

Lesson Plan (2023-2024)

Name: Shikha Rani

Designation: Assistant Professor

Subject: SEC (Skill Enhancement Course)

Class: B.Sc 2nd Sem

Month	Topics
February 2024	Chromatography: Definition, general introduction on principles of chromatography, Column Chromatography, paper chromatography, TLC and ion exchange chromatography Doubts of this chapter and assignment
March 2024	Analysis of soil: Composition of soil, concept of pH and pH measurement, Complexometric titrations, chelation, chelating agents, use of indicators Doubts of this chapter and assignment
April 2024	Analysis of water: Definition of pure water, sources responsible for contaminating water, water sampling methods, water purification methods. Doubts and class test of this chapter
May 2024	Analysis of food products: Nutritional value of foods, idea about processing and food preservation and adulteration Doubts and class test of this chapter Mid-term exam