

	Shetkari Shikshan Prasarak Mandal's Jaywant College of Engineering and Polytechnic, K. M. Gad (Approved by AICTE, New Delhi, DTE, Govt. of Maharashtra, Affiliated to Shivaji University Kolhapur & BATU, Lonere)	
	Department of Mechanical Engineering	

Research Paper Publication Details

Details list of Research Paper Publications (National & International) and Conferences Attended ((National & International) of Mechanical Department Faculty Member's till date are as follows:

Sr. No.	Name of Faculty	Title of the Research Paper	Name of the Journal / Conference	Vol. No. / Issue No. and Year	Type of Paper Publication/s (NJ / NC / IJ / IC)
1	Prof. N. S. Pisal	Design and Development of Kitchen Waste Biogas	International Research Journal of Modernization in Engineering Technology and Science (IRJMETS)	Vol.2 No. Issue 4 April 2020	IJ
2	Prof. M. M. Kolekar	Design, Development and Analysis of slat conveyor for Bagasse Handling in Sugar Industry	International for Research Journal of Engineering and Technology (IRJET)	Vol.7 No. Issue 3 March 2020	IJ
3	Prof. N. S. Pisal	Design, Development and Analysis of slat conveyor for Bagasse Handling in Sugar Industry	International for Research Journal of Engineering and Technology (IRJET)	Vol.7 No. Issue 3 March 2020	IJ
4	Prof. N. S. Pisal	Contour Crafting (A Management tool for Swift Construction)	International Research Journal of Engineering and Technology (IRJET)	Volume: 06 Issue: 12 Dec 2019	IJ
5	Prof. N. S. Pisal	Design Development Analysis and Testing of Re-Usable Sacrificial Vehicle Crash Energy Absorber - Impact Damper	International Research Journal of Engineering and Technology (IRJET)	Volume: 06 Issue: 04 Apr 2019	IJ
6	Prof. N. S. Pisal	Non-linear Analysis by using C.A.E software for chain	International Journal of Advance Research in Science and engineering	Volume no. 7, Special Issue No. 3, February 2018	IJ
7	Prof. S. B. Pawar	Design & analysis of sandwich composite leaf spring for hmv	International Journal of Mechanical Engineering and Technology (IJMET)	Volume 8, Issue 9, September 2017, pp. 01-17	IJ
8	Prof. S. B. Pawar	A Review: Computer Aided Analysis for Weight Optimization of Leaf Spring Using Intermediate Layers of GFRP and CFRP	International Journal of Innovative Research in Technology (IJIRT)	Volume 4 ,Issue 1 ,Page(s):217-223 ,June 2017	IJ
9	Prof. R. V. Pethkar	Study of design and development of turmeric Processing unit: a review	International journal of innovations in engineering research and technology [ijiert]	Volume 4, issue 3, Mar.-2017	IJ
10	Prof. R. V. Pethkar	"study and analysis of steel wick structure in the heat pipes and its performance analysis for The heat pipe heat exchanger used in waste heat recovery",	Journal of emerging in mechanical Science and engineering	Volume - 5 special issue - i February 2015, issn no: 0976-2558	IJ



