



JYOTHI ENGINEERING COLLEGE
DEPARTMENT OF
MECHANICAL ENGINEERING
NEWSLETTER

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H.O.D's Message



We Indians are proud of the success of “Mangalyan” expedition.. Our state Kerala had a considerable involvement and consideration in the achievement. The family members of science and technology of India are very happy about the result and become more confident in the theory, practice and the output of science and engineering. Let this confidence added to the sincere hard work may lead us to our individual as well as general progress in the future.

Dept. Activities

Three days ASME Certificate Course on “Designed Fabrication of pressure Vessels” was conducted from 14th to 16th October 2014. Sri P.G. Shah, Sr.Vice President Technical-ASME Authorized Training Instructor was present and distributed ASME Certificates.



Staff Achievements



Mr.Sreejith K. (APME) published a research paper titled “EXPERIMENTAL INVESTIGATION OF A HOUSEHOLD REFRIGERATOR USING AIR-COOLED AND WATER-COOLED CONDENSER” in International Journal of Engineering And Science (IJES), June 2014.



Mr. Biju C. V. published a Ph.D. research paper titled “INVESTIGATION INTO EFFECT OF PARTICLE IMPACT DAMPING (PID) ON SURFACE TOPOGRAPHY IN BORING OPERATION” in The International Journal of Advanced Manufacturing Technology, August 2014.



SIX STROKE ENGINE WITH PRE-COOLED SYSTEM FOR LOW CONSUMPTION OF FUEL prepared by Mr. Nice Menachery and Mr. Manoj Kumar V.K. won the “Best Paper Award” in the (IEEE-ICAET-2014) Conference at EGS Pillay Engineering College, Nagapatanam.



Mr.Cijil B. John (APME) secured first rank for the M.Tech Course in Internal Combustion Engineering at Hindustan University, Chennai.



Mr.Christy V. Vazhappilly published a research paper titled “Solar Powered Heat Control System for Cars” in International Journal of Engineering Research and Applications (IJERA), May 2014 .



Ms. Nisha Sherief with 4 Mechanical students published a research paper “EXPERIMENTAL INVESTIGATION TO CONTROL ALCOHOLIC DRIVING” in “International Journal of Engineering Research and Technology” (IJERT), April 2014.

Staff Joined: Mr.T.R.Sreesatha Ram, Mr.Ajith Krishnan R., Mr.Cijil B.John, Mr.Sajith U.K., Mr.Arunraj A. and Mr.Jithin K. Kuriakose joined to the department as Assistant Professors.

Staff Activities



Mr. Melvin Raj C.R. (APME) with 4 Mechanical students published a research paper titled “COMPARATIVE STUDY OF HEAT EXCHANGERS USING CFD” in International Journal of Engineering Research and Applications (IJERA), May 2014.



Mr. Suneeth Sukumaran (APME) presented a paper titled DESIGN AND ANALYSIS OF 3000# 6” GLOBE VALVE at 2nd National Conference on Materials and Mechanical Engineering (NCMME 14) held on 2nd & 3rd May 2014 organised by Dr. Mahalingam College Of Engineering And Technology, Coimbatore.



Mr. Sreejith K. (APME) published a research paper titled “EXPERIMENTAL INVESTIGATION OF PEDAL POWERED CENTRIFUGAL PUMP” in International Journal of Engineering And Science (IJES), August 2014.



Mr. Biju C.V. & Mr. Nikhil N.S. presented a paper on ‘Pause and Search’ - a multi pillar approach as a modified taxonomy for technical education, in 25th annual state convention of ISTE Held at Jyothi Engineering College. Which won second best paper award and got cash prize.



Mr. C. Karunakaran (APME) conducted a Hands-on training on “MATLAB-SIMULINK” for S7 Applied Electronics and Instrumentation Students on 19-06-2014.

Three days ASME Certification course attended by Mr. C. Karunakaran, Mr. Manoj Kumar V. K., Mr. Christy V. Vazhappilly, Mr. Suneeth Sukumaran and Mr. Sheik Afthab S., (APME) along with 40 students of S7ME.



Students Activities

Joemon Benny, Kiran B. Chirayath, Prashob T.P., Rahul Unni, Sooraj George and Joel J.Manjaly (S5ME-B) had won Second Prize in “Contraption”,event of “PALMARIUS”, National Level Technical Fest, organised by Sahrdaya College of Engineering & Technology on 14th October 2014.

Muhammad Sajjad Firoz, Leo P. Lovely, Joseph Anto, Steven Anto, Krishnadas and Melbin Johnson (S5ME-B) participated in “Contraption”, the event of “PALMARIUS”, National Level Technical Fest, organised by Sahrdaya College of Engineering & Technology on 14th October 2014.



Betson Jose Attokaran (S3ME-A) had won first in ‘ELECTRO CAVE’, event of “PALMARIUS”, National Level Technical Fest, organised by Sahrdaya College of Engineering & Technology on 14th October 2014.



57 students of S5ME-B and two faculty members undertaken three Industrial Visits on 28-06-2014 (Saturday) to FCRI, Instrumentation Limited & ITI, Kanjikode, Palakkad, as per the curriculum of University of Calicut.

S7ME-B and A batches conducted 7 days educational tour on 17th and 24th August 2014 to Hyderabad.

Result Analysis

Semester	Total Pass %	University Position
S5	75.45	5 th
S3	49.18	9 th