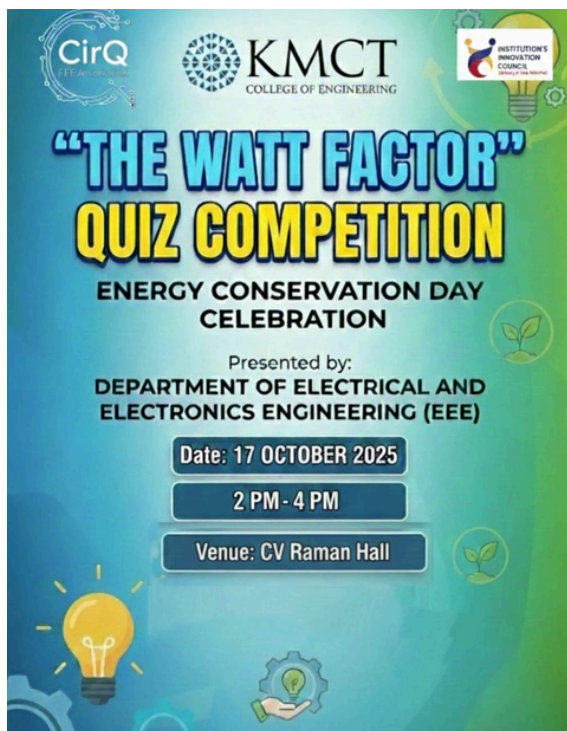
- Practical implementation of Generative AI tools
- Building mini AI-based projects
- Understanding AI-driven career opportunities
- Exploring applications beyond academic syllabus

The workshop was convened by Mrs. Anju C.R., HOD, Department of IT, and coordinated by Mrs. Jinsha V.S., Assistant Professor. The programme witnessed enthusiastic participation from students, making it highly interactive and skill-oriented. This initiative reflects the department's commitment to equipping students with industry-relevant skills and preparing them for future technology-driven careers.



“The Watt Factor” Quiz Competition – Energy Conservation Day Celebration

The Department of Electrical and Electronics Engineering (EEE), KMCT College of Engineering, organized “The Watt Factor” Quiz Competition on 17th October 2025 from 2:00 PM to 4:00 PM at CV Raman Hall, as part of the Energy Conservation Day celebrations. The event aimed to create awareness about energy conservation, sustainable practices, and efficient power utilization among students. The quiz competition featured multiple rounds that tested participants’ knowledge in areas such as renewable energy, electrical systems, energy efficiency technologies, and environmental sustainability.



Blood Donation Camp by NSS Volunteers

The NSS Volunteers of KMCT College of Engineering actively participated in a blood donation drive held at MVR Cancer Centre on 17th December 2026.

The initiative aimed to support patients in need and promote the spirit of social responsibility among students. The volunteers enthusiastically donated blood, demonstrating compassion, unity, and commitment towards community service. The programme reflected the core values of NSS in fostering humanitarian service and contributing to a noble cause for society.



Career Guidance Session in Association with Santamonica

The Training and Placement Cell of KMCT College of Engineering organized a comprehensive Career Guidance Session for pre-final and final year students in association with Santamonica Study Abroad Pvt. Ltd. on 18-02-2026. The session was handled by Mrs. Gana, who guided students in making informed academic and professional decisions. The programme focused on exploring higher education opportunities, career pathways, and global study options aligned with students' interests and abilities. Students were provided with detailed insights into study abroad prospects, admission procedures, and the necessary preparations for future academic and professional growth. The interactive session helped participants gain clarity about their career choices and motivated them to plan strategically for a successful future.



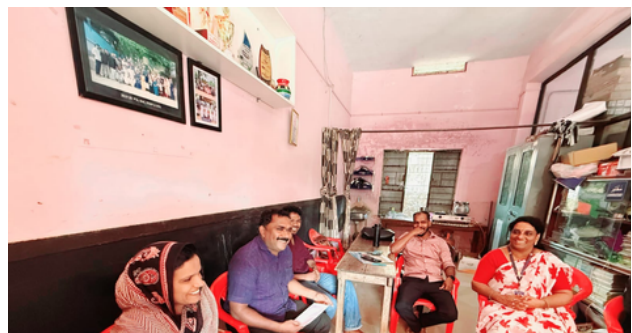
NSS Annual 7-Day Special Camp 2025

The NSS Unit 188 of KMCT College of Engineering successfully organized the Annual 7-Day Special Camp from 20th to 26th December 2025 at Government LP School, Thencheri under the APJ Abdul Kalam Technological University NSS Cell.

