



CAVINKARE PATRONIZED INSTITUTION



C.K. COLLEGE OF ENGINEERING & TECHNOLOGY

(APPROVED BY AICTE, NEW DELHI & AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
ACCREDITED BY NAAC, 2(A) AND 12 (B) STATUS, AN ISO 9001: 2015 CERTIFIED INSTITUTION

2+  **DECADES OF SERVICE**
IN ENGINEERING EDUCATION



"The beautiful thing about learning is that no one can take it away from you." BB - King

OUR ENDURING FOUNDERS



(Late) Shri. CHINNIKRISHNAN, B.Sc., B.T.,
Father of Sachet Revolution
Feb 1931 - Aug 1979



(Late) Dr. Mrs. HEMA CHINNIKRISHNAN
April 1943 - Sep 2013

OUR FOUNDER



SHRI. CHINNIKRISHNAN
Father of Sachet Revolution

Mr. ChinniKrishnan, who was a Math teacher initially, alongside his wife Hema ChinniKrishnan, started Baba Matriculation School (rechristened as CK School of Practical Knowledge) with just seven students. His passion for innovation led him to pursue the invention of the sachet, while Hema Chinni Krishnan continued managing the school. He had started a small-scale pharmaceutical packaging unit Vale Pharmacy. Mr. ChinniKrishnan is Known as the "Father of the Sachet Revolution" in India, Mr. Krishnan's visionary ideas and determination revolutionized the packaging industry. By introducing the concept of selling products in small, affordable sachets, he made high-quality consumer goods accessible to everyone, regardless of economic status, significantly impacting millions of lives.

As the popularity of sachets grew, it became evident they were here to stay. Companies that were initially hesitant began trials, and soon, every major multinational followed suit, selling shampoos in sachets. CavinKare, carrying forward Mr. ChinniKrishnan's vision, ensured that nearly every product category became available in sachets, touching millions of lives and transforming lifestyles. It's no wonder sachets are considered one of the top ten innovations of the last century, a remarkable testament to one man's dream that revolutionized the market.

As students and future leaders, we should draw inspiration from Mr. ChinniKrishnan's remarkable journey and strive to create solutions that address the real needs of society, just as he did. His fourth child, Mr. C.K. Ranganathan, founded Beauty Products and launched Chik Shampoo at Rs. 1 per sachet. Targeting rural markets, Chik soon became South India's top shampoo brand. Ranganathan's entrepreneurial spirit fuelled diversification into dairy, personal care, food, snacks, and beverages under CavinKare. Today, with a turnover 244 Million USD, CavinKare is a formidable force in India's FMCG sector.

"Whatever the rich man enjoys, the common man should be able to afford too."

- Mr. ChinniKrishnan

ChinniKrishnan's legacy will inspire generations to come, showcasing how creativity and determination can indeed change the world. His life and work serve as a testament to the transformative power of innovative thinking and perseverance. Today, CK Institutions proudly serves 6,000 students in Cuddalore, continuing the noble vision of uplifting the community.

OUR FOUNDER



**DR. HEMA
CHINNIRISHNAN**

Dr. Hema ChinniKrishnan was born in Rajahmundry, Andhra Pradesh to become a pioneering educator in Cuddalore is truly inspiring. After marrying Mr. ChinniKrishnan, a Math teacher who later revolutionized the packaging industry with the invention of sachets. Hema moved to Panruti near Cuddalore and dedicated herself to her family and community.

Driven by a deep passion for learning and an unwavering commitment to education, Hema made two significant decisions. First, she resolved to continue her own education, mastering various handicrafts and studying Tamil literature.

Second, and perhaps most impactful, was her determination to ensure that no child would experience the longing for education that she had. Believing that a better society is built by shaping young minds, Hema was deeply invested in starting and running a school.

Her vision was to provide comprehensive education to all children, regardless of their socio-economic status, ensuring that every child receive not only academic knowledge but also general life skills.

Hema took the bold step of establishing her own educational institution named Baba Matriculation school, supported by her husband, initially with 7 students and later the admissions grew by 60 children in kindergarden and offered classes up to the 5th grade. Despite the challenges, she worked tirelessly to make the school a place where every child could thrive, operating it above the building where Vale Pharmacy (ChinniKrishnan's pharmaceutical unit) was located.

Hema ChinniKrishnan's dedication to education has left an indelible mark on countless lives. Her commitment in making every child a better student and her relentless pursuit of knowledge exemplify the true spirit of an educator. Her enduring legacy continues to inspire and uplift the community she served with such passion.

ABOUT US

Formerly known as Sri Jayaram Engineering College, CKCET was established in 2002 and has since become one of the premier engineering institutions in Tamil Nadu, adhering to international standards. Approved by AICTE, New Delhi, and affiliated with Anna University, Chennai, the college has earned ISO 9001:2015 certifications from TUV NORD and accreditation from NAAC.

CKCET offers nine undergraduate programs, two postgraduate programs and one doctoral program in mechanical engineering. Initially managed by Sri Jayaram Educational Trust, the college came under the patronage of CavinKare Group of Companies in 2010, with the goal of providing technical excellence to rural minds.

