

Course Code	Course Name	Credits
26CH157	CHEMISTRY LAB	02

Objective

The objective of this laboratory course is to enable students to understand and verify fundamental principles of mechanics and properties of matter through experimental methods. Students will develop practical skills in conducting experiments, taking accurate measurements, analyzing data, and interpreting results.

1. Estimation of Hardness of water by EDTA method.
2. Estimation of HCl – std oxalic acid.
3. Estimation of Iron (II) Sulphate by KMnO_4 using a standard Mohr's salt solution.
4. Estimation of Alkalinity of water.
5. Estimation of ferrous sulphate – std FAS.
6. Estimation of Sodium Hydroxide - Standard Sodium Carbonate.
7. Determination of dissolved oxygen on water by winkler's method.
8. To determine the availability of chlorine in the given sample of bleaching powder by the iodometry method.
9. Estimation of Potassium dichromate.
10. Estimation of Sodium carbonate.
11. Estimation of potassium permanganate by permanganometry.

Students are required to perform and record at least eight experiments in the laboratory manual as part of the course requirements.

