

**BACHELOR OF SCIENCE in CHEMISTRY (HONS)**  
**SEMESTER – IV**

**ANALYTICAL CHEMISTRY PRACTICAL**  
**Paper Code: CH-404P**

**CH-404P ANALYTICAL CHEMISTRY PRACTICAL**

**PRACTICAL: 25 Marks**  
**45 Hours**

1. To determine Hardness of water using EDTA.
2. To estimate nickel using DMG.
3. To estimate calcium content in chalk as calcium oxalate by permanganometry.
4. To estimate reducing sugar by titration with standard Fehling solution/Benedict's solution.
5. To determine the equivalent weight of the given acid sample by direct titration method with alkali.
6. To determine the saponification value of the given fat or oil sample.
7. To estimate protein in the given sample by Folin Lowry method/Biuret method.
8. To estimate a reducing by colorimetric method.
9. To determine the concentration of a given sample by using Lambert-Beer's law.
10. To determine the amount of iodine from a given sample (salt) by titration method.

\*\*\*\*\*