Under the leadership of the extraordinary philanthropist Mr. C. K. Ranganathan, Chairman and Managing Director of CavinKare Group of Companies, CKCET has flourished. The college campus, spread over 17 acres with a 2,45,000 sq. ft. RCC building, is centrally located in Cuddalore town and is easily accessible from Puducherry, Panruti, Villupuram, Chidambaram, and Virudhachalam.

CKCET maintains a staff-student ratio of 1:20 as per AICTE norms, with well-experienced faculty members who actively participate in various research activities. The college provides well-equipped classrooms with interactive smart boards as part of its e-learning initiatives, along with state-of-the-art laboratories. The library houses a vast collection of books to enrich the knowledge of students and faculty members.

With strong industry tie-ups, CKCET focuses not only on educating students but also on grooming their characters with moral and ethical values through the Win@Life Program. Faculty and students are trained in emerging research areas ensuring they are well-versed in the latest technologies. Additionally, faculty members are equipped to provide consultancy services to various industries.

CKCET believes that the goal of education is to teach students to think intensively and critically. However, intelligence alone is not enough for a successful life. Therefore, CKCET emphasizes inculcating life values along with knowledge, helping students build strong character.

OUR LEADERSHIP



CHAIRMAN

CK RANGANATHAN
*Chairman & Managing Director
CavinKare Private Limited*



EXECUTIVE DIRECTOR

**AMUDHAVALLI
RANGANATHAN**
CK Group of Educational Institutions



PRINCIPAL

DR. SARAVANAN .S M.E., PH.D.
*CK College of
Engineering and Technology*

OUR CHAIRMAN



CK RANGANATHAN

*Chairman & Managing Director
Cavinkare Private Limited*

Mr. C.K.Ranganathan, popularly known as CKR, is a renowned Indian Entrepreneur, Founder and Chairman of CavinKare Group. Originally focused on personal care products, CavinKare has since diversified into various sectors including food, dairy, and beverages, becoming one of India's leading FMCG companies.

Born in Cuddalore, Tamil Nadu, C.K.Ranganathan's entrepreneurial journey is often celebrated as a remarkable tale of innovation and resilience in the Indian business landscape. Known as the 'Father of Sachets' in the Indian FMCG sector, CKR realized the value-conscious nature of Indian consumers long before his competitors.

After losing his father in 1979, CKR left behind his mother, five siblings, and their family home. Despite differences with his elder brothers regarding the family business, which produced the popular Velvette shampoo in sachets, CKR decided to forge his own path. In 1983, at the age of 22, he left his home with a dream and just 120 USD as seed money to start his own business. Reflecting on his journey, he has no regrets. Over the past 41 years, the small-scale unit he started in Cuddalore with Chik Shampoo has grown into CavinKare Pvt. Ltd., a company with a yearly turnover of 244 Million USD and interests in personal care, dairy, snacks, beverages and salons.

Continuing his father's legacy, CKR is especially recognized for spearheading the sachet revolution in India, making products affordable and accessible to the rural population. His leadership and business acumen have earned him numerous accolades. Under his guidance, CavinKare has expanded both domestically and internationally, covering almost every FMCG product category and establishing a vast chain of salons across India. CKR's commitment to innovation has improved the lifestyle of countless consumers by creating products that combine the best of nature and technology. He has demonstrated that it is possible to compete with multinationals in the challenging FMCG sector.

Despite being one of the six children and initially struggling academically, CKR's entrepreneurial talent was evident from a young age. He attended a Tamil medium school and earned his pocket money through his pet business, growing pets at home.

EXECUTIVE DIRECTOR



**MS. AMUDHAVALLI
RANGANATHAN**

*Executive Director of
CK Group of Educational Institutions
Director of E-Commerce
& New Initiatives, Cavinkare*

Amudhavalli Ranganathan, fondly known as Amudha, is the Director of E-commerce & New Initiatives at CavinKare, a leading FMCG company. Her entrepreneurial journey began at the age of 19, starting as a management trainee in CavinKare. Initially placed in the sales department, she gained experience working in retail and restaurant spaces before finding her true calling in the field of education.

In 2014, Amudha decided to start a play school, recognizing her passion for early childhood education. This led her to take on the leadership of CavinKare Educational Institutions, where she has made significant strides. Under Amudha's guidance, the CK Group of Educational Institutions has significantly expanded and transformed. This includes the CK School of Practical Knowledge, CK School of Progressive Education, and the CK Confident Kids, chain of Pre-Schools in Cuddalore, Tamil Nadu. The higher education sector of the CK Group, encompassing CK Engineering College and CK College of Education, have evolved to offer a range of degrees from Bachelor's to Ph.D programs. She has ensured that the CK Group is digitally well-equipped, with courses designed to be futuristic and aligned with the latest educational trends.

Amudha's leadership in the educational sector is marked by her emphasis on holistic, value-based learning. With a postgraduate degree in English and a bachelor's in education, she brings a strong academic foundation to her role. She is driven by a passion for utilizing technology to drive social change, empowering students with a robust foundation in STEM (Science, Technology, Engineering, and Mathematics). Her initiatives have introduced digital and blended learning techniques, significantly expanding the reach and impact of the institutions.

