

Dr. VithalraoVikhe Patil College of Engineering, A'nagar
Index of Paper Publication of Faculty
Department Mechanical Engineering

Sr No	Name of Faculty	Authors	Title	Year	Journal name	Volume/issue no	Publisher	ISBN/ISSN
01	Dr. R. R. Navthar	Dr. R. R. Navthar	Stability analysis of Hydrodynamic journal bearings using stiffness Coefficients	Vol.2 Issue 2 Feb 2010.	International Journal of Engg Science and Technology	Vol.2 Issue 2 Feb 2010.	International Journal of Engg Science and Technology	ISSN:0975-5462
			Forced damped vibration : frequency response curve for steel and aluminum	Vol.3 Oct 2011	International journal of Engineering science and technology	Vol.3 Oct 2011	International journal of Engineering science and technology	ISSN:0975-5462
			Analysis of Oil film Thickness in Hydrodynamic journal bearing using Artificial Neural Networks	Vol. 3. No.12, Nov 2011	CiiT International journal of artificial intelligent system and machine learning,	Vol. 3. No.12, Nov 2011	CiiT International journal of artificial intelligent system and machine learning,	ISSN: 0974-9667
			Computational fluid dynamics: computer simulation	Vol.1 2011	ASME, Proceedings of International conference on computer technology and development- ICCTD 2011	Vol.1 2011	ASME, Proceedings of International conference on computer technology and development- ICCTD 2011	ISBN:9780791859919
			Industrial CO2 Reduction: Environmental View	Vol.1 2011	ASME, Proceedings of International conference on computer	Vol.1 2011	ASME, Proceedings of International conference on computer	ISBN:9780791859919

				technology and development- ICCTD 2011		technology and development- ICCTD 2011	
		Application of Artificial neural network in Pressure distribution analysis of Hydrodynamic journal bearings	Vol.1 2011	ASME, Proceedings of International Conference on Computer Technology and Development, 3rd (ICCTD 2011)	Vol.1 2011	ASME, Proceedings of International Conference on Computer Technology and Development, 3rd (ICCTD 2011)	ISBN: 9780791859919
		Pressure distribution analysis of hydrodynamic journal bearing using artificial neural networks	Vol.1 2012	ASME, Proceedings of International Conference on Computer and Automation Engineering, 4th (ICCAE 2012)	Vol.1 2012	ASME, Proceedings of International Conference on Computer and Automation Engineering, 4th (ICCAE 2012)	ISBN: 9780791859940
		Controlling co2 Emissions from power plants : A Environmental View	Vol.11 0-116 2012	Applied mechanics and material	Vol.110-116 2012	Applied mechanics and material	ISSN: 1662-7482
		Experimental investigation of oil film thickness for hydrodynamic journal bearing	Vol.11 0-116 2012	Applied mechanics and material	Vol.110-116 2012	Applied mechanics and material	ISSN: 1662-7482
		Management of non conventional energy resources	Vol. No. 5 2012	The international journal's research journal of commerce	Vol. No. 5 2012	The international journal's research journal of commerce	ISSN: 2251-1547
		Design and Analysis of Cylinder and Cylinder head of 4-stroke SI engine	Vol.4 No.03 Mar	International journal of Engg. Sciences &	Vol.4 No.03 Mar 2012	International journal of Engg. Sciences &	ISSN:0975-5462

			for weight reduction,	2012	technology.		technology.	
			CFD analysis of Francis turbine	Vol. 4 No.07 July 2012	International journal of Engg. Sciences & technology,	Vol. 4 No.07 July 2012	International journal of Engg. Sciences & technology,	ISSN:0975- 5462.
			System identification of hydrodynamic journal bearings using oil film thickness measurement	Vol 4, No.05 May 2012	CiiT International journal of artificial intelligent system and machine learning,	Vol 4, No.05 May 2012	CiiT International journal of artificial intelligent system and machine learning,	ISSN:0974- 9667.
			System identification of hydrodynamic journal bearings using oil pressure measurement	Vol. 4, No. 08. Aug 2012	CiiT International journal of artificial intelligent system and machine learning , Print	Vol. 4, No. 08. Aug 2012	CiiT International journal of artificial intelligent system and machine learning , Print	ISSN:0974- 9667.
			Analysis of condition in boundary lubrications using bearing material	Vol. 4 , Issue 14, July 2014	International journal of modern engg research	Vol. 4 , Issue 14, July 2014	International journal of modern engg research	ISSN: 2249- 6645.
			Design and implementation of Disc brake rotor by using modified shape	Vol. 2, Issue 3, March 2015	International journal of innovative science, Engg and Technology,	Vol. 2, Issue 3, March 2015	International journal of innovative science, Engg and Technology,	ISSN: 2348- 7968.
			Optimization of Disc Brake Rotor with Modified Shape	Vol.3 Issue.3, March 2015.	International Journal Of Research In Aeronautical And Mechanical	Vol.3 Issue.3, March 2015.	International Journal Of Research In Aeronautical And Mechanical Engineering	ISSN: 2321- 3051

			Engineering			
		Low profile tire impact on double wishbone suspension	Vol. 2 , <u>Dec 2015</u>	International journal of innovative Engg research and Technology,	Vol. 2 , <u>Dec 2015</u>	International journal of innovative Engg research and Technology, ISSN: 2394-3696.
		Performance Optimization of Tie rod using FEA	Volume 11, Issue 03 March 2015	International Journal of Engineering Research and Development	Volume 11, Issue 03 March 2015	International Journal of Engineering Research and Development ISSN: 2278-067X ISSN: 2278-800X
		Design and modification of rollers in tracks of surface drilling machines	Vol. 2 , 2015	International journal of innovative Engg research and Technology,	Vol. 2 , 2015	International journal of innovative Engg research and Technology, ISSN 2394-3696.
		Optimization of Suspension System for Whole Body Vibration	Vol.1, Issue 2, 2015.	International Engineering Research Journal,	Vol.1, Issue 2, 2015.	International Engineering Research Journal, ISSN 2395-1621
		Parametric investigation of single point incremental forming of commercial aluminium alloy	Vol. 2, 2015	International Journal of innovative Engineering Research and Technology,	Vol. 2, 2015	International Journal of innovative Engineering Research and Technology, ISSN , 2394-3696.
		Analysis and optimization of chain conveyor outer link	Vol. 4, Issue 8, Aug 2015	International journal of innovative science, Engg. and Technology,	Vol. 4, Issue 8, Aug 2015	International journal of innovative science, Engg. and Technology, ISSN 2319-8753
		Double wishbone suspension analysis for elastic centre, castor trial and standard kinematic analysis	Vol.3, No.12, Dec 2015	in International journal of research in advent Technology,	Vol.3, No.12, Dec 2015	in International journal of research in advent Technology, ISSN, 2321-9637

			Vibration measurement and noise control in planetary gear train	Special Issue 2, Nov 2015	International journal of innovative science, Engg and Technology	Special Issue 2, Nov 2015	International journal of innovative science, Engg and Technology	ISSN 2395-1621
			Tribological Investigation and Development of Brass composite Bearing Material	Vol.5, No.2 April 2015	International Journal of Current Engineering and Technology	Vol.5, No.2 April 2015	International Journal of Current Engineering and Technology	ISSN 2277 – 4106, ISSN 2347 – 5161
			Roller chain conveyor link failure Analysis & optimization	Special Issue 2 Nov 2015	International Engineering Research Journal (IERJ)	Special Issue 2 Nov 2015	International Engineering Research Journal (IERJ)	ISSN 2395-1621
			Computational Fracture Mechanics of Cold Rolled Mild Steel by C	Special Issue 2, Nov. 2015,	International Engineering Research Journal (IERJ)	Special Issue 2, Nov. 2015,	International Engineering Research Journal (IERJ)	ISSN 2395-1621
			An Overview on Vibration Analysis Techniques used for the Fault Diagnosis of Rolling Element Bearing	V-5 No.1 Feb. 2016	Special Issue on International Journal on Theoretical and Applied Research in Mechanical Engineering	V-5 No.1 Feb. 2016	Special Issue on International Journal on Theoretical and Applied Research in Mechanical Engineering	ISSN : 2319-3182,
			Digital Image Correlation Technique for Strain Measurement of Aluminum Plate	Vol.39, Issue 6, Sep 2016.	International Journal of Engineering Trends and Technology,	Vol.39, Issue 6, Sep 2016.	International Journal of Engineering Trends and Technology,	ISSN 2231-5381
			Digital Image Correlation Technique for Strain Measurement of Aluminum Plate	Vol.8, Issue 9, 2016.	CiiT International Journal of Digital Image Processing	Vol.8, Issue 9, 2016.	CiiT International Journal of Digital Image Processing	ISSN: 0974 – 9586
			Experimental And	Volume 4, Issue	International Journal For	Volume 4, Issue 1,	International Journal For	ISSN : 2347 – 4718

