



Greetings from the CSE Family

The KMEA Engineering College established in 2002, is dedicated to the memory of Sri. C. H. Mohammed Koya, with the aim of setting up high-quality education at par with global standards, promoting education among minority communities, and providing financial aid to the economy's weak and deserving students.

Currently, the college offers B.Tech degrees in six engineering subjects, Civil, Mechanical, Electrical and Electronics, Electronics and Communication, Electronics and Instrumentation, and Computer Science, KMEA is affiliated with the APJ Abdul Kalam Technological University, Thiruvananthapuram, and approved by AICTE.

KMEA is committed to providing high-quality education for all of its students. When it comes to the students, KMEA Engineering College leaves no stone unturned with highly qualified faculty and the best infrastructure facilities.

About the Department

The Department of Computer Science and Engineering was established in the year 2002. The department offers both undergraduate and postgraduate programs in Computer Science & Engineering.

The Department has a high faculty-to-student ratio, ensuring that the students will always have ready access to our faculty. A team of well-qualified faculty that keeps their knowledge up-to-date by attending conferences and workshops on a regular basis is a major asset of the department. They are specialized in areas of data and computer security, computer networks, mobile computing, image processing, data mining, artificial intelligence, etc. They encourage students' involvement in various co-curricular activities along with their academics. All faculty actively strive to improve their quality by participating in research-oriented programs and quality improvement training.

The Department molds young outstanding engineers who are academically strong in both theory and practical. The department is constantly producing good results in the University examinations.

VISION

To be a premier department nurturing students to become academically, socially and industrially competent computer professionals and researchers contributing innovations for the betterment of the society.

MISSION

- To invigorate academic environment by providing an exposure to advanced technologies with an emphasis on basic principles of computer science and engineering.
- To enhance leadership, problem solving and entrepreneurship skills and inculcate social responsibilities and ethical values in students.
- To encourage students for pursuing higher education, research and innovations.

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PROGRAM EDUCATIONAL OBJECTIVES(PEO)

PEO1:- Acquire knowledge in the subject domain and apply it together with hardware and software skills in the design and implementation of systems that are adaptable to industrial trends.

PEO2:- Socially committed to moral and ethical values in bringing socially acceptable solutions to real-world problems for society through innovations and entrepreneurial activities and enhancing the interpersonal, leadership, and professional skills to lead a successful career and life.

PEO3:- Actively engage in a continuous learning process adapting to the current trends by engaging in lifelong learning, thus pursuing higher studies and research in the subject domain.

PROGRAM SPECIFIC OUTCOMES(PSO)

PSO1:- Our graduates will analyze, design, and solve problems of varying complexity in the fields of Computer Science and Engineering.

PSO2:- Our graduates will function responsibly and ethically, fully committed to the profession and society.

PSO3:- Our graduates will have the ability to apply their knowledge and skills to succeed in their careers and productively engage in innovations and higher learning.

DEPARTMENT FACULTY



Principal's Message



Dr. Amar Nishad T M

Principal & Director

KMEA Engineering College

At the outset, I heartily congratulate the Department of Computer Science and Engineering for publishing this edition of the departmental newsletter.

The introduction of this newsletter is the result of your confidence, creativity, and innovation. The College has made tremendous progress in the fields of academics, non-academics, and capacity building relevant to staff and students. I once again congratulate the whole team and hope this will prove to be a milestone in the digital journey of KMEA Engineering College as well as the Department of Computer Science and Engineering.

The wide spectrum of articles in different sections gives me a sense of pride that our students and

professors possess potential in diverse fields. Also, my heartfelt congratulations to staff members and students for their fruitful effort.

HOD's Message

I wish to extend my sincere congratulations on the publication of our departmental newsletter. This newsletter's launch is the product of your assurance, imagination, and invention.

The college has made outstanding strides in every area of academic, non-academic, and staff and student capacity building. I am sure that the staff and students who are interested in technical education and activities based on technology will receive a favorable message from this issue of the department newsletter.

The development of writing abilities among teaching staff and students in particular generally occurs as a result of a newsletter, which is similar to a mirror that reflects a clear picture of all the activities carried out by a department. I would like to appreciate the Editorial Board of this newsletter for their excellent work in completing the mission in record time.



Dr. Rekha Lakshmanan

HOD, Department of Computer Science and Engineering

EVENTS

TECH HUNT –Career Guidance Workshop

The Department of Computer Science and Engineering, in collaboration with TEP Cell & CSI, organized a career guidance workshop at KMEA Engineering College for S1 students in CSE & ECE. Mr. Josemon M.A, an esteemed alumnus and software trainer, was the keynote speaker. He shared insights about the software industry, job opportunities, and the importance of pursuing one's interests in career choices. The session was engaging, allowing students to clear doubts and gain valuable information. The workshop's success lay in empowering students with essential tools for career success and encouraging them to take the initial steps toward achieving their professional goals. This event provided valuable guidance and motivation to help students make informed choices and succeed in their future careers.



