

COLLEGE OF FISHERIES, KISHANGANJ
BIHAR ANIMAL SCIENCES UNIVERSITY, PATNA

Lecture Plan

Course Title: Live Food Organisms for Fish and Shellfish, AQC-222 (1+1)

Theory

Sl. No.	Course Title	No. of Lectures
1.	Candidate species of phytoplankton and zoo-plankton as live food organisms of freshwater and marine species.	3
2.	Tropic potentials - proximate composition of live feed.	2
3.	Biology, culture requirements and methodology of important live food organisms: Green algae, blue-green algae, spirulina, diatoms	5
4.	Biology, culture requirements and methodology of Infusoria, rotifers, cladocerans, tubifex, brine shrimp, chironomids	6
5.	Culture of earthworms, bait fish and forage fish	2
	Total No. of Lectures	18

Practical

Sl. No.	Course Title	No. of Lectures
1.	Methods of collection and identification of different live food organisms.	2
2.	Laboratory scale culture of selected live food organisms (green algae, spirulina, chetoceros, rotifer, Moina, copepod).	6
3.	Evaluation of live food organisms.	3
4.	Proximate composition analysis of live feed organisms.	3
5.	Decapsulation and hatching method of brine shrimp cyst.	2
	Total No. of Lectures	16