

Paper Publications in year 2012-13 (International Journal)

Sr.No.	Title of the paper	Author	Journal
1	Investigations on machinability aspects of hardened AISI 4340 steel at different levels of hardness using coated carbide Tools	Satish Chinchanikar	International Journal of Refractory Metals and Hard Materials/ Vol. 38 (2013) 124-133. <i>Cited by 21 as on June 2015.</i>
2	Effect of work material hardness and cutting parameters on performance of coated carbide tool when turning hardened steel: An optimization approach	Satish Chinchanikar	Measurement 46, no. 4 (2013): 1572-1584. <i>Cited by 23 as on June 2015.</i>
3	Modeling and evaluation of flank wear progression of coated carbide tools in turning hardened steels	Satish Chinchanikar	Int. J. Manufacturing Technology and Management, Vol. 27, Nos. 1/2/3, 2013. <i>Cited by 1 as on June 2015.</i>
4	Experimental investigations to optimise and compare the machining performance of different coated carbide inserts during turning hardened steel	Satish Chinchanikar	Proceedings of the IMechE, Part B: Journal of Engineering Manufacture/ September 2013, Vol. 228(9) (2014) 1104–1117. <i>Cited by 6 as on June 2015.</i>
5	Performance of PVD AlTiCrN coating during machining of austenitic stainless steel	A. P. Kulkarni	Surface Engineering, 29(5) (2013),402-407. <i>Cited by 7 as on June 2015.</i>
6	Analytical and Experimental Investigation on Cutting temperature in Turning AISI 304 Austenitic Stainless Steel using AlTiCrN Coated Carbide Insert	A. P. Kulkarni	International Review of Mechanical Engineering (I.R.E.M.E.)/ Vol. 7 No1. 189-194, ISSN 1970 8734
7	Design optimization of cutting parameters for turning of AISI 304 austenitic stainless steel using Taguchi method	A. P. Kulkarni	Indian Journal of Engineering & Materials Sciences, Vol. 20, August 2013, pp. 252-258. <i>Cited by 4 as on June 2015.</i>
8	Parametric Analysis of Helical Coil Heat Exchange	P. S. Purandare	International Journal of Engineering Research & Technology / ISSN -2278-0181; Nov 2012. <i>Cited by 11 as on June 2015.</i>
9	Effect of Geometrics Operating Parametric on Performance of Helical Coil Heat Exchanger	P. S. Purandare	International Reviews of Mechanical Engineering/ Vol-7/110J-109, Jan 2013
10	A study of Bouc Wen Model of MR Fluid damper for vibration control	N. H. Ambhore	International Journal for Engineering Research & Technology/ ISSN 2278 – 0181, Vol. 2 (02), 2013. <i>Cited by 4 as on June 2015.</i>
11	A Comparative Study of Parametric Models of MR Fluid Suspension Damper	N. H. Ambhore	International journal of Mechanicals Engineering & Technology / ISSN: 0976 6340, Vol.4, Issue 1, January-February (2013), pp. 222-232 (Impact Factor 5.7731)
12	Experimental study of MR Suspension damper for Vibration Control	N. H. Ambhore	International Journals of Pure & Applied Research in Engineering & Technology/2319-507X; 2013; Vol-1(8)
13	Experimental study of MR Suspension damper for Vibration Control	A. A. Somatkar	International Journals of Pure & Applied Research in Engineering & Technology/2319-507X; 2013; Vol-1(8)
14	Investigation of simultaneous heat and mass transfer characteristics of air cooled absorber chiller	H. V. Velhal	International Journal of Engineering in Mechanical Engineering/ Vol.1, Issue 1, PP. 38-41, Issn No. 2277-2685, Oct 2012
15	Thermal Analysis of Feeder Neck Using FEM for a metal Casting	P. R. Anerao	International Journal of Engineering Technology & Advanced Engineering/ ISSN 2250- 2459, 2(8), Aug 2012

