

CURRICULUM STRUCTURE

Programme: B.Sc. (Honors)

Subject: Zoology

1. Zoology as one of the DSCC –A with another subject as DSCC- B

Sem	Discipline Specific core Courses	Hours of Teaching/week		Discipline Specific Elective Courses (DSE)/Vocational courses (VC)/OE	Hours of Teaching/Week
		Credit	Hours		
I	DSC-1: Cytology, Genetics and Infectious Diseases	4	4	OE-1: Economic Zoology	3
	DSC-1 Practicals		4		
II	DSC-2: Biochemistry and Physiology	4	4	OE-2: Parasitology	3
	DSC-2 Practicals		4		
III	DSC-3 Molecular biology, Bioinstrumentation & Techniques in Biology	4	4	OE3: Endocrinology	3
	DSC-3 Practicals		4		
IV	DSC-4: Gene Technology, Immunology and Computational Biology	4	4	OE-4: Animal Behavior	3
	DSC-4 Practicals		4		
V	DSC-5: Non-Chordates and Economic Zoology	3	3	Vocational-1 DSEC-1: Aquatic Biology	3
	DSC-6 Practicals		4		
	DSC-6: Chordates and Comparative Anatomy	3	3		
	DSC-3 Practicals		4		
VI	DSC-7: Evolutionary and Developmental Biology	3	3	Vocational-2 DSEC-2: Entomology	3
	DSC-7: Practicals		4		
	DSC-8: Environmental Biology, Wildlife Management and Conservation	3	3	Internship	2
	DSC-8: Practicals		4		
VII	DSC-9: Ethology	3	3	DSEC-7: Radiation Biology DSEC-8: Zoo Management	3
	DSC-9: Practicals		4		
	DSC-10: Evolution and Zoogeography	3	3	Research Methodology	3
	DSC-10: Practicals		4		
	DSC-11: Genetics and Computational Biology	3	3		
DSC-11: Practical		4			
VIII	DSC-12: Immunology and Stem Cell Biology	3	3	DSEC-1: Neurosciences/ DSEC-2: Parasitology/ DSEC-3: Animal Experimentation and Ethics/	3
	DSC-12: Practicals		4		
	DSC-13: Advanced Molecular Biology and Biostatistics	3	3		
	DSC-13: Practicals		4	DSEC-4: Behavioral Biology Research Project	6
	DSC-14: Genomics and Proteomics	3	3		
	DSC-14: Practicals		3		
		2	2		

SEC1: Digital fluency / Vermiculture

SEC2: Environmental Studies / Sericulture

SEC3: Artificial Intelligence / Apiculture

SEC4: Constitution of India / Poultry

SEC5: Cyber Security / Integrated Animal Rearing

SEC6: Professional Communication /Ornamental Fish Culture




PROFESSOR & CHAIRMAN

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