



KMCT.org
GROUP OF INSTITUTIONS

**KMCT INSTITUTE OF EMERGING
TECHNOLOGY AND MANAGEMENT**



Approved by AICTE and
affiliated to APJ Abdul Kalam
Technological University



*Redefine Engineering Education
and Embrace the Opportunities of
Emerging Technologies*

KMCT INSTITUTE OF EMERGING TECHNOLOGY AND MANAGEMENT

KEAM CODE - KMT

For Admissions

+918929000421

www.kmct.org





A VISIONARY VENTURE BY THE ESTEEMED MANAGEMENT OF KMCT MEDICAL COLLEGE

(The First & Only NAAC Accredited Medical College in Kerala)



KMCT INSTITUTE OF EMERGING TECHNOLOGY AND MANAGEMENT

Set against the picturesque backdrop of Mukkam, the KMCT Institute of Emerging Technology & Management stands tall as a beacon of excellence in engineering education, committed to shaping the technology of tomorrow. Spearheaded by Dr. Navas K. M., a strategic leader with a dynamic approach, this innovative venture is one among the very few engineering colleges nestled within a dynamic group that also hosts a prestigious medical college.

Born out of the desire to bridge a crucial gap within the esteemed healthcare institutions of the Mukkam campus, which include the prestigious KMCT Medical College, KMCT Dental College, and KMCT Ayurveda Medical College, this institution marks a significant addition to the diverse array of offerings under the KMCT group's healthcare umbrella. It serves as a vibrant hub for interdisciplinary research, fostering innovation across the spectrum of courses offered within the KMCT group of Institutions. With the pervasive influence of artificial intelligence and machine learning in modern society, KMCT is poised to lead the charge in embracing these transformative technologies.

Under the guidance of a visionary principal, boasting a PhD in Computer Science & Engineering and a wealth of experience in both industry and academia nationally and internationally, our college shines with an exceptional faculty and state-of-the-art facilities. We offer four B.Tech programmes alongside a range of postgraduate, graduate, and diploma programmes in design, computer applications, business administration and engineering, all accredited by AICTE and affiliated with APJ Abdul Kalam Technological University, showcasing the diversity of our educational offerings.

Dedicated to embracing and synergising emerging technologies like cybersecurity and artificial intelligence across all disciplines, particularly in healthcare, our institution is focused on equipping students to thrive in the rapidly evolving landscape of engineering and emerging technology. Our aim is to actively contribute to India's digital revolution by nurturing a generation of forward-thinking professionals poised to lead the charge.



VISION

Innovate, Educate, Elevate: Forging Paths to Technical Excellence and Leadership.



MISSION

- To provide students with a quality education that cultivates leadership and expertise in their chosen fields.
- To foster a culture of innovation and continuous learning, empowering students to think boldly and effect positive change.
- To engage in cutting-edge research that addresses real-world challenges and contributes to the betterment of society.





KMCT.org
GROUP OF INSTITUTIONS

KUNHITHARUVAI MEMORIAL CHARITABLE TRUST

The Kunhitharuvai Memorial Charitable Trust, or KMCT, was established in 1999 by Dr. K. Moidu, a leading medical practitioner and a visionary educationist, for imparting quality education in different professional fields. KMCT is located in the serene hillocks of Mukkam, around 25 KM from Calicut in Kerala. Away from the commotion of the city, the campus is set in a lush green and tranquil environment - an ideal place to pursue education.

