



MARRI LAXMAN REDDY INSTITUTE OF TECHNOLOGY AND MANAGEMENT

(AN AUTONOMOUS INSTITUTION)

(Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad)

Accredited by NBA and NAAC with 'A' Grade & Recognized Under Section 2(f) & 12(B) of the UGC act, 1956

DEPARTMENT OF MECHANICAL ENGINEERING FACULTY PAPER PUBLICATIONS

Department: **MECHANICAL**

Academic Year: **2021-2022**

S.No	Name Of The Author	Title	Journal Name	ISSN No.	SCI/SCOP US	Date Of Publication
1	A. Nishanthkumar, T. Naganna V. Sudheer Babu U. Sudhakar S.P. Jani	A Review on life cycle analysis and environmental sustainability assessment of Bio-Fuel.	International journal of Global warming	1758-2091	SCI	2022
2	K. Veera Raghavulu	Taguchi optimization of process parameters used for improving tribological behaviour of grapheme nano particle dispersed nano lubricant	Engineering Research Express	2631-8695	ESCI	February 2022
3	S. P. Jani	Investigations on mechanical properties of bio-waste micro particles reinforced phenol formaldehyde composites	Archives of Metallurgy and Materials	1733-3490	SCI	2022
4	S. P. Jani	Structural analysis and materials deformations of landing gear	Materials today proceedings (Elsevier)	2214-7853	SCI	2022
5	S. P. Jani	Experimental characterization of banana fiber reinforced polyester composites	Materials today proceedings (Elsevier)	2214-7853	SCI	2022



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6	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	1026-1265	SCI	2022
7	S. P. Jani	Development and Optimization Study of Poly-Lactic Acid Blended Carbon Particles by Fused Deposition Modelling Method	Innovations in Additive Manufacturing	2214-7853	SCI	2022
8	U. Sudhakar S.P.Jani	A comparative assessment on life cycle analysis of the biodiesel fuels produced from soybean, Jatropha, Calophyllum inophyllum, and microalgae	Taylor and Francis	0803-7051	SCI	2022
9	K. Veera Raghavulu S.P.Jani	Tribology Analysis and the effect of molybdenum disulfide lubricant additives on the performance of VCR system	Advances in Materials and Processing Technologies	2374-0698	ESCI	2022
10	S.P.Jani	Analysis of Drilling of Coir Fiber-Reinforced Polyester Composites Using Multifaceted Drill Bit	Advances in Materials Science and Engineering Advances in Materials Science and Engineering	2687-8434	SCI	May 2022



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11	G. Suryaprakash	Analyzing the Cooling Rate and Its Effect on Distribution of Pattern and Size of the Titanium Diboride Particles Formed	Advances in Materials Science and Engineering Advances in Materials Science and Engineering	2687- 8434	SCI	December 2021
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