

Dr. D. TENSING

LIST OF PUBLICATIONS

1. Tensing, D., Vincent Sam Jebadurai, S., Joe Paulson, A., Devadass, C.S.C., **“Experimental studies on application of bamboo reinforcement in concrete stools”** Test Engineering and Management, Volume 83, 30 April 2020, Pages 18295-18305
2. Shobby Margret, L., Tensing, D., Vincent Sam Jebadurai, S., Kevin Jeffrey, P., Rahul, A.V., **“Investigations of confined steel concrete column behavior with bolted shear connectors under axial load”**, Test Engineering and Management, Volume 83, 30 April 2020, Pages 18944-18951
3. Tensing, D., Vincent Sam Jebadurai, S., Paulson, J., Rahul, A.V., Jeffrey, K., **“Optimization in the design of prestressed concrete girders using excel and MATLAB”**, Volume 11, Issue 2, 2020, Pages 420-426.
4. Cruze, D., Gladston, H., Loganathan, S., Dharmaraj, T., Solomon, S.M., **“Study on Magnetic oil-based MR fluid and its damping efficiency using MR damper with various annular gap configurations”**, Energy, Ecology and Environment 2020.
5. Cruze, D., Gladston, H., Farsangi, E.N., Loganathan, S., Tensing Dharmaraj, T., Solomon, S.M., **“Development of a multiple coil magneto-rheological smart damper to improve the seismic resilience of building structures”**, Open Civil Engineering Journal, Volume 14, Issue 1, 2020, Pages 78-93
6. Vincent Sam Jebadurai, Tensing D, Pradhan P M, Hemalatha G, **“ Enhancing performance of infill masonry with latex modified mortar subjected to cyclic load”**, Structures, Volume 3, February 2020, Pages 551-557
7. Daniel, C., Hemalatha, G.Sarala, L.,Tensing, D., Manoharan, S.S.Bai, X.-X., **“Experimental investigation of a self-powered magnetorheological damper for seismic mitigation”**, Lecture Notes in Civil Engineering, Volume 54, 2020, Pages 397-402
8. Vincent Sam Jebadurai, Tensing D, Freeda Christy, **“Enhancing Performance of Infill Masonry with Skin reinforcement Subjected to Cyclic Load”**, International Journal of Engineering, Transactions B: Applications, Volume 32, Issue 2, 2019, Pages 223-228
9. Jebadurai S.V.S, Tensing D, Hemalatha G, Siva R, **“Experimental investigation of toughness enhancement in cement mortar”**, **International Journal of Engineering’**, **Transactions B: Applications**, Volume 31, Issue 11, November 2018, Pages 1824-1829
10. Shobby Margret. L, Tensing D, **“Studies on behaviour of steel confined concrete column under axial loading”**, International Journal of Civil Engineering and Technology Volume 9, Issue 8, August 2018, Pages 680-692
11. Cruz D, Gladston H, Immanuel S, Loganathan S, Dharmaraj T, Solomon S M, **“Experimental investigation on magnetorheological damper for RCC frames subjected to cyclic loading”**, [Advances in Civil Engineering Materials](#), Volume 7, Issue 3, 14 June 2018, Article number ACEM20170112

12. Daniel, C., Hemalatha, G., Sarala, L., Tensing, D., Manoharan, S.S.
“Magneto-rheological fluid with nano Fe₃O₄ for performance enhancement of MR damper for seismic resistance of steel structures”
13. Krishnamoorthy, M., Tensing, D., Sivaraja, M., Krishnaraja, A.R. **“Durability studies on polyethylene terephthalate (PET) fibre reinforced concrete”**, International Journal of Civil Engineering and Technology, Volume 9 (Issue 10), pp. 634-640
14. Jebadurai, V.S.S., Tensing, D., **“Mechanical properties of latex mortar for brick masonry”**, International Journal of Civil Engineering and Technology, Volume 7(Issue 6), pp. 400-407.
15. Jebadurai, V.S.S., Tensing, D., **“Skin Reinforcement for Masonry infill walls subjected to cyclic loading”**, International Journal of Civil Engineering and Technology, Volume 8(Issue 4), pp. 1196-1206.
16. Karpagalakshmi, R.C., Tensing, D., Kalpana, A.M., **“Image localization using deformable model and its application in health informatics”**, Journal of Medical Imaging and Health Informatics 6(8), pp. 1972-1976
17. J. Thivya, R. Malathy, D. Tensing, **“A comparative study ultimate strength and behavior steel concrete composite beam with shear connectors subjected to pure torsion”**, Journal of Computational and Theoretical Nanoscience, Volume 13 (Issue 10) pp.6892 - 6895.
18. Karpagalakshmi, R.C., Tensing, D., Kalpana, A.M., **“VPEDA: A Robust vantage point based event detection architecture for efficient object detection and localization”**, Asian Journal of Information Technology 15(24), pp 4670-4978
19. Prabhu, S. and Tensing, D, **“Adapted Normalized Graph Cut Segmentation With Boundary Fuzzy Classifier Object Indexing On Road Satellite Images”**., International Arab journal of Information Technology. Vol 12, November 2015 pp 597-603.
20. J. Thivya, R. Malathy, D. Tensing, **“Experimental Investigation of confined steel concrete composite beam under bending”**, International Journal of Advanced Engineering Technology, E-ISSN 0976-3945, Volume VII/ Issue I/ Jan.- March.'2016/716-720.
21. Chinnu Susan Shaji, D. Tensing, T. Sundararajan, **“Damage detection of Beam-like Structures using Model Data”**, International Journal of advances in Mechanical and Civil Engineering (IJAMCE), Volume 2, Issue 3 , June 2015