BOARD OF DIRECTORS



Dr. K. Moidu
Founder Chairman
KMCT Group of Institutions



Dr. Navas K. M.
Chairman
KMCT Group of Institutions



Dr. Ayisha Nazreen
Executive Trustee & Director
KMCT Group of Institutions



OUR INSTITUTIONS


 KMCT INSTITUTE OF EMERGING TECHNOLOGY AND MANAGEMENT

 KMCT INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH

 KMCT INSTITUTE OF PHARMACY

 KMCT INSTITUTE OF TECHNOLOGY AND MANAGEMENT

 KMCT MEDICAL COLLEGE

 KMCT INSTITUTE OF ENGINEERING AND MANAGEMENT

 KMCT SCHOOL OF MANAGEMENT STUDIES

 KMCT DENTAL COLLEGE

 KMCT COLLEGE OF PHARMACY

 KMCT SCHOOL OF BUSINESS MANAGEMENT

 KMCT COLLEGE OF NURSING

 KMCT COLLEGE OF TECHNOLOGY AND MANAGEMENT

 KMCT COLLEGE OF HOTEL MANAGEMENT AND CATERING TECHNOLOGY

 KMCT SCHOOL OF NURSING

 NATIONAL COLLEGE OF PHARMACY


 KMCT COLLEGE OF ARCHITECTURE

 KMCT NATIONAL HOSPITAL INSTITUTE OF HEALTH SCIENCES

 KMCT COLLEGE OF ENGINEERING AND MANAGEMENT

 KMCT LAW COLLEGE

 KMCT COLLEGE OF ALLIED HEALTH SCIENCES

 KMCT AYURVEDA MEDICAL COLLEGE

 KMCT SCHOOL OF DESIGN

 KMCT INSTITUTE OF ALLIED HEALTH SCIENCES

 KMCT SCHOOL OF MANAGEMENT

 KMCT ARTS & SCIENCE COLLEGE

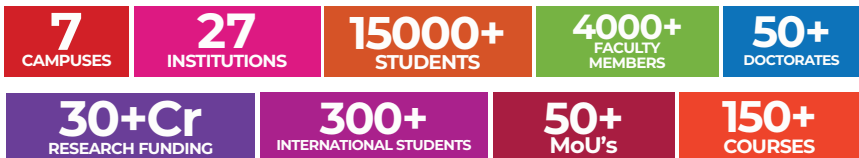
ACCREDITATIONS



KMCT HOSPITALS



HIGHLIGHTS





From the **Principal's Desk**

Dear Students, Faculty, and Staff,

With great joy and renewed commitment, I welcome you all to the beginning of a new academic year - a year of special significance for all of us at KMCT IETM.

This year holds much promise, as our first batch of students prepares to graduate, a milestone that reflects our journey in shaping future-ready professionals who set a benchmark for all the batches to follow.

We are reorganizing classes based on performance to encourage excellence among high achievers and provide personalized support to those who need it. We are also launching our first Postgraduate Programs - MBA and MCA, opening new opportunities for higher education.

Our placement training program, already strong for final-year students, will soon include pre-final and second-year students to ensure early skill development and career readiness.

We are excited to launch our NSS unit, giving students a chance to serve society and grow as responsible citizens. Another highlight is the Pan-KMCT Arts Festival, where all 27 KMCT institutions will come together to celebrate creativity, culture, and camaraderie. With these milestones, let us step into the year with optimism, create memories, achieve new heights and shape brighter future.

Wishing you all a productive and fulfilling year ahead...

Prof. Dr. Abdul Gafur M.

B.Tech, M.Tech, Ph.D, FIE, SM-IEEE

HIGHLIGHTS



Dynamic leadership with a clear vision and mission



Dedicated and highly motivated team of faculty



Outcome-based teaching-learning process



Personal attention to each and every student



Excellent academic ambience



Extra curricular and co-curricular activities judiciously tailored with academics



Resourceful library and digital library with quality e-journals



State-of-the-art infrastructural facilities



Well-equipped laboratories and workshops



A highly disciplined environment for academic pursuits



Wi-Fi campus



Value-added courses offered to students



Career Guidance & Placement Cell



Incubation Centre to promote Start-Ups



Social outreach programs



Language Lab facility



Mentoring/counselling facility



Medical facility



State-of-the-art sports facilities



Indoor stadium and multigym



B.TECH ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

A B.Tech in Artificial Intelligence and Data Science equips individuals with the skills needed to meet the growing demands in these fields. The College's qualified mentors and unique teaching methods produce exceptional minds in AI and data science. KMCT-IETM provides excellent problem-solving and analytical skills training with industrial collaboration. The objective is to enable computers to solve everyday problems intelligently. AI will have significant applications in commerce and science, creating abundant job opportunities. Overall, this course offers cross-disciplinary expertise for a rewarding career. Job prospects include...