The camp was inaugurated by Mr. Saji Mon (Head Master) in the presence of Mr. Safarulla (PTA President), Mr. Sourav (Ward Member), Mr. Anoop (Associate Professor, Mechanical Department), Ms. Nishidha (Programme Officer), and Mr. Ganesh (Assistant Programme Officer).

Throughout the week, NSS volunteers actively participated in various community service activities, awareness programmes, and interactive sessions aimed at promoting social responsibility and community development. The camp provided students with meaningful exposure to societal issues and encouraged them to contribute positively through service-oriented initiatives.

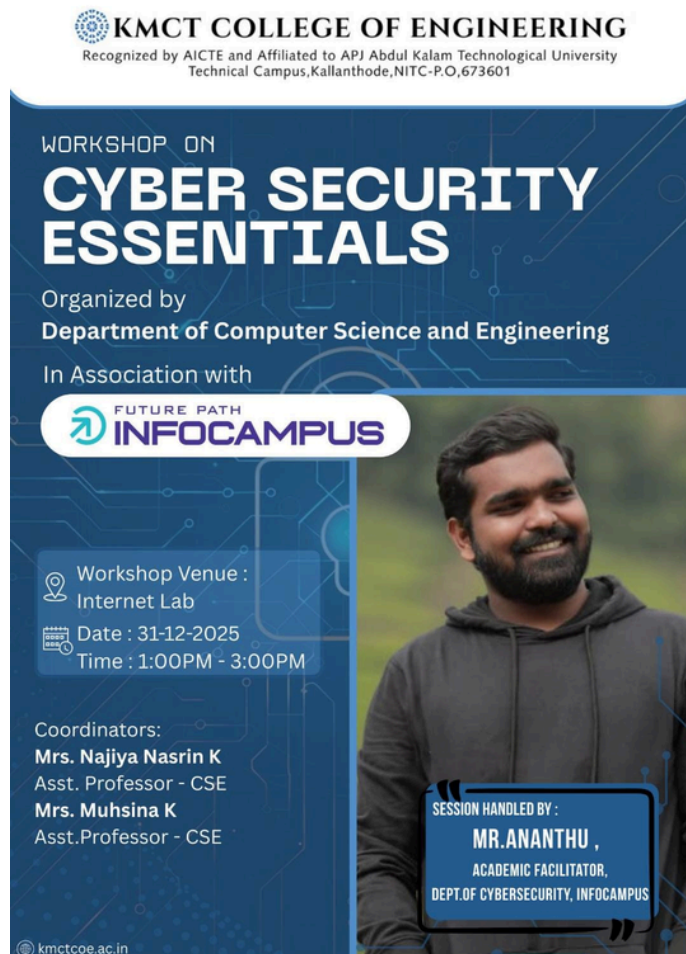
The programme strengthened leadership qualities, teamwork, empathy, and a sense of civic responsibility among the volunteers, truly reflecting the NSS motto – “Not Me, But You.”



Workshop on Cyber Security Essentials

The Department of Computer Science and Engineering, KMCT College of Engineering, organized a workshop on “Cyber Security Essentials” on 31st December 2025 at the Internet Lab, in association with Future Path Infocampus. The session was handled by Mr. Ananthu, Academic Facilitator, Department of Cybersecurity, Infocampus. The workshop focused on introducing students to fundamental concepts of cybersecurity, common cyber threats, ethical practices, and preventive security measures in the digital world.

Participants gained practical insights into securing personal and organizational data, understanding cyber vulnerabilities, and exploring career opportunities in the cybersecurity domain. The interactive session helped students enhance their awareness of digital safety and the importance of responsible online practices. The programme was coordinated by Mrs. Najiya Nasrin K and Mrs. Muhsina K, Assistant Professors, Department of CSE. The workshop witnessed active participation from students and successfully strengthened their foundational knowledge in cybersecurity.



