

Paper Publications in year 2016-17 (International Journal)

Sr.No.	Title of the paper	Author	Journal
1	Finish Machining of Hardened Steel	Satish Chinchanikar	Comprehensive Materials Finishing, Volume 1 doi:10.1016/B978-0-12-803581- 8.09149-9
2	Comparative evaluations of nose wear progression and failure modes during hard turning under dry and near-dry cutting conditions	Satish Chinchanikar	International Journal of Machining and Machinability of Materials, Vol. 18, Nos. 5/6, 2016. ISSN No: 1748-5711.
3	Statistical Analysis of Cutting Forces and Surface Roughness Using Response Surface Methodology in Hard Turning of AISI 52100 Steel with PVD Coated Carbide Tool	Satish Chinchanikar Nitin Ambhore	Journal of Materials and Metallurgical Engineering, Volume 1 Issue 2, 1-15, 2016
4	A Review on Tool Wear Monitoring System	Satish Chinchanikar Nitin Ambhore	Journal of Mechanical Engineering and Automation 2016, 6(5A): 49-53, DOI: 10.5923/c.jmea.201601.09, p-ISSN: 2163-2405, e-ISSN: 2163-2413
5	An experimental study on moisture absorption for jute-epoxy composite with coatings exposed to different pH media	Ashok Mache	Perspectives in Science, 2016 - Elsevier doi:10.1016/j.pisc.2016.06.026
6	Finite Element Analysis to estimate burst pressure of mild steel pressure vessel using Ramberg-Osgood model	F.A.Shaikh	Perspectives in Science, 2016 - Elsevier
7	A Review: Fiber Metal Laminates (FML's) –Manufacturing , Test Methods and Numerical Modeling	Aniket Salve Ashok Mache	International Journal of Engineering Technology and Sciences (IJETS) Vol.6 (1) Dec 2016
8	Investigation of Flexural Properties of Glass-Kevlar Hybrid Composite	Atul Kulkarni Kiran Wangikar	European Journal of Engineering Research and Science, Vol 1, No 6, 2017
9	Design Methodology of Compliant Mechanism: A Review	Prashant Anerao	Gurukul International Multidisciplinary Research Journal ISSN: Applied 2394-8426 VOLUME-06, ISSU-03, December'2016
10	Investigating the Effects of Different Geometries Used In Flexural Hinges on Their Fatigue Life	Prashant Anerao	International Journal of Science and Research (IJSR) ISSN (Online): 2319-7064, Volume 5 Issue 3, March 2016
11	A Study on the Mechanical Behaviors of Jute-polyester Composites	Ashok Mache	11 th International Symposium on Impact and Mechanics, Implast 2016 Elsevier Procedia Engineering 173, 631-638 doi: 10.1016/j.proeng.2016.12.120
12	Effect of Strain Rate on Mechanical Responses of Jute-Polyester Composites	Ashok Mache	SAE Technical Paper, 2017. No. 2017-01-1467

Paper Publications in year 2016-17 (International Conference)

Sr No	Title of the paper	Authors	Details
1	Literature Review on effect of humidity on Mechanical properties of Pure and Hybrid composites	Ajay Kale, Kiran Wangikar	Elsevier, International Conference on Recent Trends in Engineering, Science and Technology 2016, 1 June 2016, Hyderabad, India
2	Investigation of microstructure and Mechanical Properties of AlTiCrN, AlCrN Coatings Deposited By Advance Sputtering Technique	Atul Kulkarni	International Conference on Materials, Manufacturing and Design Engineering (iCMMMD 2016), BATU Lonere, Page 48, Dec 20-21, 2016

3-s- pg	A Review on Tribological Performance of Reinforced Composite Material	A. R. Mache	<i>VISHWACON 2016-2017</i>
4	A Review on Tribological Performance of Reinforced Composite Material	A. R. Deshpande	<i>VISHWACON 2016-2017</i>
5	A review : A current scenario of automated manual transmission in automative transmission	A. R. Mache	<i>VISHWACON 2016-2017</i>
6	A review on genetic algorithm in manufacturing systems	S. S. Chinchanikar	<i>VISHWACON 2016-2017</i>
7	A review on genetic algorithm in manufacturing systems	M. G. Gadge	<i>VISHWACON 2016-2017</i>
8	Multi-objective optimization of hard turning: A genetic algorithm approach	S. S. Chinchanikar	<i>ICMMM 2017</i>
9	Literature review on design and analysis of EGR air mixture	A. P. Kulkarni	<i>VISHWACON 2016-2017</i>
10	Literature review on effect of humidity on mechanical properties of pure and hybrid composite.	A. D. Kale	<i>ICRTEST</i>
11	Literature review on effect of humidity on mechanical properties of pure and hybrid composite.	K. S. Wngikar	<i>ICRTEST</i>

12	Review on progress in flat roof PV Solar raking sysytem in India	A. D. Kale	<i>VISHWACON 2016-2017</i>
13	Review on progress in flat roof PV Solar raking sysytem in India	K. S. Wngikar	<i>VISHWACON 2016-2017</i>

**Paper Publications in year 2016-17
(National Conference)**

Sr No	Title of the paper	Authors	Details
1-s- pg	Mechanical Characterization and effect of hydrylic aging on glass kevlar hybrid composite	A. D. Kale	<i>MECHPGCON-2017</i>
2	Mechanical Characterization and effect of hydrylic aging on glass kevlar hybrid composite	K. S. Wngikar	<i>MECHPGCON-2017</i>
3	Study of Tensile and Wear Behaviour of Jute/Epoxy and Jute/Glass/Epoxy Hybrid Composites	A. R. Mache	<i>MECHPGCON-2017</i>
4	Study of Tensile and Wear Behaviour of Jute/Epoxy and Jute/Glass/Epoxy Hybrid Composites	A. R. Deshpande	<i>MECHPGCON-2017</i>
5	Development of control strategy for automated manual transmission	A. R. Mache	<i>MECHPGCON-2017</i>
6	Multi-objective optimization of hard turning using a particle swarm optimization	S. S. Chinchankar	<i>MECHPGCON-2017</i>
7	Multi-objective optimization of hard turning using a particle swarm optimization	M. G. Gadge	<i>MECHPGCON-2017</i>
8	Finite Element Analysis of EGR Mixture for medium duty disel Engine	A. P. Kulkarni	<i>MECHPGCON-2017</i>
9	Finite Element Analysis of EGR Mixture for medium duty disel Engine	K. S. Wngikar	<i>MECHPGCON-2017</i>