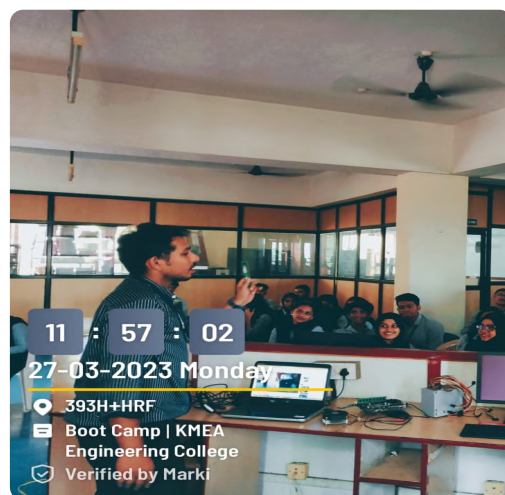
FACULTY DEVELOPMENT PROGRAM

The Department of Computer Science and Engineering conducted a Faculty Development Program (FDP) on Machine Learning, designed to equip faculty members with the essential skills for instructing students in this field. Spanning two days, the FDP covered a range of topics, encompassing the fundamentals of machine learning, supervised and unsupervised learning, and deep learning. Mr. Sumod Sundar, Assistant Professor at TKM Engineering College, served as the keynote speaker. His presentation emphasized effective teaching methods for beginners, highlighting the value of real-world examples and hands-on experience. This FDP was a resounding success, furnishing faculty members with the necessary tools to teach machine learning and ensuring they remain current with the latest advancements in the field.



PC Assembling And OS Installation

The Computer Science and Engineering department executed a well-organized workshop focused on OS installation and PC assembly on March 27, 2023. Targeted at first-year students, the workshop was expertly guided by Mr. Ajmal E B, a faculty member of the CSE department. The session delved into the intricacies of PC components, elucidating their functions and interconnections



IoT Workshop



The Department of Computer Science and Engineering organized an engaging IoT workshop on May 29th and 30th, 2023. The workshop was skillfully led by Muhammed Jezwan M A, a student from S6 CSE. This interactive session delved into the world of Internet of Things (IoT), covering its principles, applications, and practical implementation. Participants had the opportunity to explore the intricacies of IoT technology .

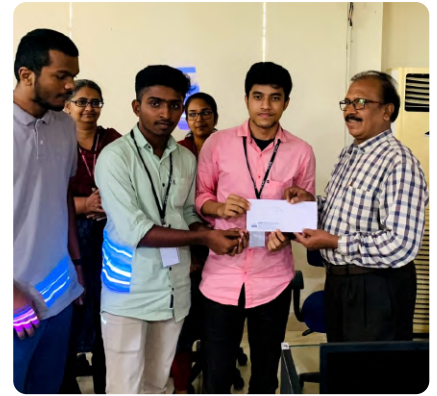
Add on Program-Cloud Computing

The Department of Computer Science and Engineering hosted an insightful Add-on program on cloud computing from March 16th to 18th, 2023. Guided by the expertise of Ms. Maya Menon, the program delivered a wealth of knowledge to the S6 CSE students. This informative session delved into various aspects of cloud computing, offering valuable insights into its principles and applications. What set this program apart was its integration of practical lab sessions, enabling students to apply their newfound knowledge in real-world scenarios. The combination of theoretical understanding and hands-on experience made it a highly beneficial and well-rounded learning opportunity for the participants.



Hac'K 23 Hackathon

The Department of Computer Science and Engineering orchestrated the successful "Hac'K 23 Hackathon" as a prominent feature of Kapricious '23. This 24-hour software-based hackathon, held on April 28th and 29th, 2023, was designed to ignite innovation and enhance technical skills in aspiring minds. It focused on emerging domains like Agro tech, Medtech, and Blockchain, challenging participants to create groundbreaking solutions.



Coordinated by Mansoor Majeed and Shahanaz A H, both from S6 CSE, the event witnessed enthusiastic participation from eight teams. Five teams hailed from various colleges across Kerala, while three represented the campus. "Hac'K 23 Hackathon" not only showcased the talent and creativity of young tech enthusiasts but also fostered collaboration and problem-solving in the ever-evolving tech landscape.

Worst Code



The Department of Computer Science and Engineering provided an innovative platform for unleashing creativity and technical skills with the "Worst Coding" challenge, a captivating part of Kapricious'23 on April 28th, running from 10 am to 12.30 pm. This two-hour coding challenge aimed to inspire participants to craft unconventional and imaginative code designs using various programming languages. The session was skillfully coordinated by Aman T F from S6 CSE.

