

Curriculum Plan

Dr. Tarkeshwar

B.Sc. (H)/B.A. (H) GE Zoology, V Semester, III Year

Paper: GE_Concept of Animal Behaviour

Month-wise plan for Theory

Period Assigned: Theory 01,

Paper Shared with: Ms. Shikha Rani

Month	Week-wise Dates	Unit	Topic to be covered
August	1 st - 3 rd week	1. Introduction to Animal Behaviour	• Introduction to the subject, Origin and history of Ethology, Pioneers of Modern Ethology: Karl von Frisch, Ivan Pavlov • Pioneers of Modern Ethology: Konrad Lorenz, Niko Tinbergen; • Proximate and ultimate causes of behaviour; • Four questions for ethology
	4 th -5 th week	2: Patterns of Behaviour	• Types of behaviour, • Innate behaviour, Instinct, • Sign stimuli,
September	1 st week	2: Patterns of Behaviour	• Super normal stimuli • Stimulus filtering
	2 nd week	2: Patterns of Behaviour	• Learning: associative learning and non-associative learning, • Classical and operant conditioning,
	3 rd - 4 th week		• Code breakers, • Habituation, • Imprinting
October	1 st – 2 nd week	5: Sexual Behaviour	• Sexual dimorphism, mate choice • Intra-sexual selection (male rivalry); Inter-sexual selection (female choice);
	3 rd week		• Assessment through group test and small assignments • Presentations
	4 th week		• Courtship behaviour, • Parental care,
November	2 nd – 3 rd week		• sexual conflict in parental care, • Infanticide.
	4 th		• Assignments, Test, Revision

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Paper: Concept of Animal Behaviour

Month-wise plan for Practical

Assigned: Practical, 2+2 Period

Month	Weekly schedule	Practical Exercise to be covered
August	1 st week	Introduction to the course, curriculum and work plan
	2 nd week	To study nests and nesting behaviour of the birds and social insects.
	3 rd -4 th week	To study the behavioural responses of wood lice to dry and humid conditions.
	5 th week	To study geotaxis behaviour in earthworm
September	1 st week	To study the phototaxis behaviour in insect larvae.
	2 nd week	Study of courtship behaviour in birds and insects from short videos/films.
	3 rd – 4 th week	Study of different tools, techniques and methods used in preparing ethogram.
October	1 st week	Visit to Forest/Wild life Sanctuary/Biodiversity Park/Zoological Park to study and
	2 nd week	To record the behavioural activities of animals and prepare a short report.
	3 rd week	Revision
November	1 st - 2 nd week	Revision
	3 rd -4 th week	Practical examination

