

Course Code	Course Name	Credits
26CH154	QUANTITATIVE ANALYSIS-II	02

Objective

This laboratory course on quantitative analysis intends to teach students to collect and analyze numerical data to describe, predict and control variables of interest, to learn the different methods of expressing concentrations, to determine an unknown concentration in a sample using an analytical method and also understand the various types of titrimetric reactions and to impart knowledge on the quantitative analysis of different metal ions.

1. Estimation of HCl – std oxalic acid
2. Estimation of borax - Standard Sodium Carbonate
3. Estimation of Potassium dichromate
4. Estimation of Chloride in neutral medium. (Demonstration - experiment)
5. Estimation of ferrous sulphate – std FAS
6. Estimation of antacid
7. Estimation of Bleaching powder
8. Estimation of Potassium permanganate.
9. Estimation of sodium nitrite.
10. Preparation of N/10 Sodium thiosulphate and its standardization.

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

