

Practical Plan

Name of the college: Govt. College of Arts, Science and Com. Sanquelim, Goa

Name of Faculty: Varsha Sail **Subject:** Chemistry

Paper code: CHP-101, project **Program:** T.Y. BSc **Division:** A

Academic year: 2023 - 2024 **Semester:** VI **Total Practicals/Labs:** 10

Credits: 02

Course Objectives: Principle and techniques in synthesis and estimation of complex, study of reaction, spectra etc

Expected Course Outcome: Student should be able to synthesis complex of different types, characterise, determine spectra, carry out reactions

Student Learning Outcome: Student are introduced to different technique of synthesis complex, estimation, determine spectra carry out reactions

Month	Practicals/Labs Scheduled Date	No. of Practicals/Labs planned	List of Experiments	Reference books
				G.H. Jeffery, J. Bassett, J. Mendham, R. C. Denney, Vogel's Textbook of Quantitative Chemical Analysis, 5 th Edn. ELBS
June	28/06/24	06/07/24	Discussion	

July	8/07/24	13/07/24	Discussion n planning	Reference books : 1. J. Mendham, R. C. Denney, J.D. Barnes, M. Thomas, B. Sivasankar, Vogel's Textbook of Quantitative Chemical Analysis, 6 th Edn. Pearson 2. S. Ratan, Experiments in Applied Chemistry, 3 rd Edn. S.K. Kataria & Sons 3. O. P. Pandey, D. N. Bajpai and S. Giri, Practical Chemistry, Revised Edn. S. Chand.
	15/07/24	20/7/24	Sample collection analysis	
	22/07/24	27/07/24	Analysis/Estimation /Calculations	
	28/07/24	3/08/24	Analysis/Estimation /Calculations	
August	5/08/24	10/08/24	Analysis/Estimation /Calculations	
	12/08/24	17/08/24	Analysis/Estimation /Calculations	
	19/08/24	24/08/24	Analysis/Estimation /Calculations	
	26/08/24	31/08/24	Analysis/Estimation /Calculations	
September	2/09/24	14/09/24	Analysis/Estimation /Calculations	
	16/09/24	21/09/24	Analysis/Estimation /Calculations	
	23/09/24	28/09/24	Analysis/Estimation /Calculations	
	30/09/24	05/10/24	Analysis/Estimation /Calculations	
October	07/10/24	12/10/24	Analysis/Estimation /Calculations	
	14/10/24	22/10/24	Analysis/Estimation /Calculations	

