

Minutes of the Board of Studies in Physics 2016-2017

SACRED HEART COLLEGE KOCHI

MINUTES OF BOARD OF STUDIES MEETING
HELD ON JULY 14, 2016 AT 02:00 PM.

A meeting was held at the Department of Physics, SH College, Tharava by the members of BOS on July 14, 2016 at 02:00 PM and following members attended the same.

1. Prof. (Dr). Pramod Gopinath
2. Dr. Anon V Vanehipurackal
3. Prof. Varadarajan
4. Mr. Kuruvilla George
5. Dr. George Kutty Joseph
6. Prof. V.M. George
7. Dr. Siby Mathew
8. Dr. Ruby Cherian
9. Dr. Jimmy Sebastian
10. Dr. Sumod S.G.
11. Dr. Mathew George
12. Mr. Pius Augustin
13. Prof Elizabeth

The meeting started with a silent prayer, followed by the welcome address by Dr Jimmy Sebastian. Dr. George Kutty Joseph in his valedictory presidential address congratulated Dr Pramod Gopinath for achieving the Professor position in CUSAT, who is an alumni and member of our BOS. He also congratulated Dr Sumod S.G. for bagging the Prestigious Young Scientist Award from International Union for Pure and Applied Chemistry (IUPAC). The BOS expressed the ^{deep} condolence to the sad demise of

Dr. Georgekutty pointed out that our M.Sc syllabus was approved by the BOS of MG University.

The M.Phil syllabus was examined by the BOS of MG University and Prof. forwarded a few remarks, as following

1. The syllabus is inadequate
2. The course structure has many anomalies mainly in contact hrs/week.
3. The Evaluation system as per regulation is direct grading. But the internal component are given in the mark system
4. The Question paper pattern is also given in mark system.

All these remarks were discussed by the BOS in detail, and a suggested proper modifications to the structure/curriculum of the M.Phil programme. The main decisions are the following

1) The General Physics paper I and General physics II must be combined together to form a single paper as General Physics. Dr. Ison along with Prof. Varadarajan suggested some recent topics in the realm of Physics for the same. It was proposed to remove the same portions from the existing syllabus, which are there in the M.Sc syllabus and also.

2) Thus in the 1st Sem M.Phil programme there will be three papers such as General Physics, Research methodology and one elective paper.

3) It was suggested to include some more papers for the elective papers. Thus there can be 8 or 9 papers as elective, so that the students can select any one of them according to their project topic.

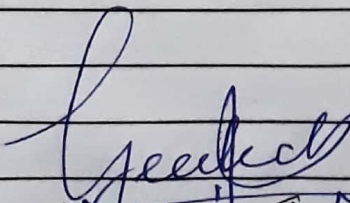
4) The credits for theory papers and Project were re-adjusted. Final conclusion is that ^{each} all theory papers can have a credit of 5 so that ^{a bit of} 15 credits in the 1st Sem. The viva credit for the project was removed so that total credits for the project including Viva is 25.

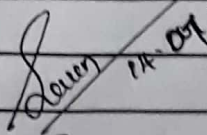
5) The contact has per week has also re-organized so that it matches well with the existing structure/pattern of already-approved M.Phil syllabi from other autonomous colleges.

6) The entire grading system has been changed from ~~indirect~~ direct grading to the indirect one.

7) It was decided that the modified Syllabus/Curriculum will be applicable only for the 2016 admission onwards so that the modification will be not ~~affect~~ ^{affect} the 2015 admission batch.

The meeting came to an end at 05:00 pm with the vote of thanks by Dr. Ruby Cheria.


Dr. George Tomy Joseph
(Chairman, BOS)

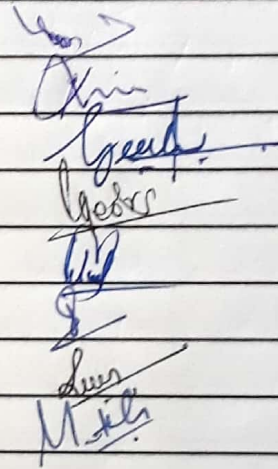

Dr. Sumod S G
(Secretary, BOS)

MINUTES OF BOARD OF STUDIES MEETING

HELD ON JANUARY 25, 2017 AT 03:30 PM

A meeting was held at the Department of Physics, St. College, Thuvara by the members of BOS on January 25, 2017 at 03:30 pm and the following members attended the same.

1. Dr. Leon V. Vanchipurackal
2. Mr. Kuruvilla George
3. Dr. Georgekutty Joseph
4. Prof. VM George
5. Dr. Siby Mathew
6. Dr. Jimmy Sebastian
7. Dr. Sumod SGT
8. Dr. Mathew George



 Leon V. Vanchipurackal
 Kuruvilla George
 Georgekutty Joseph
 VM George
 Siby Mathew
 Jimmy Sebastian
 Sumod SGT
 Mathew George

The meeting started with a silent prayer followed by the welcome address by Dr. Georgekutty Joseph. The following aspects were discussed in detail.

1) The Essay Section in M-sc (82) Question paper has to be modified in the following way.

- 1) Essay (1) from Unit I OR Essay (2) from Unit I
- 2) Essay (3) from Unit II OR Essay (4) from Unit II
- 3) Essay (5) from Unit III OR Essay (6) from Unit IV

The Essays (5) and (6) can be randomly selected and ~~can~~ must be modified from year to year.

2) The papers, which contain 3 units, no need to update/modify every year, since no issues are there.

(3) Additional experiments like Arc Spectra must be included in the syllabus and must be updated accordingly.

(4) An ^(two-day) one-day BOS was planned, probably during the ~~month~~ of June 2017, primarily to discuss the revision of UG syllabus. In combination with PGT, the BOS may be extended to 4-days.

(5) The study tour may be included as a separate component, so that additional credit can be given to it.

(6) Design/Simulation tools may be included in the ~~Ad-sc~~ ^{M.Sc} as a separate ~~Ad-sc~~ ^{Ad-sc} ~~Course~~ ^{Additional Course} Program. (MATLAB, LABVIEW etc.).

(7) Question paper associated issues may be solved by contacting suitable external experts. Dr. Eson admitted that he can be one of the external expert for Condensed Matter Physics.

[Signature]
Dr. G. S. S. Joseph
(Chair, BOS)

[Signature]
Dr. Sumedh S. S.
(Secretary BOS)