

Zoology Lesson Plan

B.Sc. IInd Year 4th Semester

Sr. No.	Dated	Topic
1.	02-02-2024 to 29-02-2024 (February)	Amphibia:- Origin & Evolutionary tree type study of frog parental care in Amphibia, Reptilia Type Study of lizard Hemidactylus brooki Hemidactylus flavivirdis:- Evolutionary Tree, Extinct Reptilia Poisonous and Non-Poisonous snake. Poison Apparatus.
2.	01-03-2024 to 31-03-2024 (March)	Type study of Pigeon (Columbalivia) Flight adaptation, Principles of Aerodynamics Bird flight migration in Birds. Mammalian Classification, Type study of Rat, Adaptive radiations of mammals, Dentition.
3.	01-04-2024 to 30-04-2024	Mammalian Physiology Circulation: - Origin, Conduction and Regulation of heart beat, Cardiac cycle, cardiac output, Composition and function of bloods lymph. Anticoagulants, Haemopoiesis. Respiratory system Exchange of respiratory gases Transport of gases, lung capacity, bohrs

		effect hamburger phenomena.
4.	01-05-2024 to 31-05-2024	<p>Excretion- Pattern of excretory Products viz, Amonotelic, Ureotelic uricotelic, Ornithine cycle for urea, Urea formation in Liver Urine Formation, Counter Current Mechanism of urine. concentration, Osmoregulation Micturition.</p> <p>Neural Integration:- Nature origin of nerve impulse & its propagation of nerve impulse along with modulated and below and action of nerve impulse across synapse. Endocrinology. (Endocrine System)</p>

Alama
22/03/2024

Zoology Lesson Plan
B.Sc. (Life Science) IInd Semester
Course Name:- Animal Diversity of Chordates

Sr. No.	Dated	Topic
1.	02-02-2024 to 29-02-2024 February	Chordates. Salient features of chordates, principal of classification protochordates. Urochordates. Systematic position, classification ecology, morphology and affinities, type study of herdamania. pallida:- General character and classification upto classes with examples.
2.	01.03.2024 to 31.03.2024 (March)	Type study of labeo rohita. General Character classification upto class level. Amphibian- General character, classification upto (edu) class level. Type study of frog Rana tigrina parental care. 6 Neoteny in Amphibia.
03	01.04.2024 to 30-04-2024 April	Reptilia:- General Characters and classification upto class Aves:- General character classification upto class level aerial adaptation in birds archaeopteryx as missing links.
4.	01.05.2024	Mammals:- General character and classification upto class, type study of Rattus rattus.

Devar