

COURSE TITLE : CONCRETE LAB
COURSE CODE : 404
COURSE CATEGORY : A
PERIODS/WEEK : 3
PERIODS/SEMESTER : 54
CREDITS : 2

EXPERIMENTS

1. Fineness Test on Cement
2. Sp. Gravity of cement
3. Consistency test on cement
4. Setting time of cement
5. Workability test of Concrete-Slump test
6. Workability test of Concrete-Compaction Factor Test
7. Compression Test on Cement Concrete Cubes.
8. Soundness test on cement
9. Design of concrete mix by IS code method
10. Bulking of sand.
11. Void ratio of fine and coarse aggregates.
12. Sieve analysis of fine and coarse aggregate.
13. Flakiness test on aggregates.