Dr.T. RAJASEKARAN

LIST OF PUBLICATIONS

1. R SaravanaKumar, **T Rajasekaran**, Sahil Deep Singh, Sameer Kumar, Prakar Mishra, Priyanshushrivastav, Shashank ravishankar, Optimization of FSW Parameters to Improve the Mechanical and Metallurgical Properties of Aluminium Alloy AA 5083 Joints, Materials Science and Engineering 912 (2020) 032029

2. SaravanaKumar, **T Rajasekaran** Varun G Prasad, Prediction of Optimum Welding parameters for Friction stir welding of Aluminium Alloy AA5083 Using Response Surface Method, Materials Science and Engineering 912 (2020) 032030

3. R SaravanaKumar, **T Rajasekaran**, S Sivasubramanian, Dhruv Garg, Debasis Gouda, Ritwik Tiwari Akashendra Singh, Characteristic Study of Friction Stir Welding of Aluminium Alloy AA7075 Using H13 Surface Hardened Tool Steel with Variable Tool Pin Design, Materials Science and Engineering 912 (2020) 032033

4. Mouriya Srinivasan, SaravanaKumar R, **T. Rajasekaran**, Comparative study of tungsten inert gas and friction stir welding of aluminium alloy aa5083 (armour grade) aluminium alloy joints, Materials Science and Engineering 912 (2020) 032026

5. S Dinesh, **T Rajasekaran**, M Dhanasekaran, K Vigneshwaran, Experimental testing on mechanical properties of sandwich structured carbon fibers reinforced composites, Materials Science and Engineering 402 (2018) 012180

6. K Gokul, **T Rajasekaran**, Cutting force analysis on drilling parameters of sugarcane fibre reinforced polymer composite, Materials Science and Engineering 402 (2018)

7. R Saravanakumar, K Krishna, **T Rajasekaran**, S Siranjeevi, Investigations on friction stir welding of AA5083-H32 marine grade aluminium alloy by the effect of varying the process parameters, Materials Science and Engineering 402 (2018) 012187

8. N Sudharsan, **T Rajasekaran**, G S Vinod-Kumar, Optimizing the hot compaction parameters of Al-Mg-Cu foams processed through elemental powder route, Materials Science and Engineering 402 (2018) 012202

9. S Vigneshkumar, **T Rajasekaran** Experimental analysis on tribological behavior of fiber reinforced composites, Materials Science and Engineering 402 (2018) 012198

10. M Vishnu Prabhakar **T Rajasekaran**, Machinability and flammability properties of sisal fiber reinforced polymer composites, Materials Science and Engineering 402 (2018) 012035

11. K. Gokul, T. Ramprabhu, **T. Rajasekaran**, Processing and evaluation of mechanical properties of sugarcane fiber reinforced natural fiber composites, Transactions of Indian Institute of Metals (accepted for publication).

12. **T. Rajasekaran,** K. Gokul, Evaluation of mechanical characteristics of treated and untreated sugarcane fiber composites Journal of Chemical and Pharmaceutical Sciences, 9 (1), 2016, 652-656.

13. **T. Rajasekaran,** K. Rajavikraman, Examination of mechanical properties of drumstick based composites: a sustainable approach, Journal of Chemical and Pharmaceutical Sciences, 2016 9 (1), 642 -645.

14. **T. Rajasekaran,** A. Aravindakumar, Experimental study on the characteristics of surface treated luffa fiber composites, Journal of Chemical and Pharmaceutical Sciences, 2016 9 (1), 646-651.

15. **T. Rajasekaran,** S. Vigneshkumar, Comparative study on the mechanical testing of fiber reinforced polymer composites, Journal of Chemical and Pharmaceutical Sciences, 2016, 9(1), 657-660.

16. J. Santhakumar, **T. Rajasekaran** and Einstein Johnson, Investigation on the Effect of Tool Coating Thickness in Pocket Milling using Austenite SS316, Indian Journal of Science and Technology, Vol 9(29), DOI: 10.17485/ijst/2016/v9i29/94021, August 2016.

17. **T. Rajasekaran,** R. Karthikeyan 2, B.K.Vinayagam, Production Streamlining of Manual Steering Gear Assembly Through Lean Manufacturing, International Journal of Applied Engineering Research, Vol. 10 (33) (2015).