

FACULTY RESEARCH PUBLICATIONS IN THE YEAR 2019-20

(A) NATIONAL/INTERNATIONAL JOURNALS

S. No.	Name of the Faculty	Title of the Paper	Details of Publication				Impact Factor
			Name of the Journal	Vol & Issue	Year & Page No.	ISSN No	
1	Dr. Satish Pujari	Optimization and prediction of laser micro-grooving by artificial neural network	International Journal of Engineering and Technology	Vol 7, No 4	2018 & 6481-6487	0268-3768	1.74
2	Dr. Satish Pujari	Investigation on behavioural aspects of pine apple leaf fiber–latex composites used for transformer applications	Materials today	Vol 5, No 4	2019 & 2521-2525	2214-7853	1.4
3	Mr. M. Daniel Silas Kumar	Investigation on behavioural aspects of pine apple leaf fiber–latex composites used for transformer applications	Materials today	Vol 5, No 4	2019 & 2019 & 2521-2525	2214-7853	1.4
4	Mr. Pradeep Kumar	Experimental investigation of cutting parameters using nano lubrication on turning AISI 1040 steel	Materials today	Vol 15, No 4	2095–2101	2214-7853/	1.6



LENDI INSTITUTE OF ENGINEERING & TECHNOLOGY
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DEPARTMENT OF MECHANICAL ENGINEERING
NATIONAL/INTERNATIONAL JOURNALS

NAME OF THE FACULTY	TITLE OF THE PAPER	DETAILS OF PUBLICATION			INDEXING AND IMPACT FACTOR	NATIONAL / INTERNATIONAL
		NAME OF THE JOURNAL	PAGE NO.	YEAR		
Dr. Satish Pujari	Experimental Investigations on wear properties of palm kernel reinforced composites for brake pad applications	Defence Technology (Elsevier)		2019	SCI, Scopus and IF: 1.74	International
Dr. S. Srikan	Experimental Investigations on wear properties of palm kernel reinforced composites for brake pad applications	Defence Technology (Elsevier)		2019	SCI, Scopus and IF: 1.74	International
Mr. G. Sasidhar	Fabrication And Installation of Mini Kaplan Turbine	International Journal For Research In Applied Science And Engineering Technology (IJRASET)	273-277	2018	Copernicus and IF: 6.887	International
Mr.K.Ch Sekhar	performance and emission characteristics of high speed diesel engine blends with carbon nano tubes added ethanol-diesel	International Journal of Mechanical and production Engineering Research and Development	91-100	2018	Scopus and IF: 7.3197	International
Dr. Satish Pujari	Experimental Investigations on Thermal Conductivity of Fenugreek and Banana Composites	Institution of Engineers (Springer)	51-55	2017	Scopus and IF: 0.61	International

Mr.K.Ch Sekhar	A Review on thermal properties of natural fiber reinforced polymer composites	International Journal For Research & Development in Technology	2349-3585	2017	Scribd and IF: 6.88	International
Mr. M. Pradeep Kumar	Experimental Investigation And Optimization of Wear Rate In AL6062-SIC-Flyash Metal Matrix Composites	International Journal of Engineering, Science And Mathematics	518-525	2017	Copernicus and IF: 6.765	International
Dr. S.Srikan	Performance Assessment and Study of Tribological Properties of Self-lubricating Materials for Dry Lubrication	Journal of Mechanical Engineering Research and Developments	1570-1580	2016	Scopus and IF: 1.7	International
Dr. S.Srikan	“Performance evaluation and optimization of nano boric acid powder weight percentage mixed with vegetable oil using the Taguchi approach	Journal of Mechanical Science and Technology	4877-4883	2016	and IF:1.194	International
Dr. Satish Pujari	Analysis of muscle movement and reaction force of elbow joint during flexion movement	International journal of biomedical engineering and technology (Inder Science)	370-376	2016	Scopus and IF: 0.51	International
Mr. M. Daniel Silas Kumar	Analysis of muscle movement and reaction force of elbow joint during flexion movement	International journal of biomedical engineering and technology (Inder Science)	370-376	2016	Scopus and IF: 0.59	International
Mr. P.Srinivas Reddy	Optimization of machining parameters using taguchi approach during hard turning of alloy steel with uncoated carbide under dry cutting environment.	International journal of lean thinking	1543-1556	2016	Informatics Open J-Gateand IF: 2.7	International
Mr. V. Krishna Kanth	Optimization of machining parameters using taguchi approach during hard turning of alloy steel with uncoated carbide under dry cutting environment.	International journal of lean thinking	1543-1556	2016	Informatics Open J-Gateand IF: 2.7	International
Mr. P.Srinivas Reddy	Characterization of Aluminium Reinforced with Tungsten Carbide Particulate and Flyash Metal Matrix Composites	International Journal of Engineering Research & Technology (IJERT)	623-627	2016	SemanticScholar and IF: 0.36	International
Mr. V. Krishna Kanth	Characterization of Aluminium Reinforced with Tungsten Carbide	International Journal of Engineering Research &	623-627	2016	SemanticScholar and IF: 0.36	International