At CK Group of Educational Institutions, Amudha fosters a supportive atmosphere where students are inspired to pursue their interests through the Invest In Yourself (IY) program, which promotes lifelong learning. The institutions focus on strong values through the Governing Values programs, emphasizing experiential learning to keep students updated on emerging technologies. CK Group of Educational Institutions aims to be catalysts for social change, promoting inclusivity and empowerment. Amudha's vision is to transform the community of Cuddalore and fulfill her father's vision Cuddalore as a leading educational hub in India, providing high-quality education accessible to all. By investing in advanced infrastructure, innovative teaching methods, and comprehensive educational programs, she seeks to create an environment where students from diverse backgrounds can thrive. Her dedication to fortifying the academic landscape in rural areas is paving the way for a brighter future.

In addition to her role in education, Amudha leads the E-commerce, digital marketing, and new initiatives division at CavinKare. She has been instrumental in significantly growing the digital presence of CavinKare brands. Under her leadership, the e-commerce business of CavinKare has reached a valuation of \$100 million, showcasing her ability to build substantial value for the company.

Amudha's collaborative and inclusive leadership style has helped build strong teams and foster a culture of excellence and innovation. Her efforts in both education and e-commerce exemplify her commitment in making a positive impact on society. She drives the realm of education, continuously striving to empower the youth of Cuddalore and beyond.

VISION

To impart world class education to students and be respected as a thought leader in the field of higher education in India



QUALITY POLICY

CK College of Engineering and Technology is committed to provide value-based education in the areas of engineering, Technology and Management and to instill discipline in students through faculty members by setting global standards. This results in making students technically superior and emotionally strong.

MISSION

Using Invest In Yourself (IY) technique, learn continually, harvest new ideas and execute them practically to provide world class education to students.

Using Invest In Yourself (IY) technique, strengthen technical and managerial thinking, enhance research, and innovate to reach intellectual excellence.

PROGRAMMES OFFERED

UNDER GRADUATE PROGRAMMES (4 YEARS)

- B.E.** - Bio Medical Engineering
- B.E.** - Civil Engineering
- B.E.** - Computer Science and Engineering
- B.E.** - Electrical and Communication Engineering
- B.E.** - Electrical and Electronics Engineering
- B.E.** - Mechanical Engineering
- B.E.** - Robotics and Automation Engineering
- B.Tech** - Artificial Intelligence & Data Science
- B.Tech** - Information Technology

POST GRADUATE PROGRAMMES (2 YEARS)

- M.E.** - Applied Electronics
- M.B.A** - Master of Business Administration

DOCTORAL PROGRAMMES

- Ph.D** - Mechanical Engineering

SALIENT FEATURES

- Strong Legacy and Reputation
- Accredited and Certified
- Comprehensive Academic Programs
- Experienced Faculty and Research Opportunities
- Innovative Training and Industry Exposure
- State-of-the-Art Infrastructure
- Strategic Location
- Leadership and Vision
- Commitment to Rural Upliftment
- Focus on Employability and Career Support
- Robust Alumni Network
- Scholarships and Financial Aid
- Student-Centered Learning Environment
- Community Engagement and Social Responsibility
- Safety and Security

DEPARTMENT OF CIVIL ENGINEERING



Offers Bachelor of Engineering in Civil Engineering aims to equip the students with the skills and knowledge needed to design, build, and maintain complex structures. The program covers key areas such as structural engineering, environmental engineering, geotechnical engineering, and transportation engineering. Students are trained to apply scientific and engineering principles to solve real-world construction and infrastructure challenges. With a focus on sustainability and innovative practices, the department emphasizes practical learning through modern laboratories, field visits, and industry collaborations. Graduates from the Civil Engineering department are prepared to lead in the development of smart cities, resilient infrastructure, and sustainable construction practices.

LABORATORIES

- Concrete and Highway Lab
- Soil Mechanics Lab
- Environmental Engineering Lab
- Surveying Lab
- Hydraulic Engineering Lab
- Strength of Materials Lab
- CAD Lab



KEY HIGHLIGHTS

- Experienced faculty with a blend of academic and industry backgrounds.
- Modern computing labs and access to industry standard software and tools.
- Strong emphasis on software development and computing technology.
- Access to state-of-the-art computer labs and e-learning tools.
- Opportunities for internships, industry projects, and workshops in areas such as AI, machine learning, cloud computing, and cyber security.
- Industry-relevant training that prepares students for careers in software development, data analysis, IT consulting, and more.



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The Computer Science & Engineering department at CKCET offers Bachelor of Engineering in computer science and engineering dedicated to producing highly skilled professionals who can thrive in the ever-evolving field of technology. The program provides a strong foundation in programming, software development, and computational theory, while also offering students the opportunity to explore emerging fields like artificial intelligence, machine learning, and cyber security. With a focus on practical learning, students gain hands-on experience through state-of-the-art labs, industry projects, and internships. The department also emphasizes innovation, problem-solving, and critical thinking, making graduates well-prepared for a wide range of careers in the IT industry.

