

List of Publication: Dr.S.Jayabal

1. Ramesh G, Subramanian K, Sathiyamurthy S, Jayabal S. Study on influence of fiber length and fiber weight proportion in mechanical behavior of Calotropis gigantea fiber-epoxy composites. Journal of Polymer Composites. Aug 17, 2020 .
2. N.S. Balaji, S. Chockalingam, S. Ashokraj, D. Simson, S. Jayabal, Study of mechanical and thermal behaviours of zein-coir hybrid polyester composites, Materials Today: Proceedings, DOI:10.1016/j.matpr.2019.09.056, 2019.
3. Krishnan T, Jayabal S, and Krishna VN, Tensile, flexural, impact, and hardness properties of alkaline-treated Sunnhemp fiber reinforced polyester composites, Journal of Natural Fibers, Taylor & Francis: 17 (3), 326-336, 2018.
4. Roseline, S., Paramasivam, V., Jayabal, S. Evaluation of structure and mechanical properties of zirconia reinforced aluminium matrix composites, Journal of Computational and Theoretical Nanoscience, 15(3), 830-838, 2018.
5. K. Ramadoss, R. Elansezhian, S. Jayabal, Optimization of controlling factors on tool wear when coolant mixed with additives on turning of Mg-Y alloy, International Journal of Engineering and Advanced Technology (IJEAT), 7 (6), 21-25, 2018.
6. S.Kalyana Sundaram, S.Jayabal, N.S.Balaji and G.Bharathiraja, Study of chemical and mechanical properties of Dharbai fiber reinforced polyester composites, Journal of Advanced Composite Materials, 27(1), 107-117, 2018.
7. Daniel Lawrence, I, Jayabal S and Thirumal P, Indoor air quality investigations in hospital patient room, International Journal of Biomedical Engineering and Technology, 27 (1)000, 124-138, 2018.
8. Sankar, B. V, Lawrence, I. D, & Jayabal, S. Experimental Study and Analysis of Weld Parameters by GRA on MIG Welding. Journal of Materials Today: Proceedings, 5(6), 14309-14316, 2018.
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12. Valar Jothi P , Jayabal S , Kishore Kumar J and Sathiyamurthy S, Experimental investigation on mechanical and thermal characteristics of fiber-polymer composites, Journal of Manufacturing Engineering, 13 (3), 152-157, 2018.
13. Elumalai P, Sivagami S.M and Jayabal S, Mechanical Properties of Natural Fiber Reinforced Polymer Composites: An Overview, Journal of Manufacturing Engineering, 13 (2), 101-105, 2018.
14. Vignesh V and Jayabal S, Optimization of Axial Load Characteristics of Ramie – Epoxy Composites Using Response Surface Methodology, Journal of Manufacturing Engineering, 13 (2), 088-094, 2018.
15. S. Ananthakumar, S. Jayabal & P. Thirumal, Investigation on performance, emission and combustion characteristics of variable, compression engine fuelled with diesel, waste plastics oil blends, Journal of the Brazilian Society of Mechanical Sciences and Engineering, 39 (1), 19-28, 2017.
16. R.Hemachandran, M.Pugazhvadivu and S.Jayabal, Development of Electroless Ni-P Coatings on Sisal Fiber, Journal of Fibers and Textiles in Eastern Europe, 25, 32-35, 2017.
17. Pradeep, P, Kumar, P.S.S.R, Daniel, L.I, Jayabal, S, Characterization of Particulate reinforced Aluminium 7075 / Tib2 Composites, International Journal of Civil Engineering and Technology (IJCET), 8 (9), 178–190, 2017.
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20. N.S.Balaji S.Jayabal and S.KalayanaSundaram, Study on Mechanical Properties of Corn-Cellulose Fibers Reinforced Polyester Composites, *Journal of Macromolecular Symposia*, 361 (1), 42-46, 2016.
21. R.Ramprasath, S.Jayabal, S.KalyanaSundaram, G.Bharathiraja, Yashwant S. Munde, Investigation on Impact Behavior of Rice Husk Impregnated Coirvinyl Ester Composites, *Journal of Macromolecular Symposia*, 361 (1), 123-128, 2016.
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