

Curriculum plan (Odd Semester 2025)

Teacher Name: **Dr. Shanuja Beri**

Paper name: **Biochemistry of Metabolic Processes DSC**

Course: **Zoology (Hons.) – IInd Year** (Sem III); Group: All (Practical)

Paper shared with: **Mr. Vikash Yadav**

Date	Practical
August	• Estimation of total protein in given solutions by Lowry's method
	• Detection of SGOT and SGPT in serum/ tissue.
September	• Study of biological oxidation (SDH) [goat liver • To study the enzymatic activity of Lipase. • Estimation of GST and GSH in serum/ tissue
October	• To perform the Acid and Alkaline phosphatase assay from serum/ tissue.
November	• Dry Lab: To trace the labelled 'C' atoms of Acetyl-CoA till they evolve as CO₂ in the TCA cycle through models. • Revision • Mock