

Papers Published in Journals for 2016-2017

S. No	Author Name	Title of the paper	Journal	Month, Year	Issue
1.	N. E. Arun Kumar	Influence of input parameters on the near-dry WEDM of Monel alloy	Materials and Manufacturing Processes	Feb2017	Pages 85-92
2.	K.M.Kumar	Study on the influential process parameters in machining the austempered ductile iron”	Materials and Manufacturing Processes	2017	Pages 414-421
3.	N. E. Arun Kumar	A study on parametric optimization of wire electrical discharge machining using response Surface methodology	International journal of chemical sciences	2016	Vol. 14, Issue 2 Page1051-1059
4.	V.Seshagiri Rao	Parametric Optimization of the Friction Stir Welding Process of Age Hardenable Aluminum Alloys	Journal of South-Central university	October 2016	Vol.23 Pp1847-1857
5.	N.Arunkumar	Magneto rheological fluid-based nanotexturing of tool inserts for turning of duplex stainless steel	Materials and Manufacturing Processes	Jan 2017	Pages 1019-1025
6.	G.Anand	Dynamic mechanical, thermal and wear analysis of Ni-P coated glass fiber/Al ₂ O ₃ nanowire reinforced vinyl ester composite	Alexandria Engineering Journal	March 2017	Volume 57, Issue 2, June 2018, Pages 621-631
7.	G.Anand	Ni-P coated Glass fiber / Al ₂ O ₃ Nanowire Reinforced vinyl ester Composite: Investigation on the Mechanical and Thermal properties	International Journal of Polymer Korea	March2 017	Vol.43.No.3 Pp.443-451
8.	K.M.Kumar	Prediction and Investigation of Surface Roughness While Turning Spheroidal Graphite (SG) Iron with Cubic Boron Nitride (CBN) and Tungsten Carbide Inserts	Transactions of the Canadian Society for Mechanical Engineering	August 2016	vol. 40, no. 4 41(1):129-141
9.	SathishRengarajan	Mechanical and Metallurgical Characterization of Dissimilar Weld Joints Using Continuous Direct Drive Friction Welding	Engineering Transactions	Dec 2016	Vol.64,Issue 2,241-252

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10.	VaddiSeshagiri Rao	Mechanical and Metallurgical Characterization of Dissimilar Weld Joints Using Continuous Direct Drive Friction Welding	Engineering Transactions	Dec 2016	Vol.64,Issue 2. 241-252
11.	R.Selvam	Investigation on performance of abrasive water jet in machining hybrid composites	Materials and Manufacturing Processes	Dec 2016	Vol. 32,6 Pages 700-706
12.	N.Arunkumar	Investigation on performance of abrasive water jet in machining hybrid composites	Materials and Manufacturing Processes	Dec 2016	Vol. 32,6 Pages 700-706
13.	K.Arun	Stoichiometric equilibrium modeling of corn cob gasification and validation using experimental analysis	Energy & Fuels	August 2016	VOL.30,9 7435–7442
14.	N.Arunkumar	Experimental investigation and numerical analysis of the dynamic characteristics of a laminated hybrid composite bed.	Polymer Composites	2017	vol. 38, no. 1, pp. 20–26
15.	R.Selvam	Experimental investigation and numerical analysis of the dynamic characteristics of a laminated hybrid composite bed	Polymer Composites,	2017	vol. 38, no. 1, pp. 20–26
16.	S.Arivazahagan	Heat Transfer Analysis of Flat Plate Subjected to Multi-Jet Air Impingement using Principal Component Analysis and Computational Technique	Journal of Applied Fluid Mechanics	August 2016	Vol. 10, No. 1
17.	N.Arunkumar	Effect of process parameters on surface roughness and roundness error for deep hole drilling of AISI 1045 steel	Packaging & Allied Sciences	2016	-
18.	K.Arun	Experimental studies on gasification of corn cobs in a fixed bed system	Journal of chemical and pharmaceutical research	2016	Vol.8 Issue.7 Page667-676
19.	K.Arun	Comparative studies on gasification of corn cob, casagrina wood and coconut shell in a fixed bed gasifier	Journal of chemical and pharmaceutical research	2016	Vol.8,7 pp 544-552

