

Semester Lecture Plan

Name of College: Government College of Arts, Science & Commerce, Sanquelim Goa							
Name of Faculty: Ms. Shradda Borkar				Subject: Zoology			
Paper code: ZOO-211			Program/Course: Vector borne disease			Division: A	
Academic year: 2026 - 2027			Semester: III			Total Lectures: 15	
Course Objectives: 1. Acquainting with common tropical vector-borne diseases and vector control strategies. Course 2. Understanding the host-pathogen interaction, transmission, Objectives: symptoms of vector borne diseases. 3. Introduction of various insect vectors to the Learners. 4. Develop competencies in responding to vector borne diseases.							
Month	Lectures		No. of	Topic, Subtopic to be	Learning	ICT Tools	Reference
	From:	To:	lectures	covered	outcome		books
			allotted				

June	19/06/2026	26/06/2026	—			Power point presentation	
July	27/06/2026	4/07/2026	01	1. Molluscs as Vectors: Snail-borne parasitic diseases (SBPDs)	Explain parasitic association of snail as intermediate host	Power point presentation	K.D. Chatterjee, Parasitology: Protozoology and Helminthology, 1: India: CBS Publishers & Distributors,
	6/07/2026	11/07/2026	01	2. Molluscs as Vectors: Snail-borne parasitic diseases (SBPDs)	List gastropods as vectors of disease	Power point presentation	K.D. Chatterjee, Parasitology: Protozoology and Helminthology, 1: India: CBS Publishers & Distributors,
	13/07/2026	18/07/2026	01	3. Gastropod: Bulinus species and characters of schistosomes	List characters of Bulinus species.	Power point presentation	K.D. Chatterjee, Parasitology: Protozoology and Helminthology, 1: India: CBS Publishers & Distributors,
	20/7/2026	25/7/2026	01	4. Gastropod: Bulinus sp. Disease: Schistosomiasis (bilharziasis)-causative agent, it's lifecycle and symptoms	List characters of schistosomes	Power point presentation	K.D. Chatterjee, Parasitology: Protozoology and Helminthology, 1: India: CBS Publishers & Distributors,

August	27/07/2026	01/08/2026	01	5.Gastropod: Bulinus sp. Disease: Schistosomiasis (bilharziasis)- causative agent, it's lifecycle and symptoms	Explain life cycle of Schistosoma haematobium	Power point presentation	K.D. Chatterjee, Parasitology: Protozoology and Helminthology, 1: India: CBS Publishers & Distributors,
	3/08/2026	8/08/2026	01	6. Gastropod: Bulinus sp. Disease: Schistosomiasis (bilharziasis)- causative agent, it's lifecycle and symptoms	Explain life cycle of Schistosoma intercalatum	Power point presentation	K.D. Chatterjee, Parasitology: Protozoology and Helminthology, 1: India: CBS Publishers & Distributors,
	10/08/2026	15/08/2026	01	7.Gastropod: Hippeutis sp. and characters of flukes	List characters of Hippeutis species	Power point presentation	K.D. Chatterjee, Parasitology: Protozoology and Helminthology, 1: India: CBS Publishers & Distributors,
	17/08/2026	22/08/2026	01	8.Gastropod: Hippeutis sp. Disease: Fasciolopsiasis- causative agent, it's lifecycle and symptoms.	Describe causative agent causing fasciolopsis.	Power point presentation	K.D. Chatterjee, Parasitology: Protozoology and Helminthology, 1: India: CBS Publishers & Distributors,

				9.Gastropod: Hippeutis sp. Disease: Fasciolopsiasis- causative agent, it's lifecycle and symptoms.		Power point presentation	K.D. Chatterjee, Parasitology: Protozoology and Helminthology, 1: India: CBS Publishers & Distributors,
	24/08/2026	29/08/2026	01		Explain life cycle of fasciolopsis		
September	31/08/2026	5/09/2026	01	10.Snail Control	List methods of snail control	Power point presentation	K.D. Chatterjee, Parasitology: Protozoology and Helminthology, 1: India: CBS Publishers & Distributors,
	7/09/2026	12/09/2026	01	11.Rodent vectors	Explain rats as important vectors	Power point presentation	C.K. Paniker, Textbook of Medical Parasitology. New Delhi: Jaypee
	21/09/2026	26/9/2026	01	12. Diseases transmitted by Rats: Leptospirosis	Explain causative agent of leptospirosis	Power point presentation	C.K. Paniker, Textbook of Medical Parasitology. New Delhi: Jaypee
October	28/9/2026	3/10/2026	01	13. Diseases transmitted by Rats: Leptospirosis	Explain life cycle and spread of disease	Power point presentation	C.K. Paniker, Textbook of Medical Parasitology. New Delhi: Jaypee
	5/10/2026	10/10/2026	01	14.Diseases transmitted by Rats: Leptospirosis	List various preventive measures	Power point presentation	C.K. Paniker, Textbook of Medical Parasitology. New Delhi: Jaypee

	12/10/2026	14/10/2026	01	15.Rodent Control	List various methods of rodent control	Power point presentation	C.K. Paniker, Textbook of Medical Parasitology. New Delhi: Jaypee