









- 4%,but on 28 days test, the increase is found to be around 14%.
6. From the experimental analysis, 3% addition of nano silica and 2% addition of lime is considered to be optimum. With this replacement percentage, the strength of the stabilized sample is increased by around 202% compared with the unstabilized one.
  7. 4% addition of lime can be preferred for works that necessitates greater strength improvement.
  8. From the SEM analysis, the texture of the stabilized sample and the presence of surface reaction are identified.

Particle agglomeration is a problem that's been encountered while using nano silica as a stabilizer. As a future scope, dispersion studies can be done in order to overcome such a problem.

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