

# Revanasiddappa Madihalli

BE, M.Tech

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## Biography

Prof. Revanasiddappa has 09 years of experience in teaching and 03 Years of experience in research. He received BE in Civil Engineering from Sri Taralabalu Institute of Technology and M.Tech in structural Engineering from Siddaganga Institute of Technology, Tumkur. He is currently pursuing his Ph.D at SVCE research centre. . His area of interest includes Advanced Concrete Technology, Optimization, reliability Based design, etc.

He has published 10 papers in national / international journals and conferences. He has also filed and published 1 patent. He had acted as resource person for various workshops, and working in various verticals such as Institute Innovation Council, NISP etc.

## Research Interests

- Advanced Concrete Technology
- Reliability Based Design
- Optimization Technique

## Selected Publications

1. Latha M S, Revanasiddappa Madihalli, Naveen Kumar B M, **Influence of stirrup spacing on shear resistance and deformation of reinforced concrete beams** International Journal of Engineering & Technology, 2018.
2. Latha, M.S., Naveen Kumar, B.M., Madihalli, R., Deepika, R., Rudraswamy, M.P. **Strength characteristics of high performance concrete using bagasse ash and slag sand**, International Journal of Emerging Trends in Engineering Research, 2020, 8(6), pp. 2486–2489, 45
3. Revanasiddappa Madihalli, Latha M S, Dattatreya J K, **Optimization of high performance concrete mix incorporating fly ash and slag aggregates using statistical approach**, International Journal of Civil Engineering and Technology, 2018, 9(11), pp. 1870–1882

4. Naveen Kumar B M, Latha M S, Revanasiddappa Madihalli, Mala N. **Strength, Durability and Toughness of Steel Slag Concrete**, International Journal of Civil Engineering and Technology (IJCET), Volume 8, Issue 10, October 2017, pp. 386–394
5. Latha M S, Naveen Kumar B M, **Behavior of Reinforced Concrete Beam with Opening**, International Journal of Civil Engineering and Technology (IJCET), Volume 8, Issue 7, July 2017, pp. 581–593, Article ID: IJCET\_08\_07\_062
6. Naveen Kumar, B.M., Revanasiddappa Madihalli., Murali, C.T., Rudraswamy, M.P., **Analytical and experimental study of flexural behaviour of slag sand reinforced concrete beams with various duct openings**, International Journal of Recent Technology and Engineering, 2019, 8(1), pp. 1130–1135
7. Revanasiddappa Madihalli, Naveen Kumar B M, Priyanka, **Study on Influence of Recron Polyester Fibers and Slag Sand on the Performance of Concrete**, International Journal of Civil Engineering and Technology (IJCET), Volume 8, Issue 8, August 2017, pp. 1271–1278, Article ID: IJCET\_08\_08\_137