Laboratories

- Internet of Things (IoT) Lab
- Robotic Process Automation (RPA) Lab
- Networks Lab
- Graphics and Multimedia Lab
- E-learning and Internet Lab
- Free & Open Source Software (FOSS) Lab
- Project Lab



KEY HIGHLIGHTS

- Experienced faculty with a blend of academic and industry backgrounds.
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RESEARCH AREAS

- Artificial Intelligence and Machine Learning
- Data Science and Big Data Analytics
- Cloud Computing and IoT
- Cybersecurity and Cryptography
- Blockchain Technology

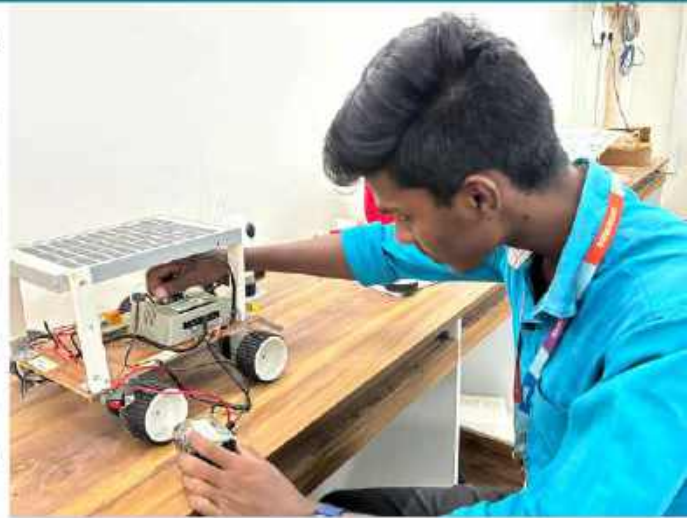


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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

The department offers Bachelor of Engineering in Electrical & Electronics Engineering provides students with a comprehensive understanding of electrical systems, electronics, and emerging technologies. The program prepares students to solve complex engineering challenges in power generation, renewable energy, and embedded systems.



Students have access to modern labs and equipment, allowing them to gain hands-on experience in designing and analyzing electrical circuits, power systems, and electronic devices. Through industrial visits, internships, and real-world projects, students are exposed to the latest industry practices, ensuring they are well-prepared to meet the demands of the electrical and electronics industry.

KEY HIGHLIGHTS

- State-of-the-art laboratories with modern equipment and simulation tools.
- Hands-on learning in power systems, control systems, embedded systems, and more.
- Industry exposure through workshops, projects, and industrial visits.
- Career paths in power generation, automation, electronics design, renewable energy, and smart grids.

LABORATORIES

- Electrical Machines Lab
- Control System Lab
- Measurement and Instrumentation Lab
- Power Electronics Lab
- Engineering Practices Lab
- Electronic Devices and Circuits Lab
- Power System Simulation Lab
- Electric Circuits Lab

RESEARCH AREAS

The Department of Electrical and Electronics Engineering at CKCET promotes research in various fields. Our students are encouraged to work on research projects that address contemporary issues in electrical and electronic engineering, collaborating with industry leaders and academic institutions.

RESEARCH FOCUS AREAS

- Renewable Energy Systems and Smart Grids.
- Power Electronics and Electric Drives.
- Control Systems and Automation.
- Embedded Systems and IoT.
- Industrial Electronics and Robotics.



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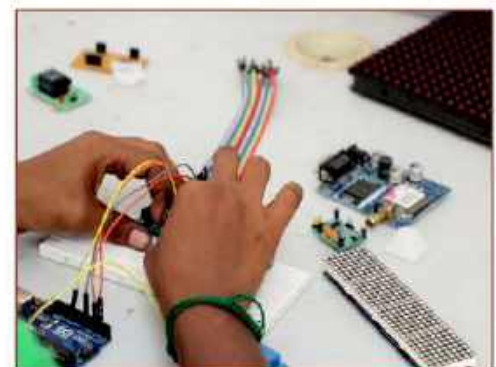
Email: eeehod@ckcet.com

DEPARTMENT OF ELECTRONICS & COMMUNICATIONS ENGINEERING

The Department of Electronics and Communication Engineering at CKCET is dedicated to nurturing future engineers with expertise in electronics, communication systems, and digital technologies. This department offers Bachelor of Engineering in Electronics and Communication Engineering and Master of Engineering in Applied Electronics. Our program emphasizes the integration of theoretical knowledge and practical experience, preparing students to contribute to advancements in wireless communications, embedded systems, VLSI design, and IoT. Students gain expertise in designing and developing cutting-edge electronics and communication solutions used in various industries such as telecommunications, automation, and consumer electronics. With a strong industry connection and advanced labs, students are empowered to solve complex engineering challenges and drive technological innovation in both the electronics and communication sectors.

