

# **Minutes of the Board of Studies in Aquaculture 2017-2018**

SACRED HEART COLLEGE KOCHI

Minutes of the Board of Studies (BOS) meeting held on 22.7.2017 at the Department of Aquaculture, Sacred Heart College, Thevera.

1. The Chairman welcomed the members.
2. The minutes of the previous meeting held on 17.1.2017 was approved
3. Regarding the approval of the M.Sc course in Aquaculture and Fish processing and allied courses in other colleges by the Government, a collective effort by these colleges should be undertaken.
4. Due to logistical and practical reasons the board opined that the students may be familiarized with cage culture with other agencies.
5. Pre orientation class before factory training was approved.
6. Special classes on aquaponics may be conducted by specialists in the field.
7. Revision of the syllabus 2018 as suggested was approved.
8. The board reiterated the view that a full time non-teaching staff may be made available for the routine maintenance of hatchery, aquarium and laboratory.
9. Students must be taken to Pizhala Matsya gramam for familiarization/ training in cage culture.
10. Awareness on accredited certification courses of ASC (Aquaculture stewardship council) may be given to the students by conducting guest lecture from SGS, WWF marine wing. The board members offered assistance to identify proper experts.
11. General classes on environmental awareness, constitution law, human rights may be conducted in common for all the PG students by specialists.
12. Classes on new regulations on Aquaculture, Fish processing, Fisheries and international law on quality and trade may be imparted to the students by experts.
13. The meeting came to an end at 12.30 noon with a vote of thanks by the Chairman.
14. In view of demand of students a modification in the title and module 1 of the course PAQCT09 Culture of Finfish, molluscs and sea cucumber (Ref. Page. 2) is suggested.
- 15. The following members were present in the meeting**

Minutes of the meeting of the BoS held on  
22/7/2017 at the Dept. of Aquaculture.

Members present

Signature

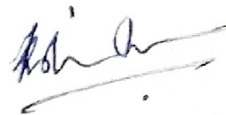
1. Dr. K. Sunil Kumar Mohammed  
Principal Scientist. CMFRI.



2. Mr. Edwin Joseph. CEO.,  
WINSOR Exports, Maradu.



3. Mr. Krishna Kumar,  
Aqua Plaza, B.T. Radhadevi Rd.  
Eelappally



4. Dr. Ravisankar C.N.  
Director, CIFT



5. Dr. V.C. George.  
HOD.

Dr. J.V. Anna Mary  
Member Faculty



Ms. Sangeetha K.R.  
Member Faculty



Ms. Lily Mary  
Member Faculty



p3AQCT09: Culture of fin fishes (**Inland and Marine**), Mollusc and sea cucumbers.

72 hrs.

Module 1. Fin fish culture 34hrs.

i. Overview of fin fish culture in the world, major species cultured, country wise production.

Fin fish culture in India- history and recent advances. 4hrs.

ii. Inland water culture:

Freshwater fish culture: Pond culture, Cage culture, Pen culture, Reservoir culture, Raceway culture/running water culture, RAS, Aquaponics, Integrated fish farming. 10hrs.

Species selection and brood stock management 1hr.

Seed production: Natural collection, transportation and distribution 2hrs.

: Hatchery Technology: Traditional methods, Operation of hatchery, Chinese hatchery, induced breeding, egg incubation, calculation of fertilization, larval rearing, and nursery phase. 8hrs.

iii. Brackish water culture: Mullet , chanos, seabass, Etroplus and pokkali culture. 3hrs.

iv. Mariculture: Cage culture, seed production, Nursery rearing and culture practices. Sea ranching. 4hrs.

v. Ecolabelling, Aquaculture stewardship council, Marine Stewardship council. 2hrs.

Module 2. 8hrs.

Sea cucumber culture 30hrs.

Module 3. Mollusc culture