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Area of Specialization: Concrete Structures, Finite Element Modelling and Water Quality Analysis

Recent Publications:

1. Mahudeswaran Narmatha, Prince Arulraj, **Jabar Abdul Bari** (2020), "Effect of magnetic water treatment for mixing and curing on structural concrete" *Materials Today: Proceedings*, In press, corrected proof, Available online 27 June 2020
2. **J. Abdul Bari**, G.Vennila, (2020), "Spatial analysis of rainfall in northern part of Erode district, Tamil Nadu, India using GIS", *Indian Journal of Geo-Marine Sciences*, Vol.49(6), pp. 1108-1113.
3. **J. Abdul Bari**, M. Jamuma, (2020), "Assessment of Hydrogeochemistry and Evaluation of Groundwater Quality Feasibility Zones in Bhavani Taluk, Tamilnadu, India", *International Journal of Advanced Science and Technology*, Vol. 29(7), pp. 8323-8333 (ISSN: 2005-4238).
4. **Dr. J. Abdul Bari**, P. Jayasurya, M. Vignesh, M. Harikrishnan, "Experimental Investigation on Self Compacting Concrete Using Waste Foundry Sand and Coconut Shell", *International Journal of Scientific Research in Engineering and Management*", Volume: 04 Issue 04 April 2020, ISSN: 2582-3930.
5. **Dr. J. Abdul Bari**, Mohammed Abbas .S "A STUDY ON PLANNING DESIGNING AND CONSTRUCTION METHODOLOGY USED IN WEDDING MAHAL", *International Journal of Scientific Research in Engineering and Management*", Volume: 04 Issue 04 April 2020, ISSN: 2582-3930.
6. S. Umamageshwaran and **J. Abdul Bari** " Investigation on Self Compacting Concrete using Steel and Sisal Fibre" *Our Heritage Journals*, Vol. 22, Issue 03, 2020, pp.500-507. ISSN: 0474-9030.

7. K.S.Krithiga, **J.Abdul Bari**, “Experimental Investigation of Self Compacting Concrete using Hybrid Fibre” International Journal of Scientific Research and Review, Vol. 7, No.3, 2019, pp. 177-183
8. S.Vigneshkannan, **J.Abdul Bari**, “Numerical Investigation on Behavior of Cold Formed Built up Steel Columns” International Journal of Innovative Research Explorer, Volume 5, Issue 4, April/2018, pp.16-21.
9. K.S.Krithiga, **Dr.J.Abdul Bari**, “Seismic Analysis of Framed Structures – A Review” International Journal of Innovative Research Explorer, Volume 5, Issue 5, May/2018, pp.60-64.
10. M.Velumani, **J.Abdul Bari**, S.Mrunnalika, “Strengthening of RC Elements using Carbon Fiber Reinforced Polymer – Review” International Journal of Engineering Technology, Management and Applied Sciences, Vol.5, Issue 1,(2017), pp.76-81.
11. **J.Abdul Bari**, M.Velumani, B.Monisha, “An Investigation on Effects of Cement Concrete with an Addition of Corrosion Inhibitors – Review”, International Journal of Engineering Technology Science and Research, Vol.4 Issue 1, (2017) pp. 1-8
12. S.Vigneshkannan, **J.Abdul Bari** and P.Easwaran, “A General Study of Light Gauge Steel Structures” International Journal of Advanced Research Methodology in Engineering and Technology, Vol.1 Issue 4, Dec 2017.
13. S.Sridevi, **J.Abdul Bari**, “Strength Characteristics of Self Compacting Concrete Containing Flyash and Silicafume”, International Journal of Scientific Research in Science, Engineering and Technology, Vol.2 (2), (2016).
14. **J.Abdul Bari**, G.Vennila, T.Subramani, M.Suresh, D.Karunanidhi, T.M.Shanmuga Raja. (2016), “Hydrogeochemical investigation of Groundwater in Bhavani Taluk, Erode District, Tamil Nadu, India using GIS”, *Indian Journal of Geo-Marine Sciences*, Vol.45(9), pp. 1154-1161.