

Experimental Studies on Replacement of Cement with Chalk Powder in Concrete

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Abstract: *The materials chosen for construction should be sustainable and should not endanger the resources. They should be conveniently used by the ordinary people and economical. Chalk powder is abundant, versatile, renewable and cheap. Reusing of chalk powder reduces the waste released by various schools, colleges and educational institutions. Since there is no standard method of disposal. The aim of this experimental study was to check whether there is a possibility of using the chalk powder in addition to the other constituents of concrete and to study the Strength properties. Behavior of cement concrete in terms of compressive strength for convention Concrete, Chalk Powder reinforced concrete. In this project cement will be replaced by chalk powder in various properties by Weight of cement in ranging from 5 to 30 percentage Hence the cubes prepared will be checked for their comprehensive strength and compared with conventional concrete. The perform on concrete will be noted.*

Keywords: Chalk Powder Reinforced Concrete, Chalk Powder, Compressive Strength, Admixture.

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