- Data Scientist
- Machine Learning Engineer
- AI Research Scientist
- AI Engineer
- AI Ethicist
- Robotics
- Big Data Engineer
- Data Analyst
- Business Intelligence Analyst
- AI Consultant
- AI Product Manager



B.TECH COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY)

The course Computer Science and Engineering with a specialization in Cyber Security, introduced by KMCT-IETM, offers significant job opportunities. The increasing prevalence of cyber-crime necessitates professionals in this field to address the issue. Graduates can expect an exciting career in this dynamic field with ample scope for growth and improvement. The curriculum focuses on cyber security principles and strategies to combat cyber threats arising from the widespread use of the internet and related media. Job prospects after completing this course include...

- Cyber Security Analyst
- Network Security Engineer
- Security Consultant
- Incident Responder
- Cryptographer
- Ethical Hacker (Penetration Tester)
- Security Operations Center (SOC) Analyst
- Information Security Manager
- Security Architect
- Threat Intelligence Analyst



B.TECH COMPUTER SCIENCE AND ENGINEERING

B.Tech in Computer Science and Engineering offers diverse career opportunities in the technology industry. Graduates can work as Software Engineers, Data Scientists, Web Developers, and more in sectors such as IT services, software development, finance, and healthcare. Specializations in Artificial Intelligence, cybersecurity, and computer networks allow for personalized career paths. The field provides a dynamic and challenging career, contributing to technological advancements and problem-solving.

- Software Engineer/Developer
- Data Scientist
- Web Developer
- Systems Analyst
- IT Project Manager
- Quality Assurance Engineer
- Generative AI Architect
- Network Administrator
- Database Administrator
- Cybersecurity Specialist
- Artificial Intelligence Engineer
- IT Consultant
- Agentic AI Architect



B.TECH ELECTRONICS AND COMMUNICATION ENGINEERING

A B.Tech in Electronics and Communication Engineering offers numerous career opportunities due to advancements in technology and the demand for communication systems. Graduates can work as Electronics Engineers, Telecommunication Engineers, and more in sectors like telecommunications, consumer electronics, defense, and research organizations. Specializations in wireless communication, embedded systems, and VLSI design allow for tailored career paths. The field offers a dynamic and fulfilling career, contributing to the development of cutting edge communication systems and technologies. Job prospects after completing this course include.

- Electronics Engineer
- Telecommunication Engineer
- Network Engineer
- Signal Processing Engineer
- RF Engineer
- Embedded Systems Engineer
- VLSI Engineer
- Project Manager



MASTER OF BUSINESS ADMINISTRATION (MBA) 2 YEARS DUAL SPECIALIZATION

Completing an MBA opens up diverse career opportunities across various industries and sectors. Some common career paths include management consulting, finance (investment banking, corporate finance), marketing management, operations management, human resources management, entrepreneurship, and general management. MBA graduates often pursue leadership roles in corporations, start their own businesses, or work in consulting firms. MBA can provide the skills and network needed for career advancement and transition into new fields. Career opportunities awaiting MBA graduates include

- Management Consultant
- Financial Analyst
- Investment Banker
- Marketing Manager
- Operations Manager
- Human Resource Management
- Business Development Manager
- Finance
- Product Manager
- Supply Chain Manager
- Human Resources Manager
- Entrepreneur/Startup Founder
- Marketing



MASTER OF COMPUTER APPLICATION (MCA)

