

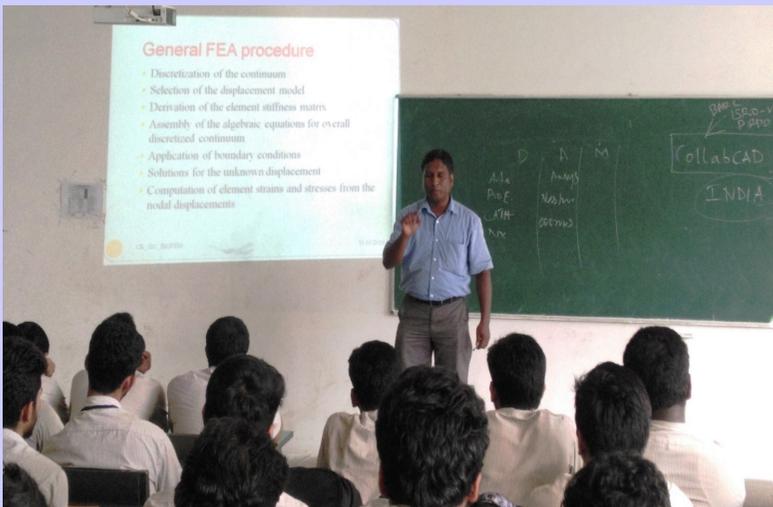
Departmental Activities

As the part of ONAM celebrations 2016, S7ME students and M.E. Faculties donated Rs 40,000/- for one day Dialysis in Jubilee Mission Medical College, Thrissur. The Principal and HOD handed over the cheque to Fr. Sijo Cheruvathoor, Assistant director Jubilee Mission Medical College, Thrissur on 09-09-2016.



Association of Mechanical Engineering Students in association with SAEINDIA Collegiate Club conducted 40 hours Add-on Course on SHEET METAL DESIGN USING SOLIDWORKS. 26 students (S7ME) successfully completed this course and Mr.Lippin Pauly and Mr.Christy V.Vazhappilly are the faculty in-charge of this course.

Mr. C. Karunakaran, Lead Instructor, MAHA Industrial Skill Development Centre, Vellore, Tamil Nadu, conducted an expert talk on “**Application of FEM in Biomedical Engineering**”.



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NEWS LETTER

DEPARTMENT OF MECHANICAL ENGINEERING

Volume V, Issue II



June– Dec 2016 01

Vision

To provide quality education of international standards in Mechanical Engineering and promote professionalism with ethical values, to work in a team and to face global challenges.

Mission

- To provide an education that builds a solid foundation in Mechanical Engineering.
- To prepare graduates for employment, higher education and enable a lifelong growth in their profession.
- To develop good communication, leadership and entrepreneurship skills to enable good knowledge transfer .
- To inculcate world class research program in Mechanical Engineering

H.O.D's Desk



Academic year 2016-17 started for Mechanical Engineering in June with high enthusiasm and willpower to achieve better examination results and other extracurricular activities than the last year. Higher level industry-institution interaction is proved this year by starting of external projects of final years in reputed industries in Kerala.Let us study more about modern developments in theory and practice of Mechanical Engineering and become efficient and useful engineers for the future.

Staff Achievements



Mr. Parveen Raj (APME) attended a short term training programme on “**Research Methodology**” organized by Dept of EEE in association with ISTE JECC chapter.



Mr. Jithin K. Kuriakose (APME) attended an FDP on “An over view of mathematics in research” organized by BSH Dept. of JECC.



Mr. Martin K. Vincent, Mr. Vipin Varghese, Mr. Suneeth Sukumaran (APME) published a paper on the topic “**Fabrication and Analysis of Fatigue Testing Machine**” in International Journal of Engineering and Science.

Students Achievements



Students of S7 ME (Krishnaprasad T.S., Vigil Roy V., Jerin Joseph John & Ramakrishnan C.P.) participated in startup i3 at Vimal Jyothi Engg. College, Kannur and secured 3rd prize worth Five thousand rupees.



Ms. Sushmitha S. of S8 ME-B got highest score 10 SGPA in S8 examinations conducted by University of Calicut.



Mr. Akhilesh P.R. of S4ME-A presented a paper titled “Enhancement of Surface Finish using Abrasive Flow Finishing Process” at National Conference on Technological Advancements in Civil and Mechanical Engineering (NCTACME-17) Organized by C.H.Mohammed Koya KMEA Engineering College, Aluva.



Vishnu Krishnan, Jithu boban, Vivek Balachandran, Vasyan K. of S8ME-B got Best Performer Award Fab XL workshop conducted by Kerala start up mission at CKC Perumbavoor.



VARKEY F THACHIL & NIKHIL CHACKO of S8ME-B got 2nd prize on startup i3 conducted by Kerala startup mission at Rajagiri School of Engineering & Technology.

DEPARTMENT OF MECHANICAL ENGINEERING

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

PEO I: Graduate Engineers shall have strong practical and theoretical exposure in the field of Mechanical Engineering and will contribute to the society through innovation and enterprise.

PEO II: Graduate Engineers shall have global outlook and technological leadership, good employments or opt for higher studies/research and have creative thinking to initiate and develop innovative ideas.

PEO III: Graduate Engineers shall have excellent teamwork, communication and interpersonal skills, having high morals and ethical values.

PROGRAMME OUTCOMES (POs)

- Ability to apply knowledge of mathematics, science and engineering in the field of Mechanical Engineering.
- Ability to design and conduct experiments, analyze and interpret data and results in Mechanical Engineering.
- Ability to design Mechanical systems, components, or processes to meet the desired needs within realistic constraints such as health and safety, manufacturability and sustainability with economic, environmental, social, political and ethical considerations.
- Ability to work individually as well as in multidisciplinary teams as a member or as a leader to accomplish the common goal.
- Ability to identify, analyzes, formulate, and solve engineering problems.
- Knowledge of professional and ethical responsibility.
- Ability to communicate effectively in any area of their field to the industry, fellow beings and society.
- Broad knowledge necessary to understand the impact of engineering solutions on individuals, organizations and society.
- Ability to engage in life-long learning to update their knowledge to keep pace with changes caused by dynamic nature of engineering field.
- Awareness of the contemporary issues that help to integrate advanced and sustainable solutions in the user environment.
- Ability to use the techniques, skills, and modern engineering tools, software and equipment to analyze and model complex engineering solutions.