

Dr. Mahalingam College of Engineering and Technology (Autonomous)

Academic Year 2022-2023

S.No.	Author's Name	Journal Title	Journal Name	Volume & Issue No	Page No	Year	Impact Factor
1.	Rama Thirumurugan D. Shanmugam , M. Thiruchitrambalam , C. Latha , B Maheshkumar	Experimental investigation on the mechanical, thermal and acoustic characteristics of cellulose/synthetic fiber/nano clay hybrid composites: Influence of treatment, moisture and layering pattern	Composites Part A: Applied Science and Manufacturing	168	107497	2022-2023	8.7
2.	T. Ramkumar P Balasundar , S Senthil , P Narayanasamy	Mechanical, thermal, electrical, and corrosion properties of microwave-sintered Ti-0.8 Ni-0.3 Mo/TiB composites	Physica Scripta	98 & 6	65954	2022-2023	3.081
3.	T. Ramkumar K. Pratheesh , P. Narayanasamy , R. Prithivirajan , P. Balasundar , S. Indran , M.R. Sanjay & Suchart Siengchin	Cenosphere filled epoxy composites: structural, mechanical, and dynamic mechanical studies	Biomass Conversion and Biorefinery	00	01 to 08	2022-2023	4.05
4.	S. V. Gurupranes I. Rajendran S. Gokulkumar M. Aravindh S. Sathish Md. Elias Uddin	Preparation, Characteristics, and Application of Biopolymer Materials Reinforced with Lignocellulosic Fibres	international journal of polymer science	00	1 to 18	2022-2023	2.973
5.	, T. Ramkumar P. Balasundar , S. Senthil , P. Narayanasamy	Microstructure and tribological properties of microwave-sintered Ti0.8Ni-0.3Mo/TiB composites	Ceramics International	49 & 4	6055-6062.	2022-2023	5.532
6.	M.Jayaraj , rama Thirumurugan ,D.Shanmugam and	Investigation of Static and Dynamic Mechanical Properties of Coconut Tree Primary Flower Leaf Stalk	Journal of Natural Fibers	20 & 1	2166645	2022-2023	3.507

	N.Gnanasekar	Fiber Reinforced Polymer Composites					
7.	T. Ramkumar P. Muthusamy , M. Mohanraj , M. Selvakumar	Effect of microwave sintering on the microstructure and tribological behavior of Ti-3Al-2.5 V-xWC composite	Tribology International	174	107714	2022-2023	5.62
8.	M. Jayaraj , Rama Thirumurugan D. Shanmugam	Investigation of static and dynamic mechanical properties of CPFLSF and PPLSF reinforced polyester hybrid composites	Biomass Conversion and Biorefinery	00	1 to 11	2022-2023	4.05
9.	Ramkumar, T., Hariharan, K , & Jayaraj, M. Selvakumar, M	Effect of Various Surface Modifications on Characterization of New Natural Cellulosic Fiber from Coconut Tree Secondary Flower Leaf Stalk Fiber (CSF)	Journal of Natural Fibers	19 & 16	13362-13375.	2022-2023	3.507
10.	Ramkumar., Jayaraj Mahalingam , Selvakumar, M.	Evaluation on properties of composite materials containing Caryota fiber (CF) for wall roof applications	Biomass Conversion and Biorefinery	00	01 to 13	2022-2023	4.05
11.	Rama Thirumurugan, Shanmugam, D.,M. Thiruchitrabalam , and B. Maheshkumar	Experimental characterization of surface modified Palmyra Palm Leaf Stalk Fiber (PPLSF)/polymer composites–Mechanical, Crystallinity and Acoustic properties	Journal of Natural Fibers	19 & 14	7778-7796.	2022-2023	3.507
12.	Gurupranes SV , Rajendran I , Shanmuga Sundaram N	Suitability assessment of raw-alkalized Ziziphus nummularia bark fibers and its polymeric composites for lightweight applications	Polymer Composites	43 & 8	5059-5075.	2022-2023	3.171