

## Papers Published in Journals for 2018-2019

S. No	Author Name	Title of the paper	Journal	Month, Year	Issue
1.	M.Arun	Investigation on the performance of deep and shallow cryogenic treated tungsten carbide drills in austenitic stainless steel	Measurement	2018	Vol.125 Pages 687-693
2.	N.Arunkumar	Investigation on the performance of deep and shallow cryogenic treated tungsten carbide drills in austenitic stainless steel	Measurement	2018	Vol.125 Pages 687-693
3.	S. Arivazhagan,	Machinability study of abrasive aqua jet parameters on hybrid metal matrix composite, <a href="https://doi.org/10.1080/10426914.2018.1544707">doi.org/10.1080/10426914.2018.1544707</a>	Journal Materials and Manufacturing Processes	2019	34:3, 321-344
4.	K.Arun	Evaluation and Selection of Turbocharger Meeting BS6 Emission Norms for 1.99 l Engine	SAE Technical Paper	2019	Issue 2019-26-0058
5.	K.Arun	A Method to Evaluate Impact of Power Steering on Fuel Economy and Optimization	SAE Technical Paper	2019	2019-26-0309
6.	N.Sathishkumar	Effect of fin geometry for various tube shape using CFD simulation on multichannel heat exchanger in mobile air conditioning	International Journal of Mechanical and production Engineering	2018	8 26-32
7.	V.Ashokkumar	Effect of fin geometry for various tube shape using CFD simulation on multichannel heat exchanger in mobile air conditioning	International Journal of Mechanical and production Engineering	2018	8 26-32
8.	R.Sathish	Characterization of a Friction Surfaced Stainless Steel Coating on Medium Carbon Steel	Transactions of FAMENA	Dec2018	Vol. 42 No. 4, 2018.
9.	George sahaya Nixon	Characterization of a Friction Surfaced Stainless Steel Coating on Medium Carbon Steel	Transactions of FAMENA	Dec 2018	Vol. 42 No. 4, 2018.

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10.	Sathish Rengarajan	Synthesis, characterization and machinability studies on thin hybrid composites with SiC nano particles	Material Research Express	March 2019	Vol.6, Issue 6
11.	SM Mullaikodi	Synthesis, characterization and machinability studies on thin hybrid composites with SiC nano particles	Material Research Express	March 2019	Vol.6, Issue 6
12.	VaddiSeshagiri Rao	Synthesis, characterization and machinability studies on thin hybrid composites with SiC nano particles	Material Research Express	March 2019	Vol.6, Issue 6
13.	SathishkumarN.	Metal bellow hydroforming using additive manufactured die: a case study	Rapid Prototyping Journal	2019	-----
14.	K. Muninathan	Modeling and Analysis of Annular Diffuser with and Without Double Tapered Struts	IEEE International Conference on System, Computation, Automation and Networking (ICSCAN)	2019	-----
15.	K. Muninathan	Modeling and Analysis of Environmentally Benign Charcoal Kiln	International Journal of Environment and Pollution	2019	Vol.39 No.2,173-178
16.	K. Muninathan	Investigation of Nitrogen Reduction in Four Stroke Petrol Engine Using Zeolites as Adsorbent	Research Journal of Life Sciences, Bioinformatics, Pharmaceutical and Chemical Sciences,	2019	Page-896-899
17.	G.M.Lionus Leo	Experimental Investigation, Optimization and ANN Model Prediction of a Gasoline Premixed Waste Cooking Oil Fueled HCCI-DI Engine 10.1007/s40430-018-0967-1	Journal of the Brazilian Society of Mechanical Sciences and Engineering, Springer	2018	Vol.40 No.2
18.	Arivazhagan S	Experimental Investigation, Optimization and ANN Model Prediction of a Gasoline Premixed Waste Cooking Oil Fueled HCCI-DI Engine	Journal of the Brazilian Society of Mechanical Sciences and Engineering, Springer	2018	Vol.40 No.2

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		10.1007/s40430-018-0967-1			
19.	R.G.S.Nixon	Friction surfacing of AISI 316 over mild steel:A characterization study 10.1016/j.dt.2018.03.003	Defence Technology	2018	Vol.14 No 4
20.	R.Sathish	Friction surfacing of AISI 316 over mild steel:A characterization study 10.1016/j.dt.2018.03.003	Defence Technology	2018	Vol.14 No 4
21.	Kumar K.M	Investigation on influence of blending Jatropha biofuel with diesel to improve fuel quality <a href="https://doi.org/10.1080/14484846.2019.1567029">https://doi.org/10.1080/14484846.2019.1567029</a>	Australian Journal of Mechanical Engineering	2019	1448-4846
22.	Arunkumar N	Grain size and corrosion investigations on friction welding of AA6061-T6 Al alloy to Cu with Ni interlayer	International Journal of Advance Research, Ideas and Innovations in Technology	2018	Vol.4, No.2, pp.2454-2464.
23.	Manoj kumar P,	“Performance Enhancement of Domestic Refrigerator Using Tes By Integrating Different Pcm Over the Evaporator for Various Load Conditions”	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	Aug 2018	Vol. 8, Special Issue 8, 338-344
24.	M.Ganesh,	Experimental Investigation on Mechanical and Wear Properties of Al7075-B4C-TiO2 Composite 10.4028/www.scientific.net/NHC.23.17	Nano Hybrids and Composites	August 2018	Vol. 23,
25.	K.M.Kumar,	Influence Of Austempering Temperature and Time On The Microstructure And Mechanical Properties of an Austempered Ductile Iron (ADI)	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	August 2018	Vol. 8 /No. 8 pp 17-23

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26.	A.S.M.UdayaKumar ,	Influence Of Austempering Temperature and Time On The Microstructure And Mechanical Properties of an Austempered Ductile Iron (ADI)	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	August 2018	Vol. 8 /No. 8
27.	K. M. Kumar	Investigation On Influence Of Process Parameters In Abrasive Water Jet Machine During Machining Of Beryllium Copper	International Journal of Mechanical and Production Engineering Research and Development	August 2018	Vol. 8 /No. 8
28.	Arunkumar N,	'Design and fabrication of square hole drilling tool DOI :16.10089.IJIRE.2018.V5I5.17.21308	International Journal of Innovative research explorer	2018	
29.	Subramanian M	Design and fabrication of square hole drilling tool DOI :16.10089.IJIRE.2018.V5I5.17.21308	International Journal of Innovative research explorer	2018	
30.	G. Anand	Delamination study on newly formulated Ni-P coated glass fibre/ nanowire- reinforced polymer composite using Grey relational analysis	International journal of additive and subtractive materials and manufacturing	2018	Vol-1, issue3-4
31.	Arunkumar N	Online tool condition monitoring and optimizing of process parameters for surface integrity and hole quality in deep hole drilling process DOI 10.1007/s11106-019-00034-7	Journal of the Balkan Tribological Association	2019	Vol.25, No.1 pp.1-30
32.	Arunkumar N	Effect of sensitization on electro less Nickel plating of MoS <sub>2</sub> Nano-particles	Powder Metallurgy and Metal Ceramics	2019	Vol.57, Nos.11-12