

		Practical Plan			
Name of the college: Govt. College of Arts, Science and Commerce, Sanquelim - Goa					
Name of Faculty: Dr. Suphala Pujari		Subject: Zoology			
Paper code: ZOO 100		Program: F Y BSc		Division: A	
Academic year: 2025- 2026		Semester: I		Total Practicals/Labs: 11	
Credits:	01				
1. Course Objectives: 1. To outline the origin, diversity and distribution of Animals. 2. To explain the resilience of animal life					
Expected Course Outcome: Sound practical knowledge of animal diversity and distribution.					
Student Learning Outcome: 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	
July	05/07/2025	1	Study of Desert, Savanna animals	- Laboratory Manual - Jordan, E. L., & Verma, P. S. (2016). <i>Invertebrate zoology</i>. S. Chand & Company Ltd.	
	12/07/2025	1	Study of grassland, Forest, animals		
	19/07/2025	1	Study of Cave and oceanic animals		

July	26/07/2025	1	Mounting of Protozoans from Pond Water sample and identification of any two specimens.	
August	02/08/2025	1	Study of bioluminescent animals (any 2 examples).	
August	09/08/2025	1	Study of pearl formation through examination of Molluscan shellfish like Window pane Oyster/Rock Oyster.	
	16/08/2025	1	Demonstration of regeneration of fin in fish. Study of 'Batesian and Mullerian' Mimicry in butterflies.	
	23/08/2025	1	Camouflage as a protective mechanism in animals with reference to larvae of Common Mormon and Common Baron Butterfly.	
	30/08/2025	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).	
September	06/09/2025	1	Study of campus fauna: Butterflies, Birds, Amphibia, Reptiles.	
	13/09/2025	1	Study of campus fauna: Butterflies, Birds, Amphibia, Reptiles, contd.	
	20/09/2025	1	Visit to a Zoo or an Aquarium to appreciate ex situ conservation approach.	
	27/09/2025	1	Listing of Official State fauna of Goa and assessing their conservation threats.	
	04/10/2025	1	Visit to a Zoo or an Aquarium to appreciate ex situ conservation approach.	
	11/10/2025	1	Certification of journals	
	18/10/2025	1	Exam	