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Publications:

- 1. **Praveen Kumar,** S C Boobalan,(2013) "Impact of Saw Dust and Crushed Waste Glass in the Properties of Sandcrete Blocks –A General Review", International Journal of Advanced Scientific and Technical Research, Volume 1, issue 3, Jan-Feb 2013.
- 2. **S Praveenkumar,** K Murugesan, N Sharan Nikhil (2017), "Influence of Marble Powder and Fly Ash in Fresh and Hardened Properties of Self Compacting Concrete", International Journal of ChemTech Research, Volume 10, issue 8, Pp. 314-317, 2017.
- 3. **S Praveenkumar,** J Shanmugasundaram, B Samynathan (2017), "Effect of Bagasse Ash in Properties of Cement Paste and Mortar", International Journal of ChemTech Research, Volume 10, issue 8, Pp. 219-225, 2017.
- 4. **S Praveenkumar,** G Sankarasubramanian (2018), "Stimulus of Agro-Industrial Waste to Make Eco-Concrete-A Review", **Ecology, Environment and Conservation**, EM International, Volume-24, Issue-2, Pp.824-833, June 2018.
- 5. **S Praveenkumar,** G Sankarasubramanian (2018), "Effect of Fibres on Strength and Elastic Properties of Bagasse Ash Blended High Performance Concrete Composites", Journal of Testing and Evaluation, ASTM International Volume 48, Issue 2, March 2020.
- 6. **S Praveenkumar,** G Sankarasubramanian(2019), "Behavior of Bagasse ash blended reinforced concrete beams with steel-Polypropylene fibres in flexure", **Romanian Journal of Materials**, Serban Solacolu, Volume-49, Issue-2, Pp. 259-266, June 2019.

- 7. **Praveenkumar,** G Sankarasubramanian, S Sindhu (2019), "Selecting Optimized mix proportion of bagasse ash blended high performance concrete using Analytical hierarchy process (AHP)", **Computers and Concrete**, Techno press, Volume-23, Issue-6, Pp-459-470, June 2019.
- 8. **S Praveenkumar,** G Sankarasubramanian (2019), "Performance Evaluation of Beam Column Joint with High Performance Fibre Reinforced Concrete Composite Subjected to Quasi-Static Loading", Asian Journal of Civil Engineering, Springer Publication, 21, pages351–365.
- 9. **S** Praveenkumar, G Sankarasubramanian(2019), "Mechanical and durability properties of bagasse ash blended high performance concrete", **SN Applied science**, Springer Publication, Article number: 1664 (2019).
- 10. S Praveenkumar, G Sankarasubramanian, S Sindhu. "Strength, permeability and microstructure characterization of pulverized bagasse ash in cement mortars", Construction and Building Materials, Elsevier Publication, Volume 238, 30 March 2020, 117691.
- 11. **S Praveenkumar,** G Sankarasubramanian (2020), "Synergic Effect of Sugarcane Bagasse Ash Based Cement on High Performance Concrete Properties", *Silicon* Springer Publication, 2020.