

## Details of Faculty Publication in Journal and Conferences

Sr. No.	Name of Faculty	Title of Paper	Journal/Conference	National/International	Title of Journal/Conference	Year
1.	<b>Dr. Nehe P.B.</b>	Numerical Analysis Of Lifted Spray Flames In Various Coflow Conditions.	Journal	International	Combustion Science and Technology	2019
2.	<b>Prof. Varade B. V.</b>	A Review On Brake Pad Friction Material.	Conference	International	International Conference on Recent Trends in Mechanical Engineering - 2019	2019
3.	<b>Prof. Varade B. V.</b>	A Review On Tribological Properties Of Aluminium Hybrid Metal Matrix Composite	Conference	International	International Conference on Recent Trends in Mechanical Engineering - 2019	2019
4.	<b>Prof. Kokate Y. D.</b>	Investigation Of Particle Size Effect On Thermal Conductivity Enhancement Of Distilled Water-Al <sub>2</sub> O <sub>3</sub> Nanofluids.	Conference	International	Twelve International Conference on Thermal Engineering: Theory and Applications	2019
5.	<b>Prof. Varade B. V.</b>	Vibration Analysis Of Peristaltic Pump Using FEA And Fft Analyzer	Conference	International	6th International Conference on Recent Trends in engineering & Technology - 2018	2018

6.	<b>Prof. Varade B. V.</b>	Correlating Failure Mode Effective Analysis (Fmea) & Overall Equipment Effectiveness (Oee)	Journal	International	International Journal for Research in Engineering Application & Management	2018
7.	<b>Prof. Fanisam M.BN.</b>	Advances In Propulsion Technology Effects On Missile	Journal	International	IJRSR	2018
8.	<b>Prof. Fanisam M.BN.</b>	Composite Material And Nanomaterials On Stealth Technology	Journal	International	IJRSR	2018
9.	<b>Prof. D. B. Zoman</b>	“Performance Analysis Of Composite C Shape Leaf Spring With Steel Leaf Spring.”	Journal	International	IJARIE	2017
10.	<b>Prof. D. B. Zoman</b>	Comparative Analysis Of Composite Material Based On Stress And Vibration By Using Experimental Approach.	Journal	International	International Journal of Engineering and Technology IRJET	2017
11.	<b>Prof. Fanisam M.BN.</b>	Recent Advancements In Vehicle Safety Systems	Journal	International	IJRSR	2017

12.	<b>Prof. Fanisam M.BN.</b>	Reverse Engineering On Two Wheeler Brake Rod	Journal	International	IJRSR	2017
13.	<b>Prof. Chaudhari D. S.</b>	International Conference On Ideas, Impact & Innovations In Mechanical Engineering	Conference	International	Exprerimental Invistigation of Mechanical Properties of Glass and Jute reinforced composite	2017
14.	<b>Prof. Kale V. C.</b>	A Study Of Effect Of Ultrafine Grain Refinement On Mechanical Properties Of Non Heat Tratable Alloys	Journal	International	International Journal of Innovative Science,Engineering and TEchnology	2017
15.	<b>Dr. Nehe P.B.</b>	Characteristics Of Hydrogen Produced By Methanol Reformation In Compact Whirling Orbital Plate Fluidized Bed Reactor	Conference	International	11th Asia-Pacific Conference on Combustion, The University of Sydney, NSW Australia	2017
16.	<b>Prof. Deshpande S. P.</b>	Optimization of process parameters for milling of Al6061-T6 using AHP, RSM and Jaya algorithm	Journal	International	International Journal of Emerging Technology and Advanced Engineering	2017
17.	<b>Prof. Pawar R. S.</b>	Vibrational Analysis Of Cracked Cantilever Beam Subjected To Harmonic	Journal	International	IJITEE	2016

		Excitation With Nonlinear Parameters				
18.	<b>Prof. Pawar R. S.</b>	Modal Analysis O F Cracked Beams Using Ansys	Journal	International	IJTARME	2016
19.	<b>Prof. Pawar R. S.</b>	"Comparative Study Of Vibration Isolators Using Parameter Transmissibility"	Journal	International	IJRSE	2016
20.	<b>Prof. Pawar R. S.</b>	"Comparative Study Of Vibration Isolators Using Parameter Transmissibility"	Conference	International	IJRSE	2016
21.	<b>Prof. Pawar R. S.</b>	"Comparative Study Of Vibration Isolators Using Parameter Absorptivity"	Journal	International	IJRSE	2016
22.	<b>Prof. Pawar R. S.</b>	"Experimental Study Of A Exhaust Pipe Using Fem And Fft Analyzer"	Journal	International	International Journal of Innovative Research in Science, Engineering and Technology	2016
23.	<b>Prof. Varade B. V.</b>	Springback Prediction And Its Influencing Parameters - Review	Journal	International	International Journal of Scientific Research in Science, Engineering and Technology	2016
24.	<b>Prof. Varade B. V.</b>	Optimization Of Design Parameter & Vibration	Journal	International	International Journal for Research and Development in Technology	2016

