



MARRI LAXMAN REDDY INSTITUTE OF TECHNOLOGY AND MANAGEMENT

(AN AUTONOMOUS INSTITUTION)

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Department of Mechanical Engineering

Faculty Paper Publications A.Y:2022-23

S. No	Name of The Author	Title	Journal Name	ISSN No.	SCI/ SCOPUS	Quartile index
List of Publications in Journal						
1	Dr.D . Venkateswarlu	A study in analysing key factors in adopting artificial intelligence in revamping supply chain systems in aqua field	Survey in fisheries Sciences	2368-7487	SCOPUS	-
2	Dr.S.P. Jani	Evaluation of mechanical properties of ABS-based fiber composite with infill using 3D printing technology	Materials Physics and Mechanics	1605-8119	SCI	Q4
3	Dr.S.P. Jani	Development of hybrid composite with natural fillers for mechanical property and machinability study	P+B17:B25rogress in Rubber, Plastics and Recycling Technology	1478-2413	SCI	Q2
4	Dr.S.P. Jani	Tribology analysis and the effect of molybdenum disulphide lubricant additive on the performance of VCR system	Advances in Materials and Processing Technologies	2214-7853	SCI	Q2
5	Dr.S.P. Jani	Influence of synthesized (green) cerium oxide nanoparticle with neem (Azadirachta indica) oil biofuel	Bulletin of the Chemical Society of Ethiopia	1726-801X	SCI	Q3
6	Dr.S.P. Jani	A polymer resin matrix modified by coconut filler and its effect on structural behavior of glass fiber-reinforced polymer composites	Iranian Polymer Journal	1735-5265	SCI	Q2



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7	Mr.U.Sudhakar	Development and assessment on hemp-carbon-basalt fibre base hybrid composite with organic fillers for structural applications	International journal of polymer analysis and characterization	1023666X	SCI	Q2
8	Mr.U.Sudhakar	Influence of synthesized (green) cerium oxide nanoparticle with neem (Azadirachta indica) oil biofuel	Bulletin of the Chemical Society of Ethiopia	1726-801X	SCI	Q3
9	Mr.U.Sudhakar	Evaluation of mechanical properties of ABS-based fiber composite with infill using 3D printing technology	Materials Physics and Mechanics	1605-8119	SCOPUS	-
10	Mr.U.Sudhakar	Chapter 15 - Transient thermal analysis in friction-stir additive manufacturing of dissimilar wrought aluminum alloys	Advances in Additive Manufacturing	2504-4494	SCOPUS	-
11	Dr.Venkateswara Reddy	Effect of post-process and in-process cooling on wide-area stir zone processed via friction stir processing with pin overlapping	Engineering Research Express	2631-8695	ESCI	Q2
12	Mr.K.V.Raghavulu	Tribology analysis and the effect of molybdenum disulphide lubricant additive on the performance of VCR system	Advances in Materials and Processing Technologies	2214-7853	ESCI	Q2
13	Mrs.K.sravanthi	Evaluation of mechanical properties of ABS-based fiber composite with infill using 3D printing technology	Materials Physics and Mechanics.	1605-8119	SCOPUS	-



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Paper Published in A.Y:2022-23

S. No	Name of The Author	Title	Journal Name	ISSN No.	SCI/ SCOPUS	Year Of Publication
1	Dr. D. Venkateswarlu	Optimization of welding parameters for the joint interface of rotary friction	AIP conference Proceedings	1551-7616	SCOPUS	2022-23
2	Dr.S.P. Jani	Mechanical Property Analysis of Surface Modified Natural Fiber/Filler Hybrid Composite	Advances in Materials Research : 2.0	2214-7853	SCOPUS	2022-23
3	Dr.S.P. Jani	Effect of Natural Filler on Natural Fibre Hybrid Compositi	Materials Today: Proceedings	2214-7853	SCOPUS	2022-23
4	Dr.S.P. Jani	Experimental study of sand cast Al/SiC metal matrix composites	Materials Today: Proceedings	2214-7853	SCOPUS	2022-23
5	Dr.S.P. Jani	Finite element analysis on the formation, size and pattern of distribution of TiB in MMC	Materials Science Forum	1662-9752	SCOPUS	2022-23
6	Dr.S.P. Jani	Impact study of a car bumper by using carbon fiber reinforced polyetherimid and	Materials Science Forum	1662-9752	SCOPUS	2022-23