

## ABSTRACT

Today Researches all over the world are focusing on ways of utilizing either industrial or agricultural wastes as a source of raw materials for the construction industry. This waste utilization would not only be economical but may also help to create a sustainable and pollution free environment. Coconut shell powder is manufactured from matured coconut shell. Coconut shell powder can be used as filler in concrete. In this work, coconut shell powder has been partially replaced in the ratio of 0%, 4%, 8%, and 12% by volume of fine aggregate in concrete. Hardened concrete tests like compression strength, split tensile strength and flexural strength were undertaken. The result shows that coconut shell powder can be suitable replacement to fine aggregate.