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XAVIER BOARD OF HIGHER EDUCATION IN INDIA

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ACADEMIC AUDIT REPORT OF THE

DEPARTMENT OF AQUACULTURE

SACRED HEART COLLEGE (AUTONOMOUS), THEVARA, KOCHI

The Academic Audit of SACRED HEART COLLEGE (AUTONOMOUS), THEVARA, KOCHI was conducted from 19th to 21st December, 2018. The team comprised:

- **Dr. Sr. Annamma Philip**, FMM, Secretary General, Xavier Board of Higher Education in India, (XBHEI), Bangalore and former Principal, Stella Maris College (Autonomous), Chennai,
- **Dr. Fr. Joseph Xavier SJ**, former Principal, Loyola College (Autonomous), Chennai and former President, XBHEI,
- **Dr. D. Jeevan Kumar**, former Prof. of Political Science, University of Bangalore and currently Hon. Professor at Karnataka State Rural Development and Panchayat Raj University, Gadag, Karnataka
- **Dr. Ms. Ordetta Mendoza**, Member, XBHEI and former Head, Dept. of Bioinformatics, Stella Maris College (Autonomous), Chennai, and Co-ordinator, Xavier Board-Administrative & Academic Audit (XB-AA Audit).

Prior to the visit, the department completed and submitted the Audit Manual developed and deployed by Xavier Board of Higher Education in India.

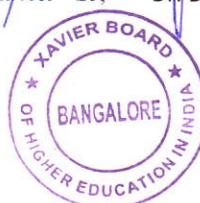
Dr. Sr. Annamma Philip, FMM, Secretary General, XBHEI and Dr. Ms. Ordetta Mendoza, visited the Department of Aquaculture on December 20, 2018 and interacted with the Head of the Department and faculty of the department. Earlier, Dr. V. C. George, the HoD made a presentation, which was followed by an interaction.

Dr. Sr. Annamma Philip, FMM
Secretary General, XBHEI

Dr. Fr. Joseph Xavier SJ,

Dr. D. Jeevan Kumar

Dr. Ms. Ordetta Mendoza
Co-ordinator, XB-AA Audit



About the department:


The department of Aquaculture was started in 1994 as part of the Golden Jubilee celebrations of the college. The college felt the need to meet the growing demand for well-qualified and trained technical managers required by the aquaculture industry. The department offers a Post Graduate Diploma in Aquaculture and an M.Sc. programme in Aquaculture and Fish Processing. Being a vocational course it offers students on-the-job training at various seafood processing plants and aquaculture farms thus making them industry ready.

Commendations:

- The curriculum of the department is in keeping with the vision and mission of the college and has relevance to the latest local, national and global needs.
- The department has integrated cross cutting issues relevant to gender, environment and sustainability, human values and professional ethics into the curriculum.
- Feedback is taken from students and alumni/ae while designing the curriculum for the department.
- The department has good infrastructure to meet its needs including a wet laboratory, Microbiology laboratory, Bioassay laboratory and a multispecies Ornamental Fish breeding hatchery.
- Students are given practical training in all aspects of aquaculture both insitu and ex situ.
- Mentoring is carried out in the department as and when required.
- Students are encouraged to attend seminars/workshops in aquaculture and related fields in order to expose them to the current trends in the subject.
- Experts in specialized subjects of fisheries/aquaculture are invited for delivering talks on related subjects.
- The department has forged strong bonding among the alumni/ae and they maintain this relationship.
- About 80% of the class of 2018 were placed in jobs while approximately 10% went for higher studies.
- Faculty have several publications to their credit.


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- Consultancy is offered by the department to ornamental fish farmers and people for whom ornamental fish breeding is a hobby, setting up aquariums and fish marketing.
- Consultancy is also given in fish processing units'viz., fish pickling, fish drying, fish canning and fish curing.

Recommendations:

- ✓ The department needs to revise the Programme outcomes, programme specific outcomes and course outcomes. The same to be uploaded on the college website.
- ✓ Attainment of course outcomes to be evaluated and communicated to stakeholders.
- ✓ Offer value-added courses to the students of other departments.
- Feedback on current curriculum must be taken from all stakeholders to help design and develop the curriculum during the next revision.
- ✓ Conferences, seminars and lectures maybe organized for students.
- 92 • Library resources maybe increased both in the central library as well as department library.
- 92 • The department may make efforts to increase student diversity and student strength.
- Encourage students to pursue higher degrees and also take up competitive examinations at the state and national level.
- ✓ Efforts may be made to obtain funding for research.
- Teachers from other states may be recruited.
- More collaboration with other institutions and academe-industry linkage may be pursued.
- Student Outreach Programmes to be given more attention.

Date: 12/02/2019

Place: Bangalore.



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Dr. Sr. Annamma Philip, FMM
Secretary General, XBHEI

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