

Past three years (2016-2019)

1. 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**
2. S.ArulMurugan 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**
3. G. Anand, N. Alagumurthi, R. Elansezhian, and N. Venkateshwaran. Ni-P Coated Glass Fiber/Al₂O₃ 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.**
4. G. Anand , N. Alagumurthi , R. Elansezhian and N. Venkateshwaran. Dynamic mechanical, thermal and wear analysis of Ni-P coated glass fiber/Al₂O₃ nanowire reinforced vinyl ester composite. Alexandria Engineering Journal (2017).Elsevier Publications **Impact Factor:0.43**
5. 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.**
6. 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. **Impact Factor : 1.264**
7. 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.**
8. 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**
9. 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**
10. PalanikumarVimalanathan, NarayananVenkateshwaran 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**

11. 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. **Impact Factor : 1.264**

Book Chapters

1. Narayanan **Venkateshwaran** and Sambandamoorthy Senthilrajan. Viscoelastic and Vibration Characteristics of Biocomposites: A Review. Biocomposites Properties, performance and application, 221-238, Nova Publishers, New York, 2017.
2. **Narayanan Venkateshwaran**, Aziz Alavudeen and [Vajjiram Santhanam](#). Tribological Characterization of Jute/Glass Hybrid Composites, Synthesis and Tribological Applications of Hybrid Materials ,2018, Wiley-VCH Verlag GmbH & Co. KGaA
3. **Venkateshwaran N**, Santhanam V, Alavudeen A. Feasibility Study of Fly Ash as Filler in Banana Fibre Reinforced Hybrid Composites. Processing of Green Composites pp 31-47. 2019, Springer Publication.

RESEARCH SCHOLAR DETAILS


S.NO	REGNO	NAME	RESEARCH AREA	STATUS
1	1413299240	SARAVANAN M	Surface Engineering and Tribological studies of Austenitic stainless steel	Viva Completed
2	1414299186	Heaven Dani M S	Composite Repair	Confirmation completed
3	1414299201	Hanish Anand S	Mechanical and wear behavior of Metal Matrix composite	Confirmation completed
4	1414299742	Arulmurugan S	Mechanical characterization of nano composite	Confirmation completed
5	1414299842	Vimalanathan P(Full Time)	Mechanical characterization of bio composite	Thesis Submitted
6	1513299174	Senthilrajan S	Vibration behavior of polymer composite	Confirmation completed
7	17142991192	Santhanakrishnan M	Machining studies of polymer composite	Course Work
8	18152991272	Anand N(Full Time)	Additive Manufacturing	Course Work

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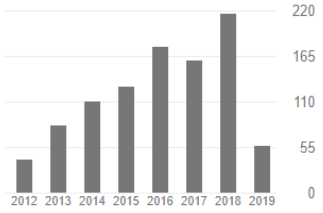
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TITLE	CITED BY	YEAR
Mechanical and water absorption behaviour of banana/sisal reinforced hybrid composites N Venkateshwaran, A ElayaPerumal, A Alavudeen, M Thiruchitrabalam Materials & Design 32 (7), 4017-4021	206	2011
Prediction of tensile properties of hybrid-natural fiber composites N Venkateshwaran, A Elayaperumal, GK Sathiya Composites Part B: Engineering 43 (2), 793-796	180	2012
Banana fiber reinforced polymer composites-a review N Venkateshwaran, A Elayaperumal Journal of Reinforced Plastics and Composites 29 (15), 2387-2396	125	2010
Improving mechanical properties of banana/kenaf polyester hybrid composites using sodium lauryl sulfate treatment M Thiruchitrabalam, A Alavudeen, A Athijayamani, N Venkateshwaran, ... Mater Phys Mech 8 (2), 165-173	100	2009
Fiber surface treatment and its effect on mechanical and visco-elastic behaviour of banana/epoxy composite N Venkateshwaran, AE Perumal, D Arunsundaranayagam	96	2013

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