Dr. Suman Saha - LIST OF PUBLICATIONS

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i) **Saha, S.,** Rajasekaran, C. and Gupta P. "Performance of Eco-Friendly Mortar Mixes Against Aggressive Environments." *Advances in Concrete Construction*, 10 (3), 237-245, doi: https://doi.org/10.12989/acc.2020.10.3.237

ii) **Saha**, **S.,** and Rajasekaran, C. (2020). "Strength and Shrinkage Properties of Heat Cured Fly Ash Based Geopolymer Mortars Containing Fine Recycled Concrete Aggregate." *Journal of Testing and Evaluation*, 48 (6), 4735-4747, doi: https://doi.org/10.1520/JTE20180799

iii) **Saha**, **S.,** Nisar, SK., and Rajasekaran, C. (2020). "Volume Change Characteristics of Eco-Friendly Mortar Mixes Produced with Geopolymeric Binder and Recycled Fine Aggregate." *Journal of Testing and Evaluation,* 48 (1), 692-710, doi: https://doi.org/10.1520/JTE20180316

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vi) Kagadgar, S. A., **Saha**, **S.,** and Rajasekaran, C. (2017). "Mechanical and Durability Properties of Fly Ash Based Concrete Exposed to Marine Environment." *SSP - Journal of Civil Engineering*, 12 (1), 7-18, doi**:** https://doi.org/10.1515/sspjce-2017-0001

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i) Kamyar, B. S., **Saha, S.,** Barros, J. A. O., Valente, I. B., Dias, S. and Leite, J. (2020). "Development and Mechanical Characterization of Dry Fiber-Reinforced Concrete for Pre-Fabricated Prestressed Beams." Fibre Reinforced Concrete:

Improvements and Innovations, RILEM Bookseries, Volume 30, Springer Switzerland. (***in press***)

ii) **Saha**, **S.,** Rajasekaran, C., and More, A. (2019). "Use of Foundry Sand as Partial Replacement of Natural Fine Aggregate for the Production of Concrete." *In: Das B., Neithalath N. (eds) Sustainable Construction and Building Materials, Lecture Notes in Civil Engineering, Volume 25, Springer Singapore,* 61-71. doi: https://doi.org/10.1007/978-981-13-3317-0_6

iii) **Saha**, **S.,** and Rajasekaran, C. (2019). "An Experimental Investigation to Determine the Properties of Fly Ash Based Geopolymers as per Indian Standards*." In: Rao A., Ramanjaneyulu K. (eds)* Recent Advances in Structural Engineering - Volume 1, *Lecture Notes in Civil Engineering, Volume 11, Springer Singapore,* 657-668. doi: https://doi.org/10.1007/978-981-13-0362-3_53

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iv) **Saha**, **S.,** and Rajasekaran, C. (2017). "Effects of Alkaline Solution on the Properties of Slag Based Geopolymer." *International Conference on Recent Advances in Materials, Mechanical and Civil Engineering (ICRAMMCE-2017), Hyderabad, 1st - 2nd June, 2017.*

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vi) Kotian, R. S., **Saha**, **S.,** and Rajasekaran, C. (2017). "Study on Optimizing the Ratio of Rice Husk Ash to Lateritic Soil for Producing Geopolymeric Interlocking Pavers." *National Conference on Emerging Trends in Science and Engineering – 2017, Shri Madhwa Vadiraja Institute of Technology & Management, Bantakal, Udupi, India, 23rd – 24th February, 2017.*

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x) **Saha**, **S.,** Rajasekaran, C. and Pai, V. T. (2015). "Use of Recycled Coarse Aggregates as an Alternative in Construction Industry – A Review." *4th International Engineering Symposium (IES 2015), Kumamoto University, Japan, 4th - 6th March 2015,* C 6-2-1 to C 6-2-6.