			Numerical Studies On Single Point Incremental Forming Of Commercial Aluminium	1, September-2016	Technological Research In Engineering	September-2016	Technological Research In Engineering	
			Vibration Analysis and Fault Diagnosis of Induction Motor Bearing Using Artificial Neural Network (ANN)	Volume 2 Issue 5, Sep – Oct 2016	International Journal of Engineering and Techniques -	Volume 2 Issue 5, Sep – Oct 2016	International Journal of Engineering and Techniques -	ISSN: 2395-1303
			Optimization of Process parameters of Friction Stir Welding for Similar HE-30 Aluminum Alloy	Vol.4, Issue 7, 2017	International Research Journal of Engineering and Technology	Vol.4, Issue 7, 2017	International Research Journal of Engineering and Technology	ISSN 2395-0056
			To Analyze the Effect of Silicon Carbide and Carbon Nanotubes on Wear Behaviour of Aluminum	Vol.3, Issue 5, 2017.	International Journal of Advance Research And Innovative Ideas in Education	Vol.3, Issue 5, 2017.	International Journal of Advance Research And Innovative Ideas in Education	ISSN 2395-4396
			Application of Digital Image Correlation for Curved Surfaces to determine Deformation	Vol.3, Issue 5, 2017.	International Journal of Advance Research And Innovative Ideas In Education,	Vol.3, Issue 5, 2017.	International Journal of Advance Research And Innovative Ideas In Education,	ISSN 2395-4396
			Investigation of Weld Strength for Different Weld Conditions Using Design of Experiment and Experimentation”	Volume 4, Issue 7, July -2017	International Journal of Advance Research in Engineering, Science & Technology	Volume 4, Issue 7, July -2017	International Journal of Advance Research in Engineering, Science & Technology	ISSN: 2393-9877, ISSN: 2394-2444

			Tribological Investigation and development of Tin based Babbit Composite material	Volume : 05 Issue: 07 July 2017	International Research Journal of Engineering and Technology	Volume: 05 Issue: 07 July 2017	International Research Journal of Engineering and Technology	ISSN: 2395-0056 ISSN: 2395-0072
			Design and Validation of Involute Spur Gear with Asymmetric Teeth to Improve Bending Load Carrying Capacity	Vol. 5, Issue 3, Sep. 2017,	International Journal of Thesis Projects and Dissertations (IJTPD)	Vol. 5, Issue 3, Sep. 2017,	International Journal of Thesis Projects and Dissertations (IJTPD)	--
			Wear Rate Analysis and investigation of alternating material for Food Mixer Bushing	Volume : 04 Issue: 09 Sep -2017	International Research Journal of Engineering and Technology	Volume: 04 Issue: 09 Sep -2017	International Research Journal of Engineering and Technology	ISSN: 2395-0056 ISSN: 2395-0072
			Performance analysis of heat pump by retrofitting of HFC refrigerants	Volume 3; Special Issue 2; March 2018	International Journal of Academic Research and Development	Volume 3; Special Issue 2; March 2018	International Journal of Academic Research and Development	ISSN: 2455-4197
			Optimization of tilting angle of parabolic solar dish for effective steam generation	Volume 3; Special Issue 2; March 2018;	International Journal of Academic Research and Development	Volume 3; Special Issue 2; March 2018;	International Journal of Academic Research and Development	ISSN: 2455-4197
			Experimental investigation on enhancing the engine performance by preheating the air in SI engine	Volume 3; Special Issue 2; March 2018;	International Journal of Academic Research and Development	Volume 3; Special Issue 2; March 2018;	International Journal of Academic Research and Development	ISSN: 2455-4197
			Experimental analysis of heat transfer performance of wavy fin heat sink with	Volume 3; Special	International Journal of Academic	Volume 3; Special Issue 2;	International Journal of Academic	ISSN: 2455-4197

			different orientation	Issue 2; March 2018	Research and Development	March 2018	Research and Development	
			Analyzing The Wear Rate Of Bearing Material By Using Composites	Volume : 05 Issue: 08 Aug 2018	International Research Journal of Engineering and Technology	Volume: 05 Issue: 08 Aug 2018	International Research Journal of Engineering and Technology	ISSN: 2395-0056 ISSN: 2395-0072
			Tribological Behaviour of silicon nitride on addition of hexagonal boron nitride	Volume : 05 Issue: 08 Aug 2018	International Research Journal of Engineering and Technology	Volume: 05 Issue: 08 Aug 2018	International Research Journal of Engineering and Technology	ISSN: 2395-0056 ISSN: 2395-0072
			Topology Optimization of Arms and Hinges of a Combat Vehicle Using FEA†	2019	MECHPGCON 2019		MECHPGCON 2019	
			Experimental Investigation on Heat Transfer Enhancement in Hydraulic System by Finned Tube Heat Exchanger	2020	International Journal of Advanced Research in Science & Technology (IJARST)	Volume 7, Issue 2, July 2020	(IJARST)	ISSN (Online) 2581-9429
			Wear Particle Analysis Using Ferrography	2019	International Engineering Research Journal (IERJ)	Volume 3 Issue 3	International Engineering Research Journal (IERJ)	ISSN 2395-1621
			Performance analysis of single slope solar still with improved design	2020	International Journal of Ambient Energy	DOI: 10.1080/01430750.2020.1722227	Taylor & Francis Group	ISSN: 0143-0750
			Review on the types of solar stills	2020	International Journal of Ambient Energy	https://doi.org/10.1080/01430750.2019.1707114	Taylor & Francis Group	ISSN: 0143-0750 (Print) 2162-8246 (Online) J
			Effect of the pin	Jan	Proceedings of	Internationa		pp. 979–991

			temperature and SiC reinforcement on dry sliding tribological behavior of aluminium based silicon carbide metal matrix composite (Al-SiC) using Taguchi approach	2023	the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology	1 https://doi.org/10.1177/13506501221147367		Volume 237 Issue 4 □ Offline ISSN: 1350-6501 □ Online ISSN: 2041-305X
			Multi-objective optimization and experimental investigation of quarter car suspension system	May 2023	International Journal of Dynamics and Control Volume	International https://doi.org/10.1007/s40435-023-01262-x		12,Page No-1222-1238 ISSN:2195-2698(Online) ISSN:2195-268X(Offline)
			An Experimental Study of Magnetic Abrasive Finishing Process Using DC Magnetic Field	4 April 2023	Industrial Engineering Journal	Vol 16 Issue 4		ISSN: 0970-2555
			Suggestion of correlations to obtain shell and tubeside Nusselt numbers in coiled heat exchangers	March 2024	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences		International Journal	PgNo-201-222 ISSN-2383-368
			Experimental heat transfer analysis of helical coiled tubes on the basis of variation in curvature ratio and geometry	March 2024	Journal of Heat and Mass Transfer Research		International Journal	PgNo89-108 ISSN <u>2345-508X</u> (Offline) Online ISSN
			Experimental investigation of thermal performance of	Mar-24	International Conference on Advanced		International Conference	ISBN:978-81-969383-0-

