



JYOTHI ENGINEERING COLLEGE  
DEPARTMENT OF  
MECHANICAL ENGINEERING  
**NEWSLETTER**

Volume III, Issue I

January– May 2014

### H.O.D's Message



We prefer to have the best always out of anything for which we are attempting. To reach that level we must try our best through hard work and concentration. The rest will come automatically, either on the day or in future, if you are really deserving. With that hope you try your best. A positive approach and good vision lead us to better success. I will wish all my students the best result in the year ending exams and excellent placement for final years in future.

### Student Activities

Franco Antony, P.J Albert, mr.rimin, Rino Disney, Sooraj Sreeval-san Menon and project guide Melvinraj.C.R, AP/ME conducted a press conference of their innovative project “pneumatic hybrid vehicle-(phv)” project at thrissur.



## Staff Achievements



Mr.Sreejith.K.(APME), presented a research paper “DESIGN AND COST OPTIMIZATION OF PLATE HEAT EXCHANGER”, in the National Conference on Latest Trends in Mechanical Engineering (NCLTME-2014) held at N.S.S. College of Engineering, Palakkad on 26/03/2014



“FUEL CONSUMPTION REDUCTION SYSTEM IN 4 STROKE ENGINES”, prepared by Mr. Nice Menachery was accepted for presentation in the (IEEE-ICAET-2014) Conference at EGS Pillay Engineering College, Nagapatanam.

## Student Activities

S4 ME A and B batches conducted 3 days study tour on 16<sup>th</sup> and 9<sup>th</sup> Jan 2014 to Bangalore.

S6 ME - B students conducted Industrial visit to HMT on 18<sup>th</sup> Jan 2014.

S8 ME students visited ATOS Instrumentation Ltd and Viswesarayya museum as part of Final year study tour on January 2014 at Bangalore.



## Staff Activities



Christy V Vazhappilly, Manoj Kumar and Praveen Raj, APME Published a research paper “Experimental analysis of Vibration of Ball bearing considering solid contaminants in lubricants”, in International journal of engineering research and application (IJERA). Vol. 3, Issue 5.



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



Mr. Sreejith K. (APME), presented a research paper titled “EXPERIMENTAL INVESTIGATION OF A HOUSEHOLD REFRIGERATOR USING AIR-COOLED AND WATER-COOLED CONDENSER”, in the National Conference on Latest Trends in Mechanical Engineering (NCLTME-2014) held at N.S.S. College of Engineering, Palakkad on 26/03/2014.



One day trip to echo friendly farm house as part of Agriculture Day awareness on March 2014

## Students Achievements

Joemon Benny, Nidhin Joy, Prasobh T.P, Ramanathan R. & Sooraj George J. of S4ME-B, attended Grand Finale of “Robo-Zest 2014” at IIT Bombay on 4th March 2014.

Ramanadhan R., Prashob T.P., Sooraj George J. and Nidhin Joy of S4 ME B have successfully attended two days workshop on Robotics at Nirmala College of Engi-



Mr.SREEVALSAN S MENON participated in the “One day Workshop on Computational Science”, March 21,2014 at Supercomputer Education and Research Centre, Indian Institute of Science(IISc), Bangalore. He also qualified for GATE2014.



Mr.ALLWYN ANTONY, Mr.FROIDJAMES participated in International Conference on safety by design held at Jawaharlal Nehru college lakkidi and presented the project titled “MULTI FUNCTIONING MECHANICAL RECLINER”.

Mr. Tony Kalliath, Mr.Shino Simon, Mr.Linz Rajan and Mr.Sajith Syamaprasad of S6ME-B won the 1<sup>st</sup> prize in treasure hunt conducted by Don Bosco college, Man-nuthy.



Mr. AKHIL VINCENT of S8ME won first prize in LAN GAMING at Jyothi Engg college, 24Jan2014, Malabar Engg college, Feb2014, Mar Athanasius college, March2014 and NSS college Palakkad. March2014



## Placement

Mr.RINODISNEY of S8ME got placed at TATA CONSULTANCY SERVICE (TCS)

## Result Analysis

Semester	Total Pass %	University Position
S8	98.44	1 <sup>st</sup>
S7	96.87	1 <sup>st</sup>