

DEPARTMENT OF ZOOLOGY
Sacred Heart College (Autonomous)
Thevara, Cochin

SYLLABUS FOR
VALUE ADDED COURSE
FISH FEED CULTURE
COURSE CODE : 17ZOOVAC02

Course Co-ordinators

Dr. Moncey Vincent

FISH FEED CULTURE

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|---|-------------------|
| Course Code | 17ZOOVAC02 |
| Title of the course | Fish Feed Culture |
| Semester in which the course is to be taught | 3 and 4 |
| No. of credits | 2 |
| No. of contact hours | 36 |

OBJECTIVES OF THE COURSE:

- 1) To give students knowledge on culture practices of live feed for culturable fishes
- 2) To promote entrepreneurship activity and thereby create employment and generate revenue.

SYLLABUS

CREDIT 2

- Candidate species of phytoplankton and zoo plankton as food organisms of freshwater and marine species.
- Tropic potentials- proximate composition of live feed.
- Biology and culture requirements of important live food organisms. Green algae, blue-green algae, spirulina, diatoms, infusoria, rotifers, cladocerons, tubifex, brine shrimp, chironomids.
- Culture of earthworms, bait fish and forage fish.
- Methods of isolation and identification of different live food organism.
- Laboratory scale culture of selected live food organisms.
- Evaluation of live food organisms.

Suggested Readings:

1. Abu Hassan, I., S. Sayuthi, and C.S. Chiam, 1984 Fabrication of feed suitable for smallholder aquaculture. Rome, FAO, FI:DP/MAL/77/008 Field Document 2: pp. 261-78
2. ADCP 1979, Training in fish feed technology. Rome, FAO, ADCP/REP/79/8: 16 p

3. ADCP 1980, Fish Feed Technology. Rome, FAO, ADCP/REP/80/11: 395 p

4. ADCP 1983, Fish Feeds and Feeding in Developing Countries. Rome, FAO, ADCP/REP/83/18: 97 p

5. Mandal, S. C., Das, P., Singh, S. K., Bhagabati, S. K., 2009. Feeding of aquarium fishes with natural and artificial foods: available options and future needs. Aqua International, 3:20-23



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