

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

SYLLABUS FOR
VALUE ADDED COURSE
FISH CULTURE
COURSE CODE : 18ZOOVAC02

Course Co-ordinators

DR. RAJU M K & DR. MONCEY VINCENT

FISH CULTURE

Course Code	18ZOOVAC02
Title of the course	Fish 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 about fish culture and the different types of cultivable fish.
- 2) To learn healthy management practices of a fish farm
- 3) To give students knowledge about various techniques of fish farming and marketing to make them self-employed after graduation.

SYLLABUS

CREDIT 2

- Setting and Maintenance of fish pond
- Pond preparation. Seed selection, quality and acclimatization.
- Collection and Rearing of different fish seeds
- Preparation of fish feed.
- Propagation of aquatic plants.
- Water quality parameters.
- Estimation of seed survival.
- Pond biomass estimation.

Suggested Readings

1. Jhingran. V.G. Fish and fisheries in India.,
2. Khanna. S.S, An introduction to fishes
3. Santanam, B. et al, A manual of freshwater aquaculture,
4. Boyd. C.E. & Tucker.C.S, Pond aquaculture water quality management,
5. Biswas.K.P, Fish and prawn diseases,
6. Hafez, E. S. E. (1962). Reproduction in Farm Animals. Lea & Fabiger Publisher
7. Dunham R.A. (2004). Aquaculture and Fisheries Biotechnology Genetic Approaches.
CABI



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