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Sr. No.	Name of Faculty	Title of the Research Paper	Name of the Journal / Conference	Vol. No. / Issue No. and Year	Type of Paper Publication/s (NJ / NC / IJ / IC)
11	Prof. R. V. Pethkar	"effect of Biodiesel on diesel engine performance, lubricants and emissions -a review"	International Journal of automobile engineering research and development (ijauerd)	Issn 2277-4785, vol. 3	IJ
12	Prof. R. V. Pethkar	Effect of Shielding gas mixture on weld bead formation in tungsten inert gas welding-a review	International journal of Emerging Technologies and Applications in Engineering, Technology and Sciences	Volume -5,issue-2 July12-December12, July 2012	IJ
13	Prof. R. V. Pethkar	"Effectiveness of waste Heat recovery through heat pipe model and its performance evaluation at industrial sector –a review	International journal of Emerging Technologies and Applications in Engineering, Technology and Sciences	Volume -5, issue-2 July12-December12, July 2012.	IJ
14	Prof. R. V. Pethkar	Recent advances in gearing Design-a review	International journal of Emerging Technologies and Applications in Engineering, Technology and Sciences	Volume -5, issue-2 July12-December12, July 2012.	IJ
15	Prof. S. H. Kalaskar	"Modeling maintance and repair costs using Stochastic Point Processes for life cycle costing of repairable systems", Special Issue: Managing Costs through Life,	International Journal of Computer Integrated Manufacturing, Taylor and Francis.	12-14 August 2011	IJ
16	Prof. S. H. Kalaskar	Experimental Determination of Mechanical Properties for glass fibre composite	International Journal of Engineering Innovation and research. (IJEIR) ISSN 2277 – 5668	02-Apr-11	IJ
17	Prof. S. H. Kalaskar	"Therotical Analysis of Energy Utilization Measures Through Energy Audit in Sugar Industry Power Plant", International conference on "Thermal Energy & Environment".	KLU, Tamilnadu, India.	23-25 March 2011	IC
18	Prof. S. H. Kalaskar	"Reliability Centered Maintenance", at National conference on "Emerging Trends In Mechanical Engineering".	Padmabhooshan Vasantdada Patil Institute of Technology, Budhgaon, Sangli.	05-Mar-11	NC
19	Prof. S. H. Kalaskar	"Performance Analysis of Domestic Refrigerator with Various Refrigerants", at National conference on "Emerging Trends In Mechanical".	Padmabhooshan Vasantdada Patil Institute of Technology, Budhgaon, Sangli	05-Mar-11	NC
20	Prof. R. V. Pethkar	Nanotechnology and its Applications	National conference on "Emerging Trends in Mechanical Engineering"	PVPIT, Budhgaon, Sangli on 5th March 2011	NC



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21	Prof. S. H. Kalaskar	"Nanotechnology and its applications-A review" Proceedings of the "International Journal of engineering technologies and applications in engineering technologies and sciences."	IJ-ETA-ETS	Oct-10	IJ
22	Prof. S. H. Kalaskar	"Application of advanced combined technology with mechanical and electronics systems" National conference on "Recent developments in mechanical engineering".	NCRDME 2010, Laxmi devi institute of engineering & technology, Alwar(Rajasthan).	29-30 Oct 2010	NC
23	Prof. R. V. Pethkar	Solar Desiccant Air cooling system	National Conference on "Advanced Trends In Mechanical Engineering"	PVPIT, Budhgaon, Sangli on 30 th MARCH 2010	NC
24	Prof. R. V. Pethkar	Utilization of Bio-Gas As an Alternative Fuel For Power Generation In Rural Area	International journal of Emerging Technologies and Applications in Engineering, Technology and Sciences	Volume -3, issue1 Jan'10-July'10, January 2010	IJ
25	Prof. R. V. Pethkar	Comparison of T.R of EM active Suspension	National conference on "Advanced Trends In Communication and Networks"	ADCET, Ashta on 15 th and 16 th January 2010	NC
26	Prof. R. V. Pethkar	Pollution Control	Emerging Trends in Automobile Industry	23 rd May and 24 th May 2009 at The Institution of Engineers (India) Pune local center, Pune	NJ
27	Prof. R. V. Pethkar	Automation in Refrigeration & Air conditioning for Energy conservation	National conference on "Recent Trends In Energy"	PVPIT, Budhgaon, Sangli on 20 th April 2009	NC

Staff Name	NJ	NC	IJ	IC
Prof. N. S. Pisal	-	-	5	-
Prof. M. M. Kolekar	-	-	1	-
Prof. R. V. Pethkar	1	3	7	-
Prof. S. H. Kalaskar	-	1	3	1
Prof. S. B. Pawar	-	-	2	-
Prof. S. A. Khalkar	-	-	-	-
Prof. S. S. Kadam	-	-	-	-
Prof. Mrs. Surekha Dalavi	-	-	-	-

Total Paper Publication's	19
Total Conferences Attended	5

Prepared By
(S. B. Pawar)

HOD
(Mechanical Department)
(Prof. R. V. Pethkar)