	Particulate and Flyash Metal Matrix Composites	Technology (IJERT)				
Mr. Ch. Polayya	Modeling and fluent analysis of B series marine propeller	International journal of innovative research in advanced technology	60-65	2016	Copernicus and IF: 1.642	International
Mr. Ch. Polayya	Comparison, performance and emission characteristics of waste pyrolysis oil	International journal of advanced technology and innovative research	1462-1466	2016	Scribd and IF: 4.106	International
Mr. Ch. Polayya	Optimization of process parameters for wire cut electric discharge machining of inconal 718 super alloy.	International journal of advanced technology and innovative research	0026-0030	2016	Scribd and IF: 2.3	International
Mr. Ch. Polayya	Perfomance and emission analysis of dual biodiesel on VCR engine	International journal of Advanced research and latest trends	1922-1926	2016	Scribd and IF: 5.338	International
Mr.S.Ramanajneyulu	Investigation of Aluminium Reinforced Tungsten Carbide and Flyash Composite Properties	IJMTER	14-17	2016	Copernicus and IF: 4.364	International
Mr. V. Krishna Kanth	Investigation of Aluminium Reinforced Tungsten Carbide and Flyash Composite Properties	IJMTER	14-17	2016	Copernicus and IF: 4.364	International
Mr. I. Anil Kumar	Simulation Of Human Femur Bone component With Smart Materials	International journal of advanced research in science and engineering	50-59	2016	Idiif and IF: 2.5	International
Mr. I. Anil Kumar	Design and static analysis of composite leaf spring for heavy vehicle	International Research Journal of Engineering and Technology (IRJET)	2579-2585	2016	Scribd and IF: 4.45	International
Dr. Satish Pujari	“Investigations On Thermal Conductivities of Jute and Banana Fiber Reinforced Epoxy Composites”	Institution of Engineers (Springer)	79-83	2016	Scopus and IF: 0.61	International
Dr. Satish Pujari	Condition Monitoring And Dynamic Balancing Of A Hot Air Circulation Blower By Vibration Tool	International Journal of Engineering Sciences & Research Technology (Thomson Reuters End Note)	40-49	2016	Scopus and IF: 3.785	International
Mrs. G. Shiva Karuna	Static And Dynamic Analysis Of Composite Rotor Blade	International Journal of Advanced Technology In Engineering and Science	145-156	2016	Idiif and IF: 1.012	International

Mrs. G. Shiva Karuna	Statistical analysis on weld bead geometry of pulsed current micro plasma arc welded AISI 316Ti austenitic stainless steel sheets	Journal of materials and metallurgical engineering	20-37	2016	Copernicus and IF: 3.394	International
Mr. V. Krishna Kanth	Optimization of process planning system for prismatic parts using ACO	JMSME	398-403	2016	IF: 2.9	International
Mr. I. Anil Kumar	Simulation OF Human Femur Bone Component With Mart Materials	IJARSE	50-59	2016	Idiif and IF: 3.5	International
Mr. M.Balaji	Modelling and fabrication of quadraped robot based on the ojansen mechanism by using MATLAB	IJARSE	42-49	2016	Idiif and IF: 3.5	International
Dr. S.Srikiran	Performance Evaluation and Optimization of Nano Boric Acid Powder Mixed With Vegetable Oil in Turning of AISI 1040 Steel using Taguchi approach	Materials and Manufacturing Processes	4877-4883	2015	Scopus and IF: 1.629	International
Dr. Satish Pujari	Experimental Investigation of Mechanical Properties of Uni directional jute and banana fiber composites”,	Journal of Agroalimentary Processes and Technologies	302-308	2015	Scopus and IF: 0.867	International
Mrs. Somireddy Hemalatha	Supply chain strategy based supplier evaluation-An integrated framework"	International Journal of Managing Value and Supply Chains(IJMVSC)	69-84	2015	Ebsco and IF: 0.36	International