

Panel members from other University		
S.No	Name with full address	Area of specialization
1.	Name : Dr.R.Vinayagamoorthy Designation : Assistant Professor Grade - III Department : Mechanical Engineering Address : Sri Chandrasekara Saraswathi Vishwa Maha Vidyalaya, Kanchipuram - 631561 Mobile : 7904898935 Email : vin802002@gmail.com .	Natural fibers/Resins Composites

List of publications for last 5 years	
1.	Venkatkoteswararao G, Vinayagamoorthy R. Review on Thermal analysis of Polymer Matrix Composites. InIOP Conference Series: Materials Science and Engineering 2020 Oct 1 (Vol. 954, No. 1, p. 012037). IOP Publishing.
2.	Vinayagamoorthy R, Subrahmanyam KS, Murthy KM, Prajwar KA, Gopinath P, Lahari MS, Rangan KP. Influence of nanoparticles on the characters of polymeric composites. InIOP Conference Series: Materials Science and Engineering 2020 Oct 1 (Vol. 954, No. 1, p. 012026). IOP Publishing.
3.	Rao GV, Vinayagamoorthy R, Abinеш K, Sudharsan M, Ponneganathan S, Kumar LD. Influence of Chemical Treatment on Natural Fibers: A Review. Advances in Materials and Manufacturing Engineering.:533-8.
4.	Vinayagamoorthy R, Kumar S, Kumar S, Sharan MS, Afzal GM, Rajamurugan TV. Trends on the Abrasive Flow and Electric Discharge Machining of Polymer Matrix Composites. InAdvances in Materials and Manufacturing Engineering (pp. 43-53). Springer, Singapore.
5.	Vinayagamoorthy R. Influence of fibre pretreatments on characteristics of green fabric materials. Polymers and Polymer Composites. 2020;0967391120943461.
6.	Vinayagamoorthy R. 1 Mechanical performance of glass-and biofibre-reinforced hybrid composites. Glass Fibre-Reinforced Polymer Composites: Materials, Manufacturing and Engineering. 2020 May 5;12.
7.	Vinayagamoorthy R. Effect of particle sizes on the mechanical behaviour of limestone-reinforced hybrid plastics. Polymers and Polymer Composites. 2020 Jul;28(6):410-20.
8.	Vinayagamoorthy R. Trends and challenges on the development of hybridized natural fiber composites. Journal of Natural Fibers. 2019 Apr 9.
9.	Vinayagamoorthy R, Venkatkoteswararao G. Synthesis and property analysis of green resin-based composites. Journal of Thermoplastic Composite Materials. 2020 Oct;33(10):1429-45.
10.	Vinayagamoorthy R, Koteswar TN, Madhav VV, Sai TK, Konda V. Drilling associated parametric investigations on chemically treated natural fiber composite. Materials Today: Proceedings. 2019 Jan 1;16:277-83.
11.	Vinayagamoorthy R, Konda V, Tonge P, Koteswar TN, Premkumar M. Surface roughness analysis and optimization during drilling on chemically treated natural fiber composite. Materials Today: Proceedings. 2019 Jan 1;16:567-73.
12.	Vinayagamoorthy R. Friction and wear characteristics of fibre-reinforced plastic composites. Journal of Thermoplastic Composite Materials. 2020 Jun;33(6):828-50.
13.	Rajmohan T, Vinayagamoorthy R, Mohan K. Review on effect machining parameters on performance of natural fibre-reinforced composites (NFRCs). Journal of Thermoplastic Composite Materials. 2019 Sep;32(9):1282-302.

14.	Vinayagamoorthy R, Sharma A, Iyer V, Navneeth G. Investigation of surface damages in hole making on luffa/jute/glass reinforced plastics. In <i>Advances in Manufacturing Processes 2019</i> (pp. 521-532). Springer, Singapore.
15.	Vinayagamoorthy R, Manoj IV, Kumar GN, Chand IS, Kumar GS, Kumar KS. Challenges on the synthesis, characterization and machining of green fiber plastics: A review. In <i>IOP Conference Series: Materials Science and Engineering 2018 Jul</i> (Vol. 390, p. 012029).
16.	Vinayagamoorthy R, Rajmohan T. Machining and its challenges on bio-fibre reinforced plastics: A critical review. <i>Journal of Reinforced Plastics and Composites</i> . 2018 Aug;37(16):1037-50.
17.	Vinayagamoorthy R, Manoj IV, Kumar GN, Chand IS, Kumar GS, Kumar KS. A central composite design based fuzzy logic for optimization of drilling parameters on natural fiber reinforced composite. <i>Journal of Mechanical Science and Technology</i> . 2018 May 1;32(5):2011-20.
18.	Vinayagamoorthy R. Influence of fiber surface modifications on the mechanical behavior of <i>Vetiveria zizanioides</i> reinforced polymer composites. <i>Journal of Natural Fibers</i> . 2019 Feb 17;16(2):163-74.
19.	Vinayagamoorthy R. A review on the machining of fiber-reinforced polymeric laminates. <i>Journal of Reinforced Plastics and Composites</i> . 2018 Jan;37(1):49-59.
20.	Vinayagamoorthy R. A review on the polymeric laminates reinforced with natural fibers. <i>Journal of Reinforced Plastics and Composites</i> . 2017 Nov;36(21):1577-89.
21.	Ambiga K, Annadurai R, Vinayagamoorthy R. Nitrate and Chromium Contamination in Groundwater from Effluent of Tanneries and Drastic Vulnerability Index Map—A Case Study of Ranipet area, Vellore District, Tamilnadu. <i>Indian Journal of Science and Technology</i> . 2016 Oct;9:40.
22.	Vinayagamoorthy R, Saswath Kaundinya SL, Mani Teja GL, Adithya K. A study on the properties of natural sandwich laminates. <i>Indian J Sci Technol</i> . 2016 Oct;9:1-6.
23.	Vinayagamoorthy R. Parametric optimization studies on drilling of sandwich composites using the Box–Behnken design. <i>Materials and Manufacturing Processes</i> . 2017 Apr 26;32(6):645-53.
24.	Vinayagamoorthy R, Subramanyam KG, Kumar TN, Reddy YH. Modeling and analysis of drilling induced damages on hybrid composites. <i>Indian Journal of Science and Technology</i> . 2016 Apr;9(16):1-0.