

Faculty Publications- year 2018-19

International Journals-

Sr No.	Name of the Faculty, "Paper Title", International/National, Conference/Journal, Venue, ISSN no/ISBN No/Page No
1	Devendra Agrawal & Dinesh Kamble "Optimization of photochemical machining process parameters for manufacturing microfluidic channel Materials and Manufacturing Processes ISSN: 1042-6914 (Print) 1532-2475 (Online) Journal homepage: <a href="http://www.tandfonline.com/loi/lmmp20">http://www.tandfonline.com/loi/lmmp20</a> DOI: 10.1080/10426914.2018.1512115
2	Omkar Manav, Satish Chinchani, Multi-Objective Optimization Of Hard Turning: A Genetic Algorithm Approach, Materials Today: Proceedings, Volume 5, Issue 5, Part 2, 2018, Pages 12240-12248.
3	Vijay Vanjari, Aniket Salve, Satish Chinchani, Prediction of Effect of Cutting Parameter on Fatigue Life of AISI 52100 Steel Materials Today: Proceedings, Volume 5, Issue 1, Part 1, 2018, Pages 922-928.
4	Design Methodology for Gear Shift Map of Automated Manual Transmission V. Mali, A. Mache, R. Mulik and S. Ramdasi, Materials Today Proceedings, International Conference on Advances in Materials and Manufacturing Applications, Published online: 05 Nov. 2018. International Conference on Advances in Materials and Manufacturing Applications, Volume 5 • Issue 11P3 • 2018 ISSN 2214-7853
5	Experimental investigation of dry sliding wear behaviour of jute/epoxy and jute/glass/epoxy hybrids using Taguchi approach, A. Paturkar, A. Mache, A. Deshpande and A. Kulkarni, Materials Today Proceedings, International Conference on Advances in Materials and Manufacturing Applications, Published online: 05 Nov. 2018. International Conference on Advances in Materials and Manufacturing Applications, Volume 5 • Issue 11P3 • 2018 ISSN 2214-7853
6	Convection Heat Transfer Augmentation from Twisted Tape Insert of Non-conducting Material, D.B. Nalawade & D.A. Kamble, Journal of Applied Science and Computations (JASC) Jan. 2019 in UGC approved Journal. ISSN NO - 1076 -5131, Feb-2019 Issue.
7	Design Analyse and develop Hybrid silencer for 250 kVa DG Set, Saurabh Palnitkar, Loash Suri, C. Sugandhi, Prashant Anerao, Practices in Aerospace and Automotive Engineering, (I-DAD-2018), Lecture notes in Mechanical Engineering, doi.org./10.1007.978-981-13-2697-4_40
8	Effect and optimisation of photochemical process parameters for machining of micro hole, Devendar Agrawal, Dinesh Kamble Journal of Brazilian society, Mechanical Science and Mechanical Engineering, ISSN-1678-1878, Vol-41, No-4

9	Journal: International Journal of Energy for a Clean Environment Article: IJECE-15640. Analysis of rectangular microchannel in forced convection heat transfer condition using Refrigerant R-22, By D.A.Kamble, B.S.Gawali, DOI: 10.1615/InterJEnerCleanEnv.2016015640, pages 1-21,
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#### International Conferences-