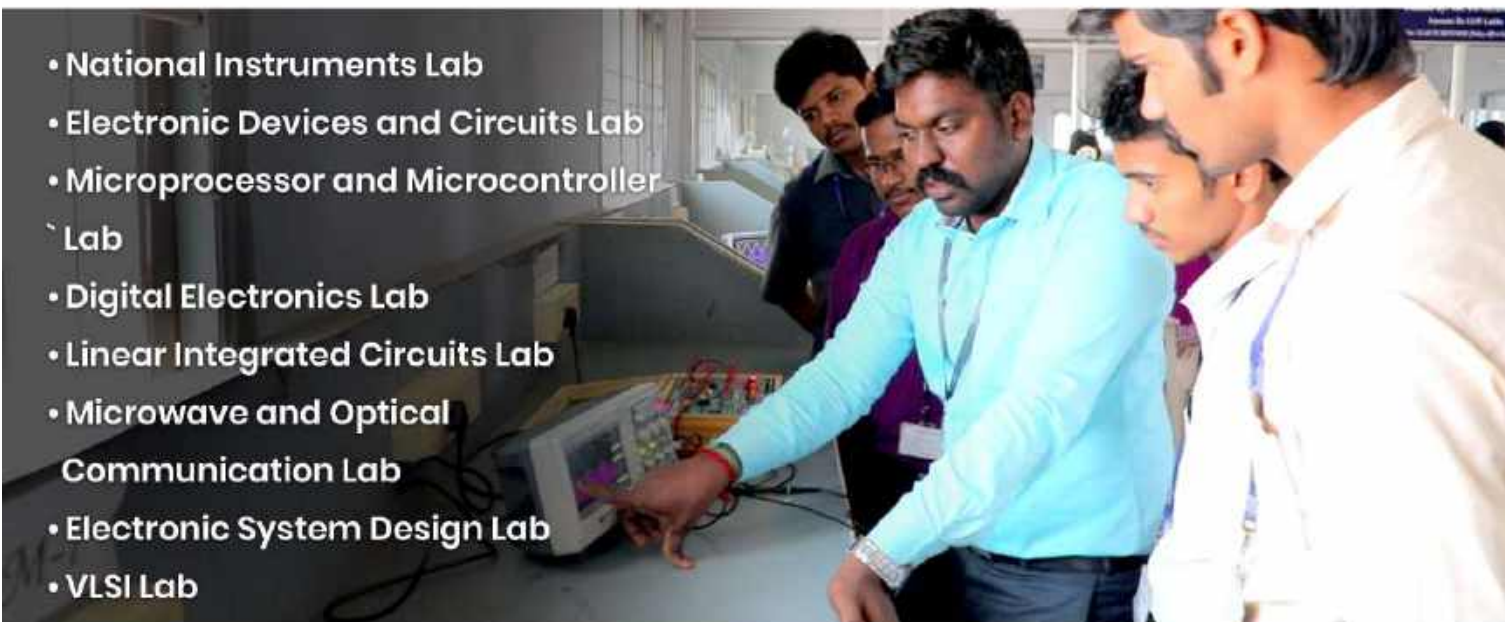
KEY HIGHLIGHTS

- Access to well-equipped labs for digital electronics, telecommunications, and signal processing.
- A balanced focus on theory and hands on experience in advanced electronics and communication.
- Industry-relevant projects and internships in fields like wireless communication, embedded systems, and semiconductor technologies.
- Strong industry tie-ups for internships and placements in top technology firms.
- Career opportunities in telecommunications, VLSI design, electronics manufacturing, and more.



LABORATORIES

- National Instruments Lab
- Electronic Devices and Circuits Lab
- Microprocessor and Microcontroller Lab
- Digital Electronics Lab
- Linear Integrated Circuits Lab
- Microwave and Optical Communication Lab
- Electronic System Design Lab
- VLSI Lab



RESEARCH & INNOVATION

At the Department of Electronics and Communication Engineering, research is integral to fostering innovation.

RESEARCH FOCUS AREAS

- Wireless Communication and 5G Networks.
- Internet of Things (IoT) for smart cities and industrial applications.
- VLSI Design and Embedded Systems.
- Artificial Intelligence and Machine Learning in communication systems.
- Signal Processing and Image Processing for advanced multimedia applications.



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DEPARTMENT OF MECHANICAL ENGINEERING



The Department of Mechanical Engineering at CKCET is committed to shaping skilled engineers who can design, analyze, and manufacture the technologies of tomorrow. It offers Bachelor of Engineering in Mechanical Engineering and Ph.D in Mechanical engineering.

Our program offers a balance of theoretical knowledge and practical exposure, empowering students to solve complex engineering challenges in areas such as automotive engineering, thermal systems, robotics, and manufacturing. With state-of-the-art labs and industry-oriented projects, students gain hands-on experience and technical expertise that enable them to excel in the field of mechanical.

KEY HIGHLIGHTS

- ▶ Established in 2009
- ▶ Research center for doctoral program
- ▶ Advanced labs for fluid mechanics, thermodynamics, manufacturing processes, and machine design.
- ▶ Access to modern tools for CAD/CAM, 3D modeling, and simulation.
- ▶ Industry interactions and projects in automotive engineering, robotics, and renewable energy.
- ▶ Career paths in automotive design, aerospace, manufacturing, and industrial systems.



LABORATORIES



- Basic Workshop
- Lathe Shop
- Special Machines shop
- Thermal Engineering Lab-I (Heat transfer Lab)
- Thermal Engineering Lab-II (Engines Lab)
- CAD/CAM Lab
- Metrology and Measurements Lab
- Dynamics Lab
- Mechatronics Lab
- Fluid Mechanics and Machinery Lab
- Strength of Materials Lab

RESEARCH & INNOVATION

The Mechanical Engineering Department at CKCET promotes research in cutting-edge areas. Students are encouraged to participate in research projects and contribute to technological advancements that address global challenges.

