

PG and Research Department of Physics
Minutes of the Meeting of Board of Studies in Physics (PG)

The meeting of the Board of Studies in Physics (PG) was held on Monday, 17th December, 2018 at 7.15 P.M. in Di Fiore Hall. The following members were present for the meeting.

Members Present

Chairperson

Dr. M. Jose

Members

Dr. A. Albert Irudayaraj
Mr. C. Tirupathi
Mr. D. Daniel Lawrence
Mr. M. Aravinthraj
Dr. S. Kalaiarasi
Mr. R. Ramesh
Mr. D. Rajkumar
Dr. A. Dhayal Raj
Mr. N. Madhavan
Dr. S.A. Martin Britto Dhas
Mr. G. Jayakumar
Mr. D. Magimai Antoni Raj
Rev. Dr. G. Theophil Anand, SDB
Mr. L. Anandaraj
Dr. S. John Sundaram
Mrs. K. Kalaiarsi

University Nominee

Dr. F. Liakath Ali Khan,
Associate Professor,
Department of Physics,
Islamiah College, Vaniyambadi.

Meritorious Alumnus

Dr. R. Robert,
Assistant Professor,
Department of Physics,
Government Arts College, Krishnagiri.

Student Representatives

R.Sylvia Reena(BP170325)

T.Niha (BP180316)

The subject expert (Dr. S. Pauline) and the Industry Representative (Mr.Gerald Benedict) expressed their inability to attend the meeting.

Agenda

1. To approve the existing programme structure (effective from 2017-18 onwards), syllabi, regulations for theory, practical and project work for M.Sc. Physics.
2. To discuss and evaluate the syllabus prescribed for the I, II and III semester of M.Sc Physics for the students admitted from the academic year 2017-2018 and thereafter.

Resolutions

After due deliberations, the following suggestions were given by the members of board of studies

1. Recommend the existing programme structure (effective from 2017-18 onwards), syllabi, regulations for theory, practical and project work for M.Sc. Physics.
2. M.Sc. students expressed their difficulties with the Mathematical Physics paper. They requested to break the paper into two.
3. M.Sc. student expressed that the mathematical paper will be useful for competitive exams and hence can be studied in two semesters.
4. Dr. Albert Irudayaraj raised the problem of asking only one problem solving question in section B pertaining to Mathematical Physics paper. Most of the staff members agreed that a separate pattern must be followed for Mathematical Physics paper.
5. Dr. S.Kalaiarasi suggested that, in Classical and Statistical mechanics, the fifth unit has to be trimmed where as all the other units are ok.
6. Dr. F. Liakath Ali Khan said that the existing syllabus of Classical and Statistical paper is good and need not be changed.
7. Rev. Dr. Theophil Anand said that, In Quantum mechanics paper the third unit can be trimmed a little.
8. The M.Sc., students expressed that the portions related to opto electronics can be removed and replaced by electronic devices.

9. Dr. F. Liakath Ali Khan said that the logic families from unit II can be moved to the unit I and Optoelectronic can be retained as unit II whereas little more practical applications can be added to it.
10. Rev. Dr. G. Theophil Anand SDB said that, Solution of KG equation with coulomb potential can be removed from unit III in Quantum mechanics II. Whereas Prof. CT insisted to mention it as qualitative study within brackets.
11. Prof. M.Aravinthraj suggested the removal of Feymann's theory of positron from unit V in Quantum mechanics II. However Dr. R.Robert insisted to retain it as it is not a very big questions. Finally the staff members agreed to remove the Feymann's theory of positron.
12. Dr. Martin Britto Dhas suggested that the Electronic Instrumentation techniques paper can be given as elective paper. Dr. F. Liakath Ali Khan said that Analytical Instrumentation unit can be removed from Electronic Instrumentation techniques paper and the same may be included in spectroscopy paper.
13. Dr. F. Liakath Ali Khan, and Prof D. Rajkumar insisted that unit three in Microprocessor can be trimmed. Dr. Robert suggested that the word instruction set can be removed from the heading in unit V.
14. The M.Sc. student said that Solid state Physics paper is heavy. However the chairman felt that the syllabus is up to the standards.
15. Dr. F. Liakath Ali Khan suggested that the title of the paper Nanoscience and Technology title can be changed as Nanomaterials and characterization.
16. Dr. MB suggested that the UV visible from the fourth unit of Nanoscience and Technology can be removed.
17. Dr. R. Robert said that in Nanoscience and Technology paper, the characterization technique unit can be removed as they are not related to nanoscience.
18. Dr. M. Martin Britto dhass suggested that in unit III of spectroscopy, N_2O can be removed and CH_3 can be included. Structural interpretation can be included for few molecules in all the units.
19. Dr. R. Robert suggested that multiple choice questions may be included in the question paper.
20. However, it is resolved to incorporate the suggestions when the review is due.

Chairperson

Dr. M. Jose

M. Jose
17/12

Members

Dr. A. Albert Irudayaraj

A. Albert Irudayaraj
23/1/19

Mr. C. Tirupathi

C. Tirupathi

Mr. D. Daniel Lawrence

Mr. M. Aravinthraj

M. Aravinthraj

Miss. S. Kalaiarasi

Mr. R. Ramesh

R. Ramesh

Mr. D. Rajkumar

Dr. A. Dhayal Raj

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Associate Professor,

Department of Physics,

Islamiah College, Vaniyambadi.

F. Liakath Ali Khan
17/12/18
Dr. F. LIAKATH ALI KHAN
Associate Professor & Controller of Examinations
PG & Research Department of Physics
ISLAMIAH COLLEGE (Autonomous)
Vaniyambadi - 635 752

Meritorious Alumnus

Dr. R. Robert,

Assistant Professor,

Department of Physics,

Government Arts College, Krishnagiri.

R. Robert
17/12/18

Student Representatives

1. T. Niha (BP180316)

T. Niha

2. R. Sylvia Reena (BP170325)

Sylvia Reena