

# **Minutes of the Board of Studies in Botany 2015-16**

SACRED HEART COLLEGE KOCHI

## Fourth Meeting of the Board of studies of Botany Conducted on 26/11/2015

Venue : Department of Botany Seminar Hall

Time : 10.40am

Sl.No.	Name	Signature
1	Dr. M.S. Francis	Tom
2	Rev. Dr. Jose John	Jose
3	Mr. C.G. Sudha	Sudha
4	Dr. Lina Mathew	Lina Mathew
5	Binoy C	Binoy C cbinoyc@gmail.com
6	Rev. Roy Zacharias	Roy
7	Dr. Cibly Kurianose	Cibly
8	Mr. Kiran George Koshy	Kiran
9	Mr. Ebin P. J	Ebin
10	Dr. Sma Neerakka	Sma

The fourth BOS meeting of the Department of Botany, Sacred Heart College Thevara started by 10.40am with a silent prayer. Dr. M.S. Francis, HoD and Chairman of BOS, presided over the meeting. Eight BOS members and two special invites (Mr. Ebin P.J and Mr. Kiran George Koshy) attended the meeting. Rev. Dr. Jose John, Vice Principal, Sacred Heart College, Thevara welcomed the members to the meeting. Dr. M.S. Francis explained the importance of the meeting emphasising curriculum syllabus revision with innovation.

Prof. Roy Zacharias explained the mode of action taken to implement the hands on training program for the present BSc final year students as per the decision taken during the 3<sup>rd</sup> BOS meeting held on 17/03/2015.

Dr. C.G. Sudha, INTBARI suggested to include advanced techniques such as spawn production technology for mushroom cultivation for BSc students. Dr. Cibly Kurianose opined that soft copies of the MSc projects should be collected along with submission of dissertation and make it available in the digital library. Dr. Sudha further suggested to seek funds to implement



the hands on training program from state/UGC and other funding agencies. Dr. Sudha emphasised the need of enhancing the scientific topics presentations and writing skills of students at different levels. Dr. Lina Mathew suggested some modifications and points that were relevant for the syllabus revision. The Bos discussed over these suggestions.

The external Bos members expressed their happiness over the successful implementations of hands on training to the ongoing BSc final year students.

The following were the major resolutions made during the meeting.

- 1) Internship should be implemented as extra credit after 2<sup>nd</sup> Semester for the MSc students from 2015 admission onward.
- 2) Virtual Lab experiments should be implemented as an optional extra credit for MSc students in the semester wherever applied.
- 3) The "Biotechnology" paper in the 3<sup>rd</sup> semester has been substituted by "Plant Reproductive Biology, Palynology and Plant Breeding".
- 4) Different methods of seed germination techniques to determine the effect of different physiological conditions and pre sowing treatments such as soaking in water, different concentration of  $CO_2$  solution, chilling, mechanical scarification, using acid free germination paper/absorbant cotton/filterpaper in Petridish etc. should be included in the "Plant Reproductive Biology" syllabus as practical.
- 5) BSc topics in MSc syllabus is separated out from the main syllabus as a course introduction part. The first internal test shall be based on this part.
- 6) Other relevant aspects or curious information related to Reproductive Biology shall be included in the respective syllabus.
- 7) Some of the courses are rearranged and placed in relevant semester. Credits and hours for these papers have been changed accordingly.
- 8) Modern techniques in cultivation methods such as precision farming and other recent methods should be incorporated with plant breeding.
- 9) Each student should present a published paper (from a peer reviewed journal) recommended by the course teacher as seminar.
- 10) Project theme defence presentation should be considered as internal evaluation and the score for the same should

- be considered as internal evaluation and the score for the same should be included in the MSc project internal Marks.

Dr. Gibby Kuriakose, Secretary, BoS, Department of Botany, Sacred Heart College, Thiruvananthapuram proposed the vote of thanks.

The meeting concluded by 12.35 pm

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For  
6/7/16