

VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY, MADURAI (Autonomous)

DEPARTMENT OF MECHANICAL ENGINEERING

TOP RANKED FACULTY PUBLICATION DETAILS (2022 and 2023)

SI.NO	Name of the faculty	Journal	Journal / Conference Name	Indexed in Scopus/WoS	Impact factor
CALENDER YEAR 2022					
1	Vivek Prabhu M	An experimental insight of friction stir welding of dissimilar AA 6061/Mg AZ 31 B joints	Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture	Scopus	2.6
2	Vivek Prabhu M	Investigating the parametric effects on wire electric discharge machining performance in processing AA1050-5 wt.% SiC composite with zinc-coated brass wire	Journal of the Brazilian Society of Mechanical Sciences and Engineering	Scopus	2.2
3	Amuthan T	Processing and Characterisation of Epoxy–SiC Functionally Graded Polymer Matrix Composites	Journal of Inorganic and Organometallic Polymers and Materials	Scopus	3.5
4	Kamatchi T	Impact of High-Performance Work Practices on Efficiency and Effectiveness of Multispecialty Healthcare Service Delivery in an Emerging Economy - Role of Relational Coordination	IEEE Transactions on Engineering Management	Scopus	5.8
5	Kamatchi T	Numerical analysis of hybrid nanofluids in rectangular duct for thermal enhancement integrated with polygonal rib	Materials Today: Proceedings	Scopus	2.59
6	Maran M	Experimental analysis on Feed force reduction performance by Nanofluid of Graphene Nano platelets enriched Waste Coconut Oil in wet Machining of SAE 1045 Steel Shaft	Materials Today: Proceedings	Scopus	2.59
CALENDER YEAR 2023					
1	Karthick Rasu	Effect of red mud on mechanical and thermal properties of agave sisalana/glass fiber–reinforced hybrid composites	Materials Testing 2023; WALTER DE GRUYTER GMBH.	Scopus	2.528
2	Anbumalar Veerabathiran	Influence of glass fiber hybridization on flexural and water absorption behaviour of banana fiber reinforced epoxy composites	Materials Today: Proceedings	Scopus	0.445
3	B. Varun Kumar	Numerical investigation of heat transfer enhancement in solar air heaters using polygonal-shaped ribs and grooves	Frontiers in Energy Research	Scopus	2.9
4	Raja Chandra Sekar Mariapan	Intelligent VSM Model: a way to adopt Industry 4.0 technologies in manufacturing industry	The International Journal of Advanced Manufacturing Technology	Scopus	3.4
5	Manikandan G	Review of Waste Cooking Oil (WCO) as a Feedstock for Biofuel—Indian Perspective	Energies	Scopus	3.2