

DC MEMBER DETAILS

Name	: Dr.G.Lavanya
Designation	: Assistant Professor
Department	: Civil Engineering
Institution	: University College of Engineering, Ramanathapuram

LIST OF PUBLICATIONS

1. K.Priyanka, Dr.G.Lavanya, Mrs.P.Akila, “ A Review: Structural Optimization of Railway Sleepers by Replacing Fine Aggregate with Waste Materials “,INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN TECHNOLOGY, Volume 6, Issue 5, ISSN: 2349-6002, pp 98-104, October 2019.
2. Mr.N.Guruvignesh, Dr.G.Lavanya, Mrs.P.Akila, “ A Review: Experimental and Analytical Study of Partially Replaced Waste Materials in Rigid Pavement”, INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN TECHNOLOGY, Volume 6, Issue 5, ISSN: 2349-6002, pp 90-97, October 2019.
3. G. Kousalyadevi & G. Lavanya, Optimal investigation of daylighting and energy efficiency in industrial building using energy efficient velux daylighting simulation, Journal of Asian Architecture and Building Engineering, Taylor and francis, ISSN: 1346-7581 (Print) 1347-2852 (Online),Sep 2019,pp 1-15.
4. Lavanya Ganesan, “Effects of curing on geopolymer bricks, “International Journal of Engineering research and management , IISN 2349-2058, vol 06, issue09, Sept 2019.
5. Lavanya Ganesan and chippymol james, “ strength characteristics of concrete paver blocks embedded with PET fibres”, International Journal of Engineering research and management , IISN 2349-2058, vol 06, issue09, pp. 62-64, Sept 2019.
6. Muthuselvakumar.N, Lavanya.G, Muruganantham.M , Guruvignesh.N, “ Study of Properties of Geopolymer Concrete, International Research Journal of Engineering and Technology (IRJET), ISSN: 2395-0072, pp 3713-3716,2019.
7. Dr.G.Lavanya, S.Kausalya Devi, M.Kayalvizhi, T.Nithya, R.Ramkumar, “ Study on the Properties of Top Mix Concrete Pavement” International Journal of Civil Engineering, (SSRG-IJCE) – Special Issue ICRTE TM, March 2019, ISSN: 2348 – 8352, pp 1 – 4.
8. Lavanya G and Thamizhanban S, “Experimental Investigation on the Strength and Behaviour of Mild Steel Powder Reinforced Concrete, International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8, Issue-1, May 2019, pp 2312-2317.
9. G.Kousalyadevi, Dr. G. Lavanya, 2019, “Comprehensive Review To Analyze The Role Of Day lighting And Its Importance Of Energy Efficiency In Industrial Buildings”, Int. J. Advanced Research in Basic Engg. Sci. & Tech (IJARBEST), Vol.5, No.3, March 2019, DOI: 10.20238/IJARBEST.2019.05030014, pp 72-96.
10. Lavanya, G, 2018, “Flexural behaviour of reinforced concrete beam by partially replacing replacing pulverised copper slag for cement”, International journal of engineering science and computing”, vol.8, issue 6, pp. 18316- 18320.
11. Lavanya, G , Jegan, J & Aravindan, S, 2017, „Seismic Effectiveness of Tall Buildings with Shear Wall and TMD's at Various Locations" , International Journal of Printing, Packaging & Allied Sciences, Vol. 5, No. 1, pp. 368-376.
12. Lavanya, G & Jegan, J, 2016, „ Finite element modeling of high calcium fly ash based geopolymer concrete beam" International Journal of Earth Sciences and Engineering, vol -9 , no-1, pp. 201-206. (Annexure II, Serial No. 8565)

13. Lavanya, G & Jegan, J, 2016, „Structural behaviour of high calcium fly ash based geopolymer concrete beam” , International Journal of Advance Engineering and Research Development, Vol- 3, Issue 03, pp.
14. Lavanya, G & Vasantha kumar P, 2016, „Experimental Study on Paver Blocks Utilize in Pet Fibres” , International Journal of Advanced Engineering Research and Technology, Vol – 4, Issue 4, Paper Number: : 150099, (ISSN: 2348-8190)
15. Lavanya, G & Karuppasamy, R, 2016, „Experimental study on concrete using glass powder and granite powder”, International Journal of Advanced Engineering Research and Technology, Vol - 4 Issue 4, pp.97-101.
16. Lavanya, G & Jegan, J, 2015, „Durability study on high calcium fly ash based geopolymer concrete”, Advances in Materials Science and Engineering, DOI: 10.1155/2015/731056. (Annexure I, Serial No. 267)
17. Lavanya, G & Jegan, J, 2015, „Compressive strength development with environment friendly geosynthetic materials”, International Journal of Earth Sciences and Engineering, vol-08, no-05, pp.256-258. (Annexure II, Serial No. 8565)
18. Lavanya, G & Jegan, J, 2015, „Evaluation of relationship between split tensile strength and compressive strength for geopolymer concrete of varying grades and molarity”, International Journal of Applied Engineering Research, vol-10, no-15, pp. 35523-35529. (Annexure II, Serial No. 8785)
19. Lavanya, G & Muhammed Murad K, 2015, „Dynamic resistance of tall buildings by using tuned mass damper’s – A review” , International Journal of Advance Engineering and Research Development, Vol- 2, Issue 10, pp.60-68.
20. Lavanya, G & Vinoth kumar M, 2015, „Experimental study on hybrid fiber reinforced concrete”, Journal of civil engineering and environmental technology, Vol – 2, Issue 6, pp. 496-499.