

List of Publications

**International Journals**

1. Karthikeyan R., Raghunath P.N. and Suguna K. (2020), **Structural Performance Evaluation of Rubberized Concrete Beams with Micro-reinforcements**, Australian Journal of Structural Engineering (Taylor & Francis), DOI: 10.1080/13287982.2020.1717251.
2. Karthikeyan R., Raghunath P.N. and Suguna K. (2019), **Strength and Ductility of Rubberized Concrete Beams with Micro-reinforcements**, Asian Journal of Civil Engineering (Springer), DOI : 10.1007/s42107 - 019 - 00178 - 2.
3. Raghunath, P.N., Suguna, K. and Karthick, J. (2019), **Mechanical and Durability Characteristics of Marble Powder Based High Strength Concrete**, Scientia Iranica A, 26 (6), 3159 - 3164.
4. Karthikeyan R., Raghunath P.N. and Suguna K. (2018), **Performance Evaluation of Rubberized Concrete with Micro-reinforcements**, International Journal of Applied Engineering Research, 13 (23), 16430 - 16437.
5. Suguna, K., Raghunath, P.N., Karthick, J. and Uma Maheswari, R. (2018), **ANN Based Modeling for High Strength Concrete Beams with Surface Mounted FRP Laminates**, International Journal of Optimization in Civil Engineering, Springer Publications, 8(3), 1 - 15.
6. Karthick,J., Suguna, K. and Raghunath, P.N. (2017), **Structural Upgrade of Concrete Beams Using Advanced Fibre Composites**, Asian Journal of Civil Engineering (BHRC), 18(3), 485 - 496.
7. Karthick,J., Suguna, K. and Raghunath, P.N. (2017), **Assessment of Performance of RC Beams Strengthened with Hybrid FRP Laminates Using Multivariate Linear Regression Modeling**, Indian Journal of Science and Technology, 10(11), 01 - 10.
8. Karthick,J., Suguna, K. and Raghunath, P.N. (2017), **Structural Performance of Hybrid FRP Strengthened Concrete Beams**, International Journal of Current Research, 9(5), 50255 - 50261.
9. Sethuraman, V.S., Suguna, K. and Raghunath, P.N.(2017), **Numerical Analysis of HSC Beams under Cyclic Loading using ABAQUS**, International Journal of Applied Environmental Sciences, 12(1), 201 - 210.
10. Rex, L.K. and Raghunath, P.N. (2016), **Rheology of SFRC beams Strengthened with GFRP Laminates under Low Cycle Compressive Loads**, International Journal of ChemTech Research, 9(4), 248 - 260.
11. Rex, L.K. and Raghunath, P.N.(2015), **Study on Behavioural Facets of Normal Strength Steel Fibre Reinforced Concrete**, International Journal of Applied Engineering Research, 10(68), 84 - 88.
12. Mohammed Imthathullah Khan,K., Suguna, K. and Raghunath, P.N. (2015), **A Study on Safety Management in Construction Projects**, International Journal of Engineering Science and Innovative Technology (IJESIT), 4(4), 119 - 128.
13. Mohammed Imthathullah Khan,K., Suguna, K. and Raghunath, P.N. (2015), **Factor Analysis on Safety Management in Construction Projects**, Asian Journal of Applied Sciences, 3(3), 766-775.
14. Seshadri Sekhar, N., Raghunath, P.N. and Suguna, K. (2016), **Static and Cyclic Response of Corrosion-damaged High Performance Concrete Beams with Externally Bonded GFRP Laminates**, European International Journal of Science & Technology, 5(6), 108 - 118.

15. Seshadri Sekhar, N., Raghunath, P.N. and Suguna, K. (2016), **Static Response of Corrosion-damaged High Performance Concrete Beams with Externally Bonded GFRP Laminates**, Asian Journal of Engineering & Technology, 4(4), 66 - 75.
16. Gopinathan, T.K., Suguna, K. and Raghunath, P.N. (2016), **Static and Cyclic Performance of HSC Beams with GFRP Laminates**, Asian Journal of Engineering and Technology, 4(2), 17 - 24.
17. Gopinathan, T.K., Suguna, K. and Raghunath, P.N. (2016), **Regression Model for Static and Cyclic Performance of HSC Beams with GFRP Laminates**, Indian Journal of Science and Technology, 9(13), 1 - 7.
18. Venkatesan, K.R., Suguna, K. and Raghunath, P.N. (2016), **Steel Fibre Reinforced High Strength Concrete Beams Under Flexure**, Asian Journal of Applied Sciences, 3(1), 59 - 65.
19. Shanmugavelu, V.A., Raghunath, P.N., Ramachandran, N. and Suguna, K. (2016), **Experimental and Analytical Studies on RC Beams with GFRP Laminates**, International Journal of Applied Engineering Research, 11(3), 1950 - 1953.
20. Shanmugavelu, V.A., Raghunath, P.N., Ramachandran, N. and Suguna, K. (2015), **An Experimental Study on Concrete Beams with FRP Laminates**, Asian Journal of Applied Sciences, 3(3), 473 - 478.
21. Dhevasenaa, P.R., Raghunath, P.N. and Suguna, K. (2015), **Strength and Ductility of GFRP Strengthened Corrosion-damaged RC Columns**, Asian Journal of Engineering and Technology, 3(2), 101 - 110.
22. Dhevasenaa, P.R., Raghunath, P.N. and Suguna, K. (2015), **Regression Model for Predicting Study Parameters of GFRP Strengthened Corrosion-damaged RC Columns**, International Journal of Engineering Science and Innovative Technology, 4(2).
23. Sathishkumar, V., Raghunath, P.N. and Suguna, K. (2015), **Critical Factors Influencing Financial Risk in Construction Projects**, International Journal of Applied Engineering Research, 10(3), 7033 - 7047.
24. Sathishkumar, V., Raghunath, P.N. and Suguna, K. (2015), **Critical Factors Influencing Management Risk in Construction Projects**, International Journal of Engineering and Sciences, 4(1), 37 - 46.
25. Parthiban, B., Suguna, K. and Raghunath, P.N. (2015), **Flexural Behaviour of Hybrid Fibre Reinforced Concrete Beams Strengthened with FRP Laminates**, International Journal of Engineering Science and Innovative Technology, 4(2), 328 - 334.
26. Arunmozhi, S., Suguna, K. and Raghunath, P.N. (2015), **A Study on Quality Management in Construction Projects**, Asian Journal of Engineering and Technology, 3(1), 65 - 72.
27. Arunmozhi, S., Suguna, K. and Raghunath, P.N. (2015), **A Study on Quality Performance in Building Construction Projects**, International Journal of Engineering Sciences and Management, 5(1), 31 - 36.
28. Arunmozhi, S., Suguna, K. and Raghunath, P.N. (2015), **Analysis of Critical Factors Affecting Performance of Quality in Building Construction Projects**, International Journal of Innovation Sciences and Research, 4(3), 100 - 104.

## National Journals

1. Saravanan, J., Suguna, K., Raghunath, P.N. (2015), **Regression Analysis for FRP Jacketed HSC Columns**, Journal of Structural Engineering, 4(6), 642 - 648.