RESEARCH FOCUS AREAS

- ▶ Renewable Energy Systems (solar, wind, and biomass energy).
- ▶ Robotics and Automation for industrial applications.
- ▶ Additive Manufacturing (3D printing) and advanced materials.
- ▶ Heat Transfer and Fluid Dynamics.
- ▶ Automotive Engineering and Electric Vehicles.

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DEPARTMENT OF BIO MEDICAL ENGINEERING

KEY HIGHLIGHTS

- Established in 2024.
- Focused on creating innovative healthcare solutions through interdisciplinary research and development.
- Strong industry partnerships for hands-on training and internships.
- Experienced faculty with expertise in medical device development and healthcare technologies.
- Cutting-edge labs and facilities for biomedical research.

The Department of Biomedical Engineering at CKCET bridges the gap between medicine and engineering by designing, developing, and implementing cutting-edge healthcare technologies. Our program focuses on the practical application of engineering principles to solve healthcare problems, from medical devices and diagnostics to healthcare informatics and tissue engineering. Students are equipped with both the technical knowledge and the biomedical expertise needed to innovate in the fast-evolving healthcare sector.

INNOVATIVE RESEARCH

The Department of Biomedical Engineering is committed to advancing healthcare technologies through research and innovation.

RESEARCH FOCUS AREAS

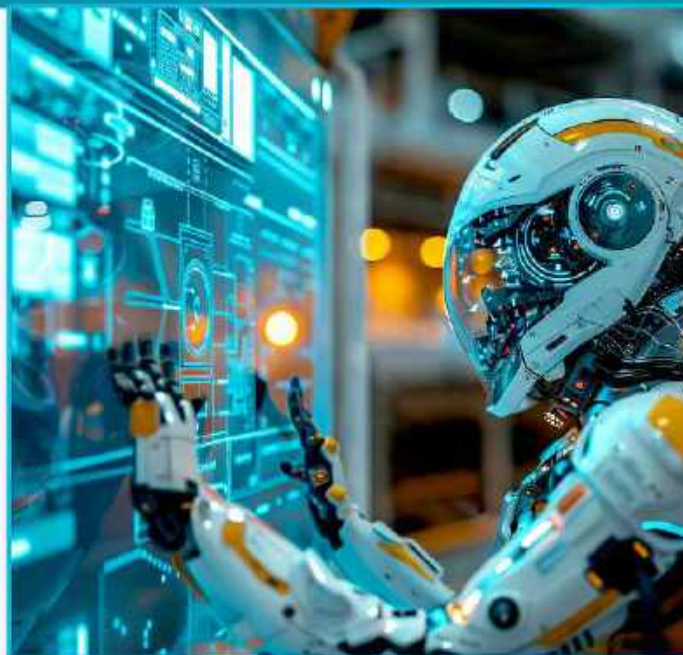
- Development of advanced diagnostic devices and bioinstrumentation.
- Medical imaging and signal processing.
- Tissue engineering and regenerative medicine.
- Wearable sensors and healthcare monitoring systems.
- Biomechanics and prosthetic device design

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DEPARTMENT OF ROBOTICS & AUTOMATION ENGINEERING

The Department of Robotics and Automation Engineering at CKCET is dedicated to developing next-generation engineers who will lead the future of automation. With a focus on designing and developing intelligent systems, robotic devices, and autonomous solutions, the program combines theoretical knowledge with hands-on experience in robotics, artificial intelligence, and industrial automation. Students are trained to innovate in sectors like manufacturing, healthcare, transportation, and space exploration, contributing to the world of smart, automated systems.



KEY HIGHLIGHTS

- Established in 2024.
- Focus on modern robotics, AI, industrial automation, and control systems.
- Experienced faculty with extensive industry and research backgrounds.
- State-of-the-art robotics labs and automation facilities for hands-on learning.
- Industry partnerships for internships and real-world project experience.

RESEARCH FOCUS AREAS

- Autonomous Vehicles and Drones.
- AI-based Robotics for Manufacturing and Healthcare.
- Humanoid and Service Robots.
- Machine Learning and AI for Predictive Automation.
- Smart Sensors and Embedded Systems.
- Robot Kinematics and Dynamics.

CONTACT US

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DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE

This department offers Bachelor of Technology in Artificial Intelligence & Data Science is at the forefront of technological innovation, preparing students for careers in one of the most in-demand fields today. The program focuses on teaching students the fundamentals of AI, machine learning, and big data, as well as their applications in real-world problem-solving. With access to advanced computing labs, students learn how to develop intelligent systems, perform data analysis, and create machine learning models. Through industry partnerships, internships, and hands-on projects, students gain practical experience in AI-driven solutions, making them highly sought after in the tech industry.

KEY HIGHLIGHTS

- Established in 2022
- Advanced curriculum designed to meet industry needs in AI and Data Science.
- Experienced faculty involved in cutting-edge AI research.
- Specialized laboratories for AI, machine learning, and big data analytics.
- Strong industry collaboration for internships and placements.

LABORATORIES

- Internet of Things (IoT) Lab
- Robotic Process Automation (RPA) Lab
- Networks Lab
- Graphics and Multimedia Lab
- E-learning and Internet Lab
- Free & Open Source Software (FOSS) Lab
- Project Lab

RESEARCH AREAS

- Machine Learning and Deep Learning Algorithms.
- Natural Language Processing (NLP) and Speech Recognition.
- Data Mining and Big Data Analytics.
- Computer Vision and Image Processing.
- AI for Robotics and Automation.
- Ethical AI and Data Privacy.

