

Practical Plan				
<b>Name of the college:</b> Govt. College of Arts, Science and Commerce, Sanquelim - Goa				
<b>Name of Faculty:</b> Ms. Preethi Pednekar	<b>Subject:</b> Zoology			
<b>Paper code:</b> ZOO 100 (Amazing world of animals)	<b>Program:</b> F Y BSc	<b>Division:</b> Batch 1		
<b>Academic year:</b> 2025- 2026	<b>Semester:</b> I	<b>Total Practicals/Labs:</b> 11		
<b>Credits:</b>	01			
1. <b>Course Objectives:</b> 1. To outline the origin, diversity and distribution of Animals. 2. To explain the resilience of animal life				
<b>Expected Course Outcome:</b> Sound practical knowledge of animal diversity and distribution.				
<b>Student Learning Outcome:</b> At the end of the course, students will be able to: 1. Explain the origin, diversity and distribution of animals. 2. Summarize the role of animals in the dynamics of earth. 3. Discover the fascinating world of animals. 4. Relate to the factors important for sustenance of animals.				
Month	Practicals/Labs scheduled Date	No. of Practical/ Labs planned	List of Experiments	Reference books
December 2025- January2026	6/12/25	1	Study of Desert, Savanna animals	<ul style="list-style-type: none"> <li>• Laboratory Manual</li> <li>• Jordan, E. L., &amp; Verma, P. S. (2016). <i>Invertebrate zoology</i>. S. Chand &amp; Company Ltd.</li> </ul>
	13/12/25	1	Study of grassland, Forest, animals	
	3/1/26	1	Study of Cave and oceanic animals	

	10/1/26	1	Mounting of Protozoans from Pond Water sample and identification of any two specimens.	
	17/1/26	1	Study of bioluminescent animals (any 2 examples).	
	24/1/26	1	Study of pearl formation through examination of Molluscan shellfish like Window pane Oyster/Rock Oyster.	
	31/1/26	1	Demonstration of regeneration of fin in fish. Study of 'Batesian and Mullerian' Mimicry in butterflies.	
	7/2/26	1	Camouflage as a protective mechanism in animals with reference to larvae of Common Mormon and Common Baron Butterfly.	
	14/2/26	1	Study of parental behaviour in animals (Arthropod (Potter Wasp, Scorpion), Fishes (Sea horse, cat fish), Amphibia (Midwife toad and Ichthyophis), Birds (Baya Weaver Bird, Common Crow).	
	21/2/26	1	Study of campus fauna: Butterflies, Birds, Amphibia, Reptiles.	
	28/2/26	1	Listing of Official State fauna of Goa and assessing their conservation threats.	
	7/3/26	1	Visit to a Zoo or an Aquarium to appreciate ex situ conservation approach.	
	14/3/26	1	Exam	
	28/3/26	1	Exam	