

**For college website in achievements section-
Staff achievement- Publication
Dr. Ravindra B. Ingle**

Sr. No.	Name of Journal/ Magazine/ Conference	Date	Paper Title	Remark (Paper presented / published / Attended)
1	International Journal of Mechanical system	Mar-May-2009	Identification of the defects in high speed ball bearing using vibrational analysis.	(IJMAE) (ISSN 0974-231X),Pp 25-32 Vol..3,No. 4
2	International Journal of Low Frequency Noise, Vibration and Active Control, Multi-Science publ. Co. Essex. UK	April 2010	A theoretical investigation on natural frequencies of vibration and noise due to engine and propeller system of Ultra Large Crude Carrier (ULCC)	Vol. 29 No.1April-2010
3	National Journal of institution of Engineers (India) Marine Engineering Division Part	18 July 2009	Design and Analysis of small Container Vessel for Indian Ports	PP 13-18 VOL. 90, JULY 18, 2009
4	National Journal of Marine Engineers Review (India),	Sep-2009	An Investigation on Optimization of Containership Building Design and its Effect on Hull Natural Frequency	PP 15-34, Vol. 3, Issue 10, Sep-2009
5	National Journal of institution of Engineers (India) Marine Engineering Division Part	18 Jan.2010	An Investigation on Design Optimization of Small Vessel to Enhance the Coastal Shipping in India	Pp 3-11, Vol.90
6	World Maritime Technology Conference (WMTC-2009) NCPA, Mumbai, INDIA	21-24 Jan 2009	An Investigation on Optimization of Containership Building Design and its Effect on Hull Natural Frequency	Proceedings in CD WMTC-2009
7	International Conference on Mechanical System and Engineering, Singapore,	24-26 Aug. 2009	A Model for Study of the Defects in Rolling Element Bearings at Higher Speed by Vibration Signature Analysis.	PP 130-137 Vol.. 56 , Aug. 2009
8	International Conference on Emerging Research and Advances in Mechanical Engg. ERA-2009 at- VEC,	2009	Computer Aided Design and Optimization of an Ackermann Steering Mechanism	ERA-2009. PP 501-504

	Chennai – 600066 (TN)			
9	23 rd National Convention of Institution of Engineers (India) Marine Engineering Division, Jaipur	5-6 Sep. 2009	An Investigation on Design Optimization of Small Vessel to Enhance the Coastal Shipping in India	Conference Proceedings Pp 49-62
10	National Seminar on River-Sea Vessels- A Holistic Approach, IME, Cochin,	16 Dec. 2009	Design Optimization of River - Sea Vessel to Enhance the Transportation of Cargo in Coastal Areas of India	Conference Proceedings Pp 45-54
11	International Review of Mechanical Engineering (IREME ISSN-1970-8734),	March 2011	Experimental study of bearing failure analysis at higher speed by simulating local defect on its Races.	Vol.5, No.3, March-2011
12	International Journal of Emerging Technologies in Science and Engineering(IJETSE ISSN 1923- 9181)	April 2011	Experimental approach for vibrational analysis of deep groove ball bearings with faulty outer ring	Vol- 4, No1, April-2011
13	Noise and Vibrations Worldwide Multi-Science Publ. Co. Ltd. Essex UK	June-2011	Response of various vibration parameters to the condition monitoring of ball bearings used in centrifugal Pumps	Vol 42 No.6, pp 34-40, June-2011
14	International Journal of Mechanical Engineering, ISSN-0039-2472.Slovak Republic	2011	Study of vibration response characteristics of deep groove Ball Bearings with localized defect on its races	Vol 62, No.5-6, pp 311-334, 2011
15	International Journal of Vehicle Structures & Systems Available online at www.ijvss.maftree.org doi: 10.4273/ijvss.4.2.05	2012	Comparative Study of Steering Mechanisms for Large Wheelbase Vehicles	2012. 4(2), 64-68 ISSN: 0975-3060 (Print), 0975-3540 (Online)
16	Noise and Vibrations Worldwide, Multi-Science publ. Co. Ltd. Essex. UK	2014	Experimental investigation of a double Expansion chamber reactive muffler for stationary diesel engine	Vol. 45, No. 9, Oct. 2014 12-17, ISSN: 0957-4565
17	International Journal Procedia Technology, ELSEVIER	2014	Theoretical Modeling and Experimental Verification of Mechanical Properties of Natural fiber reinforced thermoplastic	Vo. 19 2015 320-326, ISSN: 2212-0173
18	International Conference on Computational and	2014	Investigation of effect of skew on natural frequency for a	Dec-3-4, 2014

