

DEPARTMENT OF ZOOLOGY
SACRED HEART COLLEGE, THEVARA (AUTONOMOUS)
BOARD OF STUDIES MEETING ON 01/11/2014

Members present

1. Thajudeen A. K.
2. Dr. M. K. Raju
3. Dr. Samson Davis Padayatty
4. Dr. T. J. James
5. Dr. P. C. Sebastian
6. Dr. Mathew M. J.
7. Mr. Jobin C. Tharian
8. Ms. VishnuPriya M.
9. Mrs. Teena James

The BoS meeting started at the Zoology Department at 10.45 am. After the common meeting presided by the Principal, Dr. M. K. Raju, Chairman BoS welcomed all the members and stressed on the need of change in the syllabus in the grass root level. He also stated that emphasis must be given to change in the syllabus in such a way that they become more employable.

BoS decided to call for a special meeting as early as possible in the light of absence of a few external members in the present meeting.

BUSINESS TRANSACTED

1. Minutes of the previous meeting was read and approved.
2. List of examiners was not finalized because of the lack of consent from a few in the list.
3. Overall vision, learning outcomes and student attributes were discussed:
 - a) BoS unanimously agreed on the need to make biodiversity awareness among students to make them curious to life along with self-employment promotion.

4. Syllabus

- a) For first year PG and UG courses, the M.G. University syllabus has been approved.
- b) Bos decided to implement CBCSS for UG.
- c) BoS also decided to incorporate diverse skill elements to qualify the students to be future entrepreneurs.
- d) BoS also suggested cross cutting issues like gender, environment and sustainability, human values, professional ethics to be included in new syllabus.
- e) **BoS agreed on the urgent need for a revision in the BSc first year syllabus, so that they may be made interested in Zoology in the first year of joining.**
- f) Dr. M. K. Raju suggested a three-member sub-committee to prepare a major change in syllabus.
- g) The committee comprises Dr. Samson Davis, Dr. M. J. Mathew and Mr. Jobin C. Tharian.
- h) Mr. Jobin Tharian suggested the need to incorporate scholastic credits by starting entrepreneurship programmes.
- i) Dr. Mathew M. J & Dr. T. J. James suggested On the Job Training (OJT) for students which will provide them knowledge and a valid certificate.
- j) Dr. Samson Davis suggested a compulsory one-month training in a Science Institute or in a professional company for creating Intellectual Professional interest.
- k) Dr. M. K. Raju suggested to incorporate Scientists from good research institutes in the board as special invitees, so as to ensure that our students get a chance to do OJT (On the Job training) in their institutes.
- l) Mr. Jobin put forward the idea to reduce practical as UGC has banned all animal dissection and to concentrate on virtual dissections.
- m) Dr. M. K. Raju suggested change in complementary course syllabus.
- n) Dr. T. J. James suggested outreach programmes for students which must be incorporated in the syllabus.

- o) Mr. Thajudeen suggested that some aspects of Medical Tourism can be included in the syllabus as it is a revenue donating area and our students will benefit from that.
- p) Mr. Jobin Tharian and Dr. Mathew M. J. suggested to have some talks with some Medical Institutes which will provide highly specialised courses to ensure the admission of our students there.

5. Road Map

Board of Studies approved the dates for the meeting of the subcommittee.

- First Meeting on 04/11/2014
- Second Meeting on 14/11/2014

Also decided for a special Board meeting on 25/11/2014 subjected to the availability of members.

6. **The main tasks related to the revision of syllabus had been assigned to the Subcommittee.**

7. Suggestion on new Programmes:

- a) BoS suggested add on courses to students in a flexible format.
- b) BoS agreed on the importance and need of an MPhil in Zoology course and suggested to start one.
- c) Dr. T. J. James emphasized on the need to contribute to the society and also on the duty to accommodate more students in S.H. to lead them to the Heartian culture.
- d) Dr. P. R. Varghese, even in his absence suggested through the Chairman, the need for evening courses for professionals and other working citizens. This must mainly target on working graduate teachers who need a Masters Degree for promotion.
- e) BoS approved the suggestion to start two value added courses- Hamster Culture and Kadaknath Culture.

8. General

- a) Decisions of the Academic Council were approved.
- b) BoS suggested that the students participating in OJT must submit a report in a specified format.

- c) BoS suggested to make at least three field visits compulsory in the syllabus which must be of different ecosystems.

Board of Studies meeting came to an end with the official vote of thanks by Dr. T. J. James at 1.10 pm.



Dr. Raju M. K.

Chairman, BoS, Zoology



Dr. Johnson X Palackappan
Principal
Sacred Heart College (Autonomous)
Thevara, Kollam

DEPARTMENT OF ZOOLOGY
SACRED HEART COLLEGE, THEVARA (AUTONOMOUS)
BOARD OF STUDIES MEETING ON 03-12-2015

Members present

1. Dr. K. Ashok Kumar
2. Dr. Raju M. K.
3. Dr. Samson Davis Padayatti
4. Dr. Philip Mathew
5. Dr. T. J. James
6. Dr. Mathew M. J.
7. Mr. Jobin C. Tharian
8. Ms. Raagam P. M.
9. Ms. VishnuPriya M.
10. Mr. Thajudeen A. K.

