List of Publications

Name: Dr.G.Hemalatha, Associate Professor & Head, Karunya Institute of Technology and Sciences, Coimbatore

1. J. Joel Shelton, Venkatesh.V, **G. Hemalatha** (2016), "Experimental Investigation on Dual column Frame System for Seismic Resistance of Reinforced Concrete Structure", Global Journal of Researches in Engineering: E Civil and Structural Engineering, Vol.16 issue 2, Version.1,pp1-5.
2. Farheen Khan , **Hemalatha. G** (2016) "Risk assessment of Seismically Excited Structures using Fragility Curve" International Journal of Advance Research in Science and Engineering: Vol 5, No. 1.
3. J. Joel Shelton**, G. Hemalatha** (2016), Behavior of Linked-Column System subjected to Seismic Force", Indian Journal of Science and Technology, Vol 9(6), DOI: 10.17485/ijst/2016/v9i6/87667, February 2016
4. Vinitha Mary Jovar, **G Hemalatha**(2016), Analytical Modelling of MR Damper, International Journal of Advanced Technology in Engineering and Science, Vol. 4, No. 1
5. Anoop PP, Arunraj E and **Hemalatha G** (2015), "Study on Magnetorheological Dampers for Semi-active Control of Buildings by using the Fuzzy Logic Control System", Journal of Civil Engineering and Environmental Technology, Vol. 2, Number 4, pp 309-313.
6. Darling. D and **Hemalatha. G** "Performance of Linked Column System under Seismic forces for Concrete Structures" International Journal of Engineering Research and Applications (IJERA) ISSN No. 2248 – 9622 (online),2013
7. Arun Solomon A and **G. Hemalatha** "Limitation of irregular structure for seismic response" International Journal of Civil and Structural Engineering ISSN: 0976-4399, vol.3, No 3, 2013, March 2013, pp.579-590, 2013
8. Abishek Raj, S. Selva MuthuKumaran, Rojan K. Thomas and **G. Hemalatha** (2012),"Pyramid Shaped Structures Response to Seismic Excitation" International Journal of Coimbatore Institute of Information Technology,(online) 2012.
9. **Hemalatha. G**, Jaya K.P "Water Tank as Passive TMD for Seismically Excited Structures", Asian Journal of Civil Engineering(Building and Housing) Vol 9. No.4 pp349- 366, 2008

10. **Hemalatha.G**, Arul Mary.S,"Inclined Crack Study Using NDT Technique", Indian Concrete Journal, Vol.74,No.2,pp.90-92,2000.
11. Farheen Khan , **Hemalatha. G** "Risk assessment of Seismically Excited Structures using Fragility Curve" 3rd international Conference on Recent Innovations in science, Engineering and management, Sri Venkateshwara College of Engineering and Technology, Srikakulum, Andra Pradesh, 27th Feb, 2016
12. Nancy Debora S, Parivallal S, Ravisankar K and **Hemalatha G**, " Evaluation of Cable Tension Using Vibration Based Methodologies for Health Monitoring of Structures", Internations Conference Multicon '15, 29th and 30th April 2015.
13. Annu Ann, Dony Paul, and **Hemalatha G**, "Seismic Resistant Design Using Water tank and Roof Top frame as Passive Control System" International Conference on Sustainable Energy and Built Environment,VIT,12-13 March 2015.
14. Joel Shelton J and **Hemalatha G,** "Behaviour of Linked Column System Subjected to Seismic Force" National Conference on Optimization Techniques in Engineering Science and Technologies. Bannari Amman Institute of Technology, Pp 1-10, 10th - 11th April 2015.
15. Sunu Paul and **Hemalatha G**," Performance of Linked Column System under Seismic forces for Concrete Structure" UGC Sponsored Conference on Innovations in Civil Engineering Systems for Sustainable Construction, Coimbatore Institute of Technology, Coimbatore, April 22nd 2015.
16. Johnson K and **Hemalatha G**, "Behaviour of joints of reinforced concrete structures under seismic loading and techniques of improving the joint ductility" - A Review, International Conference on Sustainable and Innovative Construction Technologies on 15th and 16th December 2014 at karunya University.
17. ArunRaj E, Arun Solomon A, **Hemalatha G**, "Green Wall Construction using Insulated Concrete Forms", International Conference on Energy, Environment and Eco-friendly Buildings (ICEEEB) at Jain Univeristy, Bangalore, 19th to 21st September 2013.
18. D. Darling and **G. Hemalatha**, "Analytical Investigations on Linked Column System for Seismic Resistance of Concrete Structures" Proceedings of the International Conference on Futuristic Innovations and Development in Civil Engineering (ICFiDCe '13) April 18-20, 2013.

19. Arun Solomon and **G. Hemalatha** "Identifying the limitations of Irregular Structures for Seismic Response of Buildings" International Conference at Vickram college of Engineering, March 2013.
20. **G. Hemalatha** and Dr. K. P Jaya "Seismic Response Reduction in Buildings with Roof Top frame as Tuned Mass Damper" 2nd International Conference on Advances in Engineering and Technology (ICAET) March 28th and 29th 2012

21. Udhayakumar.V, **Hemalatha. G**, Jaya. K.P, "Estimation of Parameters of Tuned Mass Damper under Seismic Loading", International Conference on Earthquake Engineering, Sastra, Tanjore, 25-26, Feb. 2006.

22. Palanisamy.A, **Hemalatha. G** and Jaya K.P, "Effect of Floor Diaphragm on Dynamic Response of RC Framed Buildings", International Conference on Recent Advances in Concrete and Construction Technology, SRM Institute of Science and Technology, Chennai, December 2005. pp 185-196.
23. Padma Priya. S, **Hemalatha. G** and Jaya K.P, "Structural Behaviour of Reinforced Concrete Buildings with Masonry Infills", International Conference on Recent Advances in Concrete and Construction Technology, SRM Institute of Science and Technology, Chennai, December 2005. pp 261-274.