

## **1. Cement & Concrete Lab**

- Vicat needle apparatus
- Vibrating machine
- Triple beam balance
- Electrical muffle furnace
- Cement autoclave
- micrometer
- Mortar cube vibrator
- Air permeability apparatus
- Water bath
- Sieve shaker with electrical motor
- Vibrating table
- Hand operating concrete mixer
- Tile flexural strength tester
- Hot air Oven of temperature capacity 300°C
- Flow table
- Air source comprising foot pump
- Concrete permeability apparatus
- Concrete temperature meter



**Vibration table and casting yard**



**Mortar Mix in Cement Lab**



**Vicat Apparatus setting time measurement**



**Mortar cube vibrator**



**Blain's Air permeability for fineness measurement**