		Analysis Of Peristaltic Pump				
25.	<b>Prof. Varade B. V.</b>	Determination Of Damping Coefficient Of Engine Oil By Adding Viscosity Index Improver	Journal	International	International Journal of Innovative Science, Engineering & Technology	2016
26.	<b>Prof. Varade B. V.</b>	Design And Annalysis Of Combi-Switch Bracket	Journal	International	International Journal of Innovative research in Science and Engineering	2016
27.	<b>Prof. Varade B. V.</b>	An Overview Of Vibrational Analysis Of Peristaltic Pump	Journal	International	International Journal of Recent Trends in Engineering & Research	2016
28.	<b>Prof. D. B. Zoman</b>	Study Of Laminated Composite Beam By Using Classical Laminated Theory.	Journal	International	International Journal of Science & Management (AJSTM)	2016
29.	<b>Prof. D. B. Zoman</b>	Static And Fatigue Analysis Of Leaf Spring As A Review.”	Journal	International	International Conference on Emerging Trends in Engineering and Management Research	2016
30.	<b>Prof. D. B. Zoman</b>	Performance Analysis Of Steel Leaf Spring With Crack.	Journal	International	International Journal of Modern Trends in Engineering	2016
31.	<b>Prof. D. B. Zoman</b>	Analysis Of Stresses In Wheel Rim By Using Dynamic Cornering Fatigue	Conference	International	ICRTME	2016

		Test				
32.	<b>Prof. D. B. Zoman</b>	Tribological Performance Analysis Of Composite Materials For Journal Bearing	Journal	International	International Journal of Modern Trends in Engineering and Research (IJMTER)	2016
33.	<b>Prof. Chaudhari D. S.</b>	International Conference On Advancements In Aeromechanical Materials For Manufacturing	Conference	International	Utilizing flow simulation in the design phase of a casting die to optimize design parameters and defect analysis	2016
34.	<b>Prof. Chaudhari D. S.</b>	International Conference On Emerging Trends In Engineering And Technology	Conference	International	Experimental study of a exhaust pipe using FEM and FFT analyzer.	2016
35.	<b>Prof. Chaudhari D. S.</b>	5th International Conference On Recent Trends In Engineering & Technology(Icrtet-2016) April 28 To 30th,2016	Conference	International	Transmission Noise and Gear Eattle in Automotive Driveline	2016
36.	<b>Prof. Chaudhari D. S.</b>	International Conference On Recent Trends In Mechanical Engineering For	Conference	International	Natural fibres as reinforcement in composite material- A review	2016

		Substainable Growth				
37.	<b>Prof. Kale V. C.</b>	Impact Of Alluminium Alloy And Microstructure On Engineering Property Review.	Journal	International	IOSR Journal of Mechanical and Civil Engineering	2016
38.	<b>Dr. Nehe P.B.</b>	Performance Enhancement Of Wall-Coated Plate Type Reformer Using A Single Channel With Cavities	Journal	International	International Energy Journal	2016
39.	<b>Prof. Deshpande S. P.</b>	PROCESS PARAMETERS OPTIMIZATION OF CNC TURNING MACHINE FOR ALUMINIUM ALLOY USING TAGUCHI METHOD	Journal	International	International Journal of Research in Engineering and Technology	2016
40.	<b>Prof. Deshpande S. P.</b>	Teaching learning based optimization algorithm to solve assembly line balancing problem	Journal	International	International Journal of Current Engineering and Technology	2016
41.	<b>Prof. Deshpande S. P.</b>	Magnetic Mould Casting: Methodology and Comparison with Traditional Sand Casting Process	Journal	International	International Advanced Research Journal in Science, Engineering and Technology	2016
42.	<b>Prof. Deshpande S. P.</b>	Optimization of Scorpio front suspension (W105) assembly line by using ECRS Principles	Journal	International	International Advanced Research Journal in Science, Engineering and Technology	2016

