

Minutes of the Board of Studies in Chemistry 2018-19

SACRED HEART COLLEGE KOCHI

BOS Meeting held on 20.18.07.18

1. Dr Joseph John
2. P. Mathan Kumar S.
3. Jude. Martin Mendez
4. K-B Jose
5. Joseph T. Molazil
6. Joseph Joseph
7. Jene George
8. Ignatious Abraham
9. Jene Lynae
10. Ramakrishnan S
11. Abi. T.G
12. Thomas Bas Xavier
13. SENJU DEVAESYKUTTI
14. V.S. Sebastian
- 15
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The following decisions are taken during the meeting.

Changes to be made in Environmental Chemistry (Sem II)

- Green chemistry content can be enriched by including nanotechnology and its environmental impacts naming it as "Environment aspects of Nanotechnology"
- Supplement Unit 4 Air water ~~and~~ soil pollution taking a few more additions if needed.
- Nuclear chemistry : Sem II content & enviro studies should not be same. Hence substitute Nuclear Chemistry topic in Sem II (9hrs) with portions that we excluded from "advanced paper" or any relevant topic either from Inorg/Phy/Theoretical paper
Suggestion : Acids & Bases, HAAB principle.
- Delete Acid base concept from Inorg Sem V Add this to Sem II

The
 Dept. of
 Chemistry
 St. Joseph's College
 Palayamkottai
 Head of the Department
 Dr. J. J. Joseph

(core) for 4 hrs, and also Non aqueous solvents (Liq. NH₃) for 4 hours (from Sem VI (inorg))

• Sem VI co-ordn chem. hours to be increased from 18 to 27
Enrich co-ordn taking few topics from univ. syllabus.

• Committees suggested for Reform:

org. VSS, JTM

In org RKS, SD

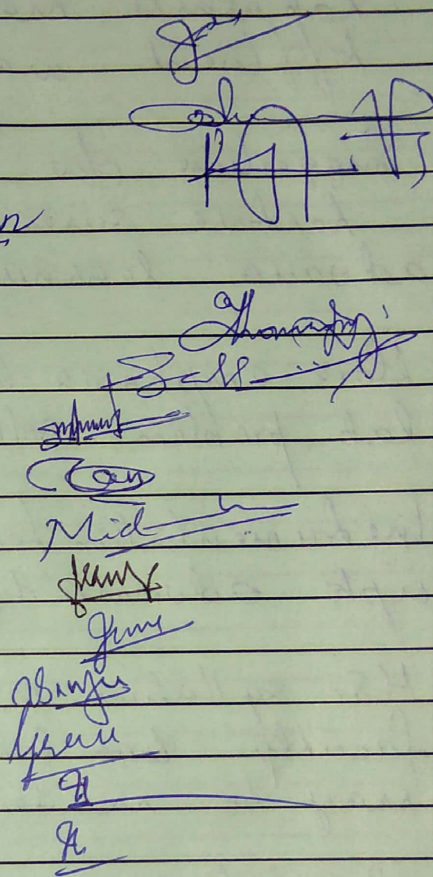
Physical IGA, TX

Organic chemistry - include topics on a real time practical manner.

Dr. Jose K. B
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The Post Graduate & Research
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BOS Meeting held on 15.03.19

1. Dr. K.B. Jose
2. Dr. Kochu Baby Manjooran
3. Dr. Reji Varghese
4. Shri Josen Padayatty Chair
5. Fossil Da
6. Dr. Joseph T. Morlayil
7. Dr. V.S. Sebastian
8. Dr. Joseph Joseph
9. Dr. Ramakrishnan S
10. Midhun Dominic C.D
11. Frankm. J.
12. Dr. June Cyrae
13. Sirja Devakulthy
14. Grace Thomas
15. Dr. Theomas Xanich
16. Dr. June George



Experts expressed their concern over the lack of skill development in the present syllabus which can enable students to pursue a practical based system.

Clarifications are made on the environmental studies portion

To make ^{the syllabus} more relevant it is better to add some practical aspects of chemistry rather than topics on dimeric highlights.

Suggestions we made to include portions like nuclear waste hazards, its disposal, PAH elimination methodology, toxic molecules in food etc.

Add on course on toxic materials in food may be formulated in future which may

increase the employability of students.
 Again, ^{suggestions for} add on course on
 Drinking water stds
 Lab waste management
 Effluent water treatment etc.

Suggestions for
 lecture series of some domain for
 advance learners by experts from outside

More emphasis to qualitative & quantitative
 lab problem solving.

Instrumentation techniques may be extended
 up to advanced instruments.

MSc syllabus may be revised by a team of
 faculty ~~was~~ based on subjects & changed
 may be made in practicals as well.

Resolutions of the meeting.

1. Resolved to restructure the BSc syllabus
 in the OBE format to project the outcome
 of ~~the~~ each course and of the entire
 programme.
2. Resolved to start a 30 hour add on course
 in food chemistry in the current year.
3. Resolved to revise the P.G. syllabus incorporating
 practical application.

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