Dr.R.Ramesh- Research Publications

1. C Senthamaraikannan, R Ramesh, Experimental investigation on vibration characteristics of woven carbon fabric-reinforced composite beams of various cross-sectional shapes, Proceedings of the Institution of Mechanical Engineers, Part L: Journal of engineering tribology, 2016,

2. R Murugan, R Ramesh, K Padmanabhan, Investigation of the mechanical behavior and vibration characteristics of thin walled glass/carbon hybrid composite beams under a fixed-free boundary condition, Mechanics of Advanced Materials and Structures 23 (8), 909-916, 2016.

3.Prem Ananth M. and Ramesh R. Reciprocating Sliding Wear Performance of Hard Coating on Modified Titanium Alloy Surface has been accepted for publication in Tribology Transactions, 2015, 58, Pages 169-176.

4. MP Ananth, R Ramesh, Reciprocating sliding wear performance of hard coating on modified titanium alloy surfaces, Tribology Transactions 58 (1), 169-176, 2015.

5. L.Radhaswamy, C.Senthamaraikannan, Dr. R. Ramesh, Investigation of the elastic modulus effect on free vibration characteristics of fiber reinforeced polymer composite beams made of various fundamental shapes, Advanced Materials Research Vols. 1088 (2015) pp 401-406.

6.R Suresh, P Shruthi, RS Kumar, J Siva, MP Ananth, R Ramesh Experimental Investigation of Nano-Composite Coated Stainless Steel (316L), Surfaces under Unidirectional Sliding, Applied Mechanics and Materials 440, 37-41, 2014.

7.Prem Ananth M. and Ramesh R. Tribological Improvement of Titanium Alloy Surfaces Through Texturing and TiAlN Coating, Surface Engineering Maney Publications, Vol. 30, No. 10, pp. 758-762, 2014.

8.C. Senthamaraikannan, S.K.SharathKumar, Dr. R. Ramesh, Experimental Investigation on Modal Response of Woven fabric Carbon Composite plate reinforced with particles of micro rubber blended epoxy matrix under Free Vibration Condition, Advanced Materials Research Vols. 984-985 (2014) pp 273-279.

9.R.Murugan, R.Ramesh, K.Padmanabhan, Investigation on static and dynamic mechanical properties of epoxy based woven fabric glass/carbon hybrid composite laminates, Procedia engineering, 97 (2014) 459-468.

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11.M Prem Ananth, Dr R Ramesh, Influence of surface texture on tribological performance of AlCrN nanocomposite coated titanium alloy surfaces, Proceedings of the Institution of Mechanical Engineers, Part L: Journal of engineering tribology, 2013

12.R. Murugan, R. Ramesh, K. Padmanabhan, R. Jeyaraam, S. Krishna, Experimental Investigation on Static Mechanical Properties of Glass/Carbon Hybrid Woven Fabric Composite Laminates in Journal of Advanced Materials Research, Transtech Publicatons. 2013

13. M Prem Ananth, Dr R Ramesh, Analysis of sliding behaviour on non-conformal contacting surfaces under shear traction Procedia Engineering , Elsevier Publications, stand alone Volume, August-2012.

14.M Prem Ananth, Dr R Ramesh, Tribological Investigation of Nano Composite Coated Titanium Alloy Surfaces Under Unidirectional Sliding , published in, Advanced Materials Research Journal (ISSN: 1022-6680) as a special issue., Trans Tech Publication, stand alone Volume, September 2012.