

## Papers Published

### Papers Published by Dr. Parthasarathy N.S

International Journal of Theoretical and Applied Mechanics, Vol 3, No 3, 2008, pp 187-194. **"A Concise Mathematical Model for establishing a Rotation Restraint Operating Requirement for a Bi-metallic Stranded Cable"**.

International Journal Advanced Manufacturing Technologies, Vol. 43, No. 7-8, August 2009. **"Prediction of Sink Depths using Non-Linear Modeling of Injection Molding Variables"**

International Journal Advanced Manufacturing Technologies, Vol 45, pp 867-874, 2009. **"Sink Mark Minimization in Injection Moulding through response Surface Regression Modeling and Genetic Algorithm"**

Journal of Applied Mechanis, Vol.77, No. 1, pp. 1-6, 2010. **"Effect of friction on coupled contact in a twisted wire cable"**

Archive of Applied Mechanics, vol 81, pp 303-317, 2011. **"Effect of Interfacial Contact Forces in Radial Contact Wire Strand"**

Journal of Lecture Notes in Engineering and Computer Science, Vol 2192, Issue No 1, pp 2057-63, 2011. **"Effect of Interfacial Contact Forces in Lateral Contact Wire Strand"**

International Conference on "Advances in Mechanical and Building Sciences in the 3' rd Millennium(ICAMB-2009)" VIT University, Vellore, Tamilnadu - 632 014, India, 14th to 16th December 2009. **"Effect of Interfacial Contact Forces In Coupled Contact Wire Rope"**

International Conference on "Advances in Mechanical and Building Sciences in the 3' rd Millennium(ICAMB-2009)" VIT University, Vellore, Tamilnadu - 632 014, India, 14th to 16th December 2009. **"Bending Response of a Stranded Cable over a Sheave under Static Load"**

ASME International Mechanical Engineering Congress and Exposition, November 12-18, 2010, Vancouver, British Columbia. **"Effect of Interfacial Trellis Contact Forces in a Wire Rope"**

### Papers Published by P. Suresh Kumar, Asst Prof.

SME 2010. **"Methodologies of using thermal barrier coatings for engine applications"**

International Journal of Mechanical Sciences, 2009. **"Methods of Using High Velocity Oxy Fuel Coatings in Engine Applications"**

### Papers Published by G.Shankar, Asst Prof

SME, 2010, **"Methodologies Of Using Thermal Barrier Coatings For Engine Applications"**

SME, 2011, **"Contact & Modal Analysis for an Angular Contact Ball Bearing of A Rotor System"**

### Papers Published by Gururaja M.N, Asst. Prof.

International Journal of Soft Computing and Engineering (IJSCE) Exploring Innovation (ISSN:2231-2307 Online, Reg. No.: 61903/BPL/CE/2011), 2012. **"A Review on Recent Applications and Future Prospectus of Hybrid Composites"**