Welcome to KMPCE!!!

The College

KMP College of Engineering is an emerging premier institute of international standard promoting excellence and equity in higher education. Focusing on the overall development of the students, exploring their capabilities, strengthening their self-esteem, leadership abilities and developing positive beliefs about themselves, is the motto of our college.

Our campus is enriched with ethical values and has intention to bring light through inherent genius of the young minds using application oriented programs like science exhibition, foreign educational tours, entrepreneurship platforms like incubation center, research and development cell, extracurricular activities like sports, vigilance commando training, NSS and JRC.

Incorporating value added programs to the curriculum and improving the job prospects of the students as well as periodical evaluation of the effectiveness of the programs offered at the institute is done frequently and we responds positively according to the needs of the industry.
The rapid rate of technological advancement and the information revolution have opened new series of challenges as well as opportunities. KMP College of Engineering aims to prepare the students to be successful in the changing workplace. It aims to equip students with technical knowledge and capabilities, flexibility and an understanding of the societal context of corporate world. Today in the era of liberalization, privatization & globalization, we try to groom nourish & nature our students in such a way they are fully equipped to meet the global demands.

We strive to give professional education a new perspective and achieve perfection in all spheres. We provide a pleasant & intellectually stimulating environment. The main reason for our tremendous performance is the faculty, which makes KMPCE stand out from the rest of engineering colleges and institutes. We provide exposure to the latest and advanced techniques and system. We are committed to give the world best we have and no efforts will be spared to make KMPCE as one of the top technical education Institution. Our vision is to achieve knowledge and excellence par international standards.
Welcome to KMPCE, where academics and activities never end and the students are molded as the future technocrats and business leaders. The institute works on the vision to become one of the leading centers of teaching, research and extensions in the field of Engineering and Technology through total commitment towards quality education and training. We instill our strength of character, self confidence technical competence and leadership in management.

Further, KMPCE spares no effort to make its curriculum world class and deliver it in the most effective manner. It constantly scans the developments in technology, science and in society and tries proactively to meet the challenges. We propagate knowledge to the students with the help of dedicated faculty, state-of-the-art library and well-equipped labs.

With the world, becoming a global village and globalization coupled with stiff competition is making its presence felt in our country, the need of the hour is to successfully meet such tests and challenges. The institute has an enviable track record of academic excellence, which is coupled with hands on industrial training, and innumerable industry-institute interaction, which makes each KMPCE student ready to be absorbed in the company which shows their technical and managerial skills. As a part of KMPCE’s commitment towards quality technical education and excellence, we embarked on the promoting Faculty Development Program, Seminar, Workshops and Conferences, which will keep the faculty members and students abreast of their field. I on behalf of KMPCE invite you to embark on a lifetime partnership with our institute.
Eminent Personalities visited...

Students get great exposure by the advice and guidance of eminent scientists from ISRO, DRDO, NSIC, etc. and great industrialists who frequently visit our campus during technical fests and science expos.

Principal, Prof. Dr. S. Senthilkumar giving memento to Dr. P. Jayajothiraj, Former Head, VSSC, ISRO. Dr. Lakshminarayanan, CEO Landmark Amalgamations nearby.

Principal, Prof. Dr. S. Senthilkumar, and Dr. K.P. Siyad, CEO, IGGIS giving memento to Shri. K.V. Srinivasan, Emeritus Scientist, DRDO.

Prof. Dr. S. Senthilkumar, Principal, Shri. S. Pandian, Dy. Dir. ISRO, & Shri. R. Balasubramanian, Chief Manager NSIC, during Lesson 16.

Principal, Prof. Dr. S. Senthilkumar giving memento to Shri. Jude Anthony Joseph, Film Director.
Overview

Mechanical Engineering is the discipline that applies the principles of engineering, physics, and materials science for the design, analysis, manufacturing, and maintenance of mechanical systems. It is the branch of engineering that involves the design, production, and operation of machinery. It is one of the oldest and broadest of the engineering disciplines. The engineering field requires an understanding of core concepts including mechanics, kinematics, thermodynamics, materials science, structural analysis, and electricity. Mechanical engineers use these core principles along with tools like computer-aided design, and product life cycle management to design and analyze manufacturing plants, industrial equipment and machinery, heating and cooling systems, transport systems, aircraft, watercraft, robotics, medical devices, weapons, and others.
Program Outcome


The Engineering workshop and laboratories in the department are well equipped with latest machines. The laboratory facilities and working atmosphere provides excellent opportunities to the mechanical students to have hands on experience.
Overview

The Department of Civil Engineering focuses on two broad areas of instruction and research. The first, the classical field of Civil Engineering, deals with the planning, design, construction, and maintenance of structures and the infrastructure. These include buildings, foundations, bridges, transportation facilities, nuclear and conventional power plants, hydraulic structures, and other facilities essential to society.

Well-equipped labs and availability of trained manpower cater to all needs of the students. Also the labs are well setup to take up external consultancy work in civil engineering. The labs are being developed further to cater the needs of research activities of the college. Technical talks of eminent personalities from various fields are arranged for the students to keep them updated about the recent developments in civil engineering.

