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Total experience (in years): 7.5 Years

Specialization: Construction Engineering and Management

Research areas: Construction materials, Concrete Technology and Construction Management

ACADEMIC PROFILE

Teaching Expertise: Surveying, Concrete Technology, Estimation and Specification, Construction Management, Construction Materials, Irrigation Engineering and Environmental Science.

Publications:

- Sharmila, S., Parvati, T.S.(2020) Experimental study on manufacturing of bricks using e-waste for green environment, *Journal of Green Engineering*, 10(10), pp. 8401–8413
- Sharmila, S., Parvati, T.S.(2020) Experimental investigation of fractional restoration of cement and fine aggregate with nano-silica and e-waste in cement concrete for sustainable development, *Journal of Green Engineering*, 10(10), pp. 8478–8487
- Jini, D., Sharmila, S (2020), Green synthesis of silver nanoparticles from *Allium cepa* and its in vitro antidiabetic activity, *Materials Today: Proceedings*, 22, pp. 432–438
- Karthick, R.SamuelDevadoss, S.Sharmila, and S.Karthikeyan,(2020) Assessment Of Meteorological Parameters For Flat Terrain Condition By Using AERMET a Pre-Processor Dispersion Model, *Research Journal of Chemistry and Environment*, 24(8), 96-107.
- J. Karthick, R. Samuel Devadoss, S.Sharmila and R.Natesan.(2020) Investigational assessment on gaseous stack emissions from liquid form of fuels under various loading conditions, *PollutionResearch*,39(2), S106 – S112.
- S. Sharmila* Dr. R. Samuel Devadoss “Experimental study on properties of strength and durability of concrete by partial replacement of cement with egg shell powder

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- “S. Sharmila* Dr. R. Samuel Devadoss Felix Mathew “ IMPACT OF MECHANISATION IN CONSTRUCTION PROJECTS IN INDIA” International Journal of Civil Engineering and Technology (IJCIET) Volume 09, Issue 13, December 2018,ISSN Print: 0976-6308