

# ACADEMIC PLANNER & UNITIZATION OF SYLLABUS

**Department: Chemistry**

**SEMESTER-IV**

**Core P10 - Organic Chemistry IV Lab.**

**AY:2023-24**

**Subject Teacher: Dr.MridulaAcharyya**

**SYLLABUS UNITIZATION:**

MONTH	WEEK	TOPICS to be TAUGHT
March	2	Estimation of glycine by Sørensen's formol method
March	3	Estimation of glucose by titration using Fehling's solution
March	4	. Estimation of sucrose by titration using Fehling's solution
April	1	<b>CLASS TEST</b>
April	2	Estimation of vitamin-C (reduced)
April	3	Estimation of phenol by bromination (Bromate-Bromide) method
April	4	Estimation of formaldehyde (Formalin)
May	1	<b>CLASS TEST</b>
May	2	Estimation of acetic acid in commercial vinegar
May	3	Estimation of urea (hypobromite method)
May	4	Estimation of saponification value of oil/fat/ester
June	1	<b>CLASS TEST</b>
June	2	Revision
June	3	Revision
June	4	Revision

## REFERENCES

1. Arthur, I. V. Quantitative Organic Analysis, Pearson
2. University Hand Book of Undergraduate Chemistry Experiments, edited by Mukherjee, G.N., University of Calcutta