

Zoology Department, Kalindi College (University of Delhi)
CURRICULUM PLAN (Aug.-Dec, 2022)

2022-23

Dr. P. P. Saini

Subject- Fundamentals of Biochemistry

Class- B. Sc. Hons. Zoology Sem III (CORE; Practical)

Day of Practical class- Tuesday

Shared with- Dr. K. Vandana Rani and Dr. Rani

Date	Contents
30 Aug	To understand the preparation and roles of two important biological buffer systems: phosphate and bicarbonate; Preparation of buffers and determination of pH
06 Sep	Qualitative tests of functional groups in carbohydrates
13 Sep	Qualitative tests of functional groups in proteins
20 Sep	Action of salivary amylase under optimum conditions
27 Sep	Quantitative Tests: Determination of Ascorbic acid – DCPIP method OR Estimation of Calcium–Titrimetric method
4 Oct	Effect of pH, temperature and inhibitors on the action of salivary amylase
11 Oct	Paper chromatography of amino acids
18 Oct	Qualitative tests of functional groups in lipids.
01 Nov	Demonstration of proteins separation by SDS-PAGE
November-Dec	REVISION and Mock TEST Practical Examination

NAME OF TEACHER

DR. P.P. SAINI