			helical cone coil heat exchanger		Technology and Adoption Methods in Science and Engineering			7(Online)
			A Comprehensive Review on Laser Bending of Advanced Materials	June 2024	Lasers in Manufacturing and Materials Processing	Volume 11, Page no- 814-852	Springer	ISSN-2196-7237(Online) ISSN(Offline) https://doi.org/10.1007/s40516-024-00261-w
			An integral augmented sliding mode controller: the experimental application to level control plant	2 July 2024	International Journal of Automation and Control	Page no- 385-407	Inderscience	https://doi.org/10.1504/IJAAC.2024.139432 ISSN (print): 1740-7516•ISSN (online): 1740-7524
02	Dr. S. M. Magar	Magar S M, Waghmare R S	Comparative Experimental Analysis of Straight and Conical Coil Heat Exchange	2017	Global Research and Development Journal for Engineering (National journal)	Volume 2, Issue 7	Global Research and Development Journal for Engineering	ISSN: 2455-5703
		Magar S.M., Ghanegaonkar P.M., Kachare A.R	Study of effect of yield strength and drawing ratio over major and minor strain distribution in deep drawing process using finite element analysis and experimentation	2015	National Conference on RECENT ADVANCES MECHANICAL ENGINEERING, RAME	Pages 1-7	PDVVPCOE	
		Magar S M, More S K	Design and Fabrication of Tractor Rear Loader for	June 2016	PG Conference	Pages 1-7		

			Constructional Applications					
		Magar S.M., Ghanegaonkar P.M	Experimental and theoretical heat transfer analysis of helical coil heat exchangers with varying curvature ratio	2017	National Conference on recent advances mechanical engineering, RAME		PDVVP COE	
		Shinde S, Magar S M	Performance Analysis of composite material mono leaf spring	2015	International conference ICTRPCS-2015	Pg No 1-6	G NH Rasoni	
		Magar S.M. More Sagar Kailas	Stiffening arrangement optimization for rectangular surface condensers by parametric fem approach	2015	International Journal of Innovations in Engineering, Research and Technology	December – 2015	ICITDCEME	ISSN 2394-3696
		Magar S M, Khire M.Y	Deep drawing of cup shaped steel components: finite element analysis & experimental validation	2010	International journal of emerging technologies		International journal of emerging technologies	ISSN:0975-8364
		Magar S M, Khire M.Y	The experiment and finite element analysis of deep drawing of cup without flange	2010	International journal of emerging technologies & application in engineering	Vol-4; Issue 1	International journal of emerging technologies & application in engineering	ISSN:0974-3588
		Magar S M, Khire M.Y, Ghanegaonkar P.M, Kachare A R	Studies on deep drawing of steel cups for variation of yield strength and drawing ratio using FEA	Jan-2013	International journal of emerging technologies & application in engineering, Technologies and sciences	Vol-4 Issue-1	International journal of emerging technologies & application in engineering, Technologies and sciences	ISSN No-2230-7680
		Magar S M, Ugalmugale D S,	Topology Optimization of Arms & Hinges of a Combat Vehicle using	May 2020	PG Conference, SPPU			Pages 1-7

		Navthar R R, Patel N R	FEA					
		Magar Sushel Madhavrao, Gugliani Gaurav Kumar, Navthar Ravindra Rambhau	Suggestion of correlations to obtain shell and tube side Nusselt numbers in coiled heat exchangers	March 2024	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences		International Journal	PgNo-201-222 ISSN-2383-368
		Magar Sushel Madhavrao, Gugliani Gaurav Kumar, Navthar Ravindra Rambhau	Experimental heat transfer analysis of helical coiled tubes on the basis of variation in curvature ratio and geometry	March 2024	Journal of Heat and Mass Transfer Research		International Journal	PgNo89-108 ISSN 2345-508X(Offline) Online ISSN
		Magar Sushel Madhavrao, Gugliani Gaurav Kumar, Navthar Ravindra Rambhau	Experimental investigation of thermal performance of helicalconecoil heat exchanger	Mar-24	International Conference on Advanced Technology and Adoption Methods in Science and Engineering		International Conference	ISBN:978-81-969383-0-7(Online)
		Susheel Madhavrao Magar , Bharat	Experimental investigation of friction factors and correlation development for shell and conical coil	Sept 2025	Heat and Mass Transfer	61/97	Springer	https://doi.org/10.1007/s00231-025-03620-1

		Trimbak Tagad ,Gaurav Gugliani	heat exchangers					
03	Dr. R. E. Kalhapure	Rajendra E. Kalhapure, Ravi Kumar Sangewar, Ravindra R. Navthar	‘Development of Magnetic Abrasive Finishing Process on Machine Tool’	17-18 March 2023	National Conference on emerging trends in Science, Technology & Management (NCETSTM)		Mandsaur University Mandsaur MP India.	
		Rajendra E. Kalhapure, Ravi Kumar Sangewar, Ravindra R. Navthar	‘An experimental study of Magnetic Abrasive Finishing process using DC magnetic Field’	17-18 March 2023	National Conference on emerging trends in Science, Technology & Management (NCETSTM)		Mandsaur University Mandsaur MP India.	
		Rajendra E. Kalhapure Ravi Kumar Sangewar Ravindra R. Navthar	An Experimental Study of Magnetic Abrasive Finishing Process Using DC Magnetic Field	4 April 2023	Industrial Engineering Journal	Vol 16 Issue 4		ISSN: 0970-2555
		Rajendra E. Kalhapure, Gaurav Kumar Gugliani, Ravindra R. Navthar	‘An Experimental Study of Magnetic Abrasive Finishing Process’	22&23 March 2024	International Conference on Advanced Technology and Adoption Methods in Science and Engineering, (ICATAMSE-2024) ISBN: 978-81-969383-0-7		Shree Ramchandra College of Engineering, Pune India	
		Rajendra E. Kalhapure, Gaurav	‘Surface Roughness Improvement of Bearing Steel SAE 52100 on	17&18 Dec. 2024	Fourth International		Academy of Nanotechnology and Waste Water	

		Kumar Gugliani, Ravindra R. Navthar, Prashant N. Nagare	Magnetic Abrasive Finishing Process Setup using Aluminium Oxide Abrasive- an Experimental Approach'		Conference on Advances in Materials Studies 2024 (ICAMS2024)		Innovations, South Africa, Tech. Research and Innovation Centre, Pune, Dept. of Mech. Engg, Dr. V. V. P. COE, A'nagar, India,	
		Rajendra E. Kalhapure, Gaurav Kumar Gugliani, Ravindra R. Navthar, Prashant N. Nagare	Experimental Analysis for the Surface Roughness Improvement of Bearing Steel SAE 52100 Using Magnetic Abrasive Finishing Process	January 2025	SSRG International Journal of Mechanical Engineering,	Volume 12 Issue 1, January 2025	Seventh Sense Research Group @ Scopus	https://doi.org/10.14445/23488360 / IJME-V12I1P105 © 2025
		Rajendra E. Kalhapure, Mayank Shekhar, Ravindra R. Navthar, Prashant N. Nagare	'An Investigation of the Effects of Magnetic Abrasive Finishing on the Surface Roughness of SAE 52100 Steel Using a Hemisphere Pole Geometry Electromagnet'	April 2025	SSRG International Journal of Mechanical Engineering,	Volume 12 Issue 4, April 2025	Seventh Sense Research Group @ Scopus	https://doi.org/10.14445/23488360/IJME-V12I4P102
04	Dr. P. A. Narwade	P. A. Narwade, H.R. Srirangarajan	Use of Hook and Maxwell Dynamic Vibration Absorber for Machine operating at two frequencies	2011	International Conference on Mechanical and Electrical Technology (ICMET-China 2011)	Vol.-1 Issue-03	ASME	DOI: 10.1115/1.859810.paper166
		P. A. Narwade, R.R. Navthar	Forced Damped Vibrations : Frequency Response Curve for steel and Aluminum Bars	2011	International Journal of Engineering Science and Technology	Vol.-3 Issue-10	IJEST	0975-5462