43.	<b>Prof. Deshpande S. P.</b>	A review on Different techniques to solve assembly line balancing problems	Conference	International	International conference on Global Trends in Engineering, Technology and Mgmt.	2016
44.	<b>Prof. Deshpande S. P.</b>	Vibration damping in boring tool using mixed particles: A review	Conference	International	International conference on Recent trends in mechanical engineering for sustainable growth	2016
45.	<b>Prof. Pawar R. S.</b>	An Overview Of Vibration Analysis Of Cracked Cantilever Beam With Non-Linear Parameters And Harmonic Excitations	Journal	International	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2015
46.	<b>Prof. Dawange S. V.</b>	A Review Paper Onvibration Analysis Of Di Engine	Journal	International	IJSR	2015
47.	<b>Prof. Dawange S. V.</b>	Vibration Analysis Of Diesel Engine With Three And Four Speed Gear Box And Condition Monitoring	Journal	International	IERJ	2015
48.	<b>Prof. Varade B. V.</b>	Design And Analysis Of Fixture For A Stone Crusher Body	Journal	International	International Journal of Research in Engineering and Technology	2015
49.	<b>Prof. D. B. Zoman</b>	Analysis Of Composite	Journal	International	International Journal of Modern Trends in	2015



		Journal Bearing.”			Engineering and Research	
50.	<b>Prof. D. B. Zoman</b>	Spring Operated High Velocity Toggle Switch For Earthing.	Journal	International	International Journal Of Engineering, Education And Technology (ARDIJEET)	2015
51.	<b>Prof. Chintamani L. B.</b>	Experimental Analysis Of Ice Plant Usingeg-Water Based Nanofluids( $Al_2O_3$ ) With Different Particle Sizes & Volume Concentrations	Journal	International	IERJ	2015
52.	<b>Prof. Chintamani L. B.</b>	A Review Paper On Experimental Heat Transfer Enhancement Using Nanofluids	Journal	International	IJIRAE	2015
53.	<b>Prof. Salve A.K.</b>	National Conference For Engineering Post Graduates Rit Nconpg	Conference	National	Implementation of Cohesive Zone in ABAQUS to Investigate Fracture Problems	2015
54.	<b>Prof. Tarle R. A.</b>	International Journal Of Science And Research	Journal	International	Vibration Analysis of Ball Bearing	2015
55.	<b>Prof. Chaudhari D. S.</b>	4th International Conference On Ideas, Impact & Innovations In	Conference	International	Fatigue Life prediction of steel Leaf spring for light passanger vehical using graphical Mehaodology	2015

		Mechanical Engineering				
56.	<b>Prof. Bhosale C. K.</b>	Taguchi Method For Turbulent Analysis Of Water-Al <sub>2</sub> O <sub>3</sub> Nanofluid	Conference	International	4th International Conference on Recent Trends in Engineering & Technology(ICRTET-2015) July 2-4,2015	2015
57.	<b>Prof. Kale V. C.</b>	Stress Failure Location Prediction Of Kick Stand Using Catia V5 Analysis.	Journal	International	International Journal of Engineering trends and Technology	2015
58.	<b>Prof. Kale V. C.</b>	Aluminium Based Metal Matrix Composite For Aerospace Application Literature Review.	Journal	International	IOSR Journal of Mechanical and Civil Engineering	2015
59.	<b>Prof. Deshpande S. P.</b>	Experimental Analysis Of Boring Tool Vibrations With Passive Damping Using Fft Analyzer	Journal	International	International Engineering Research Journal	2015
60.	<b>Dr. Nehe P.B.</b>	Solution Precursor Plasma Spray (Spps) Technique Of Catalyst Coating For Hydrogen Production In A Single Channel With Cavities Plate Type	Journal	International	Chemical Engineering Journal	2015

