**Mr J. Samuel**

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Total experience (in years): 25

Research area: Cold-Formed Steel, Steel, Reinforced Concrete & Composite Structures.

**Recent Publications**:

1. **J. Samuel** and Joanna, P.S. "Experimental study and numerical modelling on the behaviour of built-up cold-formed steel beams with diagonal web bars”, International Journal of Scientific and Technology Research, 2020, 9(2), pp. 2272-2276. (**Scopus** )
2. **J. Samuel** and Joanna, P.S. "The effects of braced web in cold-formed steel beams”, International Journal of Chemical Sciences, 2016, 14, pp. 377-385 (**Scopus** )
3. **J. Samuel,** J. Pravin, R. Divahar, P.S. Aravind Raj, P.S. Joanna “Performance enhancement of built-up cold-formed steel beams with diagonal rebars in web", **Elsevier -Materials Today**: Proceedings 29th August 2020. (To be scopus indexed).
4. Parvati, T.S. Namitha Jacob, **J. Samuel**, Joanna, P.S. “Behavior of high volume fly-ash concrete beams”, International Journal of Civil Engineering and Technology, 2018, 9(13), pp. 472-479. (**Scopus** )

**Patent Filed**:

1. Hindustan Institute of Technology and Science, Mr. **J. Samuel** and Dr. P.S. Joanna, 5745/CHE/2014 "Cold-Formed Steel beam for earthquake resistant constructions" Patent filed.