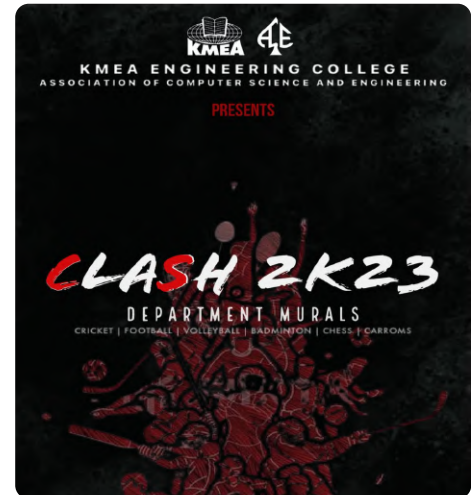
Coding Challenge

The Department of Computer Science and Engineering orchestrated a thrilling coding challenge as an integral component of Kapricious '23. This intense 4-hour competition, diligently coordinated by Abdul Sameeu from S6 CS, zeroed in on data structures and algorithms. Participants were presented with eight intricate questions designed to assess their programming prowess. Held on April 28th as part of the tech fest Kapricious'23, the competition pushed participants to their limits, requiring them to leverage their knowledge of data structures and algorithms to solve complex problems.



CLASH 2K23-Department Murals

The Department of Computer Science and Engineering organized the highly anticipated sports extravaganza, CLASH 2K23, from March 13th to 15th, 2023. This event brought together students from the department for a thrilling showcase of athletic talent and camaraderie. A diverse array of sports was on the roster, including cricket, football, volleyball, badminton, chess, and carroms.



IFTAR MEET



The Department of Computer Science and Engineering organized an Iftar gathering during the holy month of Ramadan on April 12, 2023. This event was designed to bring together all the students within the department, fostering a sense of unity and inclusivity. It provided an opportunity for students to break their fast together, share meaningful conversations, and strengthen their bonds.

AI FOUNDATION STUDENT'S CHAPTER

The AI Foundation chapter at KMEA Engineering College was inaugurated on April 17, 2023, heralding a new era of technological excellence. This landmark event symbolizes the institution's dedication to fostering innovation and knowledge in artificial intelligence.



CIAO-FAREWELL 2019-2023

The Department of Computer Science and Engineering (CSE) orchestrated a heartfelt farewell celebration named "Ciao" to bid adieu to the graduating students of the 2019-2023 batch. The event was a poignant blend of emotions, with an atmosphere saturated in immense joy and nostalgia, but also tinged with tears as the students prepared to leave their academic haven.

This memorable day was marked by students sharing their profound college memories. Laughter and tears flowed freely as they recounted the friendships, challenges, and triumphs that defined their time together. "Ciao" encapsulated the essence of their academic journey, emphasizing the bonds formed and the personal growth achieved during their years in the CSE department.



Mou with Techbyheart



SCHOOL PROGRAM



ACHIEVEMENTS

STARTUP REGISTERED



It's a moment of immense pride for the Department of Computer Science and Engineering as students from both S4 and S6 have come together to establish a promising startup named "TZETIT SOLUTIONS PVT LTD." This entrepreneurial endeavor signifies the department's commitment to fostering innovation and empowering its students to transform their ideas into real-world ventures.

INTERNSHIP



Faeza Nasrin

Placed as 3 month
intern at Gtech



Afla Nazrin

Placed as 1 month
intern at K-DISC



Ashna T

Placed as 3 month
intern at Gtech

ACHIEVEMENTS

PLACEMENT



Mohammed Fazeem Harees
Linsys Innovations



Adila Abdul Salam
Linsys Innovations



Adil Abdul Salam
Linsys Innovations



Rizvin K Salim
Thoughtbox Online Service



Amrutha P S
Thoughtbox Online Service



Sona Lazar
Thoughtbox Online Service



R Kamlesh Kumar
S7 CSE

Selected as 3rd reserve position for Kerala Technological University Soft ball men team 2022-23



Abida P A
S7 CSE
India Book of Records

Writing Asma ul husna(99 names of god)in Arabic Calligraphy

ACHIEVEMENTS

Winners (2019-2023)

Topper



Athira Menon
(CGPA-8.95)

Best Outgoing Students



Hairunesa
Beevi



Muhammed
Shiras

EDITORIAL BOARD

Abeera V P

Assistant Professor, CSE Department

Shahanaz A H

S6 CSE

Nadeem Jaleel

S4 CSE

Jalwa Jannath PN

S2 CSE

Sulekha Hannath

S2 CSE

Limiya O Nysam

S2 CSE

Adhen Sara George

S2 CSE