	Experimental Marine Hydrodynamics (MARHY 2014) IIT Madras, Chennai		Marine Blade in water Using FEM	
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Dr. Ananad K. Bewoor

Sr. No.	Name of Journal/ Magazine/ Conference	Date	Paper Title	Remark (Paper presented / published / Attended)
1	Journal of Measurements in Engineering, (ISSN P. 2335-2124, ISSN O. 2424-4635).	June (2016)	Vibration based condition assessment of ball bearing with distributed defects	Vol. 4, Issue 2, , pp. 43-12.
2	International Journal of Industrial Engineering Research And Development	January - February (2014)	An Empirical Study Of Factors Affecting Productivity of Solapur Based Terry Towel Manufacturing Textile Industries	Volume 5, Issue 1, January - February (2014), pp. 31-38. <u>[Impact Factor (2013): 5.1283]</u>
3	International J. of Multidispl. Research & Advcs. in Engg.	July 2013	Review of parameters affecting productivity of Textile SMEs	ISSN 0975-7074, Vol. 5, No. III (July 2013), pp. 57-68. <u>[Impact Factor (2013): 0.38]</u>
4	International Journal of Engineering Research and Industrial Applications	May 2013	Critical review of research in use of laser beam welding in automotive sector	Vol. 6, No. II, May 2013. ISSN 0974-1518. <u>[Impact Factor (2013): 0.481]</u> .
5	International Journal of Productivity and Quality Management	2010	An empirical study of the motives and benefits of QMS/ISO implementation among Indian SMEs	Vol. 6, Issue 4, 2010, pp. 379-406. ISSN: 1746-6474. <u>[HIndex: 7]</u>
6	International Journal of Industrial Engineering and Technology	2010	An empirical analysis of impact of QMS/ISO implementation on productivity/performance of	Vol. 2, No. 1, 2010, pp. 85-109. ISSN:

			Indian SMEs	0974 – 3146
7	International Journal of Six Sigma and Competitive Advantage,	2010	Mapping Macro/Micro Level Critical Links for Integrating Six Sigma DMAIC steps as a Part of Company's Existing QMS Processes: An Indian SME Case Study	Vol. 6, Nos. 1/2, 2010, pp. 105-131. ISSN: 1479-2494. [H Index: 11]
8	Journal of Engineering Research and Study	2010	Use of Shining Tools for Simplifying Six Sigma implementation in QMS/ISO Certified Environment– an Indian SME Case Study	Vol. I, Issue No. II Oct.-Dec.,2010, pp.177-194. E-ISSN: 0976-7916
9	International Journal of Emerging Technologies and Applications in Engineering	2009	Developing and Implementing Quality Six Sigma(QSS) - an Integrated QMS and Six Sigma Methodology for Improving Quality and Productivity/ Performance of SME – An Indian Case Study	Technology & Sciences, Vol. 2, Issue 2, 2009,pp. 222-228. ISSN : 0974-3588
10	International J. of Multidisciplinary Research & Advcs. in Engg.	Jan. 2012	Evaluating the Relationship Between Installation and Use Of ISO 9000 on Operating and Business Performance of Indian SMEs	(IJMRAE), Vol. 4, No. I, Jan. 2012, pp. 461-478. ISSN : 0975-7074
11	Manufacturing Technology Today Journal	Jan. 2006	“Experimental investigation of optimization of process parameters for machining non-conducting material by ECDM process	Jan. 2006 Issue. National Journal
12	Manufacturing Technology Today Journal	Jan. 2005	Design optimization for reliability importance of components in hydraulic trainer system	Jan. 2005 Issue National Journal
13	5th International Conference of Materials Processing and Characterization (ICMPC 2016) at Dept. of Mech. Engg., GRIET, Hyderabad.	June 2016	Use of Analytic Hierarchy Process Methodology for Criticality Analysis of Thermal Power Plant Equipment	Paper presented and paper published in Proceedings
14	International Conference on Trends in Industrial and Mechanical Engineering,at Dept. of Mech. Engg., M.A.N.I.T., Bhopal.	4th - 6th Feb., 2016	Methodology for Identification of Critical Equipment in Thermal Power Plant Using Criticality Analysis	Paper presented and paper published in Proceedings
15			‘Role of Lean Six Sigma in Quality Management Practices: A Case Study	Paper presented and paper published in Proceedings
16	International Conference on Industrial Engineering Dept. of Mech. Engg. S.V.N.I.T., Surat , India.	20 th -21 st Nov. 2013	A Multi Criteria Decision Making Model for Supplier Selection and Evaluation: Case of Kraljic Model	
17			Study of Variables of Textile Manufacturing Industries and their effects on Productivity of	