	P. A. Narwade, R.R.Navthar	Design and analysis of Cylinder and Cylinder head of 4-stroke SI Engine for weight reduction	2012	International Journal of Engineering Science and Technology	Vol-4 Issue-03	IJEST	847-853
	P. A. Narwade, H.A.Khande	Structural analysis of two wheeler handlebar	2014	International Journal of TECHNOLOGY Enhancements and Emerging Engineering Research	Vol.-2 Issue-7	IJTEEER	2347-4289
	P. A. Narwade, Kaveri Kadam	Tribological Investigation of Ferodo Lining Material Embedded with Copper and SiC particles For Clutch plate	2016	International Engineering Research Journal		IERJ	1810-1816
	P. A. Narwade, Kaveri Kadam	Optimization of Input Process Parameters for Ferodo Friction Linings Embedded with Cu and SiC for Clutch	2016	International Journal of Engineering Trends and Technology	Vol-39 Issue-4	IJETT	2231-5381
	P. A. Narwade, Subhash Khamkar	Design and Durability Testing of Composite Mono Leaf Spring	2016	International Journal of Engineering Research	Vol-5 Issue-5	IJER	2319-6890
	P. A. Narwade, M.P.Nagarkar, P.Y.Mhaske	Stiffness Analysis of passenger car tire using Nitrogen	2016	International Journal of Scientific and Research Publications	Vol-6 Issue-1	IJSR Publications	2250-3153
	P. A. Narwade, C.R.Shah, P.Y.Mhaske	Experimental Determination of Tire Stiffness using Nitrogen	2016	Journal of Experimental & Applied Mechanics	Vol-7 Issue-3	STM Journals	2230-9845
	P. A. Narwade,	An RSM approach to maximize fundamental	2017	Journal of Advanced	Vol-35 Issue-1	JARAM	2289-7895

	Supriya Deshmukh	frequency of e-glass poxy composite panels		Research in Applied Mechanics			
	P. A. Narwade, S.R. Asude	Buckling Analysis of Tie rod of a Tractor and its optimization	2017	International Journal of Advance Research and Innovative Ideas in Education	Vol-3 Issue-6	IJARIE	2395-4396
	P. A. Narwade, Mayur Gite	Pressure Distribution and Load Carrying Capacity of Journal Bearing by using Bio Oil	2017	International Research Journal of Engineering and Technology	Vol-4 Issue-7	IRJET	2395-0056
	P. A. Narwade, Amit Gund	Slope Stabilization using EPS Geofoam	2019	International Conference on Recent Trends in Mechanical Engineering		PREC, Loni	
	P. A. Narwade, Viraj Suryawanshi, Nilesh Wakade	Design and Development of Punching Machine	2019	International Research Journal of Engineering and Technology	Vol-5 Issue-10	IRJET	2395-0056
	P. A. Narwade, Khwaja Javeed	Optimization of Vehicle Mono Leaf Spring by using Composite Carbon Fibre Material	2019	International Journal for Science and Advance Research In Technology	Vol-5 Issue-10	IJSART	2395-1052
	P.A. Narwade, Khemnar Valmik	Experimental Investigation of Wear Rate of PTFE Composites Filled with Carbon Fiber, Mos2, Bronze Reinforcement	2020	International Research Journal of Engineering and Technology	Vol-7 Issue-7	IRJET	1246-1253

	Ms. Prachi Pagare, P. A. Narwade	Experimental and FE Analysis of modified 3D printed front collision bumper with Hexagonal Honeycomb structure	2020	International Journal of Scientific Research and Engineering Development	Vol.-06, Issue-05	IJSRED	2581-7175
	Ms. Prachi Pagare, P. A. Narwade	Flexural strength FE analysis of hexagonal honeycomb structure using 3D printing	2020	International Journal for Research in Engineering Application & Management	Vol.-06, Issue-05	IJREAM	2454-9150
	P. A. Narwade, Ajinkya Joshi	Experimental Testing of Magneto Rheological based Automotive semi-active Suspension system	2020	International Journal for Research in Engineering Application & Management	Vol.-06, Issue-03	IJREAM	2454-9150
	P. A. Narwade, Dr. Ravindra Deshmukh	Modeling and Simulation of a Semi-active Vehicle Suspension system using PID Controller	2020	IOP Conference Series: Materials Science and Engineering	1004(2020)	IOP Publishing	doi:10.1088/1757-899X/1004/1/012003
	P. A. Narwade, Dr. Ravindra Deshmukh	A Review on Sedimentation of Magnetorheological (MR) fluid	2020	International Journal of Future Generation Communication and Networking	Vol 13, No.3s	SRES	1312-1320
	Tushar Shivaji Dhamane1 , Prof. Prashant A. Narwade2	Experimental Investigation of Particle Damper Based System Implemented on Vibration Reduction of Extension Housing for Printed Circuit Board	2021	International Journal of All Research Education and Scientific Methods	Volu-9, Issue 7	IJARESM	ISSN: 2455-6211
	Prof P A Narwade	“Force Transmissibility Analysis of a Magneto-rheological Damper”	2-4 feb 2023	“Recent Advances in Materials,		Department of Mechanical Engineering,	

					Manufacturing and Machine Learning (RAMMML-2023)”		Yeshwantrao Chavan College of Engineering, Nagpur, Technically sponsored by NPTC Group of Colleges, United Kingdom	
		Prashant Narwade , Ravindra Deshmukh , Mahesh Nagarkar , Manoj Wagh	Experimental study and rheology of magneto-rheological fluid for a suspension system	3 march 2023	Materials Today.		Elsevier	https://doi.org/10.1016/j.matpr.2023.02.219
		Prashant Narwade , Ravindra Deshmukh , Manoj Wagh	Synthesis and experimental investigation of Magneto-rheological (MR) fluid for damper	17 aug 2023	10 Th International Conference On Recent Trends In Mechanical Engineering		API(scopus)	https://doi.org/10.1063/5.0157075
		J. Jeremy Jeba Samuel, J. Aldrinraj, Prashant Narwade, S. Joe Patrick Gnanaraj and R. Ramadoss	Eco-friendly Hybrid Composites: Sustainable Reinforcement of Carbon Fiber and Rubber for Green Engineering Applications	30 dec 2025	Journal of Environmental Nanotechnology	Volume 14, No 4 (2025) pp. 35-46	Institute for Environmental Nanotechnology	https://doi.org/10.13074/jent.2025.12.2511242
05	Prof. Mrs. C.R. Shah	C R Shah	Application of mems for investigation of slip effects on the performance of micro gas bearing and stability of micro rotor bearing system.	2008	PICETe 2008			
		C R Shah	Review of radial pulse	2015	RAME		DVVP Coe	

			diagnosis Techniques					
		P. A. Narwade, C.R.Shah, P.Y.Mhaske	Experimental Determination of Tire Stiffness using Nitrogen	2016	Journal of Experimental & Applied Mechanics	Vol-7 Issue-3	STM Journals	2230-9845
		Kale Kishor Bhaskar, Dengale S S, Prof C R Shah	Design of Radial Pulse Detector	2017	International Research Journal of Engineering and Technology (IRJET)	4/12	International Research Journal of Engineering and Technology	2395 - 0072
06	Prof. B. T. Tagad	B.Tagad, R.S.Waghmare, L.P.bharule, S.R.Khisti, P.B.patil	A review on gasification process and gasifier	2019	IJSRD	Vol 7, Issue 8	IJSRD	ISSN (online): 2321-0613
		Bharat Tagad Rajesh Waghmare Susheel Magar	Comparative Numerical Analysis of Straight and Conical Coil Heat Exchanger	2017	Global Research and Development Journal for Engineering	2/11	GRD	ISSN:2455-5703
		Bharat Tagad	Design & Implementation Of Roots Blower As A Supercharger In Two Wheeler Four Stroke Engine	2016	National Conference on Recent Advances in Mechanical Engineering	1/25	RAME 2016	-----
		Bharat Tagad	Experimental analysis Of Helical Coil Heat Exchanger For Different Cross-Sectional Coil Geometry	2015	National Conference on Recent Advances in Mechanical Engineering	Paper ID:HP10	RAME 2017	Paper ID:HP10
		Dr. Susheel Madhavrao Magar, Bharat Trimbak	Experimental investigation of friction factors and correlation development for shell and conical coil heat exchangers	Oct 2025	Heat and Mass Transfer		Springer Nature-SCI	10.100 7/s00231-025-03620-1

