

Curriculum plan (Odd Semester 2022-2023)

Teacher Name: **Dr. Varsha Singh**

Paper name: **Animal Behaviour and Chronobiology**

Class type: B. Sc. (H) III year (Theory)

Unit to be taken	Allocated lectures	Month wise schedule to be followed	Tests/Assignments/Revision/Presentations etc
UNIT II- Patterns of Behaviour	10	July-August-September	Class test
UNIT IV- Introduction to Chronobiology	6	September	Assignments Revision
UNIT V- Biological Rhythms	13	September- October	Revision, Test and Assignments corrections
Unit VI- Biological Clocks	8	October	Revision

Paper name: **Animal Behaviour and Chronobiology**

Class type: B. Sc. (H) II year

Practical	Month wise schedule to be followed	Tests/Assignments/Revision/Presentations etc
1.To study nests and nesting behaviour of the birds and social insects. 2. To study the behavioural responses of wood lice to dry and humid conditions	July- August	Revision
3.To study geotaxis behaviour in earthworm/phototaxis behaviour in insect larvae. 4. Study of courtship behaviour in birds and insects from short videos/film	August-September	Assignments Revision
5.Study and actogram construction of locomotor activity of suitable animal model. 6. To study circadian functions in humans (daily eating, sleep and temperature pattern)	September	Revision, Test and Assignments corrections
7. Visit to forest/wildlife sanctuary/biodiversity Park/ Zoological park to study and record the behavioural activities of animals and prepare a short report.	October	Revision