Lecture Plan

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

Name of Faculty: Ms. Aishwarya Anil Nene	**Subject: Zoology**	
Paper code: ZOO 100 (Amazing World of Animals)	**Program: F.Y. Bsc**	**Division: A**
Academic year: 2024-25	**Semester: II**	**Total Lectures:30**

Course Objectives: 1. To outline the origin, diversity and distribution of Animals
2. To explain the resilience of animal life

Course 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.

Student Learning Outcome: The students will be able to learn and understand the concepts of diversity and distribution and some unique biological phenomena that happen in them .

Month	Lecture From	Lecture To	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools
December	9/12/24	14/12/24	2	Role of animals in ecosystem (as niche species, pollinators and seed dispersal by insect and birds, bioindicators);	-	Powerpoint presentation,
	16/12/24	21/12/24	2	pollinators and seed dispersal by insect and birds, bioindicators);	-	Powerpoint presentation

January	2/01/25	4/01/25	2	Role of animals as bioindicators, Role of animals in human life, ethnozoology	-	Powerpoint presentation
	6/01/25	11/01/25	2	Values of animals: Ethical, Ecological, Values of animals: Economic, Aesthetic, Scientific and Cultural.	-	Powerpoint presentation
	13/01/25	18/01/25	2	Threats to animals: Natural threats such as flood, Volcanic eruption, landslides,	-	Powerpoint presentation
	20/01/25	25/01/25	2	forest fires, tsunamis; habitat loss and fragmentation; Urbanization;	-	Powerpoint presentation
	27/01/25	1/02/25	2	Man and Wildlife conflict, threats of linear infrastructure,	-	Powerpoint presentation
February	3/02/25	8/02/25	2	Zooanthroponosis, Global climate, Bioluminescence in animals	-	Powerpoint presentation
	10/02/25	15/02/25	2	Bioluminescence in animals, Echolocation in Bats	-	Powerpoint presentation
	17/02/25	22/02/25	2	Echolocation in cetaceans, Pearl formation in Mollusca,	-	Powerpoint presentation
	24/02/25	1/03/25	2	Regeneration in animals, Mimicry in butterflies,	-	Powerpoint presentation
			2	Bird migration and Jatinga bird phenomenon,	-	Powerpoint presentation

	3/03/25	8/03/25				
	10/03/25	15/03/25	2	Breeding and parental care in animals (fishes, amphibia and mammals),	-	Powerpoint presentation
	17/03/25	22/03/25	2	Extreme survival adaptations in animals,	-	Powerpoint presentation
	24/03/25	29/03/25	2	Regeneration in animals, Animal cognition.	-	Powerpoint presentation
April	31/03/25	5/04/25	1	Revision	-	-
	7/04/25	11/04/25	2	Revision	-	-

Assessment Rubrics

Component	Max Marks
ISA 1	7.5
ISA 2	7.5
Practical	25
Project	-
Semester End Exam	60