A Master of Computer Application (MCA) degree opens up diverse and promising career opportunities in the field of Information Technology, Data Science, and Artificial Intelligence. The programme equips students with strong foundations in computing, programming, data management, and emerging technologies. MCA graduates are highly sought after by software companies, IT consulting firms, startups, government organizations, financial institutions, healthcare industries, and research organizations. With the rapid advancement of AI-driven and data-centric technologies, the demand for skilled MCA professionals continues to grow significantly

- Software Developer / Software Engineer
- Web Developer / Full Stack Developer
- Mobile Application Developer
- Machine Learning Engineer
- Business Intelligence Analyst
- Database Administrator
- IT Project Coordinator / Technical Consultant
- Research Assistant / Academic Roles (with higher qualifications)
- System Analyst
- Network Engineer
- Cloud Engineer
- Cyber Security Analyst
- DevOps Engineer
- Software Tester / QA Engineer
- Data Analyst
- Data Scientist
- AI Engineer



BACHELOR OF DESIGN (B. DES) (4 YEAR)

A Bachelor's in Design opens doors to diverse career paths, from Graphic and Industrial Design to UX and Fashion Design. Specializations include Interior Design, Animation, Illustration, and Game Design, catering to varied creative interests. With such breadth, a Design degree offers opportunities for fulfilling and dynamic careers. Some common job roles that graduates with a Bachelor's in Design might pursue:

- Fashion Designer
- Interior Designer
- Motion Graphics Designer
- Illustrator
- Game Designer
- Graphic Designer
- UI/UX Designer
- Web Designer
- Art Director
- Product Designer



BACHELOR OF COMPUTER APPLICATION (BCA) (4 YEAR)

The BCA programme offers a comprehensive education in various aspects of information technology, preparing students for a wide range of career opportunities. Graduates of the BCA programme can pursue careers in various in-demand IT industries. With the continuous advancement of technology and increasing demand for skilled IT professionals, BCA graduates are well-equipped to excel in the ever-evolving field of information technology.

- Software Developer/Engineer
- Web Developer
- Database Administrator
- Network Administrator
- Cybersecurity Analyst
- Mobile App Developer
- IT Consultant
- System Analyst
- Quality Assurance Tester
- Business Intelligence Analyst



BACHELOR OF BUSINESS ADMINISTRATION (BBA) (4 YEAR)

A Bachelor of Business Administration (BBA) degree provides students with a comprehensive understanding of core business principles and practical skills. With specializations available in areas like marketing, finance, and entrepreneurship, BBA graduates are equipped for diverse career paths in management, marketing, finance, human resources, and more. Through a blend of theoretical learning and practical experiences, BBA programmes prepare graduates to excel in today's dynamic business world.

- Management
- Marketing
- Finance
- Human Resources
- Operations
- Entrepreneurship
- Consulting



DIPLOMA IN ARTIFICIAL INTELLIGENCE & MACHINE LEARNING (3 YEAR)

A diploma in artificial intelligence and machine learning typically covers foundational concepts, algorithms, and applications in AI and ML. Course specifications may include topics like data science, neural networks, deep learning, natural language processing, and computer vision.

With the increasing demand for AI and ML expertise, graduates often find rewarding and high-paying positions in various sectors. Career opportunities are diverse, spanning industries like tech, healthcare, finance, and more. Roles could include:

- Machine learning engineer
- Data scientist
- AI researcher
- AI consultant, among others.

DIPLOMA IN COMPUTER SCIENCE & ENGINEERING (3 YEAR)

A Diploma in Computer Science Engineering equips students with a comprehensive understanding of programming languages, data structures, algorithms, database management, computer networks, operating systems, web development, and software engineering. This blend of theoretical knowledge and practical skills prepares graduates for a wide range of job roles in the tech industry. Benefits of pursuing this diploma include acquiring hands-on experience, gaining industry-relevant knowledge, improving employability, laying a foundation for further education, and enjoying career flexibility. Job roles that graduates can pursue include

- Software Developer/Engineer
- Systems Analyst
- Network Administrator
- Database Administrator among others.



