

Minutes of the Board of Studies meeting of the Department of Physics held on 14th June 2019 at 10.00 am in the Department of Physics (BOS 2019 #)

Members Present:

1. Dr. Reenu Jacob, Chairman

2. Dr. K. Indulekha,

3. Dr. V. Biju

4. Dr. K. S. Szeelatha

5. Sam Rajan

6. Dr. Ravikumar C

7. Ms. Rincy Thomas

8. Dr. Preema C. Thomas

9. Neethu Theresa Willington

10. Jeya P.

11. Dr. Arun Kumar KV

12. Dr. Thejal Abraham

Also present Member secretary – Dr. Seema R.

Apology of Absence – Dr. K. C. James, Mr. Preman D. Ninan, Mr. Blesson George and Dr. P. Nuja S. John.

Chairman Dr. Reenu Jacob welcomed all the members and in her introductory remarks she detailed about the progress of the Curriculum Revision. She said that almost all the suggestions made by the BOS experts were incorporated in the curriculum of both M.Sc. Physics and M.Sc. Applied Physics programmes. She also remarked that such an urgent meeting is convened to remove the anomaly prevailing on certain aspects of curriculum of M.Sc. Physics

and M.Sc. Applied physics programme. Moreover, it is now felt essential in the context of a note dated 13th June 2019 submitted by Dr. K. Indulekha, University Nominee to the Board of Studies, to the Hon. Vice Chancellor and the copy of the same note forwarded to the Chairman, Board of Studies of Physics, by the Principal CMS College, to be considered in today's Board of Studies meeting.

Agenda 1:

Regarding the title of M. Sc. Applied Physics programme

Dr. K. Indulekha suggested that title of M.Sc. Applied Physics programme may be as per the directives of UGC, Gazette Notification No: D.O.No.F 1-10/2004 Pt.(CPP-II).

After discussion it was concluded that the decision regarding Agenda I is beyond the purview of the BOS and hence decided to place it before the Academic Council for clarification as necessary

Agenda 2:

Provision of additional electives for the choices of students of M.Sc. Physics and M.Sc. Applied Physics programme.

It was suggested by Dr. K. Indulekha that the existing separate elective bunches of the two M.Sc. programmes in Physics viz. M.Sc. Physics and M.Sc. Applied Physics be made open for choice by students from both programmes.

In the syllabus presented in last board of studies meeting, there were two elective bunches for M.Sc. Physics and only one elective bunch for the M.Sc. Applied Physics program, thus denying choice to students opting M.Sc. Applied Physics program. The proposal for permitting cross selection of electives was made to remove this anomaly.

The Board of studies discussed in detail the proposed new bunch of electives titled 'Optronics' for M.Sc. Applied Physics programme. This bunch is in conformity with the designed philosophy of the M.Sc. Applied Physics programme and offers choice for the students. Thus, obviating the need for selection of electives between the programmes.

An additional bunch of elective “Optronics” is included in the curriculum of M.Sc. Applied Physics, with 4 theory papers and 1 practical paper as follows:

1. Solar thermal energy collection and storage
2. Bio photonics
3. Applied Optics
4. Optical Instrumentation
5. Optronics Practical

Agenda 3:

Final approval of the curriculum of M.Sc. Physics and M.Sc. Applied Physics programme.

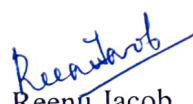
It was decided in the previous meeting (Minutes of BOS meeting 11/06/2019, Agenda Item No. 3- other matters-2(b)) to shift Computational Physics Practical in Semester –III of M.Sc. Physics programme to semester IV and Elective practical of semester IV to Semester III, so as to have common electives for both programmes. With the addition of separate elective bunch to M.Sc. Applied Physics programme, the above decision stands cancelled.


The curriculum revision of M.Sc. Physics and M.Sc. Applied Physics programme was completed after the incorporation of all the suggestions made by the BOS experts in the BOS meeting.

After discussion the curriculum and syllabi of M.Sc. Physics and M.Sc. Applied Physics programmes were unanimously finalized and forwarded to the Academic Council for approval.

The meeting came to a close at 11. 50 am.

Read and confirmed by


Dr. Reenu Jacob
(Chairman)


Dr. Seema R
(Member Secretary)