

**Lesson Plan**  
**Mehr Chand Mahajan DAV College for Women, Sector – 36A, Chandigarh**  
**Monthly Teaching Plans- Odd Semester (Semester-III)**  
**Session – 2025-26**  
**Department- Zoology**  
**Name of the Teacher- Dr. Sarabjeet Kaur**  
**Class- B.Sc. Semester- III**  
**Subject- Zoology**  
**Course Code: ZOO-DSC-3-Maj/Min-301**  
**Course Title: Animal Physiology**

Month	Date		Topics to be Covered	Academic Activity to be Undertaken
	From	To		
July	24.07.2025	31.07.2025	<b>Digestion:</b> Extra and Intra Cellular Digestion. Absorption of carbohydrates, proteins and fats	Power point presentation, group discussion, assignments, Flipped classroom method
August	01.08.2025	31.08.2025	<b>Respiration:</b> Exchange and transport of respiratory gases, Oxygen dissociation curve, Bohr Effect, Chloride shift and Haldane effect. <b>Blood:</b> Composition and functions of blood and lymph, Blood Clotting, Blood groups	Power point presentation, group discussion, assignments, Flipped classroom method
<b>Departmental Meeting on 27.08.2025 to review the progress of syllabus as per lesson plans</b>				
September	01.09.2025	30.09.2025	<b>Heart:</b> Origin and conduction of heart beat, cardiac cycle, cardiac output, electrocardiogram and blood pressure. <b>Excretion:</b> Structure of nephron, urine formation, composition of urine, osmoregulation and counter current mechanism.  <b>MST</b>	Power point presentation, group discussion, assignments, Flipped classroom method
<b>Departmental Meeting on 24.09.2025 to review the progress of syllabus as per lesson plans</b>				
October	01.10.2025	31.10.2025	<b>Muscles:</b> Types of muscles and their structure. Skeletal Muscle Contraction.  <b>Neural Integration:</b> Structure of neuron, resting membrane potential, origin and propagation of nerve impulse.	Power point presentation, group discussion, assignments, Flipped classroom method
<b>Departmental Meeting on 29.10.2025 to review the progress of syllabus as per lesson plans</b>				
November	01.11.2025	13.11.2025	<b>Endocrine System:</b> Hormones and functions of Endocrine glands: Hypothalamus, pituitary, thyroid, parathyroid, adrenal, pancreas and gonads.  <b>Revision and Class test</b>	Power point presentation, group discussion, assignments, Flipped classroom method
<b>End semester Examination from 14.11.2025 to 26.12.2025</b>				