

Curriculum plan (Odd Semester 2025-2026)

Teacher Name: **Dr. Varsha Singh**

Paper name: **Ichthyology (Theory)**

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

Shared with: Ms. Shikha Rani

Unit to be taken	Allocated lectures	Month wise schedule to be followed	Tests/Assignments/ Revision/Presentations etc
Unit 1 Introduction to Fishes	8	August	Assignments
Unit 2 Fish Morphology and Anatomy	8	September	Assignments Revision
Unit 4 Reproduction and Development	8	October	Assignments Revision
Unit 5 Food and Feeding habits of fish and adaptation	6	November	Educational Trip

Name of teacher Dr. Varsha Singh

Signature

Curriculum plan (Odd Semester 2025-2026)

Teacher Name: **Dr. Varsha Singh**

Paper name: **Ichthyology (Practical)**

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

Unit to be taken	Allocated lectures	Month wise schedule to be followed	Tests/Assignments/Revision/Presentations etc
1. Identification of local fishes by physical key methods 2. Study of different types of fish scales 3. Study of fish chromatophores under microscopes		August	Assignments
4. Analysis of water quality parameters viz. temperature, pH, dissolved oxygen 5. Fish morphometric measurements: standard length, total length, fork length, dorsal fin height, pectoral fin length, ventral fin length, anal fin length 6. Gonado-somatic index		September	Assignments Revision
7. Study of anatomy of digestive systems among different types of fishes 8. Study of Weberian ossicles and otolith 9. Visit to local fish market/farm and report preparation		October	Assignments Revision
Revision and Mock test		November	

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Signature