

## **Objectives**

1. To recall the fundamental concepts related to the behaviour and properties of concrete in its fresh state.
2. To understand the theoretical principles governing workability, setting time, air entrainment, and the effects of admixtures on fresh concrete.
3. To apply standard testing procedures for evaluating fresh concrete properties and assessing concrete quality.
4. To analyse, interpret, and present experimental results related to the performance of fresh concrete mixtures.