**Effect of Different Types of Steel Fibers on Strength Parameters of Self Compacting Concrete**

**ABSTRACT:**

This research is based on investigating the effect of different types of steel fibers on strength parameters of self compacting concrete for M-40 grade of concrete using fibers like straight fiber, crimped fiber and hooked fiber. mix proportion of concrete was 1:1.79:2.54 and maintaining water cement ratio =0.35 in order to study the compressive strength, Split tensile strength, flexural strength, of steel fibre reinforced concrete (SFRC) containing fibers of 1%, 2% and 3% by volume of cement. Result data clearly shows that in 28 days there is increase of strength in Compressive strength, Flexural strength and Split Tensile strength upto 3% of addition of steel fiber for M-40 Grade of Concrete.

**KEYWORDS:** Different types of steel fibers proportions, M40 grade concrete, Mechanical properties of concrete.