CONTACT US

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DEPARTMENT OF INFORMATION TECHNOLOGY

The Department of Information Technology at CKCET is committed to delivering high-quality education, focusing on the innovative use of technology to solve real-world problems. The program empowers students with the skills needed to design, develop, and manage information systems that support and enhance business operations, cybersecurity, cloud computing, and more. With a blend of academic rigor, cutting-edge research, and industry engagement, we prepare students to excel in the fast-evolving tech landscape.

KEY HIGHLIGHTS

- Established in 2024.
- Focused on cutting-edge IT skills, including software development, networking, cyber security, and cloud computing.
- Well-qualified faculty with expertise in the latest IT trends.
- Industry-relevant training in areas like cloud computing, mobile applications, and cyber security.
- Strong industry partnerships for internships, workshops, and placements.
- Career prospects in software development, IT consulting, system administration, and cyber security.
- Fully-equipped computer labs with advanced infrastructure.

RESEARCH FOCUS AREAS

- Cloud Computing and Virtualization.
- Cyber security and Ethical Hacking.
- Data Science, Big Data Analytics, and Machine Learning.
- Internet of Things (IoT) and Smart Systems.
- Block chain Technology and its Applications.
- Web and Mobile Application Development.

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MASTER OF BUSINESS ADMINISTRATION

This department offers post graduate programme in Business Administration (MBA) aims to mold future business leaders with a blend of theoretical knowledge and practical skills. The program covers core areas such as finance, marketing, human resource management, operations, and entrepreneurship. With a focus on industry-relevant training, students engage in case studies, business simulations, and real-world projects to develop critical thinking and leadership skills. The MBA program also offers opportunities for internships and networking with business professionals, ensuring that graduates are equipped to take on leadership roles in diverse industries. Emphasizing ethics and social responsibility, the program nurtures well-rounded professionals ready to tackle the challenges of the global business world.

KEY HIGHLIGHTS

- Comprehensive curriculum covering finance, marketing, HR, operations, and entrepreneurship.
- Industry-relevant training through case studies, simulations, and real-world projects.
- Opportunities for internships, networking, and leadership development.
- Focus on ethical business practices and social responsibility.
- Career prospects in management, consultancy, entrepreneurship, and corporate leadership.

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INFRASTRUCTURE

CKCET is equipped with state-of-the-art infrastructure designed to support a comprehensive and dynamic learning environment. The campus features modern, well-maintained classrooms with advanced audiovisual aids, facilitating interactive and engaging learning experiences.

Students benefit from cutting-edge laboratories and workshops, including specialized facilities for engineering, computer science, electronics, and mechanical disciplines, which provide hands-on training and practical knowledge. The library offers an extensive collection of books, journals, and digital resources to support academic research and study.

The campus also includes modern sports facilities, including a multi-purpose sports ground, indoor games areas, and a fully equipped gymnasium. The campus includes clean and modern dining facilities offering a variety of nutritious meals.

Essential services such as medical care, counseling, and emergency support are readily available to address health and well-being needs. The institution provides comfortable and well-maintained hostels with round-the-clock security, internet connectivity, and recreational facilities. The institute's infrastructure is designed to support a conducive and comfortable living and learning environment for all members of the CKCET community.

INFRASTRUCTURE



EDUCATIONAL METHODS AND PRACTICES

CKCET is committed to delivering an exceptional educational experience through innovative teaching and effective learning strategies. The institute employs a blend of traditional and modern pedagogical methods, including interactive lectures, practical demonstrations, and project-based learning, to engage students and enhance their understanding. Advanced classroom technologies, such as multimedia projectors and online learning platforms, support dynamic and interactive instruction. Faculty members, who are experts in their fields, use a range of teaching tools and methods to cater to diverse learning styles and needs. The curriculum is designed to integrate theoretical knowledge with practical application, ensuring that students gain hands-on experience through labs, workshops, and industry projects. Regular assessments and feedback mechanisms are in place to monitor student progress and facilitate continuous improvement. By fostering an environment of collaborative learning and critical thinking, CKCET prepares students to excel academically and professionally.



PLACEMENT HIGHLIGHTS

CKCET has a robust placement cell with strong industry tie-ups, ensuring high placement rates across diverse engineering disciplines. Top national and international companies, including Infosys, TCS, Wipro, L&T, Capgemini, and Amazon, regularly recruit from the institution. The college offers specialized placement training programs, focusing on mock interviews, aptitude development, resume building, and technical skills, to prepare students for recruitment. Additionally, students gain practical exposure through internships, many of which lead to pre-placement offers. With a dedicated placement cell, CKCET provides continuous support and guidance, helping students secure promising careers in their respective fields.

OUR PRESTIGIOUS RECRUITERS / YESTER YEAR PLACEMENT RECORDS



RESEARCH AND DEVELOPMENT

CKCET is dedicated to advancing research and fostering innovation across various disciplines. The institute boasts state-of-the-art research facilities and laboratories that enable in-depth exploration and experimentation. Faculty and students are encouraged to undertake pioneering research projects, tackling both fundamental and applied scientific challenges.