16	Analysis of Casting Defects and its Remedial Measure A Diagnostics Study	RohitSinha	International Journals of Mechanical Engineering/ ISSN: 2278-7461, Vol-1, issue 6, Oct 2012. <i>Cited by 3 as on June 2015.</i>
17	Experimental Investigation of Heat Transfer By PIN FIN	V. K. Mathew	International Journal Of Engineering And Innovative Technology/ ISSN: 2277-3754 Volume 2, Issue 7, January 2013. <i>Cited by 3 as on June 2015.</i>

Paper Publications in year 2012-13 (International Conference)

Sr No	Title of the paper	Authors	Details
1	Investigation into the machinability characteristics of AISI 304 austenitic stainless steels using AlTiCrN coated cemented carbide inserts	A. P.Kulkarni	4th International and 25th AIMTDR Conference 2012, Jadhavpur University, W.Bangal, India, 14-16-Dec, 2012. (www.aimtdr2012.info)
2	Experimental Investigation of chip-tool interface temperature during machining of AISI 304 using TiAlN coated and uncoated cemented carbide insert	A. P.Kulkarni	Proceeding of 3 rd CPIE-2013 conference Jalandar, pp. 1 – 5
3	Microstructure and mechanical properties of AlTiCrN, AlCrN coatings deposited by cathodic arc evaporation (PVD) technique	A. P.Kulkarni	Twenty-First International Symposium on Processing and Fabrication of Advanced Materials, IIT Guwahati(PFAM XXI) 10-13, Dec. 2012. <i>Cited by 5 as on June 2015.</i>
4	Investigation on Cutting Temperature and Cutting Force in Turning AISI 304 Austenitic Stainless Steel using AlTiCrN Coated Carbide Insert	A. P.Kulkarni	2nd International Conference on Advanced Manufacturing and Automation (INCAMA-2013), March 2013
5	Experimental Study of Magnetorheological Suspension Damper for Vibration Control	N. H. Ambhore	Proceeding of International Conference on “Emerging Trends & Research in Engineering & Technology, IBSS COE, Amaravati, 30 and 31 st March 2013, pp.1-9
6	Application of Nonparametric Models of Magnetorheological Fluid Damper in Vibration Control	N. H. Ambhore	Proceeding of 2nd International Conference on “Current Trends and challenges in Management, Engineering, Computer application and Technology’ held at Deogiri Institute of Engineering and Management studies, Aurangabad, 23 and 24 th March 2013
7	A Comparative Study on the Axial Impact Performance of Jute and Glass Fiber-Based Composite Tubes	Ashok Mache	SAE Technical Paper 2013-01-1178, 2013/ doi:10.4271/2013-01-1178. <i>Cited by 1 as on June 2015.</i>
8	Investigation of chip-tool interface temperature during turning of hardened AISI 4340 alloy steel using multi-layer coated carbide inserts	S.S. Chinchanikar	International Conference on Key Engineering Materials at Kota Kinabalu, Malaysia, 8 th – 9 th March 2013 (ICKEM 2013). Awarded as Excellent paper certificate. <i>Cited by 6 as on June 2015.</i>
9	Investigation of the effects of different coated carbide inserts on surface roughness and cutting force in turning AISI 4340 steel	S.S. Chinchanikar	4th International & 25th All India Manufacturing Technology Design and Research, (AIMTDR-2012) Conference, India, 14th-16th December, 2012, Vol. 1: 249-254
10	Flank wear progression modeling in turning hardened steel using multi-layer coated carbide inserts	S.S. Chinchanikar	International Conference on Innovations in Design and Manufacturing, at PDPM IIDM Jabalpur, India, 5th-7th December 2012 (InnDeM 2012).

Paper Publications in year 2012-13 (National Conference)

Sr No	Title of the paper	Authors	Details
1	Experimental study of rarefied gas flow through tube with sudden expansion	Vijay Varade	39 th National Conference on Fluid Mechanics and Fluid Power, December 13-15, 2012, SVNIT Surat, Gujarat, India.