		Tagad, Gaura v Gugliani						
		Dr. Yogesh S Pathare, Mr.Ganesh B Murade, Mr. Bharat T Tagad	Vibration Analysis Of Prosthetic Knees Implant Using Catia Modelling And Fem Approach	June 2025	Journal For Basic Sciences	25/5 152- 179 1006- 8341		https://fzgxjckx.com/wp-content/uploads/2025/05/11-JBS4989.pdf
07	Prof. A. D. Kachare	Amit D. Kachare A.D.Dongare R.R. Kharde	Introduction to Artificial Neural Network	July 2012	International Journal of Engineering and Innovative Technology (IJEIT)	Volume 2, Issue 1	International Journal of Engineering and Innovative Technology (IJEIT)	ISSN:2277- 3754
		Amit D. Kachare A.D.Dongare	Predictive Tool: An Artificial Neural Network	July 2012	International Journal of Engineering and Innovative Technology (IJEIT)	Volume 2, Issue 1	International Journal of Engineering and Innovative Technology (IJEIT)	ISSN:2277- 3754
		Amit D. Kachare Mandar M. Bidwe	Design of Safety Rear Impact Guard For Heavy Duty Vehicle	Septem ber 2019	International Journal of Engineering Applied Sciences and Technology (IJEAST)	Volume 4, Issue5	International Journal of Engineering Applied Sciences and Technology (IJEAST)	ISSN:2455- 2143
		Amit Kachare	Design and Fabrication of digital Spring Testing Machine	2019	Journal Of Modern Mechanical Systems and Machining	Vol-2/issue 2	MANTECH PUBLICATIONS	Pg 8-19
		Amit Kachare	CFD Analysis of Anticorrosive Heat Exchanger:A review	June 2022	International conferenceon recent trendsand advancement in science,technol ogy,commerenc		Sanjivani,Koperga on	

					and management			
		Amit Kachare	Real Time Control of Bottle filling and capping system	Sept 2022	International conference		IBMRD	
8	Prof. D. B. Thange	D. B. Thange R. A. Kandake Geetanjali N. Harishchandre	Optimization and Experimental Validation of Air Ventilation Nozzle using MATLAB	2019	International Research Journal of Engineering and Technology	Vo. 6 Is. 1	IRJET	2395-0056
9	Dr. K. M. Markad	Prof K M Markad	Optimization of thin walled composite beam	2015	RAME National conference 2015	Paper ID:DE13	DVVPCOE	Paper ID:DE13
		Prof V P Patekar Prof K M Markad	A Review :- Carbon Nanotubes: Properties and Viscosity of Nanofluids	Nov 2016	International Journal on Recent Technologies In Mechanical and Electrical Engineering	3/11	International Journal on Recent Technologies In Mechanical and Electrical Engineering	2349-7947
		Achchhe Lal* and Kanif Markad	Deflection and stress behaviour of multi-walled carbon nanotube reinforced laminated composite beams	2018	Technopress Publication	22	Technopress Publication	DOI: https://doi.org/10.12989/cac.2018.22.6.000
		Achchhe Lal* and Kanif Markad	Mechanically Induced Buckling Analysis Of Cnt Reinforced Laminated Composite Plate	2018	International Journal of Mechanical and Production Engineering	6/7	International Journal of Mechanical and Production Engineering	2320-2092
		Achchhe Lal* and Kanif Markad	Thermo-Mechanical Post Buckling Analysis of Multiwall Carbon Nanotube-Reinforced Composite Laminated	2019	Curved and Layered Structures	6/1	Curved and Layered Structures	.doi.org/10.1515/cls-2019-0018

		Beam under Elastic Foundation					
	Achchhe Lal* and Kanif Markad	Stochastic mixed mode stress intensity factor of center cracks FGM plates using XFEM	2019	International Journal of Computational Materials Science and Engineering	Vol. 8, No. 3 (2019) 1950009	International Journal of Computational Materials Science and Engineering	DOI: 10.1142/S204768411950009X
	Achchhe Lal* and Kanif Markad	Static buckling analysis of shape memory alloy reinforced composite laminated plate	June 2020	IOP Conference Series Materials Science and Engineering		IOP Conference Series Materials Science and Engineering	DOI: 10.1088/1757-899X/814/1/012009
	Achchhe Lal* and Kanif Markad	Nonlinear flexural analysis of sandwich beam with multi walled carbon nanotube reinforced composite sheet under thermo-mechanical loading	April 2020	Curved and Layered Structures		Curved and Layered Structures	DOI: 10.1515/cls-2020-0001
	Achchhe Lal, Kanif Markad	Influence of dynamic temperature variation and inplane varying loads over post-buckling and free vibration analysis of sandwich composite beam	2020	International Journal of Computational Materials Science and Engineering	9/3	International Journal of Computational Materials Science and Engineering	2050012-101 https://ui.adsabs.harvard.edu/link_gateway/2020IJCMS...950012L/doi:10.1142/S2047684120500128
	Achchhe Lal and Kanif Markad	Cumulative post-buckling behavior of smart sandwich structure	Nov 2020	IOP Conference Series Materials Science and Engineering	1017	IOP Publishing	doi:10.1088/1757-899X/1017/1/012020

		Achchhe Lal and KanifMarkad	Post-buckling analysis of the shape memory polymer sandwich composite beam under dynamic temperature variation	Dec 2020	IOP Conference Series Materials Science and Engineering		IOP Conference Series Materials Science and Engineering	DOI: 10.1088/1757-899X/1004/1/012020
		Achchhe Lal and Kanif Markad	Thermal post buckling analysis of smart SMA hybrid sandwich composite plate	March 2021	Polymers and Polymer Composites		Polymers and Polymer Composites	DOI: 10.1177/09673911211001276
		Achchhe Lal, Anant Parghi, Kanif Markad	Post-buckling nonlinear analysis of sandwich laminated composite plate	January 2021	Materialstoday	44	Elsevier	https://doi.org/10.1016/j.matpr.2020.12.088
		Kanif M. Markad and Nilesh Tiwari	Study of Temperature Variation over Shape Memory Polymer Hybrid Composite under Transverse Loading	Oct 2022	IntechOpen		Soft Robotics - Recent Advances and Applications	10.5772/intechopen.107988
		Kanif M. Markad, Vivek Das, Achchhe Lal	Deflection and stress analysis of piezoelectric laminated composite plate under variable polynomial transverse loading	25 August 2022	AIP Advances	12/8	AIP Publishing SCI	doi: 10.1063/5.0104568
		Markad Kanif M , Vaghela Manoj , Khubi Lal Khatri , Patekar Vivek	Flexural failure analysis of laminated composite plate under polynomial loading	Dec 2022	GIS SCIENCE JOURNAL	VOLUME 9, ISSUE 12, 2022		ISSN NO : 1869-9391
		Kale K Markad K,	Structural analysis of Nano-filler based	July 2023	Journal of Aeronautical	43/2	Transstellar SCOPUS	