The fourth BoS meeting for PG Syllabus Revision was conducted on 3rd December 2015 in the Zoology Dept. at 2.45 pm.

The meeting began with a silent prayer and the chairman of the BoS Dr. M. K. Raju, officially welcomed the University Nominee, Dr. K. Ashok Kumar and all staff members.

Dr. M. K. Raju gave a briefing about the syllabus, workload, teaching hours and credits for each people. It was decided to do away with the topics dealt with at the UG level. In order to reduce the burden of students, it was decided to shift Biochemistry paper from Semester 1 to Semester 2 and Biophysics, Instrumentation and Biological Techniques from Semester 2 to Semester 1.

The theory credits for each semester are 15 credits and for practical, credits are 4, project 2 credits and viva has 2 credits.

Dr. Ashok Kumar appreciated the inclusion of basic science in the syllabus which is the need of the day.

He also appreciated the idea to give each teacher a I MSc student to mentor and guide them in order to provide for complete evaluation.

- BoS decided to implement elective system for PG.
- BoS also decided to incorporate elements in the syllabus that would enable students to acquire necessary skills for starting business firms and getting opportunities in various avenues of employment.
- BoS also suggested cross cutting issues like gender, environment and sustainability, human values, professional ethics to be included in new syllabus.

Mr. Jobin C. Tharian, proposed the vote of thanks and the meeting came to an end by 4.00pm.



Dr. Raju M. K.

Chairman, BoS, Zoology



Dr. Johnson X Palackappillil
Principal
Sacred Heart College of Autonomous
Thiruvananthapuram

DEPARTMENT OF ZOOLOGY
SACRED HEART COLLEGE, THEVARA (AUTONOMOUS)
BOARD OF STUDIES MEETING ON 28-03-2016

Members Present

1. Dr. Raju M. K.
2. Dr. Samson Davis Padayatty
3. Dr. Philp Mathew
4. Dr. Mathew M. J.
5. Mr. Jobin C. Tharian
6. Ms. Raagam P. M.
7. Dr. Moncey Vincent
8. Ms. VishnuPriya M.

The fifth BoS meeting was conducted on 28th March 2016 in the Zoology Department at 3.30pm.

The meeting began with a silent prayer and the Chairman of the BoS Dr. M. K. Raju, officially welcomed all the staff members.

It was decided to implement the revised syllabus of PG approved by the M.G. University without any change in the Academic year 2016-2017.

Following courses with significant changes will be part of the new syllabus:

- Biosystematics & Animal Diversity + Evolutionary Biology & Ethology + Biophysics Instrumentation & Biological Techniques + Biostatistics, Computer App
- Ecology, Genetics and Bio-Informatics, Developmental Biology, Biochemistry (PR)
- Animal Physiology & Immunology (PR)
- Cell And Molecular Biology +Micro Biology and Biotechnology (PR)

Students who have opted for internship, the department would make necessary arrangements.

It was decided to make the group activity of BSc Semester 5 more attractive. It was unanimously decided to assign one or two teachers of the department to each group.

It was accepted to make the Field Study Report a must for the practical End Semester Examination of both UG and PG programmes.


Following papers with substantial changes are accepted for the UG courses

1. Animal diversity - Non-Chordata I
2. Animal diversity – Non-Chordata I (PR)
3. Animal diversity - Non-Chordata II
4. Animal diversity - Non-Chordata II (PR)
5. Environmental Biology Toxicology and Disaster Management + Evolution, Zoogeography and Ethology (PR)

It was decided to start two value added courses.

- Quail culture
- Sustainable Fish Culture

The meeting came to an end at 4.15pm with a vote of thanks proposed by Jobin C. Tharian.


Dr. Raju M. K.
Chairman, BoS, Zoology


Dr. Johnson X Palackappillil
Principal
Sacred Heart
The

DEPARTMENT OF ZOOLOGY

SACRED HEART COLLEGE, THEVARA (AUTONOMOUS)


BOARD OF STUDIES MEETING ON 22-07-2017

Members Present

1. Dr. Raju M. K.
2. Dr. Samson Davis Padayatty
3. Dr. Philp Mathew
4. Mr. Jobin C. Tharian
5. Dr. Moncey Vincent
6. Ms. Raagam P. M.
7. Dr. Smitha S.

- The seventh BoS meeting was conducted on 22nd of July 2017 in the Department Ist MSc Class room at 11.30 am.
- The meeting began with a silent prayer.
- It was decided that each faculty will be in charge of two papers of both MSc and BSc syllabus.
- It was decided not to take admission for the buffer seats of UG.
- A new course in MSc Zoology (may be as MSc Animal Science) and M.Phil implementation were discussed.
- **Syllabus of UG students to be revised by slight modification including Environmental Science with reference to human rights and constitutions.**
- A revision of UG 'Genetics' paper with integration of 'Aging and its Social View' may be incorporated.
- B.Sc. practical exams to be conducted in the month of February and March.
- M.Sc. Ist internals suggested to be conducted in alternate days.
- New value-added courses to be introduced – Cuniculture, Fish Feed Culture.
- Dates of PG Sem III – Nov 7-10, 2017
- PG Sem I – Dec 7 - 8, 2017
- World Tiger Day Celebrations – Views discussed by Raagam Miss.