Sr No.	Name of the Faculty, "Paper Title", International/National, Conference/Journal, Venue, ISSN no/ISBN No/Page No
1	Author: Pratik Lothe, Atul Kulkarni, Rajesh Askhedkar Conference: International Conference on Mechanical And Production Engineering (ICMAPE-Mumbai), Title: Noise Source Identification in Engine by using Structural Analysis Technique , Page: 21-26
2	Nitin Ambhore, Dinesh Kamble and Satish Chinchani, Prediction of cutting tool vibration and surface roughness in hard turning of AISI52100 steel, 14th International Conference on Vibration Engineering and Technology of Machinery held at Lisbon, Portugal, between 10 and 13 September 2018.
3	Nitin Ambhore, Dinesh Kamble and Satish Chinchani, 'Behaviour of cutting tool vibrations with the progress of tool wear in turning hardened AISI 52100 steel: An approach to tool condition monitoring system', 2nd International Conference On "Advancements in Aeromechanical Materials for Manufacturing" ICAAMM2018, Hyderabad, India from 13th -14th July 2018.
4	International Conference (India) International Conference on 'Innovations in Thermal, Design, Materials and Manufacturing Engineering (ITDMME 2018)' ITDMME -2018. , Saurabh Bihani, Dinesh Kamble, Dhanapal Kamble "A Finite Element Analysis and Optimization of Four Stroke Petrol Engine Crankshaft", July 17th -21st, 2018.
5	International Conference (India) on Tribology, TRIBOINDIA-2018 , Tushar Gaddekar, Dinesh Kamble, "A Review on Tribological Behaviour of Lubricant Blended with Additives." 13-15th Dec . 18, VJTI Mumbai
6	INTERNATIONAL CONFERENCE (India) ON ADVANCES AND CHALLENGES FOR SUSTAINABLE ECO SYSTEM (ICACSE 2018) Ashish Umbarkar, Dinesh Kamble, "A-Review on Experimental and Numerical Study of Self Priming Venturi Scrubber." 6-8 Dec 2018, NIT Tiruchirappalli.
7	Mohamad Gadafee and Satish Chinchani, An Experimental Investigation of Cutting Tool Reliability and its Prediction Using Weibull and Gamma Models: A Comparative Assessment, International Conference on Advances in Materials and Manufacturing Applications (IconAMMA 2018) 16th-18th AUGUST 2018, Amrita University, Bangalore, India

8	MohamadGaddafee and SatishChinchankar, Reliability of PVD-coated single-layer TIALN carbide tool during turning of hardened AISI 4340 alloy steel, 2nd International Conference on Advancements in Aeromechanical Materials for Manufacturing (ICAAMM 2018) held on 13th -14th July 2018
9	OmkarManav, SatishChinchankar,B15 Multi-Objective Optimization Of Hard Turning: A Genetic Algorithm Approach, Materials Today: Proceedings, Volume 5, Issue 5, Part 2, 2018, Pages 12240-12248.
10	Vijay Vanjari, Aniket Salve, Satishchinchankar, Prediction of Effect of Cutting Parameter on Fatigue Life of AISI 52100 SteelMaterials Today: Proceedings, Volume 5, Issue 1, Part 1, 2018, Pages 922-928.
	International Conference on Fluid Mechanics and Fluid Power-2018, Organized by IIT Mumbai, Dhanapal Kamble, A.Dhumal Parametric study and CFD analysis of air filter, 10-12 Dec-2018, IIT Mumbai
11	MohamadGaddafee and SatishChinchankar, Assessment of cutting tool reliability during turning considering effects of cutting parameters and machining time, 7th International & 28th All India Manufacturing Technology, Design and Research (AIMTDR) Conference 2018 December 13th-15th 2018
12	Manoj N Jagdale1 & G Diwakar2 A critical review of condition monitoring parameters for fault diagnosis of rolling element bearing. 2nd International Conference On “Advancements in Aeromechanical Materials for Manufacturing” ICAAMM2018, Hyderabad, India from 13th -14th July 2018.

#### National Conferences-

Sr No.	Name of the Faculty,"Paper Title",International/National,Conference/Journal,Venue, ISSN no/ISBN No/Page No
1	National Conference (India) 3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME-2018), TusharGadekar 1* , Dinesh Kamble 2 “A REVIEW ON LUBRICANT BLENDED WITH ADDITIVES AND THEIR TRIBOLOGICAL BEHAVIOR, 21-22 June 2018, Walchand College of Engineering Sangli.
2	National Conference (India) 3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME-2018), YashwantChapke, Dinesh Kamble, DhanapalKamble “ROTARY FRICTION WELDING: APPLICATION LITURATURE REVIEW AND METHODOLOGY OF INVESTIGATION” , 21-22 June 2018, Walchand College of Engineering Sangli.

3	National level conference organised by PDEAS College of Engineering Manjari Hadapsar Pune, Paper titled presented ,Analysis of vapour compression refrigeration system using ternary mixtures of R134a, R600a & R290 by D.A. Kamble, D.B.Nalwade, A.R.Dhumal, during 27-28 Feb-2019.
4	National level conference organised by PDEAS College of Engineering Manjari Hadapsar Pune, Paper titled presented , Vibration analysis of rotating element of motor, Avinash Somatkar, during 27-28 Feb-2019.