CHAPTER-10

SCOPE FOR FUTURE WORK

The present study can be treated as platform for the new study or acting as a supporting document for a detail research in finding the different strength parameters. The following studies can be initiated so as to provide wide range of application in the field of steel fiber reinforced concrete in different sustained elevated temperatures.

1. The study can be done using different types of fibres such as polypropylene, carbon, GI, HDPE (high density poly ethylene) fibres in ternary blended combinations when subjected to different sustained elevated temperatures.

2. The study can also be made on the effect of sustained elevated temperatures on steel fibre reinforced tertiary blended concrete with combinations like (FA+SF+GGBFS), (FA+SF+MK), (FA+SF+RHA).

3. Effect of sudden cooling, gradual cooling and intermittent cooling on the properties of steel fibre reinforced ternary blended concrete when subjected to sustained elevated temperatures.

4. Effect of grade of concrete on the properties of steel fibre reinforced ternary blended concrete when subjected to sustained elevated temperatures.

5. Effect of different aspect ratios and different volume fractions on the properties of steel fibre reinforced ternary blended concrete when subjected to sustained elevated temperatures.

6. The effect of different aggregate types on the properties of steel fibre reinforced ternary blended concrete when subjected to sustained elevated temperatures.