







4. The Beam is able to withstand high load and a large deformation without succumbing to the brittle fracture, even without the use of steel reinforcement.
5. The cracks width in the ECC is found to be very small when compared with the control mix.

#### VII. SCOPE FOR FUTURE WORK

The following are the some of the points recommended for further investigations.

1. Although by decreasing water/cementitious material ratio, ECC Concrete can achieve high strength concrete. But the workability will be very low. Therefore it is recommended that the casting should be done with the help of pan mixer so that workability can be improved.
2. More investigations and studies required to find out shear resistance of concrete so that the application of concrete in earthquake resistant structures can be tested.
3. More laboratory work to be done to find out the corrosion resistance capacity of concrete. Therefore it is

recommended that the testing can be done by casting ECC Concrete beams with steel reinforcing bars.

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