

Dr.M.SAKTHIVEL

LIST OF PUBLICATIONS

1. S Vijayakumar, V Parthiban, M Sakthivel. 'Performance analysis of untreated tungsten carbide tool and cryogenically treated with oil quenched tungsten carbide tool while turning of Inconel 713C' International Journal of Rapid Manufacturing, Vol.09(04), 341-360,2020
2. D Vivekanandan, M Sakthivel. 'Fabrication and characterization of TiO₂ particulate filled agave Americana fiber-reinforced polyester resin composites' Pigment & Resin Technology, 2019.
3. M Sakthivel, M Janarthanan, P Raja. 'Mechanical properties degradation and flue gas analysis of basalt and glass fiber-reinforced recycled polypropylene' Materials Testing 61(6), 579-583, 2019.
4. V Parthiban, S Vijayakumar, M Sakthivel. 'Optimization of high-speed turning parameters for Inconel 713C based on Taguchi grey relational analysis' Transactions of the Canadian Society for Mechanical Engineering 43(3), 416-430, 2019.
5. M Sakthivel, K Srinivasan, AGG Kumar. 'Wear behavior of sansevieria cylindrical and E-glass reinforced polyester composites' Materials Testing 61(3), 239-242, 2019
6. P Raja, R Malayalamurthim, M Sakthivel. 'Experimental investigation of cryogenically treated HSS tool in turning on AISI1045 using fuzzy logic-Taguchi approach' Bulletin of the Polish Academy of Sciences:Technical Sciences, 687-696,2019.
7. Sakthivel, M , Vijayakumar, S, & B. VijayaRamnath 'Investigation on Mechanical and Thermal Properties of Stainless Steel Wire Mesh-Glass Fibre Reinforced Polymer Composite' Journal of Silicon, Vol. 10, no. 6, 2018 (Springer Publication, SCI journal and Web of Science).
8. Sakthivel, M, Vijayakumar, S & Jenarthanan, M.P. 'Grey-Fuzzy logic to optimise process parameters in Drilling of Glass Fibre Reinforced Stainless Steel Mesh Polymer Composite, Pigment and resin Technology. Vol.46, no.4, 2017(Emerald- SCI journal and Web of Science).
9. Sakthivel, M&Vijayakumar, S, 'Influence of stainless steel mesh layer on mechanical behaviour in glass fiber reinforced epoxy composite, Materials in Technology,Vol.51, no.3, 2017, pp. 455-461. (IMT Publication SCI journal and Web of Science)
10. Sakthivel, M&Vijayakumar, S 2016, 'Optimisation of process parameters in drilling of fibre metal mesh laminate composites using grey relational analysis', Materials Testing, vol. 58, no. 7-8,pp. 622-631.(Carl Hanser Verlag- SCI journal and Web of Science)

11. A.G. Ganeshkumar, Dr. G. Ranganath, S. Shylin H Jose, M. Sakthivel And B. Pounraj Experimentation of E-Glass fiber and flyash reinforced with recycled E-waste Aluminium alloy hybrid metal matrix composites, International Journal of Advanced Engineering Technology, Vol.7, 2016, pp.410-412.
12. Sakthivel, M & Vijayakumar, S 2016, 'Thermal Stability and Degradation Behavior of Fibre Metal Mesh Laminate Composites by Thermo Gravimetric Analysis', Revista Technical Journal of the Faculty of Engineering, vol. 39, no. 1, pp. 201-206.
13. Sakthivel, M, Vijayakumar, S & Prasad, K 2015, 'Drilling Analysis on Basalt/Sisal Reinforced Polymer Composites Using ANOVA and Regression Model', Applied Mathematical Sciences, vol.9, no.66, pp. 3285-3290. (SCI journal)
14. A.G. Ganesh Kumar, G. Ranganath, S.N. Mani Varmaa, S. Shylin H. Jose and M. Sakthivel, Design and Fabrication of Riot Shield from E-Waste Printed Circuit Board, Applied Mechanics and Materials, Vol.787, 2015, pp.18-21.