



Recent Journal Papers

1. Kapilan, N. and Dr.R.P.Reddy, ('Performance and emissions of a dual fuel operated diesel engine', *Int. J. Alternative Propulsion*, Vol. 2, No. 2, pp.125-134, 2012).
2. Ramakrishna Hegde, Shrikantha S.Rao, Dr.R.P.Reddy, " Studies on Nanoparticle Coating due to Boiling Induced Precipitation and Its Effect on Heat Transfer Enhancement on a vertical cylindrical surface", *Experimental thermal and Fluid Science- Elsevier publications*, 38, 229 - 236, 2012 (2010 Impact factor 1.267, 5-Year Impact factor 1.572).
3. Ramakrishna Hegde, Shrikantha S.Rao, Dr.R.P.Reddy, "Experimental studies on CHF enhancement in pool boiling with CuO-water nanofluid", *Heat and Mass Transfer*, Springer-Verlag Publications, DOI 10.1007/s00231-011-0955-9, published online: 03 Jan 2012 (2010 Impact factor 0.673).
4. Ramakrishna Hegde, Shrikantha S.Rao, Dr.R.P.Reddy, "Investigations On Heat Transfer Enhancement In Pool Boiling With Water-CuO nanofluids" *Journal of Thermal Science*, Springer - Verlag publications, 21(2), 179 -183, 2012(2010 Impact factor 0.212).
5. Ramakrishna Hegde, Shrikantha S.Rao, Dr.R.P.Reddy, "Boiling induced nanoparticle coating and its effect on pool boiling heat transfer on a vertical cylindrical surface using CuO nanofluids", *Heat and Mass Transfer*, Springer - Verlag Publications, DOI 10.1007/s00231-012-0996-8, published online: 07 April 2012 (2010 Impact factor 0.673).
6. Vijaykumar.B.Chanshetty, Sangshetty.K, Sharanappa.G, "Surface Morphology Studies and Thermal analysis of V₂O₅ doped polyaniline composites" *Int.Journal of Engineering Research and Applications(IJERA)* , Vol.2,Issue 5,Sept-Octo 2012, pp.611-616.
7. Sharanappa Godiganur, R P Reddy, Anil Kumar Patil "Performance and Emission Study of Rice Bran Oil Methyl Ester in a 4-Stroke Natural Aspirated Direct Injection Diesel Engine", *International Journal of Trends in advanced science and engineering*" March 2012.
8. Manjunatha L.H. Dr.P.Dinesh, "Development & Study on Microstructure, Hardness and Wear Properties of as Cast, Heat Treated and Extruded CNT-Reinforced With 6061AL Metal Matrix Composites", *International journal(IJMET)*, Volume 3, Issue 3, Sept-Dec(2012), pp.583-598.(Impact factor(2012): 3.8071.
9. Mallikarjuna Reddy. D and Swarnamani. S. "Damage detection and identification in structures by spatial wavelet based approach". *International Journal of Applied Science and Engineering*. (Vol-10, 1, pp. 69-87, 2012).
10. Mallikarjuna Reddy. D and Swarnamani. S. "Application of the FRF curvature energy damage detection method to plate like structures", *World Journal of modeling and simulation*. Vol. 8, No. 2, pp. 147-153, 2012.

11. Mallikarjuna Reddy. D and Swarnamani. S. "Damage Identification multilevel building structure using empirical mode decomposition method", International journal of advances in science and Technology, Vol. 5, No. 1, 2012 (Accepted for publication)
12. N Jegadeeswaran, M R Ramesh, K Udayabhat, "Wear Studies on Wrought and Heat Treated Nimonic, Titanium and Superco Superalloys", International Journal Applied Science Engineering Research (IJASER), February- May, Volume 2 Issue 3, 2012. Also Presented in International Conference on Advanced Materials (ICAM-2011) Proceedings held on 19th 20th of August 2011, Page No. 48.
13. H. G. Hanumantharaju, Dr. H. K. Shivanand, Dr. M. M. Benal, Shivasharanayya Swamy, Hemanth B, "Immersion Corrosion study of Uncoated SS316L, Coated SS316L, Uncoated Ti-6Al-4V, Coated Ti-6Al-4V, Uncoated Alumina, Coated Alumina, PEEK, PEEK with 30% glass filled, Polyurethane used as Biomaterials", International journal of Mechanical engineering (IJME), 2012.