			Solapur based SMEs	
18			A Multi Criteria Decision Making Model for Supplier Selection and Evaluation: Case of Kraljic Model	
19	IEEE International Conference on Communication, Information & Computing Technology (ICCICT-2012) Sardar Patel Institute of Technology, Mumbai, India	19 th -20 th Oct. 2012.	An Expert Advisory System for ISO 9001 based QMS of Manufacturing Environment'	Paper presented and paper published in Proceedings (in CD form)
20	12th Annual Conference of Society of Operations Management, I. I. T., Madras, Chennai, India,	19 th -21 st Dec. 2009	Simplifying Six Sigma implementation using Shining tools in QMS/ISO certified environment	Paper presented and paper published in Proceedings
21	International Conference on Decision Making, I.I.T., Bombay, Mumbai, India	3 rd -5 th Jan. 2009	An Investigative Study of an Impact of Quality Management System Implementation on Key Technical-Decisions Made and their Implementation and their Effects on Productivity/Performance of Small and Medium Scale Engineering Industries (SMSEIs) in India	Paper presented and paper published in Proceedings
22	12 th Annual Conference of Society of Operations Management, I. I. T., Kanpur, India	19 th – 21 st Dec. 2008	Developing Integrated Model of Six-Sigma Methodology and Quality Management System for Improving Quality Productivity and Competitiveness	Paper presented and paper published in Proceedings
23	2 nd Int. Conf. on ILSCM 2008, P.S.G Tech, Coimbatore, India	7 th - 8 th Aug. 2008	An investigative study of an impact of QMS implementation on key technical decisions and its effects on productivity/performance of small and medium scale engineering industries (SMSEIs) in India	Paper presented and paper published in Proceedings (in CD form)
24	15 th ISME Intl. Conf. on Advances in Mechanical Engineering, R.G.T.U., Bhopal, India	18 th - 20 th Mar. 2008	An investigative study of the impact of QMS implementation on key technical decisions and its effects on productivity / performance of Indian industries	Paper presented and paper published in Proceedings
25	International Conf. on Advances in Manufacturing Engg.-2007, Manipal Institute of Tech., Manipal, Karnataka, India	24 th -26 th Oct. 2007	The Critical Review of Effect of Quality Management System Implementation on Performance of Small and Medium Scale Engineering Industries	Paper presented and paper published in Proceedings (in CD form)
26	International Conference on Advances in manufacturing and technology management, P.C.O.E., Mumbai, India	18 th -20 th Jan. 2007	A review of use of Artificial Neural Network used for Predicting Tribological Properties	
27	State Level Conference at D.C.O.E.R. Pune, MS, India	25 th - 26 th	Use of Lean SMED tool for improving Productivity	

