



- Established in 1998 and Affiliated to Anna University, Chennai
- 3,75,000 sq.ft. built up area in a serene 45 acre campus
- Undergraduate & Postgraduate Engineering programmes in the field of Aviation, Mechanical, Electronics and Information Technology



From HoD's Desk

The Department of Mechanical Engineering is a diverse collection of faculty from several different disciplines. Their overarching common goal is to develop and apply novel technologies to the physical world for the benefit of society. Thus, the department has design, manufacturing, thermal and material engineers. I am pleased that the department of Mechanical Engineering is publishing its second issue of periodic newsletter for 2013-14. This issue highlights the strengths and achievements of the department. The most important strength is the highly talented and mostly young faculty. I am confident that their vigorous activities will make their future newsletters eagerly anticipated reading!

Dr. Z. Edward Kennedy
HOD/Mechanical

Impact

Newsletter



From Principal's Desk

Greetings!! It gives me immense pleasure to present this issue of "IMPACT". This newsletter is one of the ways in which we disseminate information & activities extend over the department of Mechanical Engineering. The department offers B.E Mechanical, M.E Engineering Design, M.E Manufacturing engineering & Ph.D. programmes. The last semester was full of various extra-curricular and R&D. As you read this you will realize that this was a successful semester. I wish the colleagues for their tireless effort grow at a very steady pace.

Dr. T. Rengaraja
Principal

About the Department of Mechanical Engineering

The Department of Mechanical Engineering had its inception in the year 1998 and is permanently affiliated to Anna University. Mechanical engineering is a core area which provides the student with the skills required for a professional career in a wide range of sectors like finance, industry, consultancy and public services.

As the work of a mechanical engineer involves production, transmission and use of mechanical power and heat, we teach them to analyze the different materials used for the machines and their tolerances, investigate the different energy sources and the power they generate and the design problems if any. The department imparts knowledge in three major areas, namely Thermal Engineering, Manufacturing and Design. Student chapters of SAE, ISTE, Energy Club.

**"To Make Every Man a
Success and no man a
failure"**

Staff activities

- Mr. Prince JeyaLal. L & Mr. Praveen Kumar. A attended FDP on “Strength of Materials” at St. Joseph college of Engineering, Chennai from June 10 -17, 2014.
- Mr. Prince JeyaLal. L attended FDP on “Ansys - an introductory training” from 6th to 8th June at NIT Trichy
- Mr. K. Mahesh Kumar & Mr. A. Sam Daniel fenny attended FDP on “Computer Integrated Manufacturing” June 18 – 25, 2014 at CEG Chennai.
- Mr. R. Nandhini & Ms. N. Nithya participated in “1st International Conference on Structural Integrity” (ICONS -2014) February 4-7 2014.
- Mr. R. Nandhini & Ms. S. Zubaida Kathoon Bee attended a STC on “Advances in Welding & Manufacturing” by NITTR Chennai from 6th-10th Jan, 2014.

Student Activities



- Karthick, Yuvaraj & Vinoth kumar of III Mech secured 2nd price in FARM Robotics National level symposium at CEG March 19th & 20th, 2014.
- M N Pragadish IV year, Mechanical Engineering department, applied for provisional patent for his innovation ‘Hybrid Shock Absorber’ – ‘4306/CHE/2013’.
- Delvin First year Mechanical Engineering came second in English Speech competition conducted by Tamil Nadu Science Centre at Birla Planetarium.

Students Achievements

- K. Dhilipan of III year Mechanical was selected to represent 2nd Rajiv Gandhi International Cricket Championship.



- Nataraj.S secured 47th rank in the Anna University B.E Degree Examinations.



Training Program

A Five days training program on **CNC & VMC** was attended by **twenty Nine** Students of **III year** and **three final year** Mechanical Engineering students in two batches held at HIET, Padappai, Chennai.



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Alumni Meet

An alumni meet was conducted on 31st May, 2014 in Mirza Seminar Theater. The event started off with a flag hoisting followed by a department meet. The alumni had the opportunity to talk to the staff and share their fond memories and experiences. The audience was addressed by the Principal Dr. T. Rengaraja. The alumni had the opportunity to talk to the staff and share their fond memories and experiences. They also spoke about what it means to be alumni and the benefits of being a member of such an association. The event ended on a high note with people laughing, talking and general having a great time. By the end of the day, a number of pictures were snapped and a number of memories were made.



Principal's Address



Group Photo



Alumni Testimony

ME CAD Lab

The research and development for products with better design and higher quality is now a dominant factor of competition among many industries. This trend is supported by the introduction and successful implementation of modern computer technologies for product design. The high quality and technologically advanced products and services are the end result of integration of a series of processes and functions which are present in every enterprise, e.g. research, design, manufacture, maintenance, marketing etc. Computer Aided Design (CAD) Laboratory of KCG College is developed with a view to train students to manage and execute the integration of all these different components. Lab is equipped with latest hardware and high end analysis and simulation software "Abaqus CAE" and it has 10 licenses.

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Impact

Department of Mechanical Engineering

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Courses Offered in Department of Mechanical Engineering

- **B.E Mechanical Engineering**
- **M.E Engineering Design**

Editorial Board

CHIEF EDITOR

Dr. Z. Edward Kennedy

FACULTY MEMBERS

Mr. K.G.Maheshwaran, Associate Prof.

Mr. R.MagendraVarma, Associate Prof.

Mr. S. Mahesh Kumar, Assistant Prof.

STUDENT MEMBERS

Bharathi.D, IV Mech

Sudharsan B, IV Mech

Ajith Kumar M.M, III Mech

Suryanarayanan.C.P, III Mech

Jayapal Sadasivam, II Mech

Puja priyadarshini N, II Mech

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POWERED BY INTELLECT
DRIVEN BY VALUES



accenture



Student Activities

Company	No of Students Placed
Infosys	15
KJK Meister HONEN (p) Ltd	07
Steel Strips Wheels Ltd	02
Career Innovation Technologies Pvt Ltd.	02
Accenture	02