



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

Volume II, Issue I

January– May 2013

### H.O.D's Message



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. Be sincere, simple a hardworking with curiosity to know more so that the success will follow you always.

### Students Activities

S3ME students visited 16th Indian Metal Cutting Machine Tool Exhibition at Bangalore International Exhibition Centre (BIEC), Bangalore, Visvesvaraya Industrial & Technological Museum, Bangalore, as part of their study tour cum industrial visit during 24-25th Jan 2013.



S8ME students visited Heritage Centre & Aerospace Museum, HAL Limited, Bangalore, National Institute Of Oceanography, Goa, Mala's factory, Panchgani & Mahabaleshwar as a part study tour cum industrial visit during 20-28th Jan 2013.

### Staff Achievements/Activities



Mr.Sreejith.K, won Second Prize for his paper “Performance evaluation of a domestic refrigerator having water-cooled condenser using various compressor oils”, at the National Level Conference on Recent Trends in Mechanical Engineering, Mets School of Engg, Mala, 19/Jan/2013



Mr.Manoj Kumar V.K & Mr. Praveen Raj visited Steel Industries Ltd, Athani & FACT, Ernakulam in connection with external project work respectively.



Mr. Nice Menachery, Mr. Biju C V, “Investigation of Mechanical Properties and Grain Structure of 5xxx Aluminum Alloys under Precisely Controlled Annealed Conditions” IJSRP, Vol. 3, Issue 1, Jan. 2013.



Mr. Christy V Vazhappilly, “Stress Analysis of Connecting Rod for Weight Reduction-A Review” International Journal of Scientific and Research Publications, Vol. 3, Issue 2, Feb. 2013.



Mr. Nice Menachery, “Cause and Effect Analysis for Re-heating the Titanium alloys while forging operation- A case study” International Journal of Engineering Research and Development, Vol. 7, Issue 3, March 2013.



Mr.Sreejith.K, “Experimental Investigation of A Domestic Refrigerator Having Water-Cooled Condenser Using Various Compressor Oils”, International Journal of Engineering and Science, Vol. 2, Issue 5, February 2013.



Aju Pius Thottungal ”Controlling Measures to Reduce Rejection Rates Due to Forging Defects”,Int. Journal of Scientific and Research Publications, Vol. 3, Issue 3, March 2013.



Mr.Suneeth Sukumaran, "Design and Analysis of Metallic Thermal Protection Systems (MTPS)" Int. Journal on Scientific Research and Publication (IJSRP). Vol. 3, Issue 2, Feb. 13



Mr.Sreejith.K, "Performance Evaluation Of A Household Refrigerator Using Cu Nanoparticle Lubricant Mixture And Various Other Compressor Oils With Different Condenser Modes", International Journal of Engineering Research and Development, Volume 5, Issue 7, January 2013.



Mr. Nice Menachery, "Investigation of Mechanical Properties and Grain Structure of 5xxx Aluminum Alloys under Precisely Controlled Annealed Conditions" ,MET's Engineering college, Mala,January 19th 2013.



Mr.C.Karunakaran, conducted a Hands on Session on "Basics of Lab VIEW" at ISTE sponsored National Level FDP on Design Testing & Launching of Satellite Systems,7th Feb2013.

One day Eco friendly trip to Munnar as part of forest awareness day



## Students Achievements/Activities



S6ME students visited Steel Industrial Limited Kerala (SILK), Athani, Cochin Dies and Moulds Pvt. Ltd., Saraswathy Precision Instruments Pvt. Ltd on 01-02-2013.



Mr. Akhil Vincent (S6ME) won first prizes in LAN Gaming in the national level Techno - Cultural fest Abhiyanthriki '12, conducted by Rajagiri School of Engineering & Technology, Ernakulum on 4th December 2012 and also at AMPS 13, conducted by MET'S School of Engineering, Mala, held on 10th January 2013.



Mr. Benzer K. Thimothi (S4ME-A) & Mr. Tony Kalliyath (S4ME-B) won First Prize in quiz Competition organized by the Dept of EEE, Sahrdaya College of Engg & Tech, On 8th Feb. 2013.



Mr. Akhil Vincent (S6ME) has won first prize in LAN Gaming at the national level Techno - Cultural fest Srishti 1.3, held on 17th Feb. 2013 conducted by St. Thomas' college, Thrissur.



Mr. Akhil Vincent (S6ME) won first prize and Mr. Alen Sebastian (S6ME) won second prize in LAN Gaming at the national level Techno-Cultural fest Quazer V2.0, held on 2nd March 2013 conducted by MET'S School of Engineering, Mala.