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Publications during last five years (2016-2020)

1. J.Premalatha, R.Srinivasan, "Properties of concrete with Waste glass powder as Fine aggregate replacement ", International journal of Recent Technology and Engineering", Volume -8, Issue 2S11, September2019.
2. R Manju, J.Premalatha," Micro, Macro and durability properties of self compacting concrete using various filler materials", Indian Journal of Geomarine Science, Vol 47(08), August 2018, pp1702-1712.
3. K.Srinivasan, J.Premalatha, Srigeetha, "A performance study on partial replacement of Polymer industry wastes as fine aggregates in concrete", Sciendo Archives of Civil Enn, Vol LXIV ,64(3) Issue 2018, pp45-56.
4. R.Santhoshkumar, J.Premalatha, @A study on Seismic performance of Reinforced concrete frame with Lead rubber bearing base isolation system@, International Research Journal of Engineering and Technology, Volume : 06, Issue:04, April2019.
5. K.Kaviya, J.Premalatha, " Prediction of compressive strength of High performance concrete using Artificial Neural Network models", Inmternational Research journal of Engineering and Technology, Volume 06, Issue :04, April2019.
6. J.Premalatha, M.Palanisamy, @ Performance of Evaluation of a Multistorey steel frame with viscous fluid dampers in lower toggle configuration@ International journal of Innovative Technology and exploring Engineering, Volume 8, Issue 2S December2018.
7. J.Premalatha, N.Lakshmipriya, "Seismic Retrofitting of Beam -column Joints in RCC Buildings using Jacketing Techniques Along with cross bars", International Journal of Innovative technology and exploring Engineeering, Volume 8, Issue 2S, December 2018 .
8. Premalatha J, Mrinalini M, "Seismic Behaviour of a multi storeyed Reinforced concrete Irregular building with Outtrigger Belt truss System", International Journal of Engineering and Advanced Technology , Volume -8 Issue -2S December 2018.
9. Premalatha J, Srinivasan K, Sreegeetha S, "An experimental study on polypropylene rope reinforced pre stressed concrete beams", Perspectivas em Ciencia da Informacao, v.22, sp.4, p140. , Nov./ Dec. 2017.
10. J.Premalatha ,P.A.Prabakaran, , KRP.Satheeshkumar , " Experimental Investigation on Flexural behavior of geopolymer concrete" , International Journal of Civil Engineering &Technology , July 2017.
11. J.Premalath, R.Manju, V.Senthilkumar , "Seismic response of multistoried steel frame with viscous fluid -scissor jack dampers, , International Journal of Civil Engineering &Technology , July 2017.
12. J.Premalatha, R.Shanthi Vengadeshwari, Abhijith B., , "Study on the behavior of multistoreyed steel framed building with steel plate shera walls under seismic forces", International Journal of Civil Engineering &Technology , Volume 8, Issue 9, September 2017, pp . 361-370.

13. J.Premalatha, M.Palanisamy , R.Manju A study on seismic responses of reinforced concrete buildings with lateral force resisting systems, International Journal of Civil Engineering &Technology July 2017.
14. J.Premalatha, R.Shanthi Vengadeshwari, Srihari P., "Finite Element Modeling and Analysis of RC beams with GFRP and steel bars", International Journal of Civil Engineering &Technology , Volume 8, Issue 9, September 2017, pp . 671-679.
15. R.Manju, J.Premalatha, R.Shanthi, "Flexural behaviour of self compacting concrete beams", International Journal of Civil Engineering &Technology , Volume 8, Issue 9, September 2017, pp . 305-318.
16. J.Premalatha, R.Shanthi Vengadeshwari, Veerendra A. "Optimization of Transmission Tower using Genetic algorithm" , International Journal of Civil Engineering &Technology , Volume 8, Issue 9, September 2017,pp : 654-662.
17. B.Sakhimol, R.Manju, J.Premalatha , "An investigation on the effect of fillers on the Properties of Self Compacting Concrete (SCC)" , International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 19 (2015), pp 14334-14344.
18. R. Manju, Dr. J. Premalatha, Dr. K. Ramadevi, "Influence of Filler Materials (Limestone Powder and Marble Powder) on the Flexural Strength of Self Compacting Concrete (SCC) Beams, Experimental and Analytical Approaches", Vol. 6, No. 6, June 2016, pp. 1898-1907.
19. R. Manju, Dr. J. Premalatha, Dr. N. Ramsundram, Mr. M. Kathiravan , "Artificial Neural Network based prediction of Mechanical properties of Self Compacting Concrete (SCC)", International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 11 No.3 (2016), pp 196-200.
20. Premalatha J., R.Manju , Ramakrishnan D., "Development of Mix Design procedure for self compacting concrete-State of the art", International Journal of Applied Engineering Research, ISSN 0973-4562,Volume 10, Number 19 (2015)
21. Sakhimol B., Manju R., Premalatha J., "An investigation on the effect of fillers on the Properties of Self Compacting concrete", International Journal of Applied Engineering Research, ISSN 0973-4562,Volume 10, Number 19 (2015)