

Lesson Plan
Mehr Chand Mahajan DAV College for Women, Sector – 36A, Chandigarh
Monthly Teaching Plans- Even Semester (Semester-IV)
Session – 2025-2026
Department- Zoology
Name of the Teacher- Dr. Divya Sharma
Class- B.Sc. Semester- III
Subject- Zoology
Course Code: ZOO-DSC-5 Maj/Min-401
Course Title: Biochemistry

Month	Date		Topics to be Covered	Academic Activity to be Undertaken
	From	To		
January	10.01.2026	31.01.2026	Biomolecules: Carbohydrates, proteins, lipids and nucleic acids: their classifications and functions.	Power point presentation, group discussion, assignments, Flipped classroom method
Departmental Meeting on 28.01.2026 to review the progress of syllabus as per lesson plans				
February	01.02.2026	28.02.2026	Enzymes: Nature, nomenclature, mode of action, their classification, coenzymes and cofactors. Carbohydrate metabolism: Embden Meyerhof Parnas pathway (glycolysis), Tricarboxylic Acid Cycle, Glycogenesis.	Power point presentation, group discussion, assignments, Flipped classroom method
Departmental Meeting on 25.02.2026 to review the progress of syllabus as per lesson plans				
March	01.03.2026	31.03.2026	Lipid metabolism: Beta-oxidation of fatty acids, gluconeogenesis, lipogenesis and ketosis. Protein metabolism: Metabolism of amino acids: Oxidative deamination, Transamination. MST	Power point presentation, group discussion, assignments, Flipped classroom method
Departmental Meeting on 25.03.2026 to review the progress of syllabus as per lesson plans				
April	01.04.2026	25.04.2026	Protein metabolism: Decarboxylation and Ornithine cycle. Revision and Class test	Power point presentation, group discussion, assignments, Flipped classroom method
Departmental Meeting on 22.04.2026 to review the completion of syllabus as per lesson plans				
End semester Examination from 27.04.2026 to 05.06.2026				