		Mar. 2013		
28	National conference on Quality Engg., D.Y.C.O.E., Akurdi	4th - 6th Oct 2007	Advance Product Quality Planning (APQP): A Quality Framework for developing new products	Published in proceeding of National conference
29	National conference on Factory Automation, Robotics Computing, NIT, Warangal	18th-19th Jan. 2007	A review of machining performance evaluation of commercially available coatings on tungsten based cemented carbide tools	
30	National conference on B. A. I. T., Coimbatoure, T.N.	11-12 April 2006	Prediction of change in friction in diesel engine by using Shaining DOE Techniques	
31	National conference on Sun Raising Technologies by PCOE, Thane, Mumbai	18-19 Nov. 2005	An agent based computer approach for computer aided process planning	
32	1st national conference on recent development in Mechanical Engineering SVERI'S COE, Panntharapur	18-19 Nov. 2005	An agent based system approach for enhancing manufacturing product development	
33	National conference on Sun raising technology, PCOE, Thane, Mumbai	18-19 Nov. 2005	A genetic algorithm for conflict resolution in concurrent production development	
34	National conference on Technological Advancements in Mech. Engg. SIST, Hydrabad	2-3 Dec. 2005	Comparative analysis using analytical and finite element method of constant stress developed between two rolling discs	
35	National conference on recent trends in Mechanical Engg. SRESCOE, Kopargaon	23-24 July 2004	Sixsigma an application of statistical methods to business process for improving operating efficiencies – A case study	
36	National Conference on Global Technologies in Manufacturing and Thermal Sciences, SETNU Institute of Technology	9-10 July 2004	Face milling tool path generating of work part using unigraphics-CAM	

Dr. Gautam S. Chandekar

Sr. No.	Name of Journal/Magazine/Conference	Date	Paper Title	Remark (Paper presented / published / Attended)
1	Electronic Journal Of Boundary Elements, 5(2), (2007).	2007	"Green's Function Method for an Axisymmetric Void Between Parallel Walls."	Paper published 5(2), 2007

2	4th International Conference on Advances in Structural Engineering and Mechanics (ASEM'08)	2008	"Modeling of Hybrid Composites under Low Velocity Impact Loading"	International Conference Paper Presented
3	10th International LS-DYNA Users Conference, Impact Analysis,	2008	"Studies on Behavior of Carbon and Fiberglass Epoxy Composite Laminates under Low Velocity Impact Loading using LS-DYNA"	International Conference Paper Presented also published Pg. 9-43 to 9-54,
4	8th IEEE Conference on Nanotechnology, IEEE-NANO	2008	"Prediction of Material Properties of Single Walled Carbon Nanotube using MD Simulations"	International Conference Paper Presented also published Pg. 370 { 373, (2008)
5	ASME International Mechanical Engineering Congress and Exposition 2009	2009	"Effect of Sintering Temperature on Mechanical Properties of Electrospun Silica Nano bers"	ASME Proceedings Vol. 13, Part B, Pg. 1133 to 1138, (2009).
6	ASME International Mechanical Engineering Congress and Exposition 2009	2009	"Comparative Study of Di-erent Weave Architectures of Woven Textile Composites under Low Velocity Impact Loading"	ASME Proceedings Vol. 13, Part B, Pg. 1127 to 1131, (2009).
7	Advances in Mechanical Engineering	2010	On the Behavior of Fiberglass Epoxy Composites under Low Velocity Impact Loading	Vol. 2010, Article ID 621406, 11 pages, doi:10.1155/2010/621406
8	SAE International Technical Paper	2012	Numerical Model of Effect of Coolant Physical Properties on the Diesel Engine Liner Cavitation	doi:10.4271/2012-01-1682
9	Scientific World	2014	Experimental and Numerical	ID 325783, Page 14

	Journal		Investigations of Textile Hybrid Composites Subjected to Low Velocity Impact Loadings	
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Prof. P. S. Chaware