KMCT COLLEGE OF ENGINEERING
Recognized by AICTE and Affiliated to APJ Abdul Kalam Technological University
Technical Campus, Kallanthode, NITC-P.O, 673601

WORKSHOP ON
CYBER SECURITY ESSENTIALS

Organized by
Department of Computer Science and Engineering

In Association with
FUTURE PATH INFOCAMPUS

Workshop Venue :
Internet Lab

Date : 31-12-2025
Time : 1:00PM - 3:00PM

Coordinators:
Mrs. Najiya Nasrin K
Asst. Professor - CSE
Mrs. Muhsina K
Asst. Professor - CSE

SESSION HANDLED BY :
MR. ANANTHU ,
ACADEMIC FACILITATOR,
DEPT. OF CYBERSECURITY, INFOCAMPUS

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Seminar on Fast Frequency Response with Distributed Resources

The Department of Electrical and Electronics Engineering (EEE) is pleased to report the participation of final year students and three faculty members in the SPARC-sponsored seminar titled “Fast Frequency Response with Distributed Resources: Control Strategies, Case Studies and Modelling Uncertainty”, held on 01 December 2025 at the National Institute of Technology (NIT), Calicut.

The seminar featured an in-person interactive session by Dr. Johanna Vorwerk, DTU Denmark, who delivered an insightful talk on emerging technologies in modern power systems with renewable energy integration. The session emphasized the critical role of fast frequency response in ensuring grid stability amidst increasing renewable penetration.

The programme provided an excellent platform for technical discussions, knowledge exchange, and academic collaboration. It enabled students and faculty to gain deeper insights into advanced control strategies and real-world case studies related to modern power system operations.



FAST FREQUENCY RESPONSE WITH DISTRIBUTED RESOURCES:
CONTROL STRATEGIES, CASE STUDIES, AND MODELING UNCERTAINTY
SPARC Sponsored Seminar

An In-Person Interactive Session
DR. JOHANNA VORWERK
DTU DENMARK

01 DEC 2025
10:30 AM - 12:30 PM

JOIN US

 <https://forms.gle/tMtfZFnFZlJtx6D98>

Seminar Hall I
Electrical PG Block
National Institute of Technology Calicut



Academic Enrichment through AI-Focused FDPs



Ms. Remmya C B

Ms. Remmya C B, Assistant Professor, Department of MCA, actively participated in two Faculty Development Programmes focused on emerging applications of Generative AI in education and research. She successfully completed a 5-day FDP on “Generative AI in Education, Research and Innovation” organized by the Department of Computer Applications, SAINTGITS College of Engineering, from 15th December 2025 to 19th December 2025. The programme provided valuable insights into integrating Generative AI tools in academic teaching, research methodologies, and innovative practices. She also attended a 3-day FDP on “Empowering Educators: FDP on Generative AI and Prompt Engineering 2025” organized by the Indian Council for Research and Development (ICRD) from 8th December 2025 to 10th December 2025. The session focused on prompt engineering techniques, effective use of AI tools in classroom environments, and enhancing research productivity through AI-driven approaches. These programmes strengthened her expertise in applying Generative AI technologies in education, research, and innovation, contributing to academic excellence and professional development.

FDP on “Generative AI and Prompt Engineering 2025”



Ms. Resmi S.R

Ms. Resmi S.R, Assistant Professor, Department of MCA, attended the Faculty Development Programme titled “Generative AI and Prompt Engineering 2025”, organized by the Indian Council for Research and Development (ICRD) from 08/12/2025 to 10/12/2025. The programme focused on advanced prompt engineering techniques and the effective use of Generative AI tools in teaching, research, and academic content creation. The sessions provided hands-on exposure to AI-driven platforms, enabling educators to enhance instructional delivery and research productivity. The FDP strengthened her understanding of practical AI applications in academia and supported her continuous professional development in emerging technologies.

“If you fail, never give up because FAIL means 'First Attempt In Learning'.”



Dr. APJ Abdul Kalam



Strengthening Expertise in Generative AI Applications

Ms. Sharafunnissa O, Assistant Professor, Department of MCA, actively participated in two Faculty Development Programmes focused on emerging applications of Generative Artificial Intelligence. She successfully completed the 5-day FDP on “Generative AI in Education, Research and Innovation”, organized by the Department of Computer Applications, SAINTGITS College of Engineering, from 15/12/2025 to 19/12/2025. The programme emphasized the integration of



Ms. Sharafunnissa O

Generative AI tools in teaching, research methodologies, and innovative academic practices. She also attended the 3-day FDP on “Empowering Educators: Generative AI and Prompt Engineering 2025”, organized by the Indian Council for Research and Development (ICRD) from 8th December 2025 to 10th December 2025. The sessions focused on prompt engineering techniques and the effective use of AI tools to enhance instructional delivery and research productivity.

