“EFFECT OF USE OF BAGASSE ASH ON STRENGTH OF CONCRETE”

ABSTRACT:

Due to pollution caused by the cement and scarcity of it, Researchers are looking for materials which can replace the cement.Such materials are Industrial waste and agricultural waste. Since agricultural waste is economical and eco friendly this material is used as replacement for cement and fine aggregate.Sugarcane Bagasse Ash is a kind of agricultural waste which is produced from burning of sugarcane bagasse at 600-800 degree centigrade. In this project we will study about the variations in strength of concrete when various proportions by volume of cement and various proportions of fine aggregate are replaced with sugarcane bagasse ash separately. slump cone and compaction factor tests will be conducted for fresh concrete and compressive strength, split tensile, flexural strength tests will be conducted for hardened concrete.

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