

Semester Lecture Plan

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

Name of the Faculty: Mr. Mouvin Francisco Fernandes

Subject: Zoology

Paper Code: ZOO 100

Programme/Course: Amazing World of Animals

Academic Year: 2025-2026

Semester: I

Course Objectives:

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

Course Learning Outcomes: 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	Date	Topic, subtopic to be covered	Learning outcomes	ICT Tools	Reference Books
July	3	Introduction	The students will understand the course content	PPT	Internet Resources
	8	Evolution of earth	The students will know about the evolution of Earth	PPT	Internet Resources
	10	Evolution of earth	The students will know about the evolution of Earth	PPT	Internet Resources
	15	The first living cell	The students will understand the origin of life	PPT	Internet Resources

	17	A brief idea of geological time line	The students will have a idea of geological time	PPT	Internet Resources
	22	Evolution of animals	The students will understand evolution of animals	PPT	Internet Resources
	24	Outline Classification of the animal kingdom	The students will gain skill in classification	PPT	Internet Resources
	29	Outline Classification of the animal kingdom	The students will gain skill in classification	PPT	Internet Resources
	31	Outline Classification of the animal kingdom	The students will gain skill in classification	PPT	Internet Resources
August	5	ISA			
	7	Major habitats associated with animal diversity	The students will understand animal diversity	PPT	Internet Resources
	12	Major habitats associated with animal diversity	The students will understand animal diversity	PPT	Internet Resources
	14	Major habitats associated with animal diversity	The students will understand animal diversity	PPT	Internet Resources
	19	Paleozoology as a tool to demonstrate evolution	The students will know about paleozoology	PPT	Internet Resources
	21	Paleozoology as a tool to demonstrate evolution	The students will know about paleozoology	PPT	Internet Resources

September	2	Bioluminescence in animals	The students will know and understand bioluminescence	PPT	Internet Resources
	4	Echolocation in Bats	The students will know and understand echolocation in bats	PPT	Internet Resources
	9	Echolocation in Cetaceans	The students will know and understand echolocation in cetetions	PPT	Internet Resources
	11	Pearl Formation in Mollusca	The students will know and understand Pearl Formation in Mollusca	PPT	Internet Resources
	16	Regeneration in animals	The students will know and understand Regeneration in animals	PPT	Internet Resources
	18	ISA		PPT	Internet Resources
	23	Mimicry in butterflies	The students will know and understand Mimicry in butterflies	PPT	Internet Resources
	25	Bird Migration	The students will know and understand Bird Migration	PPT	Internet Resources
	30	Jatinga Bird phenomenon	The students will know and understand Jatinga Bird phenomenon	PPT	Internet Resources
October	7	Breeding and parental care in fishes	The students will know and understand Breeding and parental care in fishes	PPT	Internet Resources
	9	Breeding and parental care in Amphibia	The students will know and understand Breeding and parental care in Amphibia	PPT	Internet Resources
	14	Breeding and parental care in Mammals	The students will know and understand Breeding and parental care in Mammals	PPT	Internet Resources
	16	Extreme Survival adaptations	The students will know and understand Extreme Survival adaptations	PPT	Internet Resources
		Extreme Survival adaptations	The students will know and understand Extreme Survival adaptations	PPT	Internet Resources
		Animal Cognition	The students will know and understand Animal Cognition	PPT	Internet Resources
		Revision		PPT	Internet Resources