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LIST OF PUBLICATIONS

1. **Sivasubramanian K.**,Jaya K.P, Ramanjaneyulu, K (2015), “Improved thermography technique for identifying structural elements under ambient conditions”, Current science, India, Vol. 108, No. 10, pp.1882-1889.
2. **Sivasubramanian K.**,Jaya K.P , and.Neelamegam M,(2016), “Virtual Edge Extension Technique to Reduce the Edge Effect in Impact-Echo Method”, Journal of Performance of Constructed Facilities, ASCE, Vol. 30, No. 2. pp.04014205(1) - 04014205(9).
3. Raghavendra, D S, **Sivasubramanian, K**, Sivakumar, A, Hareesh, M(2016), “Experimental evaluation of crack depth in concrete specimens using time-of-flight technique”,Journal of Structural Engineering, India, Vol. 43, No. 3, pp. 311-318.
4. Lakshmikandhan K N, Harshavardhan BS, Prabakar J and **Sivasubramanian K** (2017), “Development of Lightweight Concrete Infilled Sandwich Wall Panel”, Asian Journal of civil Engineering, Iran, Vol. 18, No. 8, pp. 1229-1240.
5. Sivakumar P, Lakshmikandhan K N, **Sivasubramanian K**, Ravichandran R (2017), “Novel Precast Ferrocement Toilet Core Unit (ToCo)”, The Master Builder, India, Vol.19, No.9, pp.118-120.
6. Bhaskar, S, Vasanthakumar, S, Ramanjaneyulu, K, **Sivasubramanian, K**(2018), “Rebar identification, cover thickness and diameter estimation in reinforced concrete members using cover meter and GPR techniques”, Indian Concrete journal, India, Vol. 92, No. 2, pp. 25-34.
7. Christi S, **Sivasubramanian K**, Lakshmikandhan K N, Venkatesan V and Sivakumar P(2018), Condition assessment of a thin walled monolithic concrete structure, Indian Concrete Journal, Vol. 92, No.9, pp.25-35
8. Bhaskar Sangoju, Ramanjaneyulu K, Saptarshi Sasmal, Srinivas V, **Sivasubramanian K.**, (2019) “NDT for condition assessment of IDCT RC walls and repair measures for long term durability”, Construction and Building materials, Vol. 218, pp. 270-283.