The meeting came to an end at 2:00 pm.


Dr. Raju M. K.
Chairman, BoS, Zoology


Dr. Johnson X Palackappillil
Principal
Sacred Heart College, Thevara (Autonomous)

DEPARTMENT OF ZOOLOGY

SACRED HEART COLLEGE, THEVARA (AUTONOMOUS)

BOARD OF STUDIES MEETING HELD ON 10-07-2018

Members present

1. Dr. Raju M. K.
2. Dr. Samson Davis Padayatty
3. Dr. Philp Mathew
4. Dr. Mathew M. J.
5. Mr. Jobin C. Tharian
6. Ms. Raagam P. M.
7. Dr. Moncey Vincent
8. Dr. Smitha S.
9. Dr. Gisha Sivan

The BoS meeting was conducted on 10th of July 2018. The meeting began at about 11.30 am. All the faculty members were present in spite of the declared holiday due to heavy rain.

Syllabus Revision

Revision of UG syllabus was the main objective. The modifications suggested are as follows:

1. S1 and S2 Core – Retained as same.
2. S1 and S2 complementary – Retained as same.
3. S3 Core complementary revisions.
4. S4 Core – Applied Zoology – Aquaculture modified; Poultry Science and Animal Husbandry incorporated.
5. S4 Complementary – Aquaculture modified; Quail Culture incorporated.
6. S 5 – Cell Biology and Molecular Biology.
 - Title changed to Cell and Molecular Biology
 - Slight modifications in module 'Gene Expression'.
7. Environmental Biology
 - Toxicology minimized.

- Population interactions incorporated.
8. Evolution, Zoogeography, Ethology
 - No Change.
 9. Bio Chemistry, Endocrinology. Physiology
 - Sports, Physiology deleted.
 - Slight deletions from Bio Chemistry.
 10. Open Course
 - Many Modifications – Simplify the paper as it is common – Subcommittee.
 11. Elective - Nutrition changed.
 - New one opted - Ecotourism and Entrepreneurship.
 12. Reproductive and Developmental Biology
 - Stem culture deleted and Animal husbandry techniques incorporated.
 13. Genetics and Biotechnology
 - Module title changed from Genetics.
 14. Micro Biology Immunology
 - Small portion deleted from Virology
 - Small portions deleted from Module 9 and 10 of Immunology.
 - Modifications in Module II bringing more clarity.
 15. Bioinformatics
 - EMBL and INSDL incorporated.

Following significant changes are included in PG Syllabus

1. Biosystematics & Animal Diversity + Evolutionary Biology & Ethology + Biophysics Instrumentation & Biological Techniques + Biostatistics, Computer App
2. Ecology, Genetics and Bio-Informatics, Developmental Biology, Biochemistry (PR)
3. Animal Physiology & Immunology (PR)
4. Cell and Molecular Biology +Micro Biology and Biotechnology (PR)

Value Added Courses

Vermiculture and Fish Culture are to be introduced as the new value-added courses.

The meeting came to an end regarding 'Theory' revisions. Revision of practicals discussed later.

Need of submission of New Syllabus before July 31st, 2018.

The meeting came to an end at about 1.30 pm. with lunch thereafter.



Dr. Raju M. K.
Chairman, BoS, Zoology



Dr. Johnson X. Palackappan
Principal
Sacred Heart College - (Autonomous)
Thevara, Kochi-682 013

DEPARTMENT OF ZOOLOGY
SACRED HEART COLLEGE, THEVARA (AUTONOMOUS)
BOARD OF STUDIES MEETING HELD ON 15-03-2019

Members Present


1. Dr. T. V. Sajeev – Head, Division of Entomology
2. Dr. Raju M. K.
3. Dr. Philp Mathew
4. Ms. Raagam P. M.
5. Dr. Moncey Vincent
6. Dr. Smitha S.
7. Special Invitee Dr. Vidhu V. V.


The BoS meeting started at the Department at 11.30am.

PG Syllabus revision was the major objective.

1. Making the record work interesting by including photos or points to be drawn for identification process.
2. Classes to be taken by invited people for e.g., doing research in particular field.
3. Swap the classes for e.g., Shifting the classes of one department to the other.
4. The subject is open still for research. What further? must try to answer. Frontier areas of Research must be exposed before the students.
5. Scope for the subject and an idea about project – an orientation class must be given.
6. Classes to be taken based on our experience.
7. The project report to be evaluated based on panel.
8. Attractions regarding the course like Cruise arrangement from CMFRI.

The meeting came to an end at 12.50 pm.


Dr. Raju M. K.
Chairman, BoS, Zoology


Dr. Johnson X Palackappillil
Principal
Sacred Heart College (Autonomous)
Thevara, Kollam-686 013