



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
वीरमाता जिजाबाई तंत्रज्ञान संस्था
Veermata Jijabai Technological Institute
(Autonomous Institute of Govt. of Maharashtra)

List of faculty Publications along with DOI'S and publication/citation details for year: 2020-21						
Sr. No.	Journal / Conference Details	Authors	Title of Publication	Year	DOI	Citations
J01	<i>Journal of Computational Engineering and Physical Modeling</i>	Sharwari Kulkarni and Sandeep S. Pendhari	<i>Cylindrical Bending of Power Law Varied Functionally Graded Laminate Subjected to Thermo-Mechanical Loading</i>	2020	https://doi.org/10.22115/cepm.2020.243741.1124	1
J02	<i>International Journal for Computational Methods in Engineering Science and Mechanics (IJCMESM)</i>	Sameer Sawarkar, Sandeep Pendhari, Yogesh Desai and Tarun Kant	<i>Electroelastic analysis of simply supported functionally graded laminated and sandwich piezoelectric plates</i>	2020	https://doi.org/10.1080/15502287.2020.1841333	4
J03	<i>Psychology and Education</i>	Singh, V.S., Sangle, K.K	<i>Simplistic Damaged Plasticity Model for Vertically Oriented Planar Wall</i>	2020	https://doi.org/10.1007/978-981-15-9829-6_29	0
J04	<i>Asian Journal of Civil Engineering</i>	Narule, G.N., Bambole, A.N.	<i>An experimental study on axial behavior of CFRP-strengthened RC rectangular columns with variable slenderness ratio</i>	2021	https://doi.org/10.1007/s42107-020-00312-5	4
J05	<i>Solid State Technology</i>	Ms Sonali P Patil, Keshav K Sangle	<i>Ergonomic Assessment of Musculoskeletal Disorders among Rural Water Fetchers in India with fetching Intervention</i>	2021	--	0
J06	<i>International Journal of Engineering Trends and Technology</i>	Singh, V.S., Sangle, K. K	<i>Repercussion on plastic zones formed in vertically oriented planar wall</i>	2021	http://dx.doi.org/10.14445/22315381/IJET-T-V69I2P203	0
J07	<i>Journal of King Saud University-Engineering Sciences</i>	Sharwari Kulkarni, Sandeep S. Pendhari	<i>Comparison of thermal stresses for Exponential and actual temperature gradient along the depth of E-FG plate</i>	2021	DOI: 10.1016/j.jksues.2021.03.005	0
J08	<i>Modeling, Simulation and Optimization: Proceedings of CoMSO 2020</i>	Vikram S Singh, Keshav K Sangle	<i>Simulation and Behavior of Vertically Oriented Planar Structure</i>	2021	https://doi.org/10.1007/978-981-15-9829-6_29	0
J09	<i>Indian Concrete Journal</i>	Despande.,P Keshav K	<i>PERFORMANCE OF POLYMER MODIFIED</i>	2021	-	



VJTI MUMBAI

वीरमाता जिजाबाई तंत्रज्ञान संस्था

Veermata Jijabai Technological Institute

(Autonomous Institute of Govt. of Maharashtra)

		<i>Sangle, Yuvraj M Ghugal</i>	<i>FIBER REINFORCED HIGH STRENGTH CONCRETE</i>			
J10	<i>Key Engineering Materials</i>	<i>Praphulla K Despande, Keshav K Sangle, Yuvraj M Ghugal</i>	<i>Elastic Properties of Polymer Modified Steel Fiber Reinforced High Strength Concrete</i>	2021	<i>DOI: 10.4028/www.scientific.net/KEM.889.163</i>	
J11	<i>Journal Of Structural Engineering</i>	<i>Praphulla K Despande, Keshav K Sangle, Yuvraj M Ghugal</i>	<i>Study on Elastic Constants of Polymer Modified Steel Fibre Reinforced High Strength with High Fibre Volume Fraction</i>	2021	-	
J12	<i>International Journal of Engineering Trends and Technology</i>	<i>Senapati, S., Sangle, K.K</i>	<i>Monotonic simulation of fastener-based cold formed steel shear walls</i>	2021	<i>DOI:10.14445/22315381/IJETT-V69I4P213</i>	
J13	<i>Journal of Computational Engineering and Physical Modeling</i>	<i>Sharwari Kulkarni and Sandeep S. Pendhari</i>	<i>3D semi-analytical solution for functionally grade power law varied laminate subjected o thermo-mechanical loading.</i>	2021	<i>DOI:10.22115/CEP M.2021.265578.1148</i>	0
COI	<i>Proceeding of International Conference on Advancement on Aeromechanical Materials for Manufacturing (ICAAMM2020)</i>	<i>Sharawari Kulkarni and Sandeep Pendhari.</i>	<i>Determination of exact temperature distribution through the depth of functionally varied layered laminate by semi-analytical approach</i>	2020	<i>https://doi.org/10.1080/15502287.2020.1841333</i>	4