



JYOTHI ENGINEERING COLLEGE
DEPARTMENT OF
MECHANICAL ENGINEERING
NEWSLETTER

Volume II, Issue II

June - December 2013



H.O.D's Message

Academic year 2013-14 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. Let the "Mangalyaan" expedition continue to travel without trouble and bring useful outputs in future; at the same time, we the family of mechanical engineers be ready to support for the next jump to the progress of mankind. Be sincere, simple a hardworking with curiosity to know more so that the success will follow you always.

Dept. Activities

The inaugural function of AMES for the year(2013-2014) was organized on 21 Aug. 2013.

The Chief Guest of the day Dr. M. R. S Nair, Former Principal Govt Engineering College Thrissur delivered the keynote address.



Dept. Activities



Three days workshop on “PCB Design & Fabrication” was organized by Mechanical Engineering Department in association with IEEE student branch started on 30th August; Mr.C.Karunakaran of ME department & Mrs. Reshma of EEE department were the conveners .

Staff Activities



Ms.Nisha Sherief,Mr.Syamjith K,Mr.Tony Kottoor and Mr.Sheik Afthab S joined to the department as Assistant Professors.

Staff Achievements



Mr.Melvinraj C R secured 2nd rank in M-Tech Thermal system in the academic year 2013-14.



Christy V Vazhappilly, Trijo Tharayil “Modeling and Experimental Analysis of Generator in Vapour Absorption Refrigeration System” Int. Journal of Engg Research and Applications,(IJERA) Vol.3, Aug. 2013.



Biju CV, Nikhil N S “Investigation of machinability of self propelled rotary cutting tool”, Int. Journal of Research in Aeronautical and Mechanical Engg, Vol-1, Issue-3



Mr.Tony Kottoor published a technical paper entitled “Comparison of Stainless Steel File with NiTi Coated Stainless Steel File using Electron Beam Physical Vapour Deposition Process” in “Dhayandha Sagar Int. Journal management” Vol .1, Issue 1, Oct. 2013.



Mr.Suneeth Sukumaran attended a short term course on “Introduction to Finite Element Method (FEM) with Hands on Altair Hyperworks” at MNIT Jaipur from 03/06/2013 To 06/06/2013.

Staff Activities



Christy V Vazhappilly, Manojkumar V.K., Praveen Raj
“Experimental Analysis of Vibration of Ball Bearing
Considering Solid Contaminants in Lubricants” International Journal of Engg Research and Applications,
Vol. 3, Issue 5, Sept-Oct 2013.



Mr. Nice Menachery, Mr. Melvinraj CR and Mr. Biju CV
participated in the international conference on Safety by
Desgin (ICSBD) held at JCET Palakad on 16th and
17th Aug. 2013.



Mr. Sreejith K. & Mr. Nikhil N.S. attended a two day workshop
on “Measurements during metal cutting” jointly organized by
Dept. of Mechanical Engineering, N.S.S College of Engineering,
Palakkad & Dept. of Mechanical Engg, Karunya University
Coimbatore, Sponsored by AICTE, held on 11th & 12th Oct. at N.S.S.C.E Palakkad .



Road demonstration of the Project “Externally
controlled adaptive speed governing system” de-
veloped by (S7ME) Sibin Peter P, Sharath G
Krishnan, Delvin Devassy, Basil Varghese under
the guidance of Mr. Biju C V, Assistant Professor
Mechanical Engineering

One day Eco friendly trip to Kodaikanal as part of Environmental day



Students Achievements

Twenty Five students of S3 ME-B had undergone one day technical training on “Automotive Electrical System” at Bosch local training centre, Aluva on 16-11-13



Sreevalsan S Menon, Sooraj M S, Sanjay Mohan, Rino Disney (S6 ME) and Suneeth sukumaran (AP/ME)

“Design and Analysis of Kinetic Energy Recovery System in Bicycles “(IJIRSET), Volume 2, August 2013



Ajeesh Samuel V.C., Ajith Xavier, Christo Antony, Colins T.Anto published a technical paper entitled, “Experimental Investigation of a Solar Powered Eco-Fridge” International Journal of Engineering Research

& Technology” (IJERT), Vol.2 Issue 9, September 2013.



Thrid Prize for Jibin Mathew, Jithin Johnson, Raphael A Vazhappilly, Robowar, National level Techno-Cultural Fest, Malabar College of Engg. Technology, Thrissur

Placement

Abin John,Alex Thomas.Jithin Thomas&Sreevalsan S Menon got campus placement on Infosys Bangalore. Ajith Xavier got campus placement on UST Global TVM

Result Analysis

| Semester | Total Pass % | University Position |
|----------|--------------|---------------------|
| S8 | 93.20 | 4 th |
| S6 | 90.63 | 1 st |
| S4 | 52.72 | 7 th |
| S1S2 | 58.53 | 8 th |