

Minutes of the Board of Studies in Botany 2014-15

SACRED HEART COLLEGE KOCHI

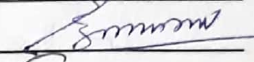
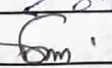

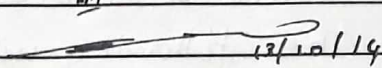
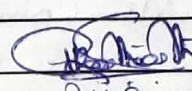
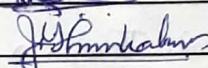
Meeting of the Board of Studies of Botany

Conducted on 13th October 2014

Time: 4.00 PM

Venue: Dept. of Botany

Members present

1. Dr. George Joseph (Chairman) 
2. Dr. M.S. Formis 
3. Mr. Jay P Srept 
4. Dr. C.M. Joy 
5. Prof. Roy Zacharias
6. Dr. Cuby Kuriakose 
7. Fr. Dr. Jose John 

The first meeting of the B.O.S. was held today in the department staff room, at 4.00 PM.

After getting autonomy to the institutions, the departments are supposed to constitute separate Board of Studies comprising the department staff and experts from different academic and co-academic related areas. The first Bos meeting discussed in detail about apt personalities who have contributed to the academic and co-academic related aspects.

The role of Bos, in this connection, is to suggest and decide measures that helps to improve the curriculum and students capacities.

Keeping in mind of the above aspects, the department Bos has decided to recommend the following personalities as external Bos members.

1. Dr. John E. Thoppil, Academician, HoD, Department of Botany, Calicut University
2. Dr. Sudha C.G. Scientist E₂, INTBGR, Thiruvananthapuram
3. Dr. Linn Malkew, Dept. of Bioscience, MA University, Kottayam
4. Dr. Sanjay V.N, SD College, Akappuzha, (Alumnus of the Department of Botany, SH college, Thiruvananthapuram)
5. Mr. Binay C., Representative from Industry, AVT, Ernakulam

(PTO)

The first meeting of the Board of Studies (BOS) of the Department of Botany was held on 13/10/14 at 4 pm in the department.

The meeting was presided over by chairman of Board of Studies Dr. George Joseph (HOD, Dept. of Botany)

The following were the discussions and deliberations

- 1) M.A. University & UG & PG syllabus for this academic year is approved for the admission of 2014-15.
- 2) The existing direct grading system is replaced with indirect grading system for the admission starting from 2014-15
- 3) The proposed internal and external assessment ratio of the academic council (ie 75 for external and 25 for internal) is approved
- 4) The proposed exam pattern and question paper model was discussed and approved with a suggestion for modification in the choice of 4th section question as interchoice among two questions
- 5) Approval of examiners list was not put for discussion since it is confidential
- 6) The proposed internship, study tour, and extra credits were accepted in principle and mooted for detailed further discussions.
- 7) The meeting nominated Dr. Cibly Kurialase as the member secretary of the Board of studies of the Department of Botany

The meeting concluded by 5:40 pm.

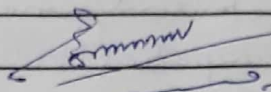
Meeting of the Board of Studies of Botany

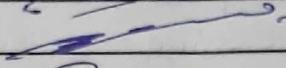
Conducted on 01-11-14

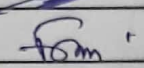
Time :- 11.00 am

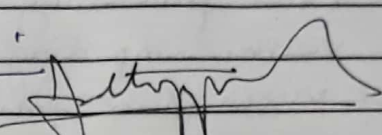
Venue :- Department Staff room

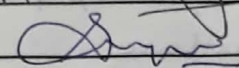
Members Present


1. Dr. George Joseph 

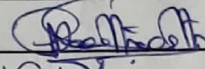
2. Dr. C.M. Jay 

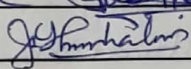
3. Dr. M.S. Francis 

4. Dr. John P. Thoppil 

5. Dr. V.N. Sanyal 

6. Binny C 

7. Dr. Gibly Kurialose 

8. Fr. Dr. Jose John 

The second meeting of Bos. (Department of Botany, SH College, Thevara) held on 1st November 2014 was presided over by Dr. George Joseph, HoD, Department of Botany SH College, Thevara. Eight Bos members were present in the meeting.

The meeting discussed on the syllabus of undergraduate and post graduate Botany courses separately. Dr. George Joseph started the discussion by emphasizing the need of fundamental science and relevance of agriculture.

The meeting discussed about the relevance of BSc 1st Semester core paper "Methodologies and perspectives in science and ~~and~~ diversity in plants" and decided that this paper shall be replaced by some other relevant paper that includes scope, relevance, history, importance, traditional knowledge, etc. These changes shall be made after further-necessary discussions.

The meeting discussed on one day field visit by students as a part of curriculum and decided to retain the same as a part of 1st Semester academic calendar.

part of the 1st semester BSc core paper shall be shifted to Vth Semester after necessary modification.

After concluding the discussions on UG syllabus, the meeting discussed in length on post-graduate (PG) syllabus.

The vth semester BSc open course paper shall be diversified by including some of the following topics

- Plantation management
- Bonsai Preparation
- Food processing
- Vermicomposting
- Malaysian fruits/fruit yielding trees
- Tissue culture
- organic farming
- Nursery training
- Mushroom cultivation
- Medicinal plants.
- Aquarium plants etc.

