

Semester Lecture Plan

Name of College: Government College of Arts, Science & Commerce, Sanquelim Goa							
Name of Faculty: Miss. Ayesha Shetkar			Subject: Zoology				
Paper code: ZOO 100 – Amazing World of Animals			Program/Course: F.Y.B.Sc.		Division: A		
Academic year: 2026 - 2027			Semester: I		Total Lectures: 30		
Course Objectives: 1. To outline the origin, diversity and distribution of Animals 2. To explain the resilience of animal life							
Month	Lectures From: To:		No. of lect ures allot ted	Topic, Subtopic to be covered	Learning outcome	ICT Tools	Reference books
June	19/06/2026	20/06/2026	2	1.Study of Desert, Savanna grassland (02 specimen each).	To identify & describe characteristic features of animals in specific habitat.	Power point presentation/videos	

	22/06/2026	27/06/2026	2	Study of Forest, Cave and oceanic animals (02 specimen each).	To identify & describe characteristic features of animals in specific habitat.	Power point presentation/videos	
July	29/06/2026	4/07/2026	2	Mounting of Protozoans from Pond Water sample and identification of any two specimens.	To observe & identify protozoans from water sample under the microscope.	Actual practical to be performed/Power point presentation	
	6/07/2026	11/07/2026	2	Study of bioluminescent animals (any 2 examples).	To understand the mechanism of bioluminescence & importance of bioluminescence .	Power point presentation/Videos/Pictures	
	13/07/2026	18/07/2026	2	Study of 'Batesian and Mullerian' Mimicry in butterflies.	To use mimicry as a protective mechanism in environment.	Power point presentation/Videos/Pictures	
	20/7/2026	25/7/2026	2	Demonstration of regeneration of fin in fish (suitable specimen may be taken).	To identify regenerated part based on morphological features.	Actual practical to be performed/Power point presentation	

August	27/07/2026	01/08/2026	2	Study of parental behaviour in animals (Arthropod (Potter Wasp, Scorpion), Fishes (Sea horse, cat fish),	To identify parental care in various species of animals & its importance.	Power point presentation/Video	
	3/08/2026	8/08/2026	2	Study of parental behaviour in animals - Amphibia (Midwife toad and Ichthyophis), Birds (Baya Weaver Bird, Common Crow).	To identify parental care in various species of animals & its importance.	Power point presentation/videos.	
	10/08/2026	15/08/2026	2	Camouflage as a protective mechanism in animals with reference to larvae of Common Mormon and Common Baron Butterfly.	To describe the technique of camouflage.	Power point presentation	
	17/08/2026	22/08/2026	2	Listing of Official State fauna of Goa and assessing their conservation threats	To understand conservation status of official state fauna.	Power point presentation/Audio/Pictures	
	24/08/2026	29/08/2026	2	Study of pearl formation through examination of Molluscan shellfish like Window pane Oyster/Rock Oyster.	To understand the process of pearl formation & its mechanism.	Power point presentation/videos	

September	31/08/2026	5/09/2026	2	Study of campus fauna: Butterflies (at least 4), Birds (at least 4), Amphibia (At least 2), Reptiles (At least 2).	To identify & describe various species of animals found in the campus.	Group discussion & visit to a campus.	
	7/09/2026	12/09/2026	2	Study of campus fauna: Butterflies (at least 4), Birds (at least 4), Amphibia (At least 2), Reptiles (At least 2).	To identify & describe various species of animals found in the campus.	Group discussion & visit to a campus.	
	21/09/2026	26/9/2026	2	Visit to a Zoo or an Aquarium to appreciate ex situ conservation approach.	To understand the ex-situ conservation measures.	Group discussion & visit to a Zoo.	
October	28/9/2026	3/10/2026	2	Revision		Power point presentation/class discussion/ demonstration.	
	5/10/2026	10/10/2026	2	Revision.		Power point presentation/Videos/class discussion/ demonstration.	
	12/10/2026	14/10/2026	0				