

LIST OF PUBLICATIONS

International journal publications

1. **Gopinath, D.**, Shibu, G. and Thanigaiyarasu, G. “Theoretical Estimation of Stiffness of Stranded Cable Subjected to Constrained Bending”, International Journal of Offshore and Polar Engineering, Vol. 22, No. 4, pp. 330-336, December 2012.
2. **Gopinath, D.**, Shibu, G. and Thanigaiyarasu, G. “Theoretical Estimation of Stiffness of Stranded Cable Subjected to Free Bending and Constrained Bending”, International Journal of Steel Structures (paper under review).
3. Gnanavel, B. K., **Gopinath, D.** and Parthasarathy, N. S. “Effect of Friction on Coupled Contact in a Twisted Wire Cable”, Journal of Applied Mechanics”, Vol. 77, pp. 1-6, No.2, December 2009.

International Conference publications

1. **Gopinath, D.** and Parthasarathy, N. S. “Bending response of a stranded cable under static load, International Conference on Advances in Mechanics and Building sciences”, at **VIT University**, Vellore, India, December, 2009.
2. **Gopinath, D.**, Gnanavel, B. K. and Parthasarathy, N. S. “Bending of Stranded Cable over a Sheave, Asian Conference on Mechanics of Functional Materials and Structures”, **Shimane University**, Matsue, Shimane, Japan, October 31 – November 03, 2008.
3. **Gopinath, D.**, Gnanavel, B. K. and Parthasarathy, N. S. “Tangential Contact Stresses of a Stranded Cable, Fourth International Conference on Theoretical, Applied, Computational and Experimental Mechanics”, Department of Aerospace Engineering, **Indian Institute of Technology**, Kharagpur - 721 302, India, 27th -29th December, 2007.
4. **Gopinath, D.**, Ganesh Kumar, L., Shibu, G. and Parthasarathy, N. S. “Mathematical Models of Stranded Cables under axisymmetric Loads - A Review”, International conference on advances in materials, Product Design & Manufacturing Systems, **Bannari Amman Institute of Technology**, Sathiyamangalam, India, 12th -14th December 2005.