The following were the discussions on MSc Syllabus

The structure and content of the syllabus shall be revised giving emphasis to compatibility of the syllabus with NET. Make Curriculum vita (CV) a mandatory along with the dissertation and produce the same during comprehensive viva. This shall be mentioned in the syllabus. The PG dissertation should be submitted along with a research paper in a standard journal format and internal marks shall be given for such paper presentations. An abstract of the dissertation shall be made available to the examiners prior to the 'viva voce'. The last chapter of each subject shall include the most advanced topic/portion/development. The repeated papers of MSc 3 semester and 4th sem^{tr} (Bioteknologi) shall be combined with the inclusion of some advanced area. Include a bridge course for MSc students as the students joining MSc come from different colleges/universities. Introduce a multi exit program for BSc that leads to PhD or an integrated BSc-MSc-MPhil-PhD program allowing the student lateral entry for advanced courses, after a feasibility study.

The meeting came to an end by 1.10 pm

Meeting of the Board of Studies of Botany conducted on 17-03-2015

Venue: Botany Department Seminar Hall

Time: 10.10 am

Sr. No.	Name	mail id.	Mobile No.	Signature
1.	Dr. George Joseph	giparamandy@gmail.com		
2.	Dr. John F. Joseph	jethoppil@gmail.com	9847167193	
3.	Dr. C. G. Sudhe	cgsudhe@yahoo.co.in	94495300332	
4.	Dr. Lixie Mathew	lixiemathew@mgu.ac.in	9447505690	
5.	Dr. Jay P. Joseph	jayp2499@gmail.com	9442205521	
6.	Dr. Giby Kuriakose	giby.kuriakose@shcollege.ac.in	99471099	
7.	RAY ZACHARIAS	rayzacharias@yahoo.com	9446377733	
8.	Dr. M. S. Francis	msfrancisman@shcollege.ac.in	9447214048	
9.	Dr. V. N. Sanjay	vnsanjai@gmail.com	9447475867	
10.	Fr. (Dr.) Jose John	fr.jose@shcollege.ac.in	944743399	
11.	Dr. C. M. Joy	jcheemikkal@gmail.com	9447391905	

The following are the major deliberations of the 3rd BOS meeting of the Department of Botany, SH College, Thervan. Dr. George Joseph, HOD, Dept. of Botany, SH College, Thervan presided over the meeting. Eleven BOS members were present during the meeting.

- The proposed syllabus for the BSc autonomous program (both core and complementary courses) has been unanimously approved with the following modifications.

The 1st semester BSc core paper entitled "Methodology and perspectives in science and an introduction to the world of plant diversity" has been removed and some relevant parts of this paper has been shifted to 6th semester after merging the same with "General Informatics and methodology in plant science" of second semester BSc Botany Core paper.

- Other courses/papers for various semesters are arranged or rearranged as follows

P.T.O.

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Semester	Course	Title
1	1	Microbiology and Physiology, Practical - A
2	2	Mycology, Lichenology and Plant Pathology - Practical B additional core course - Environmental science
3	3	Bryophytes, Pteridophytes, Gymnosperms and Palaeobotany Practical - C
4	4	Anatomy and Angiosperm Morphology, Practical - D
	5	Angiosperm systematics, Floral Morphology and Economic Botany, Practical - E
5	6	Environmental science & Ecotourism Practical - F
	7	Genetics and plant breeding, Practical - G
	8	Cell and Molecular Biology and Evolution Practical
	9	open course. Agri-based Micro enterprises/ Horticulture and Nursery management/Biotechnology & Bioinformatics
	9	Plant Physiology and Biochemistry Practical I
	10	Perspectives of science and methodologies and GI Practical - J
6	11	Biotechnology and Bioinformatics - Practical - K
	12	Horticulture, Nursery Management, Embryology and Reproductive Biology Practical - L
	13	core choice based course - Phytochemistry and pharmacy plant genetic resources management Agri business Hands on training/Research project

The students can exercise an option for choosing the project work in the 3rd year. It can be a research project or a hands on training project in any of the following 17 areas for students from 2013 admission onwards

- ① Mushroom cultivation
- ② Landscaping and Garden design
- ③ Nursery Management
- ④ Flower arrangement and vegetable carving
- ⑤ Topiary and Bonsai
- ⑥ Poly house farming and plantation ^{precision farming} Management
- ⑦ Organic farming and plantation management
- ⑧ Plant Tissue culture
- ⑨ Cultivation of Medicinal Plants
- ⑩ Traditional post-harvest technology
- ⑪ Natural fibre extract and handicrafts
- ⑫ Natural dyes & mural painting
- ⑬ Vermi composting and organic manure
- ⑭ Biopesticides and insecticides
- ⑮ Biopesticides & Biological control
- ⑯ Traditional & natural food presery
- ⑰ Floriculture & Flower marketing

The meeting approved to shift one credit from open course to Plant systematics, floral morphology and Economic Botany (Course-5) of 5th semester. The meeting decided to grant one extra credit to virtual lab experiments. It is also decided to draft and append a research paper as per Hortian Journal of pure and applied sciences in bound form alongwith the Msc dissertation form 2013 admission onwards

The meeting concluded by 1:20 pm.

for
26/11/15