

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

The first board of studies meeting in PG Physics for the academic year 2019-20 was held on Tuesday (27/08/2019) at 6.30 PM in the PG Physics lab. 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
	Mr. L. Anandaraj

Rev. Dr. G. Theophil Anand SDB, Dr. S. John Sundaram and Rev. Dr. P. Gandhi Kallarasan SDB did not 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 M.Sc Physics for the students admitted from the academic year 2017-2018 and thereafter.

Resolutions

After due deliberations and taking into account the suggestions of the members of the Board of studies, the following decisions have been taken.

1. Recommend the existing programme structure (effective from 2017-18 onwards), syllabi, regulations for theory, practical and project work for M.Sc Physics.
2. It is resolved that the following suggestions given by the members of the board will be once again taken up for discussion when the review is due.

The following are the suggestions given by the members. || ?

1. The members expressed that the pattern of the question paper must be left to the decision of the board.
2. Dr. Albert Irudayaraj expressed that the Elective paper must be given in accordance with the choice of the students. He also raised the issue about the self study paper as it is not being opted by any of the students.
3. Mr. G. Jayakumar expressed the difficulties in conducting the advanced general experiments for II M.Sc., as there is a shortage of instruments. He expressed the difficulty in providing the minimum of 15 experiments to the students. He also said that proper reference books must be given for non linear topics portion in crystal physics and non linear optics. Dr. M. Jose replied that he can refer to the book written by B.B. Laud on Lasers and Nonlinear Optics. } ?
4. Dr. M. Jose assured the board members that he will mail the existing list of panel of examiners passed in the previous board and asked them to suggest new examiners in the panel.
5. Mr. D. Rajkumar said that examiners from neighboring colleges can also be considered for viva-voce examination.
6. The student representative Mr. M. Sivakumar of II M.Sc. Physics expressed that the group theory in Mathematical Physics seems irrelevant to the topic. He also expressed that problem solving must be given little more importance in Quantum Mechanics.
7. The student representative Ms. V. Yamini of II M.Sc. Physics suggested that the seminar hour must be prolonged so that the students can comfortably complete their seminar topics. She also requested to give more importance for problem solving and suggested the inclusion of objective type of questions in exams.

Chairperson: Dr. M. Jose

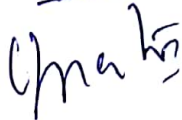

12/09/2019

Members:

Dr. A. Albert Irudayaraj



Mr. C. Thirupathy



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 

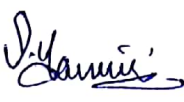
Mr. L. Anandaraj 

Dr. S. John Sundaram 

Rev. Dr. P. Gandhi Kallarasan SDB 

Student representatives:

Mr. Sivakumar M (BP180304) 

Ms. Yamini V (BP180321) 

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 Thursday, 09th January, 2020 at 1.00 P.M. in Board Room. The following members were present for the meeting.

Members Present

Chairperson

Dr. M. Jose

Members

Dr. A. Albert Irudayaraj

Mr. C. Tirupathi

~~Mr. P. 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

University Nominee

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

Subject Expert

Dr. S. Pauline,
Associate Professor,
Department of Physics,
Loyola College (Autonomous), Chennai

Meritorious Alumnus

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

Student Representatives

1. M. Sivakumar (BP180304)
2. V. Yamini (BP180321)

Rev. Dr. P. Gandhi Kallarasan, SDB did not attend the meeting as he was on OD

Agenda

1. To discuss and recommend programme structure, syllabi, regulations for theory, practical and project work for the students admitted from the academic year 2021-2022 and thereafter.

Resolutions

After due deliberations, the following decisions have been made by the board.

- Recommend the existing programme structure, syllabi, regulations for theory, practical and project work for M.Sc. Physics for the academic year 2021 – 2022 and thereafter.

The following are the suggestions / recommendations of the members of the board of studies which are to be taken up when the revision is due.

1. Dr. S. Pauline, the subject expert suggested that Electronic instrumentation can be an elective paper instead of core paper and Microprocessor can be one of the core papers.
2. Dr. R. Robert insisted the importance of electronic devices and application for competitive examinations. He suggested to incorporate CSIR-NET/ Gate syllabus.
3. Dr. S. Pauline recommended that Mathematical Physics can be split into Mathematical Physics I and II.
4. Dr. Jose expressed that Material Science paper can be removed from the structure and C programming can be included.
5. V. Yamini student representative expressed that the revised syllabus seem to be difficult especially Quantum mechanics II. Mr. M. Sivakumar expressed about the repetition of questions in the exams.
6. Dr. A. Albert Irudayaraj suggested that elective courses should be based on the expertise available in the department.

7. Mr. M. Aravinthraj advised group theory portion from mathematical physics can be incorporated in spectroscopy.
8. Mr. C. Thirupathy and Mr. R. Robert insisted that Microprocessor 8085 and Microcontroller can be considered as a core paper.
9. Dr.M Jose suggested that the sharing of elective courses between I and II years so that students are given more choices in choosing the elective papers. Mr. C. Thirupathy expressed that it may not be practically possible.
10. Dr. S. Pauline suggested that
 - (1) Quantum mechanics I can be removed from I semester and can be introduced in semester II.
 - (2) She also suggested that Quantum mechanics – II can be removed from semester II and introduced in the Semester III
 - (3) Introduce electronic instrumentation techniques in semester II as elective instead of electronic instrumentation in semester IV.
 - (4) Numerical methods and C programming can be the core paper in the third semester.
 - (5) In semester III, elective paper quantum computational physics can be changed as computational physics.
11. Dr. A. Albert Irudayaraj suggested that a separate gathering can be convened to finalise the elective papers and it was agreed by the members

Chairperson

Dr. M. Jose

M. Jose
09/01/2020

Members

Dr. A. Albert Irudayaraj

Albert

Mr. C. Tirupathi

[Signature]

~~Mr. D. Ramesh Ramesh~~

Mr. M. Aravinthraj

M. Aravinthraj

Dr. S. Kalaiarasi

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Mr. R. Ramesh

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Mr. D. Rajkumar


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Dr. A. Dhayal Raj


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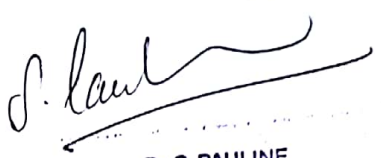
University Nominee

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


Dr. F. LIKATH ALI KHAN
Associate Professor & Controller of Examinations
PG & Research Department of Physics
ISLAMIAH COLLEGE (Autonomous)
Vaniyambadi - 635 752

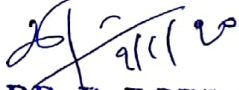
Subject expert

Dr. S. Pauline
Associate Professor
Department of Physics
Loyola College (Autonomous), Chennai.


Dr. S. PAULINE
Research Supervisor
Department of Physics
Loyola College (Autonomous)
Chennai - 600 034.


Meritorious Alumnus

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


DR. R. ROBERT
Asst. Professor of Physics
Govt. Arts College (M)
KRISHNAGIRI - 635 001

Student Representatives

1. M. Sivakumar (BP180304)



2.V. Yamini (BP180321)