		Patekar V	Structural Composite		Materials			
		Khubi Lal Khatri, Markad K	Stochastic Fracture Behavior Analysis of Infinite Plates with a Separate Crack and a Hole under Tensile Loading	July 2023	Computers and Concrete, An International Journal	32/1	Techno-Press SCI	https://doi.org/10.12989/cac.2023.32.1.099
		M B Vaghela 1 , Markad Kanif M	XFEM Analysis and Apply Stochastic Approach to Bimaterial Interfacial Crack with Void-Inclusion	2023	Compliance Engineering Journal	14/1	UGC Care	ISSN No: 0898-3577
		VP Patekar K M Markad	Experimental and numerical investigation of nanomaterial-based structural composite	12 March 2024	Curved and Layered Structures		International Journal	ISSN:2353 - 7396(Online)
		Markad K et al.	Wear Behavior of SiC Reinforced AZ31B Magnesium Alloy Surface Composites Fabricated by Friction Stir International	Sept 2025	Journal of Alloys and Metallurgical Systems (SCOPUS)	2949-9178	https://doi.org/10.1016/j.jalms.2025.100207	
		Markad K et al.	Effect of Tool Geometry and Process Parameters on the Mechanical and Microstructural Properties of AZ31B-SiC Composite	June 2025	Journal of Environmental Sciences (SCOPUS)	1735-1472	https://doi.org/10.64252/4mqtvh66	
		Dr K M Markad	Static response of laminated plate using new parabolic higher order shear deformation theory: A finite element approach	March 2025	Journal of Computational Applied Mechanics (ESCI IF:1.5)		10.22059/jcamech.2024.377272.111	ESCI & Scopus
		Kohak P.,	Advancements and	Nov	Recent		Springer Nature	DOI:

		Markad K. M, Lal A.	Challenges in Multi-material Additive Manufacturing (MMAM) with Machine Learning Integration	2025	advances in material and manufacturing science			10.1007/978-981-95-0063-5	
10	Prof. V .P. Patekar	Prof V P Patekar Prof R B Patil	Vibrational Analysis of Automotive Exhaust Silencer Based on FEM and FFT Analyzer	March 2012	International Journal on Emerging Technologies	3/2	International Journal on Emerging Technologies	2249-3255	
		Prof V P Patekar Prof R B Patil	Theoretical Vibrational Analysis of Automotive Exhaust Silencer	April 2013	International Journal on Emerging Technologies	4/1	International Journal on Emerging Technologies	2249-3255	
		Prof V P Patekar Prof K M Markad	A Review :- Carbon Nanotubes: Properties and Viscosity of Nanofluids	Nov 2016	International Journal on Recent Technologies In Mechanical and Electrical Engineering	3/11	International Journal on Recent Technologies In Mechanical and Electrical Engineering	2349-7947	
		Prof Patekar V P Prof Kohak P G Prof Kandake R A Prof Ghorpade D S	A Review on Design and Fabrication of Solar Roadways	09/09/2019	International Research Journal of Engineering and Technology	6/9	International Research Journal of Engineering and Technology	2395-0056	
		Prof Patekar V P Prof Khemnar V H Prof Aher A S Prof Ghorpade D	Optimization on Austenitic Stainless Steel Rod 317L of the Cylindrical Grinding Parameter by Taguchi Method	13/06/2019	Global Journal of Engineering Science and Researches		Global Journal of Engineering Science and Researches	2348-8034	

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		Vivek Patekar, Kishor Kale	State of the art review on mechanical properties of sandwich composite structures	August 2022	Polymer composite	<u>DOI: 10.1002/pc.26989</u>	Wiley-sci	
		Markad Kanif M, Vaghela Manoj, Khubi Lal Khatri, Patekar Vivek	Flexural failure analysis of laminated composite plate under polynomial loading	Dec 2022	GIS SCIENCE JOURNAL	VOLUME 9, ISSUE 12, 2022		ISSN NO : 1869-9391
		Patekar Vivek*, Kale Kishor, Markad Kanif	Experimental investigation of nano material based structural composite	09-10 May 2023	3 rd International Conference on Advances in Materials-2024		Technology research and innovation Centre, Pune	
		Kale K, Markad K, Patekar V	Structural analysis of Nano-filler based Structural Composite	July 2023	Journal of Aeronautical Materials	43/2	Transstellar SCOPUS	
		VP Patekar, K M Markad	Experimental and numerical investigation of nanomaterial-based structural composite	12 March 2024	Curved and Layered Structures		International Journal-scopus	ISSN:2353 - 7396(Online)
		Markad Kanif, Patekar Vivek*	Experimental investigation of modified polymer matrix reinforced with multiwalled nanofillers	17-18 Dec 2024	4 th International Conference on Advances in Materials-2024		Technology research and innovation Centre, Pune	
11	Prof. D. K. Nannaware	Prof.D. K. Nannaware, Prof. R RKharde	Design and optimization of roller conveyor system	July 2014	International Engineering Research Journal	5/7	International Engineering Research Journal	2229-5518
		Prof. D. K. Nannaware, Prof. K. S.	Modified Parkinson gear tester	April 2017	International Engineering Research	3/4	International Engineering Research Journal	2395-1052

		Kadam			Journal			
		Prof. D. K. Nannaware Prof. K. S. Kadam	Modified Parkinson gear tester	2017	MantechPublication	2/1	International Engineering Research Journal	362/383
		Prof. D K Nannaware AvdhootMurugkar	Fabrication of metal chips briquetting Machine	May 2018	International Engineering Research Journal	2/3	International Engineering Research Journal	2581-3048
		Dattatraya Karbhari Nannaware and Vijay S. Gadakh	Joining of Dissimilar Metals Using Friction Welding Process: A Review	17-18 dec 2024	Fourth international conference on advances in material studies		Academy of Nanotechnology and Waste Water Innovations ,South Africa, Tech. Research and Innovation Centre, Pune,Dept.ofMech . Engg, Dr. V. V. P.COE,A'nagar,India,	
		D K Nannaware	Joining of pure tungsten and EN8 material using rotary friction welding	8 & 9 Sept 2025	4 th International Conference on Friction-Based Processes 2025			
12	Prof. M. M. Bidwe	M.M.Bidwe	Setup time reduction through smed technique in a stamping production line	2017	RAME		DVVP COE	Pg19
		M.M.Bidwe	Lean Manufacturing and six sigma in Tandem as a solution to complex management panorama	2019	International Conference INCON-XIV			978-93888441-42-1
		M.M.Bidwe A.D.Kachare	Design of Safety Rear Impact guard heavy duty vehicle	2019	International Journal of Engineering and Technology			2455-2143
		M MBidwe		March	Int.J.Vehicle	Vol.9	Inderscience	10.1504/I

			Lithium-ion battery:areview	2024	Information and Common System,Vol.9 ,N o.2,2024 ,	No.2 135-163 1741-8208	Enterprises Ltd.-Scopus	JVICS.2 024.1378 54
		Bidwe Mandar Maruti Kulkarni Swanad G.	Critical review on effective utilization of 5R technique in life cycle management of lithium ion battery	Oct 2024	Latin American applied research journal	54/4	Scopus	https://doi.org/10.52292/j.laar.2024.3268
		M.M.Bidwe Dr.S.G.Kulkarni	Lithium-ion battery: A state of art of review	20/12/2022 – 22/12/2022	Int Conference PREC,Loni			
		Bidwe Mandar Maruti Kulkarni Swanad G.	Product life cycle analysis and assessment of lithium-ion battery for prioritizing the factors of effective 5R: Case study	Jun2 2025	Journal of Energy Storage	Vol.120 2352-152X	ELSEVIER-SCI	doi.org/10.1016/j.est.2025.116469
13	Prof. A. V. Suryavanshi	Prof. A. V. Suryavanshi	Improving quality and productivity in switchgear tank welding through poka yoke and waste elimination in robotic welding shop	2017	RAME		DVVPCOE AHMEDNAGAR	Pg 20
		Prof. A. V. Suryavanshi	Design and Fabrication of Automatic Clamping Fixture for Seamless Tube Swaging Machine	2018	International Journal of Research in Engineering, Science and Management	Volume-1, Issue-10, October-2018	International Journal of Research in Engineering, Science and Management	2581-5782
		Mr. Swapnil Kordel	Review Paper on Experimental and FEA	June 2020	International Journal for	Volume 8 Issue VI	(IJRASET)	ISSN: 2321-9653;