Program Outcome

Apply principles of mechanics and basic sciences to analyze civil engineering structures.
Survey, map, measure and analyze data for sustainable infrastructure plant.
Characterizes and evaluate materials for adaptability in civil engineering projects.
Analyze and design concrete and steel structures, earthen embankments, irrigation structures, water supply, waste treatment system and transport system.
Apply best management practices for construction and maintenance of infrastructure facilities.
Predict and forecast societal needs, floods, droughts, pollution and travel demand.
Work and lead in multi disciplinary projects and demonstrate social responsibility and professional ethics. Engage in research and life long learning to adapt to changing environment.

M.Tech Program

We offer two year M. Tech program in Computer Aided Structural Engineering which provide excellence for graduates and working professionals to enhance their professional qualification and career prospects.
Overview

The Computer Science & Engineering Department is committed to continually improve its educational environment in order to develop graduates with the strong academic and technical backgrounds needed to achieve distinction in the discipline. The department builds a strong research and teaching environment that responds swiftly to the challenges of the 21st century. We are committed to provide equality education and training in engineering to prepare students for life and work as well as equip the students to contribute to the technological, economic and social development of our country.
Program Outcome

The four year B.Tech Degree course in Computer Science and Engineering is aimed at providing theoretical and practical knowledge in the field of Computer Science & Engineering. The subjects include Computer Architecture and Organization, Automata Languages and Computation, Data Structures and Algorithms, Database Management Systems, Language Processor, Computer Networks, Advanced Architecture and Parallel Processing, Software Engineering, Analysis and Design of Algorithms etc. The Department provides extensive computing resources for learning and research. It has well equipped laboratories and computing facilities. This includes high performance computers and peripherals. Broadband Internet connectivity is provided throughout the campus. Well qualified faculty and skilled supporting staff are the strengths of the department. Students are motivated to carryout projects for deeper understanding.

M.Tech Program

We offer two M.Tech. Degree program with specialization in Cyber Security and Computer Science & Engineering.

Cyber Security

The goal of this course is for students to maintain an appropriate level of awareness, knowledge and skill to allow them to minimize the occurrence and severity of information security incidents. To provide suitable coverage of the international standards of cyber security and cyber laws. Possible opportunities for graduates include roles in information security such as network security engineer, information security crime investigators, security architects, disaster recovery managers and security analysts.

Computer Science & Engineering

The objective of this discipline is to train the manpower required to meet the industry needs of the country, to pursue research in specialized areas, and to meet the growing needs of engineering colleges for trained faculty in Computer Science and Engineering. The programme includes courses covering the core of Computer Science and Engineering discipline and several electives in the latest areas of developments in the field of Computer Science.
Overview

Department of Electronics & Communication Engineering is a center of excellence and produce high quality, self motivated, creative, ethical engineers and technologists contributing effectively to universal science and contemporary education. We impart high quality electronics and communication engineering education and professional ethics to students. Also, follows the best pedagogical methods in order to maximize knowledge transfer. Department carry out high quality research leading to the creation of knowledge and of intellectual property providing the best lab facility, infrastructure, and environment to its students, researchers and faculty members, creating an ambience conducive for excellence in technical education and research.

Program Outcome

At the end of the program, students acquire a strong background in basic science and mathematics and ability to use these tools in electronics and communication engineering. They will also develop the ability to demonstrate technical competence in the fields of electronics and communication engineering and develop solutions to the problems in various areas of electronics and communication engineering. Students will be able to employ necessary techniques, hardware and software tools for engineering applications.
**M.Tech Program**

The department offers M.Tech program specializing in **Signal Processing**. Curriculum of the course comprises of subjects related to the signal processing area under the broad categories of mathematics for signal processing, fundamental and advanced topics in signal processing, and applications of signal processing in communication, image and video processing, computer vision, biomedical signal processing, speech and audio processing areas.
Overview

The Department of Electrical and Electronics Engineering strives to be center of excellence in education, training and research, producing high quality engineers and researchers. In this endeavor the department will continuously develop knowledge and quality of staff, upgrade and create program, new laboratory facilities, revise the teaching program acquire adequate new equipment to keep abreast, contribute and progress in emerging technologies and committed for rendering the best service to the society.

The state of art infrastructure and lab facilities is with grants from different agencies which ensure good exposure and hands on experience for students during learning process. The department has strong industrial interaction and has been involved in the development of state of art products for industry.
Program Outcome

At the end of the course, students will be able to specify, design and analyze systems that efficiently generate, transmit and distribute electrical power. They will analyze and design modern electrical drive systems and modern lighting systems and will understand the principles and construction of electrical machine and determine their performance through testing. They will be equipped to design controllers for electrical and electronic systems to improve their performance.
Residential Facility
The residential facility for boys & girls is set in the tranquil environment of the campus and is highly conducive to academic work. The rooms in the hostels are fully furnished with all modern amenities including 24hr wi-fi.

Transportation Facility
The college is providing efficient public transportation facilities for the staffs and students to the nearby places/towns.

