

Faculty Publications

Journal Publications

S. No.	Name of the Faculty	National / International	Title of the Paper	Title of the Journal
1	S. Ramesh, R. Viswanathan, S. Ambika	International	Measurement and optimization of surface roughness and tool wear via grey relational analysis, TOPSIS and RSA techniques	International Journal of Measurement (Elsevier), Vol. 78, January 2016, pp 63–72, DoI: 10.1016/j.measurement.2015.09.036
2	S. Prakash, S. Ramesh, R. Sasikumar	International	A Mathematical and Neural Network Approach for Optimization of Cutting Force'	International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.53 (2015)
3	R. Prabhu, S. Ramesh	International	Structure and Hardness of TiC Coating by Laser Cladding	International Journal of Applied Engineering Research ISSN 0973-4562 Vol. 10 No.53 (2015)
4	Sengottuvel P, Jessy K	International	Fuzzy Rule based Modeling of Drilling Parameters for Tool Wear in Drilling GFRP Composites	Indian Journal of Science and Technology Volume 8, Issue 31, November 2015, pp. 1-6.
5	D Easu & Siddarthan	International	Experimental study on quarter car model using the combination of MR fluids damper and hybrid magnet	International Journal of Applied Engineering Research ISSN 0973-4562 Vol. 10, Number 8 (2015), pp: 6363-6366.
6	Balaguru S, Vela Murali & Chellapandi P	International	Measurement of the Residual Stresses and Investigation of Their Effects on a Hardfaced Grid Plate due to Thermal Cycling in a Pool Type Sodium-Cooled Fast Reactor	Science and Technology of Nuclear Installations, Vol. 2016, pp 1-8, 2016.
7	Ramesh S, Gowrisankar G, Umanath	International	Analysis of Lightweight Materials for Robot Manipulators	Australian Journal of Basic and Applied Sciences, Vol. 9(11) May 2015, pp: 877-882 (ISSN:1991-8178), 2015.
8	Ramesh, S., Gobikrishnan, U, Umanath	International	Micro Drilling Studies on Titanium Alloy Using Micro Electro Chemical Machining	Australian Journal of Basic and Applied Sciences, Vol. 9(11) May 2015, pp: 934-941(ISSN:1991-8178), 2015.
9	D Easu & Siddarthan	International	Synthesis, characterisation, design and study of magnetorheological property of nano fe2O3	International Journal of ChemTech Research Vol.8, No.5, pp 65-69, 2015.
10	Jessy K, Satish kumar, Dinakaran D & Seshagiri Rao	International	Influence of different cooling methods on drill temperature in drilling GFRP	The International Journal of Advanced Manufacturing Technology Volume 76, Issue 1, pp 609-621, 2015
11	Jessy K, Satish kumar & Dinakaran D	International	Investigating the fluctuations in tool vibration during GFRP drilling through recurrence	Journal of Mechanical Science and Technology, Volume 29, Issue 3, pp 1265-1272, 2015

			quantification analysis	
12	D Easu & Siddarthan	International	Theoretical and experimental analysis of vibration isolation using hybrid magnet	International Journal of Procedia Engineering 64 (2013) 1139 – 1146, 2014.
13	T. Ramesh, R. Bharanidaran & V. Gopal	International	Design and development of XY Micro-Positioning Stage Using Modified Topology Optimization Technique	Applied Mechanics and Materials, vol. 592-594, pp. 261-265, 2014.

Conference Publications

S. No.	Month / Year	Faculty Name	National / International	Title	Details of Conference
1.	February 17-19, 2016	Jesudass Thomas S & Kalaichelvan K	International	Study of chip formation by surface texturing on cutting tool	Proceedings of the ICMDM 2016.