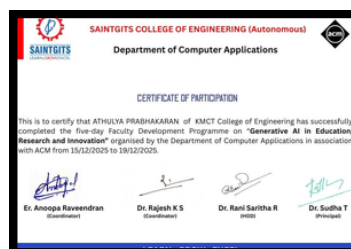
FDP on “Modern Web Development & AI Integration”



Ms. Athulya Prabhakaran

Ms. Athulya Prabhakaran, Assistant Professor, Department of MCA, actively participated in two Faculty Development Programmes focused on emerging technologies in web development and artificial intelligence. She successfully completed a five-day FDP on “Modern Web Development & AI Integration” organized by Edunet Foundation under the Next Gen

Employability Program from 08 December 2025 to 12 December 2025. The programme enhanced her technical and teaching competencies in industry-oriented technologies, covering modern front-end and back-end development concepts, responsive design practices, current frameworks, and the integration of AI into web applications. She also completed a five-day FDP on “Generative AI in Education, Research and Innovation”, organized by the Department of Computer Applications, Saintgits College of Engineering (Autonomous) in association with ACM, from 15/12/2025 to 19/12/2025. The programme focused on leveraging Generative AI tools in teaching-learning processes, research methodologies, and innovative academic practices. Her participation in these FDPs reflects her commitment to continuous professional development and the adoption of emerging technologies in higher education.



Faculty Participation in FDP on Foundations of Computing

Ms. Ranjana C, Assistant Professor, Department of Computer Science and Engineering, KMCT College of Engineering, Calicut, successfully participated in a six-day Faculty Development Programme (FDP) titled “Bridging Theory and Practice in Foundations of Computing.” The programme was organized by the Department of Computer Engineering, College of Engineering Chengannur (CEC), an institute under the Institute of Human Resources Development (IHRD), Government of Kerala, and was held from 1st to 6th December 2025.



Ms. Ranjana C

The FDP focused on strengthening core computing concepts while effectively connecting theoretical foundations with practical applications. The sessions provided valuable insights into contemporary approaches in computing education, pedagogical strategies, and emerging trends in the field. Participation in this programme contributed significantly to professional development and enhanced teaching methodologies, thereby supporting academic excellence and continuous learning.



Faculty Member Recognized as Reviewer at ICSPCI-2025



Ms. Ranjana C, Assistant Professor, Department of Computer Science and Engineering, KMCT College of Engineering, was honored with a Certificate of Appreciation for her valuable contribution as a Reviewer at the International Conference on Emerging Trends in Signal Processing and Computational Intelligence (ICSPCI-2025). The conference was held from 3rd to 5th December 2025 at

Government Engineering College, Kozhikode, and was organized in association with IEEE Kerala Section. Her role as a reviewer contributed significantly to maintaining the academic quality and technical rigor of the conference proceedings.

This recognition highlights her expertise and active involvement in scholarly activities and reflects the institution's commitment to research excellence and academic engagement at national and international levels.

Faculty Participation in AICTE-ATAL FDP on Next-Gen Intelligence

Mrs. Nilovena K V, faculty member of KMCT College of Engineering, successfully completed the AICTE Training and Learning (ATAL) Academy Faculty Development Programme on "Next-Gen Intelligence: HPC, Applied AI, and Data Science." The programme was conducted at TOC H Institute of Science & Technology from 8th to 13th December 2025.



Mrs. Nilovena K V

Organized under the aegis of the All India Council for Technical Education (AICTE), the FDP focused on emerging technologies in high-performance computing, applied artificial intelligence, and data science. The sessions provided in-depth exposure to advanced concepts, hands-on learning, and contemporary research trends, enabling participants to strengthen both technical expertise and pedagogical practices. Participation in such nationally recognized programmes reflects the institution's commitment to continuous professional development and adoption of cutting-edge technologies in teaching and learning.



Student Achievements



CONGRATULATIONS!



AASHISH VINU (S7- CSE)
for
YOUR SUCCESSFUL PLACEMENT AS AN INTERN
at
PREVALENT AI

