**STUDY OF CONCRETE USING FLYASH AGGREGATES**

**ABSTRACT**

Many researchers have been executed within the vicinity of fly ash usage in the past. It in particularly concentrated on alternative of cement with fly ash but production of artificial aggregates with fly ash helps in using massive volume of ash in concrete. The sector is lots interested in this part currently due to this massive scale utilization which additionally reduces environmental pollution and dwindling of natural assets. This paper particularly makes a specialty of manufacturing system of light weight aggregates the usage of pelletizer and curing has been carried out in cold bonded technique. The properties of these fly ash aggregates have been tested and in comparison with natural gravel and the study shows at suggest that cold bonded fly ash aggregates may be used as an aggregate replacement material in concrete. The strength property and density of concrete made with artificial fly ash aggregates and natural gravel have been additionally studied which confirms that creation of fly ash aggregates in concrete reduces the compressive strength however meets the desired strength for use as a structural material.