

Dr. N. VENKATESHWARAN

LIST OF PUBLICATIONS

1. K. Vigneshwaran, N. Venkateshwaran & S. P. Srinivasan. Mechanical, thermal and vibration characteristics of Dosinia exoletidis dispersed polymer composites. International Journal of Polymer Analysis and Characterizations, 2018, 2018, VOL. 23, NO. 7, 646–656. **Impact Factor : 1.264**
2. Palanikumar Vimalanathan, Narayanan Venkateshwaran and Vajjiram Santhanam. Experimental Investigation Of Mechanical And Viscoelastic Properties Of Acacia Nilotica Filler Blended Polymer Composite (**Accepted**), Polymer Composite, 39(7), 2018, 2535-2546, Wiley Publication. **Impact Factor: 2.004**
3. G. Anand, N. Alagumurthi, K. Palanikumar, N. Venkateshwaran & R. Elansezhain. Influence of drilling process parameters on hybrid vinyl ester composite. Materials and Manufacturing Processes, 33(12), 2018, 1299-1305, **Impact Factor 1.888**
4. G. Anand, N. Alagumurthi, R. Elansezhian, K. Palanikumar and **N. Venkateshwaran** Investigation of drilling parameters on hybrid polymer composites using grey relational analysis, regression, fuzzy logic, and ANN models. Journal of the Brazilian Society of Mechanical Sciences and Engineering, April 2018, 40:214, **Impact Factor 1.235**
5. M. Saravanan, N. **Venkateshwaran**, A. Devaraju and a. Krishnakumari. Tribological behavior of thin nano tungsten carbide film deposited on 316l stainless steel surface. Surface Review and Letters, Vol: 25(8), 2018, **Impact Factor: 0.435.**
6. Vimalanathan P, **Venkateshwaran** N, Srinivasan, Santhanam Vand Rajesh M. Impact of Surface Adaptation and Acacia Nilotica Bio Filler on Static and Dynamic Properties of Sisal Fiber Composite. International Journal of Polymer Analysis and Characterisation. 23(2), 2018, 99-112. **Impact Factor : 1.264**
7. M. Saravanan, N. Venkateshwaran, A. Devaraju, A. Krishnakumari and J. Saarvesh. Surface modification of 316l stainless steel by plasma-assisted low temperature carburizing process. Surface Review and Letters, Vol. 24, No. 8 (2017) 1750116 -24. **Impact Factor: 0.435.**
8. G. Anand , N. Alagumurthi , R. Elansezhian and N. Venkateshwaran. Dynamic mechanical, thermal and wear analysis of Ni-P coated glass fiber/ Al_2O_3 nanowire reinforced vinyl ester composite. Alexandria Engineering Journal (2017). Elsevier Publications **Impact Factor: 0.43**
9. G. Anand, N. Alagumurthi, R. Elansezhian, and N. Venkateshwaran. Ni-P Coated Glass Fiber/ Al_2O_3 Nanowire Reinforced Vinyl Ester Composite: Investigation on the Mechanical and Thermal Properties. Polymer (Korea), Vol. 41, No. 3, pp. 1-10 (2017). **Impact Factor: 0.528.**
10. S. Arul Murugan and N. Venkateshwaran. Vibration Analysis of Nanoclay Filled Natural Fiber Composites. Polymer and Polymer Composite, Vol. 24, No. 7, 507-515, 2016. **Impact Factor: 0.271**

11. P.Vimalanathan, **N.Venkateshwaran** and V.Santhanam. Mechanical, Dynamic Mechanical and Thermal Analysis of Shorea Robusta Dispersed Polyester Composite. International Journal of Polymer Analysis and Characterisation, Vol 21(4), 314-326 (2016). **Impact Factor : 1.264**
12. A. Alavudeen , N. Rajini , S. Karthikeyan , M. Thiruchitrambalam and **N. Venkateshwaran.**” Mechanical properties of banana/kenaf fiber-reinforced hybrid polyester composites: Effect of woven fabric and random orientation. Materials and Design 66 (2015) 246–257. **Impact Factor 3.1**