Sr.No	Name of Journal/ Magazine/ Conference	Date	Paper Title	Remark (Paper presented / published / Attended)
1	CITICOMS -2007 Coimbatore (Conference)	27 -28 August 2007	Comparison of turbulence Models and near wall treatments for the flow in a circular tube with the twisted tape insert	Paper Presented
2	FLUNT user conference, Bangalore	Nov 07 2007	Heat transfer Augmentation using twisted tape insert	Paper Presented
3	FMFP-2015	Dec-2015	Effect of Reynolds number and twist ration on the flow through pipe with twisted tape insert	Paper Presented

Prof. A. A. Bhosale

Sr.No	Name of Journal/ Magazine/ Conference	Date	Paper Title	Remark (Paper presented / published / Attended)
1	National Conference on Advance in Mechanical Engineering Hydrabad	2005	A modified approach in Precision manufacturing by abrasire flow Machining	Paper Presented
2	International Conference on “ Advances In Material Processing & Characterization (AMPC 2006) Chennai	2006	Vibration analysis of assembly by converting into simple spring mass system	Paper Presented
3	National Conference on	July 5 th 2006	Advances in Engineering & Inspection & Metrology	Attended

4	International Conference	2005 1 to 3 Oct	on "Advances in Materials Processing and Characterization	Attended
5	A Modified Approach in Precision Manufacturing by Abrasive Flow Machining	May, 2005	National conference on Advances in Mechanical Engineering (Hyderabad: Vasavi College of Engineering, Hyderabad, Andhra Pradesh, India., May, 2005). (with Vasudevan Hari, Rajendra Khavekar and Lakal Narendra).	Attended
6	International Journal of Biotechnology, Elsevier Publ.	2008	The life equation	VOL-136 Page-108-113, 2008
7	International Journal of Recent trends in Engineering	May 2009	Animal Life Expectancy on energy intake	Vol.1.No-6, pp 77-80, May 2009
8	IEEE transaction 2010. ISBN: 978-1-4244-6775-4, DOI10.1109 / ICBBT.2010.5478965	2010	Life Prediction equation for Human Beings	pp266-268, 2010
9	International Journal of Applied Mechanics and Materials, TT Publ.. Switzerland	2011	Self equation for predicating shelf life of an apple	Vol 52-54, pp 1936-1941, 2011
10	International Conference ICME 2011 Thiland	2011	Self equation for predicating shelf life of an apple	International Conference Paper Presented 3 rd & 4 th April 2011
11	International Conference ICMO-2013 Delhi	16-17 Sept 2013	Analysis of Lubricating oil Deterioration in Four Wheeler	International Conference Paper Presented also published in Advance Material Research

				Journal (ISSN 1022-6680)
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Prof. N. R. Patil

Sr.No	Name of Journal/ Magazine/ Conference	Date	Paper Title	Remark (Paper presented / published / Attended)
1	Advances in Mech .Engg2008, Manipal Inst of Tech(Karnatak)	28-31 October 2008	Condition Monitoring of Rolling Element bearings using CWT	Won the best paper Award

Prof. S. A. Kedar

Sr.No	Name of Journal/ Magazine/ Conference	Date	Paper Title	Remark (Paper presented / published / Attended)
1	Trends in Mechanical Engineering (Time 2010) A.G,Awate COE, Hadapsar	5 th March to 7 th March 2010	Energy Conservation Technology – Waste Heat Recovery	National Conference Paper Presented
2	International Conference ICMO-2013 Delhi	16-17 Sept 2013	Lateral Transfer Device for Hospital Stretcher	International Conference Paper Presented also published in Advance Material Research Journal (ISSN 1022-6680)
3	International Conference on Energy and Environment in JNTU Hyderabad	15-17 Dec 2014	Effect of hard water on the performance of Solar water heater tank.	International conference Paper Presented
4	International Conference of Advancements in Aeromechanical Materials for Manufacturing ICAAMM-2016	7th July 9th July 2016	Thermal Analysis of Solar Cooker with back relection.	International conference Paper Presented

	Hyderabad			
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Prof. H. M. Shinde

