

Dr. Mahalingam College of Engineering and Technology (Autonomous)

Academic Year 2021-2022

S.No.	Author's Name	Journal Title	Journal Name	Volume No. and Page No.	Year	Impact Factor
1.	D Shanmugam RamaThirumurugan M.Thiruchitrabalam B.Maheshkumar	Experimental characterization of surface modified Palmyra Palm Leaf Stalk Fiber (PPLSF)/polymer composites–Mechanical, Crystallinity and Acoustic properties	Journal of Natural Fibers	01-19	2021	3.507
2.	Rama Thirumurugan M Jayaraj D Shanmugam, T Ramkumar	Characterization of New Natural Cellulosic Fiber from Coconut Tree Primary Flower Leaf Stalk Fiber (CPFLSF)	Journal of Natural Fibers	18(11), 1844-1856	2021	3.507
3.	Ramathirumurugan Jayaraj Shanmugam D Shanmugasundaram Natarajan	Investigation of static and dynamic mechanical properties of short palmyra palm leaf stalk fiber (PPLSF) reinforced polymer composites	Journal of Natural Fibers	19(5), 1908-1924	2021	4.626
4.	S Ayyappan M.Selvakumar Muthukannan, Karunaraja T RamKumar	Energy and exergy analyses of coconut drying in a solar tunnel drier	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	235(8), 1490-1498	2021	1.606
5.	Ramkumar.Thulasiram Selvakumar Narayanan Ramaswamy	Grain size refinement, texture analysis and effect on the tensile properties of a novel Inconel 718	Materials Letters	292, 129633	2021	3.426
6.	Ramkumar Thulasiram Selvakumar .M Narayanan Ramaswamy Mohanraj Murugesan	Wetting phase transition of grain boundaries and material performance of novel Inconel 718	Materials Letters	235(4), 1248-1252	2021	3.426
7.	T Ramkumar M Selvakumar M.Mohanraj Senthilkumar	Effect of deposition thickness on microstructure and thermal behaviour of ZnO-Mg coated AISI 4140 for automotive applications	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	145(5), 2335-2342	2021	1.606

	Narayanasamy					
8.	P.Narayanasamy M.Selvakumar T.Ramkumar M. Mohanraj G.Pitchayya Pillai	Characterization of mechanical, electrical and thermal properties of Ag nanoparticle-reinforced Al6061 alloy	Journal of Thermal Analysis and Calorimetry	235(6), 2180-2188	2021	4.626
9.	V Vignesh Kumar K Raja T Ramkumar M Selvakumar TS Senthil Kumar	Studies on mechanical property and wear behaviour of AA7075 hybrid composites prepared by a conventional casting method	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	235(6), 2240-2253	2021	1.606
10.	TS Senthilkumar R Muralikannan T Ramkumar S Senthil Kumar	Studies of kerf width and surface roughness using the response surface methodology in AA 4032–TiC composites	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	235(6), 2240-2253.	2021	1.606
11.	T A Haiter Lenin MSelva Kumar M Mohanraj S Christopher Ezhil Singh M Muruganandam	Influence of rotation speeds on microstructure and mechanical properties of welded joints of friction stir welded AA2014-T6/AA6061-T6 alloys	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	235(4), 1248-1252	2022	1.606