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Department of Mechanical Engineering
Scopus- Publications

Sr. No	Name of Faculty	Title of Paper	Name of Journal Volume, Page No.& Year	URL
1	Dr. R. T. Vyavahare Dr. S. P. Kallurkar	Ergonomic evaluation of electric hedge trimmer using digital human modeling	Agric Eng Int: CIGr Journal open access, Vol-17,2015.	www.grjournal.org
2	Prof. S A Sonawane Dr. M. L. Kulkarni	Application of Utility Concept Approach for multi-response optimization of Wire Electrical Discharge Machining during profile cutting of Inconel-625	International Journal of Machining and Machinability of Materials (Scopus Indexed Journal) Vol.1 pp-1-16, 2016.	scholar.google.co.in/citations?user=rrG6JcIAAAAJ&hl
3	Prof. S. S. Kulkarni Dr. A. K. Bewoor	The Theoretical Model and experimental validation for distributed defects on inner of ball bearing under radial load	Noise & vibration worldwidevol.47, issue 5-6pp.67-79, 2016.	journals.sagepub.com/doi/pdf/10.1177/0957456516672555
4	Prof. S. S. Kulkarni Dr. A. K. Bewoor	Vibration signature analysis of distributed defects in ball bearing using wavelet decomposition technique	Noise & vibration worldwidevol.48, Issue 1-2pp.7-18, 2016.	journals.sagepub.com/doi/abs/10.1177/0957456517698318

5	Dr.S. G.Kulkarni Dr. J.V. Menghani	Corrosion behavior of fly ash, alumina and hybrid particles reinforced A356 composites	Journal of corrosion science and Engineering Vol.19 Paper 26 Pages 1-18, 2017.	https://www.researchgate.net/.../306147356_Corrosion_behaviour_of_fly_ash_alumina_...
6	Dr. S. G.Kulkarni Dr. J.V. Menghani	Effect of reinforcement type and porosity on strength of metal matrix composite	International Journal of Computational material and science and Engineering -05 2016	www.worldscientific.com

SCI Publications

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1	Dr. R. T. Vyavahare Dr. S. P. Kallurkar	Anthropometry of male agricultural workers of western India for the design of tools and equipment's	International Journal of Industrial Ergonomics, 53: 80-85, 2015.	www.sciencedirect.com/science/article/pii/S0169814115300457
2	Dr. S. G. Kulkarni Dr. J. V. Menghani	Investigation of mechanical properties of fly ash and Al ₂ O ₃ reinforced A356 alloy matrix hybrid composite manufactured by improved stir casting	Indian Journal of Engineering & material science, Vol.23 PP-27-36, 2016	nopr.niscair.res.in/bitstream/123456789/34774/.../IJEMS%2023%281%29%2027-36
3	Prof. B. S. Gandhare Dr. M.M. Akarte	Maintenance performance Measurement A case of Sugar Industry	International Journal of Quality in Maintenance (IJQM), 2017.	<i>Under Review</i>
4	Prof. S. A. Sonawane	Multi Response optimization of WEDM for Titanium grade -5 by weighted principal component analysis (WPCA)	International Journal of Engineering and Technology Innovation.	<i>Accepted for publication</i>