Students Corner
A centre is functioning in the campus where students can access xerox, colour printing, book binding, mobile recharges & other stationary facilities.
Knowledge Center

The Library & Information Center efficiently caters to the needs of the faculty, students and research scholars. It provides access to online and international journals, magazines, reports and projects. The center subscribes to number of journals and Video Libraries are also accessible to students.

Smart Class Rooms

Fully equipped class rooms with modern teaching aids including audio-video facilities. All classrooms are elegantly designed to support academic activities such as lectures, discussions, presentations, case analysis, seminars, group tasks, simulations etc. with modern cctv settings.

Internet Facility

Students can access 24 hrs high speed internet facilities in college and hostel campus.
Career Development Chamber

A full fledged Career Development Chamber is working towards better opportunities for its students and bridges the gap between prospective employer and candidate. One of the foremost responsibilities of CDC is to motivate and prepare students for successful performance in higher exams like GATE, GREGMAT and TOFEL and also in interview and subsequent interactions with employers. Several reputed organizations, including the Defense Services are among the recruiters of the students of KMPCE. We offer 100% placement for all our UG & PG programs.

Entrepreneurship Development Cell

Students get awareness and great practice on entrepreneurship from the workshops and seminars conducted under the initiative of well functioning EDC Cell, R&D Cell and Incubation Center in our college.

R&D centre at KMPCE shall strive to be known for its applied research catering to the societal and technological needs of mankind. It would strive to provide state of the art infrastructure supporting young scholars in research and development activities and contribute towards renewable energy, medical products, autonomous vehicles, nano / MEMS, sensor networks, thin films, material technology and software computing.
NSS Technical Cell
Unit No. 510

Students get social exposure and is involved in environmental science through various activities of energetic NSS Unit of the college.

A performance by KMP Music Band
Alumni Association

Alumni serves the purpose of fostering the relationship among the past and present students of the institution, inculcating in them a feeling of responsibility towards building up and maintaining the traditions of the institution.

Women Entrepreneurs
Development Cell

Women Entrepreneurs Development Cell (WEDC) is to build motivation and confidence with prospective and existing women entrepreneurs by providing all kinds of information, advice and assistance by involving Governmental and Non-governmental organizations, financial institutions and other developmental agencies.

Women’s Day Celebration
LIVE EXPO SOCIAL SCIENCE ORBIT NOTION
LESSON - 16, the annual technical fest hosted
by KMP College of Engineering, provides a platform for
fledgling engineers to harness their technical skills and
gives creativity inclined students the opportunity to
venture beyond the academic curriculum.

Dr. P. Jeypothiraj, Former Head, VSSC, ISRO
interacting with school students.

Shri. S. Pandian, Dy Director, ISRO
releasing LESSON-16 logo
government stamp.

Shri. K.M. Pareeth, Chairman:
Shri. Seju Paul, MLA,
Shri. N.M. Salim,
Panchayat President

Shri. K.V. Srinivasan
Emeritus Scientist, DRDO

Mrudula Murali,
Cine Actress

Jude Anthony Joseph, Film Director
KMP Super League

The KMP Super League is all set to usher in a new wave of enthusiasm in India’s emerging sporting milieu. Right from the outset, the KSL has been geared towards one overarching objective to promote and encourage emerging football players in a systematic and holistic manner.
Takeaways from different organizations
Indira Gandhi
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- **Indira Gandhi Institute of Engineering and Technology for Women**
  T: 0485 2827454, 9605400038
  Course Offered:
  B.Tech
  Computer Science & Engineering
  Electronics & Communication Engineering
  Electrical & Electronics Engineering
  Civil Engineering

- **Indira Gandhi Polytechnic**
  T: 0485 3299478
  Course Offered:
  Diploma in Engineering
  Mechanical, Civil, Electrical, Automobile, Tools & Die

- **KMP College of Engineering**
  T: 0485 2650200, 2650400
  Course Offered: B.Tech, M.Tech
  Mechanical Engineering, Civil Engineering
  Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering,

- **Indira Gandhi College of Arts and Science**
  T: 0485 2851384
  Degree Course
  B.C.A, B.A. Eng., B.Com with Computer, B.B.A.,
  B.Sc. Electronics with Computer Hardware,
  B.Sc. Computer Science, B.Sc Bio Technology
  P.G Courses

- **Indira Gandhi Training College (B.Ed.)**
  Subject Offered:
  Mathematics, Social Science, Commerce, English, Hindi
  Malayalam, Natural Science, Physical Science.

- **Indira Gandhi College of Paramedical Science**
  T: 9447749530
  Course Offered: Diploma in Health Inspector Course (DHI)

- **Indira Gandhi Teacher Training Institute (T.T.I)**
  T: 9447749530
  Course Offered: T.T.C

- **KMP College of Arts and Science**
  T: 0484 2138530
  Degree Course: B.Com with Computer Application, B.Com with Finance & Taxation, B.B.A, B.C.A, M.Com (Finance)

- **S.S.M. L.P. School**