		, Prof. Anil V. Suryawanshi	Analysis of Weight Optimization of Existing Tyre Bracket Mounting		Research in Applied Science & Engineering Technology	June 2020-		
		Mr. Swapnil D. Korde, Prof. Anil V. Suryavanshi	Experimental and FEA analysis of weight optimization of existing tyre bracket mounting	May 2020	International Journal for Research in Engineering Application & Management	Vol 6, Issue 2	IJREAM	2454-9150
14	Prof. S R Tambe	Gadhe Supriya	Effect of kevlar pump filler on tribological properties of pmc material	2015	RAME	Paper ID: DE08	DVVP COE Ahmednagar	Paper ID: DE08
		Gadhe Supriya, Ravindra N avthar	Digital Image Correlation Techniques For strain measurement Of Aluminium Plate	2016	CiiT	8/9		0974 – 9586
		Gadhe Supriya, Ravindra N avthar	Digital Image Correlation Techniques For strain measurement Of Aluminium Plate	2016	International Journal of Engineering Trends & Technology	39/6	International Journal of Engineering Trends & Technology	2231-5381
		Gadhe Supriya	Digital Image Correlation Techniques For strain measurement Of Aluminium Plate	2017	RAME		DVVP COE Ahmednagar	PG No7
		Gadhe Supriya, Prasad Rasal	Conversion of Plastic Waste To Energy: Pyrolysis	2019	International Research Journal of Engineering and Technology	6/12	International Research Journal of Engineering and Technology	2395-0072
		Gadhe S S	Design and manufacturing of Compound die	2021	International Research Journal of Engineering and Technology	08 Issue: 07 July 2021	International Research Journal of Engineering and Technology	e-ISSN: 2395-0056
		Tambe	A review on application of	Sept	International		IBMRD	

		Supriya	machine learning in fused deposition modeling	2022	conference			
		Tambe Supriya Ravindra, Navthar Ravindra Rambhau	A Review on Application of Machine Learning in Fused Deposition Modeling	9-10 May 2023	Third International Conference on Advances in Materials Science 2023		Technology Research and Innovation Centre, India and hosted by the Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar, India	
		Tambe Supriya & Ravindra Navthar	Review on chiral structure and application of Machine learning in chiral structure analysis	17-18 dec 2024	Fourth international conference on advances in material studies		Academy of Nanotechnology and Waste Water Innovations, South Africa, Tech. Research and Innovation Centre, Pune, Dept. of Mech. Engg, Dr. V. V. P. COE, A'nagar, India,	
15	Prof. Miss. K. S. Kadam	Miss Kaveri. S. Kadam, Prof. Prashant A. Narwade	Optimization of Input Process Parameters for Ferodo Friction Linings Embedded with Cu and SiC for Clutch	2016	International Journal of Engineering Trends and Technology (Researchgate)	39/4	SSRG	ISSN:2231-5381
		Miss Kaveri. S. Kadam, Prof. Prashant A. Narwade	Tribological Investigation of Ferodo Lining Material Embedded with Copper and SiC particles For Clutch plate	2016	International Engineering Research Journal	--	MECH-PGCON, Pune	ISSN:2295-1691
		Miss Kaveri. S. Kadam, Prof.	Modified Parkinson's Gear Tester	2017	International Journal for Science and	3/4	IJSART	ISSN [ONLINE]: 2395-1052

		Dattatraya K. Nannaware			Advance Research In Technology			
		Miss Kaveri. S. Kadam, Prof. Dattatraya K. Nannaware	Modified Parkinson's Gear Tester	2017	Journal of Product Design, Quality Engineering & Technology	2/1	MANTECH Publications	--
		Miss Kaveri. S. Kadam, RakechaVrus habh Kumar, RakshasBhu wankarShard ul	Modification on Cold Draw Bench	2019	International Journal of Research in Engineering, Science and Management	2/3	IJRESM	ISSN (Online): 2581-5792
		Prof. Kaveri.S Kadam 1, Mr. Nikhil.S. Sambhar2, Ms. Namrata.M.	Design and Analysis of E-Scooter Chassis Frame	June 2020	International Research Journal of Engineering and Technology	Volume: 07 Issue: 06	International Research Journal of Engineering and Technology	ISSN: 2395-0072
		Kaveri S. Kadam	Development of an Electric Scooter for power regeneration and biometric safety	Aug 2021	9thNational Conference [Virtual] on RecentDevelop mentInMechani calEngineering	Paper id A-84	M.E.S. College of Engineering, Pune01	Pg 45
			Effect of Graphene Reinforcement on Microstructure and Mechanical Properties of Zn-Mg-Zr Composit	17-18 dec 2024	Fourth international conference on advances in material studies		Academy of Nanotechnology and Waste Water Innovations, South Africa, Tech.Resea rch andInnovationCent re, Pune,Dept.ofMech	

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		Kaveri Kadam ,Vijay Gadakh	Recent Advancement in bioabsorbable Metals and Their Alloys for Implant Application-A Review	Dec 2024	Journal of the Institution of Engineers			https://doi.org/10.1007/s40033-024-00849-8
		Kaveri Kadam ,Vijay Gadakh	Yttrium's role in advancing Zn-3Mg-0.5Zr composite: A spark plasma sintering approach over pure Zn	12-13 Sept 2025	“International Conference on Sustainable Mechanical Engineering and Design (ICSMED 2025)”			Pimpri Chinchwad College of Engineering & Research, Ravet
		K S kadam ,V S Gadakh	Microstructural Evolution and Mechanical Performance of Y-doped Zn-3Mg-0.5Zr Composites for Biodegradation	1 Dec 2025	The Journal of The Minerals, Metals & Materials Society (TMS)		Springer	https://link.springer.com/article/10.1007/s11837-025-07936-5
16	Dr Y. S. Pathare	Prof Y S Pathare	Productivity Improvement through multicavity extrusion die manufacturing	2019	International Research Journal of Engineering and Technology	XI/II	IRJET	ISSN NO.:2395-0056
		Prof Y S Pathare	Finite element analysis of CFRP Compositematerial machining	2018	International Research Journal of Engineering and Technology	V/I	IRJET	ISSN NO.:2395-0056
		Prof Y S Pathare	Condition Monitoring of Ball Bearing using Vibration Analysis and feature Extraction	2016	International Research Journal of Engineering and Technology	III/II	IRJET	ISSN NO.:2395-0056

