

Curriculum plan (odd Semester 2026-27)

Teacher Name: Dr. K. Vandana Rani

Paper name: ZH Core course X: Biochemistry of Metabolic Processes

Class type: Practical (G1+G2) Paper shared with: Guest Faculty

Unit to be taken	Allocated lectures	Month wise schedule to be followed G2 Group	Tests/Assignments/ Revision/ Presentations etc
1. Estimation of total protein in given solutions by Lowry's method	4	31.07.2026	
2. Detection of SGOT and SGPT or in serum/ tissue	4	7.08.2026/04.08.2026	
3. Detection of GST and GSH in serum/ tissues	4	21.08.26/28.08.26	
4. To study the enzymatic activity of Lipase	4	4.09.2026/11.09.26	Presentation
5. Study of biological oxidation (SDH) [goat liver]	4	18.09.26/25.09.26	
6. To perform the Acid and Alkaline phosphatase assay from serum/ tissue.	4	02.10.2026/09.10.26	
7. Dry Lab: To trace the labelled C atoms of Acetyl-CoA till they evolve as CO ₂ in the TCA cycle	4	16.10.26	Viva
MOC exam & Revision		30.10.2026/20-26.11.26	File Evaluation

Name of Teacher : Dr. K. Vandana Rani

Signature

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