

Lecture Plan							
Name of the College: Government College of Arts, Science and Commerce. Sanquelim - Goa							
Name of Faculty: Aishwarya Anil Nene				Subject: Zoology			
Paper code: ZOO 202 (Biology of Chordates)				Program: S.Y.B.Sc		Division: A	
Academic year: 2024-25				Semester: IV		Total Lectures: 15	
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 life histories, including reproduction and development.							
Course 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.							
Student Learning Outcome: After completion of this course, the students will be able to understand the variety and characteristics of chordates, protochordates and recognise the differences and diversity among them.							
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	1	Agnatha: Salient features and biological significance of ostracoderms.	---	Powerpoint Presentation	J.Z. Young, The Life of Vertebrates. III Edition. Oxford university Press, 2004.
	16/12/24	21/12/24	1	General characteristics and outline classification of cyclostomes; features of Petromyzontia and Myxinoidea	-----	Powerpoint Presentation	J.Z. Young, The Life of Vertebrates. III Edition. Oxford university Press, 2004.
January						Powerpoint Presentation	J.Z. Young, The Life of Vertebrates. III Edition. Oxford university Press, 2004.
	2/01/25	4/01/25	1	Petromyzon (Structural organization)	-----		
						Powerpoint Presentation	J.Z. Young, The Life of Vertebrates. III Edition. Oxford university Press, 2004.
	6/01/25	11/01/25	1	Petromyzon (Structural organization)	-----		
						Powerpoint Presentation	J.Z. Young, The Life of Vertebrates. III Edition. Oxford university Press, 2004.
	13/01/25	18/01/25	1	Gnathostomes- General characteristics, Latimeria- Evolutionary significance	-----		
						Powerpoint Presentation	J.Z. Young, The Life of Vertebrates. III Edition. Oxford university Press, 2004.
	20/01/25	25/01/25	1	Latimeria- Evolutionary significance	-----		
						Powerpoint Presentation	J.Z. Young, The Life of Vertebrates. III Edition. Oxford university Press, 2004.
	27/01/25	1/02/25	1	Pisces: General characteristics and outline classification of Chondrichthyes and Osteichthyes.;	-----		
						Powerpoint Presentation	J.Z. Young, The Life of Vertebrates. III Edition. Oxford university Press, 2004.

February	3/02/25	8/02/25	1	types of caudal fins in fishes, types of accessory respiratory organs in fishes.	-----	Powerpoint Presentation	J.Z. Young, The Life of Vertebrates. III Edition. Oxford university Press, 2004.
	10/02/25	15/02/25	1	types of caudal fins in fishes, types of accessory respiratory organs in fishes.	-----	Powerpoint Presentation	J.Z. Young, The Life of Vertebrates. III Edition. Oxford university Press, 2004.
	17/02/25	22/02/25	1	Introduction to Tetrapoda. Amphibia- General characteristics	-----	Powerpoint Presentation	J.Z. Young, The Life of Vertebrates. III Edition. Oxford university Press, 2004.
	24/02/25	1/03/25	1	Amphibia- General characteristics and classification of Amphibia, neoteny and paedogenesis.	-----	Powerpoint Presentation	J.Z. Young, The Life of Vertebrates. III Edition. Oxford university Press, 2004.
March	3/03/25	8/03/25	1	Amphibia- General characteristics and classification of Amphibia, neoteny and paedogenesis.	-----	Powerpoint Presentation	J.Z. Young, The Life of Vertebrates. III Edition. Oxford university Press, 2004.
	10/03/25	15/03/25	1	Ichthyophis (Structural organization)	-----	Powerpoint Presentation	J.Z. Young, The Life of Vertebrates. III Edition. Oxford university Press, 2004.
	17/03/25	22/03/25	1	Ichthyophis (Structural organization)	-----	Powerpoint Presentation	J.Z. Young, The Life of Vertebrates. III Edition. Oxford university Press, 2004.



	24/03/25	29/03/25	1	Ichthyophis (Structural organization)	-----	Powerpoint Presentation	J.Z. Young, The Life of Vertebrates. III Edition. Oxford university Press, 2004
April	31/03/25	5/04/25	1	Revision	-----	Group discussion	-----
	7/04/25	11/04/25	1	Revision	-----	Group discussion	-----
Assessment Rubrics	Component	Max Marks					
	ISA 1	7.5					
	ISA 2	7.5					
	Practical	25					
	Project	-					
	Semester End Exam	60					