

## Dr.N.GURUMOORTHY – List of publications

- O.Vinothini, N.Gurumoorthy&Y.M.Siddaramaiah, “Analytical Investigation on Behaviour of Concrete Beam Containing Used Foundry Sand and Bottom Ash”, *Journal of Seybold Report*, 15(9), 2020, pp.1035-1040
- K.Ramesh, R.Shanmugasundaram&N.Gurumoorthy, “Mechanical Properties of Rice Husk Ash Hybrid Fiber Reinforced Concrete”, *Journal of Seybold Report*, 15(9), 2020, pp.1035-1040
- P.MaryDayana, N.Gurumoorthy, &T.J.Vijay, “Effect of Different Bracing Systems in Reinforced Concrete Frames under Cyclic Loading”, *International Journal of Innovative Technology and Exploring Engineering*, 9(7), 2020, pp.704-708
- N.Gurumoorthy&K.Arunachalam, “Durability Studies on Concrete Containing Treated Used Foundry Sand”, *Construction and Building Materials*, 201, 2019, pp.651–661.**Impact factor: 4.419**
- N.Gurumoorthy&C.Jaideep, “Influence of Used Foundry Sand and Ceramic Waste in Concrete”, *International Journal of Engineering Research & Technology*, 7 (5), 2018, pp.308-310.
- M.Mohan, N.Gurumoorthy, &A.Chandrasekar, “Effective utilization of sugarcane Bagasse ash and marble dust in Manufacturing of sustainable clay Bricks”, *International Journal of Civil Engineering and Technology*, 9(11), 2018, pp. 974-980.
- N.Gurumoorthy&T.Manikandan, “Evaluation of Critical J-Integral and Critical Stress Intensity Factor for Foundry Sand Concrete”, *International Journal of Earth Sciences and Engineering*, 9(1), 2016, pp.68-71.
- N.Gurumoorthy&K.Arunachalam, “Micro and mechanical behaviour of Treated Used Foundry Sand concrete”, *Construction and Building Materials*, 123, 2016, pp.184–190.**Impact factor: 4.419**
- S.Parthibavelan, N.Gurumoorthy, & V. Saraswathy, “Incorporation of industrial iron wastes as ingredients in making an energy efficient concrete”, *International Journal Scientific Research*, 5(6), 2016, pp.163-167.
- N.Gurumoorthy&C.Jaideep, “An experimental study on mechanical properties of Concrete using fly ash and glass particles”, *Global Journal of Engineering Science and Researches*, 2(3), 2015, pp.132-136.
- N.Gurumoorthy“Influence of Marble Dust as Partial Replacement of Cement in Concrete”, *International Journal of Engineering Research & Technology*, 3(3), 2014, pp.740-74.
- N.Gurumoorthy&C.Jaideep, “Performance Evaluation of Critical J-Integral (J1C) with High Volume Flyash Concrete”, *International Journal Engineering Trends and Technology*, 4(4), 2013, pp.815-820.