

Lecture Plan							
Name of the College: Government College of Arts, Science and Commerce. Sanquelim - Goa							
Name of Faculty: Ms. Mithali Halarnkar				Subject: Zoology			
Paper code: ZOO-211 Vector Borne Diseases		Program: S.Y. BSc		Division: A			
Academic year: 2025 - 26		Semester: III		Total Lectures: 15			
Course Objectives: 1. Acquainting with common tropical vector-borne diseases and vector control strategies. 2. Understanding the host-pathogen interaction, transmission, symptoms of vector borne diseases. 3. Introduction of various Insect vectors to the Learners. 4. Develop competencies in responding to vector borne diseases.							
Expected Course Outcome: At the end of the course, students will be able to: 1. List the various major vector-borne diseases. 2. Describe the symptoms of the major vector-borne diseases and control measures of the vectors. 3. Choose effective responses against vector borne diseases. 4. Assess the severity of vector borne disease outbreaks.							
Month	Lecture From	Lecture To	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
June-July	22/06/2025	28/06/2025	01	Molluscs as Vectors		Powerpoint presentation , Google classroom,	S. R. Mudambi, and M. V. Rajagopal, Fundamentals of Foods, Nutrition and Diet Therapy, 5th ed. New Age International Publishers, 2007.
July	30/06/2025	05/07/2025	01	Snail-borne parasitic diseases (SBPDs)			

				Gastropod		you tube,	B. Srilakshmi, Nutrition Science. New Age International (P)Ltd., 2002.
July	07/07/2025	12/07/2025	01	Schistosomiasis (bilharziasis)			B. Srilakshmi, Food Science, 4th ed. New Age International (P)Ltd., 2007.
July	14/07/2025	19/07/2025	01	Schistosomiasis (bilharziasis)		Powerpoint presentation , Google classroom, you tube,	C. Bouchard, S. N. Blair, and W. L. Haskell Physical Activity and Health, 2nd ed. Human Kinetics, 2012.
July	21/07/2025	26/07/2025	01	Hippeutis sp. Disease: Fasciolopsiasis			S. Rodey, Food Science and Nutrition, 2nd ed. Oxford University Press, 2018.
July August	28/07/2025	02/08/2025	01	ISA 1			.
August	04/08/2025	09/08/2025	01	Hippeutis sp. Disease: Fasciolopsiasis			
August	11/08/2025	16/08/2025	01	Snail control			
August	18/08/2025	23/08/2025	01	Diseases transmitted by Rats: Leptospirosis			
September	02/09/2025	06/09/2025	01	ISA 2		Powerpoint presentation , Google classroom, you tube,	
September	08/09/2025	13/09/2025	01	Diseases transmitted by Rats: : Leptospirosis			
September	15/09/2025	20/09/2025	01	Rodent control			
September	22/09/2025	27/09/2025	01	Rodent control			
September October	29/09/2024	04/10/2024	01	ISA 3	Yes		
October	06/10/2025	11/10/2025	01	Quiz		Powerpoint presentation	
October	13/10/2	18/10	01	Revision	Yes	, Google	

r	025	/2025				classroom, you tube,	
* Assessment Rubrics							
	Compon ent	Max Mark s					
	ISA 1	7.5					
	ISA 2	7.5					
	ISA 3	7.5					
	Semester End Exam	60					