

SEMESTER PRACTICAL PLAN								
Name of the College: Government College of Arts, Science and Commerce Sanquelim - Goa								
Name of Faculty: Ms. MITHALI HALARNKAR					Subject: Zoology			
Course code: ZOO-100 Amazing world of Animals					Program: F.Y.BSc		Division: -	
Academic year: 2025-26					Semester: I		Total Lectures: 30	
Credits: 02								
Course Objectives: 1. To outline the origin, diversity and distribution of Animals 2. To explain the resilience of animal life								
Course 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	Experiment/Lab Work /	Reference books				
JULY	05/07/2025	1	Study of Desert, Savanna grassland	K. K. Chaki, G. Kundu, and S. Sarkar, Introduction to General Zoology: Volume I, 4th ed. India: New Central Book Agency, 2011.				
	12/07/2025	2	Study of Forest animals					
	19/07/2025	3	Study of Cave and oceanic animas	P. R. Yadav, Understanding Zoology. India: Discovery Publishing Pvt. Ltd., 2010.				
	26/07/2025	4	Study of bioluminescent animals					

AUGUST	02/08/2025	5	Study of pearl formation through examination of Molluscan shellfish like Window pane Oyster/Rock Oyster	M. P. Arora, Organic Evolution, 2nd ed. India: Himalaya Publishing House, 2000. J. Z. Young, The Life of Vertebrates. Oxford University Press, 2004. P. D. Sharma, Ecology and Environment, 13th Ed. Rastogi Publications, 2014. J. Z. Young, The Life of Vertebrates, Oxford University Press (1 January 2004)
	09/08/2025	6	Demonstration of regeneration of fin in fish (suitable specimen may be taken).	
	16/08/2025	7	Study of ‘Batesian Mullerian’ Mimicry	
	23/08/2025	8	Mounting of Protozoans from Pond Water sample and identification of any two specimen	
SEPTEMBER	06/09/2025	9	Camouflage as a protective mechanism in animals with reference to larvae of Common Mormon and Common Baron Butterfly.	
	13/08/2025	10	Study of parental behaviour in animals	
	20/09/2025	11	Study of parental behaviour in animals	
	27/09/2025	12	Listing of Official State fauna of Goa and assessing their conservation threats	
OCTOBER	04/10/2025	13	Study of campus fauna	
	11/10/2025	14	Visit to a Zoo or an Aquarium to appreciate ex situ conservation approach.	
	18/10/2025	15	Exam	