		Methanol Based Microreformer				
61.	<b>Dr. Nehe P.B.</b>	Investigations On A New Internally-Heated Tubular Packed-Bed Methanol- Steam Reformer	Journal	International	International Journal of Hydrogen Energy	2015
62.	<b>Prof. Deshpande S. P.</b>	Implementation of 5S technique in a manufacturing organization: A case study	Journal	International	International Journal of Research in Engineering and Technology	2015
63.	<b>Prof. Deshpande S. P.</b>	Implementation of 5S technique in a manufacturing organization: A case study	Journal	International	International Journal of Research in Engineering and Technology	2015
64.	<b>Prof. Pawar R. S.</b>	Vibration Analysis Of Cracked Beam Theoretical And Numerical Approach	Journal	International	IJSERT	2014
65.	<b>Prof. Pawar R. S.</b>	"Vibration Analysis Of Cracked Beam Theoretical And Numerical Approach"	Conference	International	ICMIE	2014
66.	<b>Prof. Pawar R. S.</b>	Experimental Static Analysis Of A Cantilever Beam With Nonlinear Parameters	Journal	International	IJSERT	2014
67.	<b>Prof. D. B. Zoman</b>	Fea & Experimental Analysis	Conference	International	In the International	2014

		Of Master Leaf Spring Used For Light Motor Vehical.			Conference on Design, Manufacturing & Mechatronics	
<b>68.</b>	<b>Prof. Kale V. C.</b>	Effect Of Varioucnce Of Geometric Parameters And Materials On Poppet Engine Valve	Journal	International	International Journal of Research	2014
<b>69.</b>	<b>Prof. Kale V. C.</b>	Fatigue Life Prediction Of Steel Leaf Spring For Light Passenger Vehical Using Graphical Methodology	Journal	International	International Journal of Moderna Trends in Engineering and research	2014
<b>70.</b>	<b>Prof. Kale V. C.</b>	Design Of Leaf Spring For Light Commercial Vahical For Enhance Mechanical Properties And Reduce Weight To Improve The Performance Over A Life.	Journal	International	International Journal of Science and Technology	2014
<b>71.</b>	<b>Prof. Kale V. C.</b>	Design And Analysis Of Poppet Engine Valve For Enhance Mechanical Properties With Varied Geometric Parameters And	Journal	International	International journal of Science and Research technology	2014

		Materials.				
72.	<b>Prof. Kale V. C.</b>	Analysis Of Geometric Parameters Varioucnce Of Poppet Engine Valve For Enhannce Life.	Conference	National	Advances in mechanical Engineering Techniques	2013
73.	<b>Dr. Nehe P.B.</b>	Methanol Reformation For Hydrogen Production From A Single Channel With Cavities	Journal	International	International Journal of Hydrogen Energy	2013
74.	<b>Dr. Nehe P.B.</b>	Development Of Internally-Heated Tubular Packed Bed Methanol Steam Reformer For Hydrogen Production In Fuel Cell Applications	Journal	International	ASME Early Career Technical Journal	2013
75.	<b>Prof. Deshpande S. P.</b>	Parametric optimization of compression moulding process using principal coponent analysis	Conference	International	International conference on Advanced Engg. Optimization through intelligent techniques	2013
76.	<b>Prof. Varade B. V.</b>	Prediction Of Specific Wear Rate Of Glass Filled Ptfе Composites By Artificial Neural Networks And	Journal	International	International Journal of Engineering Research and Applications	2012

		Taguchi Approach				
77.	<b>Prof. D. B. Zoman</b>	Stress Strain Analysis Of Master Leaf Spring.	Conference	International	Advances in Mechanical Engineering	2012
78.	<b>Prof. D. B. Zoman</b>	Fea Analysis Of Master Leaf Spring	Journal	International	International Journal of Mechanical Engineering	2012
79.	<b>Prof. D. B. Zoman</b>	Performance Analysis Of Two Mono Leaf Spring Used For Maruti 800 Vehicle	Journal	International	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2012
80.	<b>Prof. Kokate Y. D.</b>	The Study Of Fuel Injection For Di Diesel Engine Development	Conference	International	International conference on Advances in mechanical engineering	2012
81.	<b>Prof. Dawange S. V.</b>	The Study Of Fuel Injection For Di Diesel Engine Development	Conference	International	International conference on Advances in mechanical engineering	2012
82.	<b>Prof. Deshpande S. P.</b>	Optimization of process parameters for compressio moulding of glass filled resin	Conference	International	Internation conference on Advanced Research in Mechanical Engineering	2012
83.	<b>Prof. Pawar R. S.</b>	An Overview Of Vibration Analysis Of Cracked Beam With Non-Linear Parameters And Harmonic	Journal	International	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	

		Excitations				
<b>84.</b>	<b>Dr. Nehe P.B.</b>	Performance And Emission Characteristics Of Straight Vegetable Oil (Svo) As Alternate Transport Fuel For Sustainable Development	Journal	International	GMSARN International Journal	