



List of Structural Faculty Publication along with DOI's and publication/citation details

Year	Journal Publication		Conference Publication	
	Sci/Scopus Indexed	Others	National	International
2023-24	06	-	-	-
2022-23	09	01	01	-
2021-22	06	01	02	-
2020-21	13	-	01	-



VJTI MUMBAI
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Veermata Jijabai Technological Institute
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List of faculty Publications along with DOI'S and publication/citation details for year: 2022-23						
Sr. No.	Journal / Conference Details	Authors	Title of Publication	Year	DOI	Citations
J01	<i>Innovative Infrastructure Solutions</i>	Lalit B Pawar, Keshav K Sangle, Yuvraj L Bhirud	<i>Impact of recycled plastic aggregate concrete in high-temperature environments</i>	2022	https://doi.org/10.1007/s41062-022-00808-w	1
J02	<i>Research on Engineering Structures and Materials</i>	Lalit B Pawar, Keshav K Sangle, Yuvaraj L. Bhirud	<i>Experimental investigation of spalling effect of elevated temperature on concrete containing waste plastic aggregates</i>	2022	http://dx.doi.org/10.17515/resm2022.422st0318tn	0
J03	<i>Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment</i>	Patel, M.S., Liew, M.S., Kang, H.S., Lee, K.Q., Kim, M.H. and Bambole, A.	<i>Dynamic roll instability of liquid natural gas carrier during offloading operations and prediction of downtime cost in Malaysian waters</i>	2022	https://doi.org/10.1177/14750902221105945	0
J04	<i>Forces in Mechanics</i>	Sunil Yadav, Somnath Damse, Sandeep Pendhari, Keshav Sangle, Atteshamuddin S Sayyad	<i>Comparative studies between Semi-analytical and shear deformation theories for functionally graded beam under bending</i>	2022	https://doi.org/10.1016/j.finmec.2022.100111	3
J05	<i>Results in Engineering</i>	Simran Senapati, Keshav K Sangle	<i>Nonlinear static analysis of cold-formed steel frame with rigid connections</i>	2022	https://doi.org/10.1016/j.rineng.2022.100503	4
J06	<i>Forces in Mechanics</i>	Dhepe, S.N., Bambole, A.N., Ghugal, Y.M.	<i>An elasticity solution of laminated cylindrical panel</i>	2022	https://doi.org/10.1016/j.finmec.2022.100147	1
J07	<i>Mechanics of Advanced Composite Structures</i>	S. Sawarkar, S. Pendhari	<i>Functionally Graded Piezoelectric Plates in Cylindrical Bending by Semi-analytical Approach</i>	2022	https://doi.org/10.22075/mac.2022.25808.1376	0
J08	<i>Composites: Mechanics, Computation, Applications-An</i>	Sunil Yadav, Parag Manohar Pandare, Sandeep S.	<i>Static analysis of an exponentially varying functionally graded beam using trigonometric shear deformation theory</i>	2023	http://dx.doi.org/10.1615/CompMechComputApplIntJ.2023047080	1



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	<i>Internaional Journal</i>	<i>Pendhari, Keshav Sangle</i>				
J09	<i>Forces in Mechanics</i>	<i>Sunil Yadav, Keshav K. Sangle, Swapnil A. Shinde, Sandeep S. Pendhari, Yuvraj M. Ghugal</i>	<i>Bending analysis of FGM plates using sinusoidal shear and normal deformation theory</i>	2023	<i>https://doi.org/10.1016/j.finmec.2023.100185</i>	0
J10	<i>Lecture Notes in Civil Engineering</i>	<i>K.K. Sharma, Kumar Pallav, Manjari Singh, Ashhad Imam & A.Harrison</i>	<i>Assessment of Liquefaction Potential of Allahabad, India: A Future Smart City</i>	2023	<i>https://doi.org/10.1007/978-981-99-1579-8_30</i>	0
CO1	<i>ASPS Conference Proceedings</i>	<i>Simran Senapati, Keshav K Sangle</i>	<i>Nonlinear Seismic Analysis of Perforated cold-formed steel shear wall with Upright Section</i>	2022	<i>https://doi.org/10.38208/acp.v1.539</i>	0