

Curriculum plan (Even Semester 2025-26)

Teacher Name: Dr. K. Vandana Rani

Paper name: Zoo (H) VIII Ssem : Evolutionary Immunobiology of Animals

Class type: Theory

Paper shared with: Mrs. Shikha Rani & Dr. Priyanka Dahiya

Unit to be taken	Allocated lectures	Month wise schedule to be followed (G1+G2+G3)	Tests/Assignments/Revision/Presentations etc
1. Basics of Unicellular to Metazoan Immunity Evolution of Immunological adaptations across the animal Phyla	4	02/01/2026- 21/04/2026	
Hematopoiesis and functions of hemocytes in invertebrates (Insects, Crustaceans, Molluscs and Tunicates)	4		
Humoral Factors of Tunicates	2		Presentation
Evolution of Drosophila Toll-like receptors and mammalian Toll-like receptors	3		Test
Antimicrobial host-defence of Drosophila	2		revision

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Signature