

## Practical Plan

**Name of the college:** Government College of Arts, Science and Commerce, Sanquelim - Goa

**Name of Faculty:** Dr. Suphala Pujari

**Subject:** Zoology

**Paper code:** ZOO 203

**Program:** SY BSc

**Division:** A

**Academic year:** 2024 - 2025

**Semester:** IV

**Total Practicals/Labs:** 10

**Credits:** 01

### Course Objectives:

1. Acquaint the learner with Chordate body organization.
2. Appreciate the diversity within the chordates.
3. Evaluate the evolutionary relationships and adaptations within chordates.
4. Examine the diversity of chordate

### Student Learning Outcome:

At the end of this course the student will be able to:

1. Explain the classification of Chordates.
2. Describe the unique characters of protochordates, Pisces, Amphibia, Reptiles, Aves & mammals.
3. Distinguish the various Chordate classes.
4. Recognise the diversity among chordates. .

Month	Practicals/Labs Scheduled Date	No. of Practical/Labs planned	List of Experiments	Reference books
			Study of Classification, habit, habitat and structural organization of the following:	Departmental Laboratory Manual.
January	07/01/2025	1	Ascidian tadpole larva	
January	14/01/2025	1	Protochordates- Branchiostoma, Simple Ascidian.	

January	21/01/2025	1	Petromyzon and Myxine	VERMA, PS (2000). A Manual of Practical Zoology: Chordates). S Chand & Co Ltd.
January	28/01/2025	1	Shark, Trygon, Mackerel	
February	04/02/2025	1	3 specimen from Class Amphibia	
February	11/02/2025	1	3 specimen from Class Reptilia	
February	18/02/2025	1	3 specimen from Class Aves	
February	25/02/2025	1	3 specimen from Class Mammals	
March	04/03/2025	1	Types of Caudal fins in fishes.; Axolotl larva	
March	11/03/2025	1	Field visit	
March	18/03/2025	1	Type of beaks in birds Type of feet in birds	
March	25/03/2025	1	Types of teeth in mammals	
April	01/04/2025	1	Certification of journal	
April	08/04/2025	1	Revision	

Dr. Suphala Pujari