

CE8311 - CONSTRUCTION MATERIALS LABORATORY

LIST OF EQUIPMENTS

- ❖ Compression testing machine
- ❖ Sieve set (IS sieves 4.75 mm, 2.36 mm, 1.18 mm, 600 micron, 300 micron, 150 micron and 75 micron)
- ❖ Weighing Balance or scale (accuracy 0.5g)
- ❖ Pycnometer
- ❖ Cylindrical metal measure of 3 litre capacity
- ❖ Tamping rod
- ❖ Aggregate Crushing Value Apparatus
- ❖ Aggregate Impact Value Apparatus
- ❖ IS sieves 12.5 mm, 10 mm and 2.36 mm
- ❖ Weighing Balance or scale (accuracy 1 g)
- ❖ Length gauge
- ❖ Thickness gauge
- ❖ IS Sieves 40 mm, 31.5 mm, 25 mm, 20mm, 16mm, 12.5mm, 10mm, 6.3 mm
- ❖ Slump cone apparatus
- ❖ Compaction factor apparatus
- ❖ Concrete Cubes
- ❖ Concrete Cylinders
- ❖ Beam Mould
- ❖ Concrete mixing machine
- ❖ Trowels and Pans

