



Rice Husk Ash as Supplementary Material in Concrete – A Review

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Abstract : Concrete is major civil engineering construction material, because the ingredients of concrete are locally available materials. In ordinary concrete the cement is used as major binding material. The usage of cement in concrete causes lot of environmental pollution due to emission of green house gases. So that it is necessary to reduce usage of cement by introducing new supplementary cementitious materials which are the by-products of industries to reduce debris. The rice husk ash is one of the by product which is released from paddy. The usage of rice husk ash in concrete leads to development of high strength concrete and also reduces the self weight of the structure. The main aim of this review paper is to show the modified properties of concrete by introducing rice husk ash.

Keywords : Rice husk ash, compressive strength, splitting tensile strength, corrosion resistance.

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