

Lesson Plan
Mehr Chand Mahajan DAV College for Women, Sector – 36A, Chandigarh
Monthly Teaching Plans- Even Semester (Semester-II)
Session – 2025-2026
Department- Zoology
Name of the Teacher- Dr. Neetu
Class- B.Sc. Semester-II
Subject- Zoology
Course Code: ZOO-DSC-2 Maj/Min-201
Course Title: Diversity of Chordates

Month	Date		Topics to be Covered	Academic Activity to be Undertaken
	From	To		
January	10.01.2026	31.01.2026	Introduction to Chordates General characteristics and outline classification Protochordata- General characteristics of Hemichordata, Urochordata, Cephalochordata and classification upto classes; Eco-Morphological notes on <i>Balanoglossus</i> , <i>Herdmania</i> & <i>Amphioxus</i> . Study of the larva and retrogressive metamorphosis in <i>Herdmania</i> .	Power point presentation, group discussion, assignments, Flipped classroom method Practical demonstration using Museum specimens, PPT, Online resources, Group discussion
Departmental Meeting on 28.01.2026 to review the progress of syllabus as per lesson plans				
February	01.02.2026	28.02.2026	General characteristics and classification of cyclostomes up to classes; Eco-Morphological notes on <i>Petromyzon</i> & <i>Myxine</i> . Pisces-General characteristics of Chondrichthyes and Osteichthyes, classification up to classes; Eco-Morphological notes on <i>Scoliodon</i> , <i>Sphyrna</i> , <i>Pristis</i> , <i>Torpedo</i> , <i>Chimaera</i> , <i>Mystus</i> , <i>Heteropneustes</i> , <i>Labeo</i> , <i>Exocoetus</i> , <i>Echeneis</i> , <i>Anguilla</i> , <i>Hippocampus</i> , <i>Tetraodon</i> , <i>Diodon</i> , <i>Anabas</i> & <i>Solea</i> . Migration, Osmoregulation and Parental care in fishes, Fish scales. Amphibia- General characteristics and classification up to classes; Eco-Morphological notes on <i>Ichthyophis</i> / <i>Ureotyphlus</i> , <i>Necturus</i> , <i>Salamandra</i> , <i>Hyla</i> , <i>Bufo</i> & <i>Alytes</i> Parental care in amphibians, Neoteny and Paedogenesis.	Power point presentation, group discussion, assignments, Flipped classroom method Practical demonstration using Museum specimens, PPT, Online resources, Group discussion
Departmental Meeting on 25.02.2026 to review the progress of syllabus as per lesson plans				

March	01.03.2026	31.03.2026	<p>Reptilia- General characteristics and classification up to classes; Eco-Morphological notes on <i>Chelone</i>, <i>Trionyx</i>, <i>Hemidactylus</i>, <i>Varanus</i>, <i>Uromastix</i>, <i>Chamaeleon</i>, <i>Ophiosaurus</i>, <i>Draco</i>, <i>Ptyas</i>, <i>Python</i>, <i>Naja</i>, <i>Hydrophis</i> & <i>Crocodylus</i>. Poison apparatus and biting mechanism in snakes. Identification of poisonous and non-poisonous snakes.</p> <p>Aves- General characteristics and classification up to classes; Eco-Morphological notes on <i>Ardea</i>, <i>Milvus</i>, <i>Pavo</i>, <i>Tyto</i>, <i>Alcedo</i>, <i>Eudynamis</i> & <i>Casuarus</i>. <i>Archaeopteryx</i>- a connecting link; Principles and aerodynamics of flight, Flight adaptations and Migration in birds.</p> <p>MST</p>	<p>Power point presentation, group discussion, assignments, Flipped classroom method</p> <p>Practical demonstration using Museum specimens, PPT, Online resources, Group discussion</p>
Departmental Meeting on 25.03.2026 to review the progress of syllabus as per lesson plans				
April	01.04.2026	25.04.2026	<p>Mammalia-General characters and classification up to classes; Eco-Morphological notes on <i>Ornithorhynchus</i>, <i>Echidna</i>, <i>Macropus</i> (Kangaroo), <i>Loris</i>, <i>Macaca</i>, <i>Manis</i> (Scaly ant eater), <i>Hystrix</i> (porcupine), <i>Funambulus</i> (Squirrel), <i>Canis</i>, <i>Herpestes</i> (Mongoose), <i>Capra</i>, <i>Pteropus</i>. Adaptive radiation with reference to locomotory appendages, Exoskeleton derivatives and dentition.</p> <p>Revision and Class test</p>	<p>Power point presentation, group discussion, assignments, Flipped classroom method</p> <p>Practical demonstration using Museum specimens, PPT, Online resources, Group discussion</p>
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				