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### **List of Publications**

- With Ramkumar K.B, Noor Ahmmad Shaik, and Jegan M, "A Review on Performance of Self-Compacting Concrete – Use of Mineral Admixtures and Steel Fibres with Artificial Neural Network Application", Construction and Building Materials, Vol.261, 2020.
- With Durga Prasad Mathangi, Sudha C and Neelamegam M, "Experimental Investigation of Reactive Powder Concrete exposed to Elevated Temperatures", Construction and Building Materials, Vol.261, 2020.
- With N.Ganapathy Ramasamy and M.Lakshmipathy "Optimization and Experimental investigation of High-Performance concrete", IOP Conf. Series: Materials Science and Engineering, Vol. 912, 2020.
- With John Clinton, "Flexural Behaviour of Prestressed Composites Beams", ARPN Journal of Engineering and Applied Sciences. Vol.14, No.14, 2019.
- With L.Krishnaraj and P. T. Ravichandran "An Investigation on Strength Properties and Micro-Structural Properties of Pozzolan Mortar Mixes", Advances in intelligent systems and computing (Springer Book Series), Vol.846, 2019.
- With V.T.Ashok Kumar and P. T. Ravichandran "Use of Textile Effluent Treatment Plant Sludge as Sustainable Material in Brick Manufacturing", Advances in intelligent systems and computing (Springer Book Series) Vol.846, 2019.
- With P.Manoharan, P. T. Ravichandran and R.Annadurai "Studies on Properties of Concrete Using Crumb Rubber as Fine Aggregate", Advances in intelligent systems and computing (Springer Book Series), Vol 846, 2019.
- With P. T. Ravichandran, G.Priyanga, and K.Divya Krishnan "Compaction Behaviour of Rubberized Soil", Advances in intelligent systems and computing (Springer Book Series), Vol.846, 2019.
- With A.Manimaran, Gopinath G and P. T. Ravichandran "Experimental Study on Fresh and Hardened Concrete Properties Using Magnetized Water and Styrene Butadiene Rubber (SBR)", Journal of Advanced Research in Dynamical and Control systems, Vol.10, Special Issue 04, 2018.
- With Alluri Rajesh and P.T.Ravichandran "Behaviour of High Performance Hybrid Fibre Reinforced Concrete Under Elevated Temperature", Journal of Advanced Research in Dynamical and Control systems, Vol.10, Special Issue 08, 2018.

- With S.Kalai Selvi, A.Manimaran and P. T. Ravichandran “Pushover Analysis for Evaluating Seismic Performance of RC Frame Structure Building With and Without Shear Wall and Corrugated Steel Shear Wall”, Journal of Advanced Research in Dynamical and Control systems, Vol.10, Special Issue 04, pp 1199 – 1209, 2018
- With P. T. Ravichandran, Arul Raj and Divya Krishnan, “Performance study on strength characteristics of high performance concrete using rice husk ash”, Journal of Mines, Metals and Fuels, pp 78-80, 2018.
- With Samrat Gupta, P.T. Ravichandran and L.Krishnaraj “Seismic Behaviour of Transfer Girder in multi-storey building”, International Journal of Engineering and Technology, Vol.7, No.2.33, 2018
- With Rahul, P. T. Ravichandran, “Characteristic Study on High Performance Hybrid fibre reinforced concrete using Copper Slag fine aggregate”, International Journal of Engineering and Technology, Vol.7, No.2.33, 2018
- With Krishnaraj and Shyam Sundar, “Characteristic Studies on High Performance Hybrid Fibre Reinforced Concrete”, International Journal of Pure and Applied Mathematics, Vol.118, No.20, 2018.
- With Krishnaveni and Ravichandran, “Study on Concrete Using Plastic Waste as Partial Replacement Material for Fine Aggregate”, International Journal of Pure and Applied Mathematics, Vol.118, No.20, 2018.
- With C. Sudha, K. Divya Krishnan and P. T. Ravichandran, “Strength Characteristics of High Strength Concrete using M-sand”, Indian Journal of Science and Technology, Vol.9, No.41, Nov 2016.
- With P.T. Ravichandran, J.K.Ravi and L.Krishnaraj, “Investigation on the Compatibility of Cement Paste with SNF and PCE based Superplasticizers”, Indian Journal of Science and Technology, Vol.9, No.34, Sep 2016.
- With L.Krishnaraj and P. T. Ravichandran, “Effectiveness of Alkali Activators on Nano Structured Flyash in Geopolymer Mortar”, Indian Journal of Science and Technology, Vol.9, No.33, Sep 2016.
- With L.Krishnaraj and P.T.Ravichandran, “Investigation on Effectiveness of the Top Down Nanotechnology in Mechanical Activation of High Calcium Fly Ash in Mortar”, Indian Journal of Science and Technology, Vol.9, No.23, June 2016.
- With P. T. Ravichandran, A. Shiva Prasad and K. Divya Krishnan “Effect of Addition of Waste Tyre Crumb Rubber on Weak Soil Stabilisation”, Indian Journal of Science and Technology, Vol.9, No.5, Feb 2016.
- With K. Divya Krishnan, C. Sudha, P. T. Ravichandran and T. D. Vigneshwaran “Study on use of Industrial Waste in Preparation of Green Bricks”, Indian Journal of Science and Technology, Vol.9, No.5, Feb 2016.
- With C. Sudha, P. T. Ravichandran, K. Divya Krishnan and A. Anand “Study on Mechanical Properties of High Performance Concrete using M-Sand”, Indian Journal of Science and Technology, Vol.9, No.5, Feb 2016.
- With K. Divya Krishnan, P. T. Ravichandran and T. Aarthi Harini, “Study on the use of Bagasse Ash Paver Blocks in Low Volume Traffic Road Pavement”, Indian Journal of Science and Technology, Vol.9, No.5, Feb 2016.

- With K. Francis Yakobu, P. T. Ravichandran and C. Sudha “Influence of GGBS on Rheology of Cement Paste and Concrete with SNF and PCE based Superplasticizers”, Indian Journal of Science and Technology, Vol.8, No.36, Dec 2015.
- With Bobby A. Mathew, C. Sudha and P. T. Ravichandran “Investigations on Tensile Properties of High Strength Steel Fibre Reinforced Concrete”, Indian Journal of Science and Technology, Vol.8, No.28, Oct 2015.
- With V. Umamaheswaran, C. Sudha and P. T. Ravichandran “Use of M Sand in High Strength and High Performance Concrete”, Indian Journal of Science and Technology, Vol.8, No.28, Oct 2015.
- With U. P. Vijay and P. T. Ravichandran “Seismic Response Control of RC Structure using ViscoElastic Dampers”, Indian Journal of Science and Technology, Vol.8, No.28, Oct 2015.
- With L. Krishnaraj, P.T. Ravichandran and R. Annadurai “Study on Micro Structural Behavior and Strength Characteristics of Ultra Fine Fly Ash as a Secondary Cementitious Material with Portland Cement”, International Journal of Chemtech Research, Vol.7, No.2, 2014-2015.
- With Manisha Gunturi, P.T.Ravichandran, Divya Krishnan K and R.Annadurai, “Micro level Analysis of RBI 81 Stabilized Expansive Soil”, International Journal of Chemtech Research, Vol.7, No.2, 2014-2015.