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Selected Publications (Past five years)

- Rama Rao, G.V.**, Gopalakrishnan, N., Jaya, K.P., Muthumani, K., Reddy, G. R. and Parulekar, Y.M. (2015) "Studies on nonlinear behavior of shear walls of medium aspect ratio under monotonic and cyclic loading", ASCE Journal of Performance of Constructed Facilities.
- Rama Rao, G.V.**, Sreekala, R., Sathish Kumar, K , Gopalakrishnan, N., Muthumani, K., Nagesh R. Iyer, Lakshmanan, N. and Reddy, G. R. (2015) "Seismic response measurement of an under-water model through high speed camera and feature tracking", Experimental Techniques.
- Rama Rao, G.V.**, Gopalakrishnan, N., Jaya, K. P. and Renish J. Dhaduk (2015) "Studies on ductility of shear walls", Journal of Structural Engineering.
- Rama Rao, G.V.**, Davis, T. T., Sreekala, R., Gopalakrishnan, N., Nagesh R. Iyer and Lakshmanan, N. (2015) "Damage identification through wave propagation and vibration based methodology for an axial structural element", Journal of Vibration Engineering & Technologies, Vol. 3, No. 4, pp 383-399 .
- Bharathi Priya, C., Likhith Reddy, A., **Rama Rao, G.V.**, Gopalakrishnan, N. and Rama Mohan Rao, A. (2014) "Low frequency and boundary condition effects on impedance based damage identification", Case Studies in Nondestructive Testing and Evaluation, Vol. 2, pp 9-13.
- Likhith Reddy, A., Shirleen, C., Bharathi Priya, C., **Rama Rao, G.V.**, Gopalakrishnan, N. and Rama Mohan Rao, A. (2013) "Damage detection of a cyclically loaded concrete shear wall using EMI technique", Structural Durability & Health Monitoring, Vol. 9, No. 4, pp 325-347.
- Sreekala, R., Gopalakrishnan, N., Muthumani, K., Sathish Kumar, K., **Rama Rao, G.V.** and Nagesh R Iyer (2013) "Seismic protection of critical infra-structures through innovative technologies", International Journal of critical infrastructures, Vol. 9, No. 4, pp 351-367.
- Sreekala, R., Muthumani, K., Gopalakrishnan, N., Sathish Kumar, K., **Rama Rao, G.V.** and Nagesh R Iyer (2012) "Seismic performance of polymer modified concretes in flexure-Modelling", International Journal of Structural Engineering, Vol. 3, No. 4, pp 298-310.
- Rama Rao, G.V.**, Sreekala, R., Gopalakrishnan, N., Sathish Kumar, K, Muthumani, K. and Lakshmanan, N. (2011) "Coasting down signal analysis as a tool for detection of proximity of resonances and a case study", Engineering Failure Analysis, Vol. 18, pp 340-353.
- Lakshmanan, N., Raghu Prasad, B. K., Gopalakrishnan, N., Sreekala, R. and **Rama Rao, G.V.** (2010) "Comparative study on damage identification from iso-eigen-value-change contours and smeared damage model", Structural Engineering and Mechanics, An International Journal, Vol. 35, No. 6, pp 735-758.