**GREEN CONCRETE USING MARBLE**

**ABSTRACT**

This paper presents the use of marble as partial replacement in concrete. Marble sludge powder can be used as filler and helps to reduce the total voids content in concrete. We are replacing marble as partial replacement for fine aggregate (sand). Various Laboratory tests were conducted to evaluate the performance of various proportions of cement, we are checking for the workability, compressive strength, flexural strength and tensile strength. This project describes the feasibility of using the marble in concrete as partial replacement of sand.

In INDIA, the marble processing is one of the most thriving industry the effects if varying marble dust contents on the physical and mechanical properties of fresh and hardened concrete have been investigated. In India tonnes of marble waste in a cutting process in a stone industries. We can use this marble as partial replacement of sand and improve the properties of concrete.

Aniket Raut