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Areas of Interest	Concrete Technology, Reinforced concrete, NDT of RC Structure, Repair and rehabilitation of RC Structures	
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Selected Publications (Past five years)

1. Baskar Sangoju, Radhakrishna G. Pillai, Gettu, R., **Bharatkumar, B.H.**, and Nagesh R. Iyer, (2015) "Use of Portland cement to enhance the service life of reinforced concrete exposed to chloride attack", ASCE Journal of Materials in Civil Engineering.
2. Prameethaa J., **Bharatkumar B.H.**, and Nagesh R. Iyer, (2015) "Investigation on micronized biomass silica as a sustainable material", International journal of Cement & Concrete Composites, Vol.60, pp 25-33.
3. Smriti Raj, Ramesh kumar V. **Bharatkumar B.H.**, Smitha Gopinath and Nagesh R. Iyer,(2015) "Flexural studies on basalt fibre reinforced composite sandwich panel with profile sheet as core", International journal of Construction and Building materials, Vol.82, pp 391-400.
4. Prabhat R Prem, Murthy A.R.C and **Bharatkumar, B.H.**, (2015) "Influence of curing regime and steel fibres on the mechanical properties of UHPC", International journal of Magazine of concrete.
5. Ambily, P.S., Umarani, C., Ravisankar, K., Prabhat R. Prem, **Bharatkumar, B.H.**, Nagesh R. Iyer, (2015) "Studies on ultra-high performance concrete incorporating copper slag as fine aggregate", International journal of Construction and Building materials, Vol. 77, pp 233-240.
6. Prabhat Ranjan P., **Bharatkumar B.H.**, and Nagesh R Iyer, (2013) "Influence of curing regimes on compressive strength of ultra-high performance concrete", Sadhana Journal, Vol.38 (6), pp 1421-1431.
7. Balasubramanian, K., Lakshmanan, N., Antony Jeyasehar, C., Ramesh, G. and **Bharatkumar, B.H.**, (2012) "Evaluation of performance of retrofitted reinforced concrete beam column joints- A simplified Model", Asian Journal of civil engineering (Building & Housing), Vol.13 (6), pp 783-803.
8. Bhaskar, S., Gettu, R., **Bharatkumar, B.H.**, and Neelamegam, M.,(2011) "Studies on chloride induced corrosion of reinforcement steel in cracked concrete", SDHM: Structural Durability & Health Monitoring, Vol .7 (4), pp. 231-252.
9. Bhashya, V., Ramesh, G., Sundar Kumar, S., **Bharatkumar, B.H.**, Krishnamoorthy, T. S., and Nagesh R. Iyer, (2011) "Experimental and analytical studies on concrete cylinders wrapped with fiber reinforced polymer", International journal of Computers, Materials and Continua (CMC) journal, Vol. 25 (1), pp 47-73.
10. Bhaskar, S., Ravindra Gettu, **Bharatkumar, B.H.** and Nellamegam, M.,(2011) "Chloride-induced corrosion of steel in cracked OPC and PPC concrete: experimental study", Journal of Materials in Civil Engineering, ASCE, Vol. 23 (7) , pp 1057-1066.