Sr. No.	Name of Journal/ Magazine/ Conference	Date	Paper Title	Remark (Paper presented / published / Attended)
1	International Conference ICMET	26 May 2012	Effect of change in compression ratio on performance & emission of diesel engine using fish oil bio diesel	International Conference Paper Presented and also published in International journal
2	National Conference "Emerging trends in Engineering, science , technology & management"	20 April 2012	Effect of change in compression ratio on performance of diesel engine using karanja oil bio diesel	National Conference Paper Presented

Prof. A. S. Shinde

Sr. No.	Name of Journal/ Magazine/ Conference	Date	Paper Title	Remark (Paper presented / published / Attended)
1	International Conference ICMET	16 June 2012	Fatigue Analysis of Crank Shaft Section under Bending with consideration of induction hardening.	International Conference Paper Presented and also published in International journal

Prof. N. R. Kolhalkar

Sr. No.	Name of Journal/ Magazine/ Conference	Date	Paper Title	Remark (Paper presented / published / Attended)
1	Conference "ICAME-	12 to 14 March 2012	"Safety analysis of loading Capacity of a wall climbing	International Conference

	2012”		robot with variation in distance of C.G from a wall”	Paper Presented
2	Journal of Engineering & Innovative Technology (IJEIT)	5 th May 2012	“Wall Climbing Robots: A Review”	International Journal Paper Published
3	Conference “RAM-2012”	27 th -29 th May 2012	Experimental investigation of lifting capacity of a wall climbing robot with variation in distance of Centre of Gravity from the wall and vacuum level	National Conference Paper Published

Prof. Y. S. Munde

Sr. No.	Name of Journal/ Magazine/ Conference	Date	Paper Title	Remark (Paper presented / published / Attended)
1	Macromolecular Symposia 361(1):123-128	March 2016	, Investigation on Impact Behavior of Rice Husk Impregnated Coir-Vinyl Ester Composites, .	Paper Published
2	Procedia Technology 19 (2015) 320 – 326	2015	Theoretical Modeling and Experimental Verification of Mechanical Properties of Natural Fiber Reinforced Thermoplastics	Paper Published
3	International Journal of Emerging Technology and Advanced Engineering (ISSN 2250-2459)	August 2012	Thermal analysis of feeder neck using FEM for a metal casting	--

4	International conference on functional materials for defense, ICFMD-2012 at Defense Institute of Advanced Technology (DIAT), Pune	18th to 20th May 2012	Analysis of multi-layered composite thin cylindrical tube	Paper presented
5	International conference on functional materials for defense, ICFMD-2012 at Defense Institute of Advanced Technology (DIAT), Pune	18th to 20th May 2012	Analysis of multi-layered hybrid composite cylindrical tube	Paper presented
6	International conference on advances in mechanical Engineering at SVNIT, Surat, Gujarat, India.	4 to 6th January 2010	Design and analysis of fiber reinforced composite laminates for optimum weight based on strength criteria	Paper presented
7	<i>Regional Research Conference Innovation 2014, BCUD, University Of Pune</i>	2 nd May 2014.	Experimental Investigation of biocomposite reinforced with natural fibers”.	Paper presented
8	<i>Regional Research Conference Innovation 2015, BCUD, University Of Pune.</i>	1 nd July 2015.	Experimental Investigation of biocomposite reinforced with natural fibers	Paper presented

Prof. M. A. Vahadne

Sr. No.	Name of Journal/ Magazine/ Conference	Date	Paper Title	Remark (Paper presented / published / Attended)
1	Sanjivani Technospire 2014-National conference on Emerging Trends in Engineering and	JAN-2014	Experimental Testing by Mechanical Drive 3D Turbula Shaker Mixer to	Paper presented

2	<p>Technology at SRES's COE, Kopargaon.</p> <p>(ICRAME 2015) G.H. Raisoni college of Engg. Wagholi-4122.7.</p>	2015	<p>Improve Homogeneity and Maintain Moisture ratio of Turmeric Powder and Sodium Sulphate Mixture.</p> <p>“Heat transfer & flow through rectangle duct”</p>	Paper presented
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