

Dr. Latha M S

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Biography

Dr. Latha M S has 18 years of experience in teaching. She received BE, Civil Engg. and ME, Structural Engineering from Bangalore University and completed her doctorate at Indian Institute of Science, Bengaluru. Her area of interest includes Masonry Structures, Structural design, Alternate Building Materials, Concrete Technology.

She has published around 15+ papers in national / international journals and conferences. She has also filed and published 1 patent. She is a Life member of ISTE, ICI.

She has received grants of Rs. 20 Lakh from VGST under K-FIST L1 and Rs. 15 Lakh from DST International Bilateral Proposal with Uzbekistan. She has received award **Research Publication Award from VGST.**

Research Interests

- Masonry Structures
- Structural Design
- Alternate Building Materials
- Concrete Technology
- Sustainable Materials

Selected Publications of AY 2020 & 2021

1. Latha M S, Pratibha K, “Analysis and comparison of conventional slab and grid slab for symmetric and asymmetric structures”, **Materials Today: Proceedings**, 2021, Vol. 46, pp. 1860-1869, <https://doi.org/10.1016/j.matpr.2020.12.1245>
2. Latha M S, “Model approach to optimize cement, clay and coconut coir in stabilised coir blocks”, **International Journal of Advanced Research in Engineering and Technology**, 2020, Vol. 11(12), pp. 2100-2105, 10.34218/IJARET.11.12.2020.199
3. Latha M S, Naveen Kumar B M, Revanasiddappa M, R Deepika, Rudraswamy, “Strength Characteristics of high performance concrete using bagasse ash and slag sand, **International**

Journal of Emerging Trends in Engineering Research, 2020, Vol. 8(6), pp. 2486-2489,
<http://dx.doi.org/10.30534/ijeter/2020/45862020>

4. Naveen Kumar B M, Latha M S, Priyanka S, Rudraswamy, “Flexural behavior and validation of reinforced concrete beams with opening using foundry sand”, **International Journal of Recent Technology and Engineering**, 2020, Vol. 8 (5), 10.35940/ijrte.E4900.018520