		Y S Pathare	Vibration Analysis Of Prosthetic Knees Implant Using Fem Approach	Aug 2021	Journal of Aeronautical Materials		International Journal	pp.188-202 ISSN1005-5053(Offline)
		Yogesh Sanjay Pathare, Prof. Dr. Manish Billore	The Design and Analysis of the Knee Cap Model using FEA	May 2022	International Journal of Mechanical Engineering	Vol-7, Issue-8, April-	Kalahari Journals-Scopus	https://www.scopus.com/sourceid/21101016918
		Yogesh Sanjay Pathare, Prof. Dr. Manish Billore	Vibration analysis of Prosthetic Knee Implant Using FEM Approach	2023	Journal of Aeronautical Materials	Vol. 43, Issue-02,	Chinese-Scopus	https://www.hkclxb.cn/article/view/2023/2-770.html
		Y S Pathare	Measurement of Postural Sway with "Sitting Sway Measurement Device"	July 2023	Journal Of Engineering, Computing & Architecture		International Journal	PgNo-106-109 ISSN 1934-7197(Online)
		Dr. Yogesh S Pathare, Mr. Ganesh B Murade, Mr. Bharat T Tagad	Vibration Analysis Of Prosthetic Knees Implant Using Catia Modelling And Fem Approach	June 2025	Journal For Basic Sciences	25/5 152-179 1006-8341		https://fzgxjckxb.com/wp-content/uploads/2025/05/11-JBS4989.pdf
17	Prof. P. G. Kohak	P G Kohak	A Review on Design and Fabrication of Solar Roadways	09/09/2019	International Research Journal of Engineering and Technology	6/9	International Research Journal of Engineering and Technology	2395-0056
		P G Kohak	Optimization Of Process Parameter Of Friction Stir Welding For Similar He-30 Aluminum Alloy F	Vol.4, Issue 7, 2017	International Research Journal of Engineering and Technology	Vol.4, Issue 7, 2017	International Research Journal of Engineering and Technology	ISSN 2395-0056

		P G Kohak	Intelligent reverse braking system	July 2021	IJSART			2395-1052
		Kohak P., Markad K. M, Lal A.	Advancements and Challenges in Multi-material Additive Manufacturing (MMAM) with Machine Learning Integration	2025-26	Recent advances in material and manufacturing science		Springer Nature	DOI: 10.1007/978-981-95-0063-5
18	Prof. S. K. Kadu	S K Kadu, M S Mhaske	Experimental investigation of damping force of twin tube shock absorber	2014	International journal of engg research and applications	4/9	International journal of engg research and applications	2248-9622
		S K Kadu, AgajRushikesh	Multipurpose Agricultural Machine	2019	International Journal for Scientific Research & Development	7/2	International Journal for Scientific Research & Development	2321-0613
		S K Kadu, Kuskar Shubham	A Review on Remote Control Muffler for Two Wheeler	2019	International Research Journal of Engineering and Management Studies	3/2	International Research Journal of Engineering and Management Studies	2395-0126
		S K Kadu	Advancements in thermal management of polymer composites and sandwich structures: Insights and innovations	Feb 2026	Sigma Journal of Engineering and Natural Sciences	Vol. 44, No. 1, pp. 1–27	Yıldız Technical University Press, İstanbul, Turkey	
19	Prof. R. A. Kandake	R. A. Kandake, Dr. S. S. Mohite	An Experimental Method for Identification of Stability Lobe Diagram using Vibration Signal Analysis for Chatter free Milling	2015	5 th National Conference on “Recent Advances in Manufacturing (RAM-2015)”	1	Sardar Vallabhbhai National Institute of Technology, Surat	978-93-5212-649-1
		R. A.	Optimization and	2019	International	06/01	International	2395-0056

		Kandake, D. B. Thange, Geetanjali N. Harishchandre	Experimental Validation of Air Ventilation Nozzle using MATLAB		Research Journal of Engineering and Technology		Research Journal of Engineering and Technology	
		Kohak P. G., Kandake R. A., Patekar V. P., Ghorpade D. S.	A Review on Design and Fabrication of a Solar Roadways	2019	International Research Journal of Engineering and Technology	06/09	International Research Journal of Engineering and Technology	2395-0056
		Ghorpade D. S Kohak P. G., Kandake R. A., Patekar V. P.,	A Review on Design and Fabrication of a Solar Roadways	2019	International Research Journal of Engineering and Technology	Volume 6, Issue 9	International Research Journal of Engineering and Technology	ISSN 2395-0056
20	Dr. A. S. Aher	Amrut Sahebrao Aher Sanjay B Belkar	Review On Optimization of The Parameter In Cylindrical Grinding Of Austenitic Stainless Steel Rod (AISI 317 l) by Taguchi method.	Dec 2015	International Journal of Innovations In Engineering, Research andTechnology		Novateur Publication's	ISSN 2394-3696
		Amrut S Aher S. B. Belkar Sandip K Kadu Sunil B. Kharde	Optimization on austenitic stainless steel rod 317 l of the Cylindrical grinding parameter f by taguchi method	Jan 2018	Advance Design and Optimization Techniques in Engineering Applications		IJA-ERA	ISSN 2454-2377 ISBN 978-93-5291-276-6
		AmrutSahebraoAher KhemnarVijaykumarHaus habapu GhorpadeDatatraySopan PatekarVivek	Optimization on austenitic stainless steel rod 317 l of the Cylindrical grinding parameter f by taguchi method	2019	Global journal of engineering science and researches		GJESR	ISSN 2348 – 8034

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		Khemnar Vijaykumar Hausha bapu Amrut Sahebrao Aher GhorpadeDat tatraySopan PatekarVivek Popat	Preparation Method of Carbon Composite Specimens for Various Capability Tests	April 2019	Journal of Emerging Technologies and Innovative Research (JETIR)	Volume 6, Issue 4	JETIR	ISSN-2349-5162
		Khan NabeelAhmed z , Amrut S Aher ,	A Review on Optimization of Process Parameter in Cylindrical Grinding of Austenitic Stainless Steel Rod (AISI 316 L) by Taguchi Method	2020	International Journal of Future Generation Communication and Networking	Vol. 13, No. 3s, (2020),	International Journal of Future Generation Communication and Networking	ISSN: 2233-7857
		Amrut S. Aher and Vijay Kumar Pandey	Insight on the Effect of Nanoparticles addition in Oil Lubrication: A Review	17 Sept 2023	Tribology in Industry	Vol. 45, No. 3	Faculty of Engineering(scopus)	ISSN: 0354 - 8996 / 221 7-7965 DOI: 10.24874/ti .1437.01.2 3 .05
		Amrut S. Aher and Vijay Kumar Pandey	Experimental investigation of tribological property enrichment of mineral oil with addition of nanoparticles additives	Oct 2024	International Journal of Surface Engineering	18/4	Inderscience	https://doi.org/10.1504/IJSURFS E.2024.142 237
		Kishor Deshmukh, Amrut Aher, Vipin Sharma	The role of machine learning in optimizing nanofluid-driven solar thermal technologies: a state-of-the-art review	July 2025	Journal of the Brazilian Society of Mechanical Sciences and Engineering,	Vol-47, Issue-9, SCI	Springer Berlin Heidelberg	https://doi.org/10.1007/s40430-025-05758-9

		Amrut Sahebrao Aher, Vijay Kumar Pandey	“Inspecting the impact of nanoparticles on engine oil”	2nd and 3rd November 2023	National Conference	-	Recent Advancement in Materials and Manufacturing (RAMM-2023) at CIPET Bhubaneswar	
		Amrut Sahebrao Aher, Vijay Kumar Pandey	“Experimental study of tribological properties for improvement of engine oil by adding nanoparticles”	22-24 December, 2023	International conference		Recent Trends in Environment & Sustainable Development (RTESD 2023) at Vivekananda Global University, Jaipur	
		Amrut Sahebrao Aher, Vijay Kumar Pandey	“Tribological behavior of engine lubricating oil with inclusion of nanoparticle additives”	20-21 September 2024	International Conference		“Smart Materials, Automation and Sustainability (SMAS-2024) at Vivekananda Global University, Jaipur in collaboration with the National Institute of Technology, Uttarakhand.	
		Amrut Sahebrao Aher, Vijay Kumar Pandey, Kanif M Markad, Sandip K Kadu, Vivek Patekar.	“Tribological performance of engine lubricating oil SAE 15W40”	11-12 April 2025	National Conference		Recent Trends in Engineering and Technology PRECCON-2025	

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21	Dr Vandana Dhawane	Vandana Dhawane, Rajankumar Bichkar	Load Frequency Control Optimization using PSO based Integral Controller	March 2020	International Journal of Recent Technology and Engineering	Vol-8, Issue-6	Blue Eyes Intelligence Engineering and Sciences Publication	ISSN-2277-3878
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