

## STUDY ON FRESH PROPERTIES OF SELF COMPACTING CONCRETE WITH PROCESS FLY ASH

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### ABSTRACT

Self compacting concrete (SCC) is a latest innovation in concrete technology and it is gaining popularity all over the world because of its self flow ability but it requires the large amount of powder content. We have replaced the cement by fly ash in different percentage in laboratory and variations in fresh properties of Self Compacting Concrete are studied. During the study Slump flow, slump flow  $T_{50\text{cm}}$  time, L box passing ratio test, V funnel passing time test were carried out according to the EFNARC standards. Studies show the increase in the flow ability of the self compacting concrete as fly ash percentage get increases.

**KEYWORDS:** Self Compacting Concrete, Fly Ash & Fresh Properties of SCC