**SCAN THE QR CODE
TO CHECK YOUR ELIGIBILITY FOR
ADMISSION TO YOUR DESIRED PROGRAM**

OUR CLUBES

NSS CLUB

The NSS Unit of our college is committed to nurturing socially responsible, compassionate, and proactive citizens by engaging students in meaningful community service and nation-building activities. Through awareness programs, social outreach, environmental initiatives, health camps, leadership training, and volunteer-driven projects, the unit strives to instill values of empathy, discipline, unity, and civic responsibility. Our aim is to empower students to understand societal challenges, contribute positively to community development, and grow as responsible individuals who work for the welfare and progress of society.



ISTE CLUB

The ISTE Club of KMCT Institute of Emerging Technology and Management provides students with a platform to enhance their technical knowledge, innovation skills, and professional competence. Functioning under the Indian Society for Technical Education (ISTE), the club organizes workshops, seminars, expert talks, technical competitions, and skill development programs that bridge the gap between academic learning and industry requirements. The club encourages creativity, teamwork, research orientation, and leadership among students, helping them grow into competent professionals ready to meet the challenges of the modern technological world.



INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT CELL (IEDC)

The Innovation and Entrepreneurship Development Cell (IEDC) at KMCT Institute of Emerging Technology and Management is a student-driven platform supported by the Kerala Startup Mission. It promotes innovation and entrepreneurship by offering mentorship, training, workshops, and resources to help students transform ideas into prototypes and potential startups, fostering hands-on learning and industry interaction.



RESEARCH & DEVELOPMENT CELL

Research & Development Cell at KMCT IETM promotes a strong research culture by encouraging innovation, interdisciplinary studies, and continuous knowledge creation aligned with the UN Sustainable Development Goals (SDGs).

It supports and motivates faculty and students to undertake research activities and project development, including collaborative research with sister concern institutions in the medical sector, translating ideas into impactful, technology-driven solutions that address societal challenges and promote sustainable and inclusive development.



INSTITUTION'S INNOVATION COUNCIL (IIC)

The Institution's Innovation Council (IIC) at KMCT Institute of Emerging Technology and Management, established under the Ministry of Education's Innovation Cell in collaboration with AICTE, promotes innovation and entrepreneurship through ideation, design thinking, IPR awareness, mentoring, industry interaction, and startup-focused activities, fostering a strong campus innovation ecosystem.



CALICUT MANAGEMENT ASSOCIATION

The Calicut Management Association, established in 1996, has been a powerful platform connecting students, academicians, entrepreneurs and industry leaders. Its mission is simple yet powerful to upskill young minds, build soft skills, nurture professionalism, and make students industry-ready leaders of tomorrow. That legacy of excellence is being integrated into KMCT IETM, opening doors for our students to opportunities, mentorship.



CROW VISION

CSE Project Hub CROW VISION is a platform focused on innovative Computer Science projects in areas like AI, Computer Vision, and Emerging technologies.

It supports students by providing project ideas, guidance, and practical implementations to bridge theory with real-world applications.



CODING CLUB

The Coding Club is a vibrant student-driven community that aims to nurture strong programming and problem-solving skills beyond the academic syllabus. The club follows a learning-by-sharing approach, where students teach and learn from peers through hands-on sessions, coding challenges, and collaborative activities. Along with technical learning, the club organizes interactive coding games and events that make learning fun, engaging, and practical. The Coding Club encourages logical thinking, teamwork, and innovation, preparing students to confidently face real-world technical challenges.



Hostel Facility

KMCT hostel rooms are comfortably furnished, making for a good home away from home. Girls and boys have separate blocks, and each block has a fixed capacity.



Transport Facility

We offer hassle-free bus transportation services covering Kozhikode and neighboring districts, ensuring a convenient travel experience. This is a boon for the day scholars coming from different localities as they can reach the campus on time.







Sports Facility & Multigym







CONVERGE



INTERNATIONAL COLLABORATION

