

1. S. Arulmurugan and N. Venkateshwaran. Wear study of Jute fiber polymer composite - Influence of montmorillonite nanoparticles. Surface Review and Letters, (2020).
2. M Chandrasekaran, V Santhanam and N Venkateshwaran. Impeller design and CFD analysis of fluid flow in rotodynamic pumps. Materials Today: Proceedings, 1-2 (2020).
3. V Santhanam, R Dhanaraj, M Chandrasekaran, N Venkateshwaran and S Baskar. Experimental investigation on the mechanical properties of woven hybrid fiber reinforced epoxy composite. Materials Today: Proceedings, 1-2 (2020).
4. R Dhanaraj, N Venkateshwaran, M Chenthil, MS Natarajan, V Santhanam and S Baskar. Experimental investigation on the mechanical properties of glass fiber with perforated aluminum sheet reinforced epoxy composite. Materials Today: Proceedings, 1-2 (2020).
5. M S Heaven Dani and N Venkateshwaran. Role of Surface Functionalized Crystalline Nano-silica on Mechanical, Fatigue and Drop Load Impact Damage Behaviour of Effective Stacking Sequenced E-glass Fibre-reinforced Epoxy Resin Composite. Silicon, (2020).
6. Vasanthanathan A, Venkateshwaran N, Guru Charan Kambala and Rakesh Lali. On the response of Foam filled hat-stiffened CFRP shells under axial compression: experiments and FE modelling. Materials Research Express, Vol 6 (12), 314-326 (2020).
7. S. Arulmurugan and N. Venkateshwaran. The effect of fiber reinforcement on Fracture toughness assessment of nanoclay filled polymer composites. Surface Review and Letters, Vol 26(9), (2019).
8. K. Vigneshwaran and N. Venkateshwaran. Statistical analysis of mechanical properties of wood-PLA composites prepared via additive manufacturing. International Journal of Polymer Analysis and Characterization, Vol 24 (7), 584-596 (2019).
9. S Senthilrajan and N Venkateshwaran. Ageing and Its Influence on Vibration Characteristics of Jute/Polyester Composites. Journal of Polymers and the Environment, Vol 27 (10), 2144-2155 (2019).
10. S. Arulmurugan and N. Venkateshwaran. Effect of nanoclay addition and chemical treatment on static and dynamic mechanical analysis of jute fibre composites. Polímeros, Vol 29 (4) (2019).
11. N Venkateshwaran, V Santhanam and A Alavudeen. Feasibility study of fly ash as filler in banana fiber-reinforced hybrid composites. Processing of Green Composites, 31-47 (2019).
12. 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).
13. K. Vigneshwaran, N. Venkateshwaran & S. P. Srinivasan. Mechanical, thermal and vibration characteristics of *Dosinia exoleta* dispersed polymer composites.

International Journal of Polymer Analysis and Characterizations, 2018, 2018, VOL. 23, NO. 7, 646–656.

14. 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.
15. G. Anand, N. Alagumurthi, R. Elansezhian and N. Venkateshwaran. Dynamic mechanical, thermal and wear analysis of Ni-P coated glass fiber/ $\text{Al}_2\text{O}_3$  nanowire reinforced vinyl ester composite. *Alexandria Engineering Journal* (2017). Elsevier Publications
16. 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.
17. Vimalanathan P, Venkateshwaran N, Srinivasan, Santhanam V and 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.
18. 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.
19. G. Anand, N. Alagumurthi, R. Elansezhian, and N. Venkateshwaran. Ni-P Coated Glass Fiber/ $\text{Al}_2\text{O}_3$  Nanowire Reinforced Vinyl Ester Composite: Investigation on the Mechanical and Thermal Properties. *Polymer (Korea)*, Vol. 41, No. 3, pp. 1-10 (2017).
20. S. ArulMurugan and N. Venkateshwaran. Vibration Analysis of Nanoclay Filled Natural Fiber Composites. *Polymer and Polymer Composite*, Vol. 24, No. 7, 507-515, 2016.
21. 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).