

Curriculum plan (Odd Semester 2024-2025)

Teacher Name: **Ms. Shikha Rani**

Paper name: **Biochemistry: Metabolic Processes (Practical)**

Class type: Zoology II year (3rd sem)

Theory paper Shared with: Dr. K. Vandana Rani

Unit to be taken	Allocated lectures	Month wise schedule to be followed	Tests/Assignments/Revision/Presentations etc
Practical 1. Estimation of total protein in given solutions by Lowry's method.	4	August	
Practical 2 Detection of SGOT in serum/ tissue.	4	August, September	
Practical 3. Detection of GST and GSH in serum/ tissues	4	September	
Practical 4. To study the enzymatic activity of Lipase	4	September	Presentation
Practical 5. Study of biological oxidation (SDH) [goat liver]	4	October	
Practical 6. To perform the Acid and Alkaline phosphatase assay from serum/ tissue.	4	October	
Practical 7. Dry Lab: To trace the labelled C atoms of Acetyl-CoA till they evolve as CO ₂ in the TCA cycle	4	November	Viva
Practical 8. To perform the Acid phosphatase assay from serum/ tissue	4	October, November	
MOC exam & Revision	4	November	File Evaluation

Name of teacher: **Ms. Shikha Rani**

Signature:

