

An Experimental Study on Practical Replacement of Aggregate by using E Waste and Silica Fume as A Pozzlonic Material

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Abstract: Use of electronic waste and silica fume in concrete is a partial solution to environmental problems caused due to concrete. Use of e-waste and silica fume is going too studied in this report. In this study we are replacing cement by silica fume and coarse aggregate by e-waste. In this study we replacing cement by silica fume in 10% and replacing coarse aggregate by e-waste with a percentage of 5%, 10% and 15%. We decide to use M20 grade of concrete. We make concrete cubes of various proportions and check its compressive strength.

Keywords: Silica Fume, E-waste, Compressive Strength

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