By collaborating with industry leaders, research organizations, and academic partners, CKCET enhances the scope and relevance of its research endeavors. The institution regularly hosts workshops, seminars, and conferences to promote the exchange of ideas and foster interdisciplinary cooperation. CKCET's focus on research and development drives technological progress and contributes to cutting-edge advancements in engineering and technology.



INDUSTRY COLLABORATION

CKCET excels in building robust industry partnerships to enrich its educational offerings and connect students with real-world experiences. The institute collaborates with prominent companies across various sectors, including technology, engineering, and manufacturing, to ensure the curriculum stays relevant and up-to-date. These collaborations provide students with valuable opportunities for internships, live projects, and hands-on learning. Industry professionals frequently engage with students through guest lectures, workshops, and seminars, offering insights into practical applications and emerging trends. These industry ties also enhance placement prospects, as companies actively seek to recruit CKCET graduates. By fostering these strong connections, CKCET bridges the gap between academic learning and industry needs, preparing students for successful careers.

- 25 + MoUs with Leading Industries
- Government & Non-Government Funded Projects
- 22 Patents Published/Granted
- 250 + Publications in reputed journals in the last 3 years
- 150 + Industry Collaborations for Students' Practical Knowledge Training



SPORTS FACILITIES



CKCET is committed to fostering a well-rounded student experience, including a strong emphasis on sports and physical fitness. The institute boasts a range of modern sports facilities designed to cater to various interests and athletic abilities. These include a spacious multi-purpose sports ground for cricket, football, and other field sports, as well as dedicated courts for basketball, volleyball, and tennis. The campus also features indoor facilities such as a fully equipped gymnasium, table tennis rooms, and facilities for badminton and chess. Regular sports events, tournaments, and inter-college competitions are organized to encourage student participation and promote teamwork and physical well-being. The institute's sports infrastructure supports both recreational and competitive sports, helping students maintain a healthy balance between academics and physical activity.



CLUBS AND SOCIETIES

CKCET offers a vibrant array of clubs and societies that cater to diverse interests and passions, enriching the student experience beyond academics. These student-led organizations cover a wide range of areas including technical skills, cultural activities, sports, and social causes. The institute supports technical clubs that focus on robotics, programming, and engineering projects, providing platforms for hands-on learning and innovation. Cultural and arts societies organize events, performances, and workshops that celebrate creativity and talent. Additionally, sports clubs promote physical fitness and teamwork through regular competitions and training sessions. Social service organizations engage students in community outreach and social impact initiatives. Through these clubs and societies, CKCET fosters a dynamic campus life, encourages personal growth, and cultivates leadership and teamwork skills.

**ARTIFICIAL
INTELLIGENCE CLUB**

THE CODING CLUB

**THE DRONE/AERO
MODELLING CLUB**

**THE ELECTRIC
VEHICLE CLUB**

**THE GREEN ECO
CLUB**

**INTERNET OF
THINGS CLUB**

**ROBOTIC PROCESS
AUTOMATION**

**ROBOTICS /
EMBEDDED CLUB**

**RENEWABLE
ENERGY CLUB**

**WEB-APP/MOBILE APP
DEVELOPMENT CLUB**

**BIS- STANDARDS
CLUB**



EXTENSION ACTIVITIES

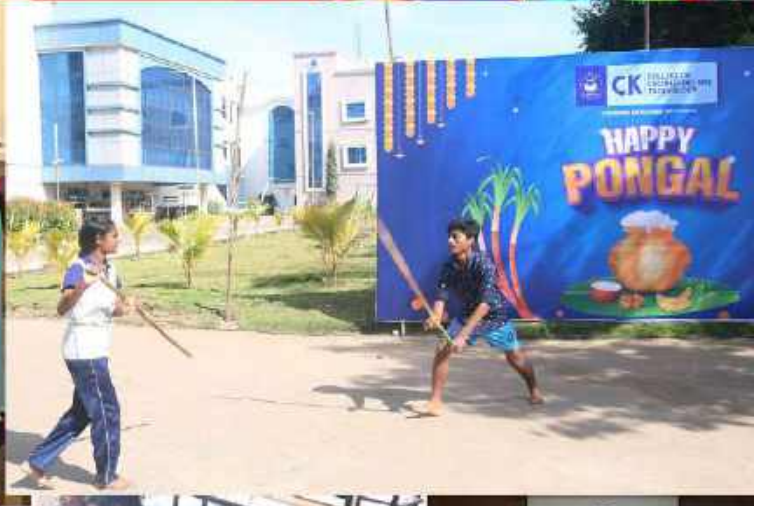
CKCET is dedicated to extending its impact beyond the classroom through a variety of extension activities aimed at community development and societal engagement. The institution organizes outreach programs that involve students and faculty in local community service projects, such as educational initiatives, environmental conservation efforts, and health awareness campaigns.

Regular workshops, seminars, and training sessions are conducted in collaboration with local organizations and government bodies to address community needs and promote social responsibility.

The institute also encourages student participation in national and regional competitions, technical festivals, and social service activities, fostering a spirit of innovation and civic engagement.

Through these extension activities, CKCET aims to contribute positively to society while providing students with valuable real-world experiences.







CK COLLEGE OF ENGINEERING AND TECHNOLOGY

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