	Lecture Plan				
Name of the College: Government College of Arts, Science and Commerce. Sanquelim - Goa					
Name of Faculty: Mrs.Preethi Pednekar,Ms.Ayesha Shetkar	Subject: Zoology				
Paper code: ZOO 202					
Biology of Chordates	Program: B.Sc	Division: A			
Academic year: 2024-25	Semester: !V	Total Lectures: 30			
<ul> <li>Course Objectives: 1. Acquaint the learner with Chordate body organization.</li> <li>2. Appreciate the diversity within the chordates.</li> <li>3. Evaluate the evolutionary relationships and adaptations within chordates.</li> <li>4. Examine the diversity of chordate life histories, including reproduction and development.</li> </ul>					
<ul> <li>Course Outcome: 1. Acquainting with Chordate body organization.</li> <li>2. Appreciate the diversity within the chordates.</li> <li>3. Being able to Evaluate the evolutionary relationships and adaptations within chordates.</li> <li>4. Examine the diversity of chordate life histories, including reproduction and development.</li> </ul>					
<ul> <li>Student Learning Outcome: 1. the learner is aquainted with Chordate body organization.</li> <li>2. The learner can appreciate the diversity within the chordates.</li> <li>3. The learner can evaluate the evolutionary relationships and adaptations within chordates.</li> <li>4. The learner can examine the diversity of chordate life histories, including</li> </ul>					

reproduction and development.

Month	Lecture From	Lecture To	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
December	9/12/24	14/12/24	2				
				Characteristics of Chordates			
				. Ancestry of Chordata.	-		
					-		
	16/12/24	21/12/24		. Ancestry of Chordata.			
				General characteristics and			
				outline classification of			
			2	Cephalochordata			
				General characteristics and			
				outline classification of			
January	2/01/25	4/01/25	2	Urochordata.			
				Branchiostoma (Structural			
	6/01/25	11/01/25	2	organization)			
				Branchiostoma, (Structural			
	13/01/25	18/01/25	2	organization)			
				Simple Ascidian (Structural			
	20/01/25	25/01/25	2	organization)			
				Simple Ascidian (Structural			
	27/01/25	1/02/25	2	organization)			
				study of larval forms of			
				protochordates.			
February			2	Retrogressive			

	3/02/25	8/02/25		metamorphosis in		
				Urochordata. Reptilia-		
				General characteristics and		
				outline classification,		
				Reptilia- General		
				characteristics and outline		
	10/02/25	15/02/25	2	classification,		
				temporal fossae in reptiles,		
	17/02/25	22/02/25	2	poison apparatus		
				venomous and		
				non- venomous snakes,		
				Mesozoic reptiles		
	24/02/25	1/03/25	2	(Dinosaurs).		
				Aves- General		
				characteristics and outline		
	3/03/25	8/03/25	2	classification,		
				flight		
				adaptations in birds; types		
	10/03/25	15/03/25	2	of beak and feet in birds,	 	
				flightless		
				birds.		
				Mammalia: General		
	17/03/25	22/03/25		characteristics and outline		
			2	classification		
	24/02/25	20/02/25				
	24/03/25	29/03/25	2	Prototheria and Metatheria,		
	31/03/25	5/04/25		placenta as a foetal-		
				maternal		
April			2	connect.		

	7/04/25	11/04/25				
				Dentition in mammals		
			2			
	Component	Max Marks				
	ISA 1	7.5				
Assessment						
Rubrics	ISA 2	7.5				
	Described	25				

ssment		
ics	ISA 2	7.5
	Practical	25
	Project	nil
	Semester End	
	Exam	60