

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: 2024-25

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	05/07/2024	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.
	12/07/2024	2	Study of Forest animals	
	13/07/2024	3	Study of Cave and oceanic animals	P. R. Yadav, Understanding Zoology. India: Discovery Publishing Pvt. Ltd., 2010.
	26/07/2024	4	Study of bioluminescent animals	

AUGUST	02/02/2024	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.
	02/08/2024	5	Demonstration of regeneration of fin in fish (suitable specimen may be taken).	J. Z. Young, The Life of Vertebrates. Oxford University Press, 2004.
	09/08/2024	6	Study of 'Batesian	P. D. Sharma, Ecology and Environment, 13th Ed. Rastogi Publications, 2014.
	16/08/2024	7	Mullerian' Mimicry	
	23/08/2024	8	Mounting of Protozoans from Pond Water sample and identification of any two specimen.	J. Z. Young, The Life of Vertebrates, Oxford University Press (1 January 2004)
	30/08/2024	9	Camouflage as a protective mechanism in animals with reference to larvae of Common Mormon and Common Baron Butterfly.	
SEPTEMBER	13/09/2024	09	Study of parental behaviour in animals	
	20/09/2024	10	Study of parental behaviour in animals	
	27/09/2024	11	Study of campus fauna	
	23/03/2024	12	Study of campus fauna	
OCTOBER	04/10/2024	13	Listing of Official State fauna of Goa and assessing their conservation threats	
	11/ 10 / 2024	14	Visit to a Zoo or an Aquarium to appreciate ex situ conservation approach.	