

# Minutes of Board of Studies Meeting

The Academic Year 2020-2021

School of Physics

Date: 18 September 2020

Minutes of the Meeting of Board of Studies of The School of Physics, Gangadhar Meher University

A meeting of Board of Studies of the School of Physics was held on Friday, 18 September 2020 at 11:00 AM in virtual mode through google meet to discuss the revision in the syllabus of M.Sc Physics and to approve the list of examiners and paper setters for all UG, PG and MPhil, PhD courses.

The following members were present:

Prof. Dr. Prasanta Kumar Dutta, IIT Kharagpur, (External Expert) Physics

Dr. Banarji Behera, School of Physics, Sambalpur University, (External Expert) Physics

Dr. P. Nayak, Retd. Prof. sambalpur University, (Alumnus member)

Sri. N.B. Pradhan, Govt. Women's College, Sambalpur, (Alumnus member)

Dr. Santosh Kumar Dash, Retd. Reader in Physics, Secretary, SETU, Sambalpur.  
(Representative from Civil society)

Akankhya Sahu, MPhil, Student, GM University, (Student Representative)

Dr. S.K. Das, Chairperson, Professor and HOD, School of Physics, Member

Dr. Namita Shadangi, Associate Professor Physics, Member

Dr. Pramoda Kumar Samal, Associate Professor Physics, Member

Dr. Pranati Purohit, Assistant Professor Physics, Member


Dr. Ananta Prasad Chakravarty, Assistant Professor Physics, Member

Dr. Gangadhar Behera, Assistant Professor Physics, Member

Dr. Joshabant Sekhar Hansda, Assistant Professor Physics, Member

The Minutes of the Meeting are as follows:

1. Prof. Susanta Kumar Das welcomed all the members of BOS and asked them for their suggestions to revise the syllabus of M.Sc Physics.
2. Prof. Susanta Kumar Das briefed the members about the changes in the syllabus which was also communicated to the members and experts earlier through email. He requested the members to give their inputs with a view of comprehensive revision of the content.

  
for 21/09/2020  
HOD, Physics  
G.M. University, Sambalpur

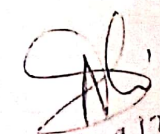


The highlights of the meetings are as follows:

1. Before the start of the meeting Dr. Dutta cleared that this revision is for the interim policy and it is not for the new education policy.
2. Dr. Dutta suggested that the syllabus should be student friendly and the advanced topics should be elective, so that those who want to go for higher studies can opt those courses.
3. Dr. Dutta also suggested that since the school is offering Quantum Mechanics-I and Quantum Mechanics-II in semester 1 and semester 2 as core subject. There is no need of Advanced Quantum Mechanics in Semester 3 as core subject. He further suggested that It can be an elective subject. He also insisted on offering Modern Optics to the MSc students.
4. Dr. Dutta also insisted on introducing Atomic and Molecular Spectroscopy in place of Advanced Condensed Matter-II.
5. Dr. Santosh Das suggested that the advanced quantum mechanics should be an elective course. He further suggested that nano-photonics and metamaterials can be combined together and can be renamed as Modern Optics.
6. Dr. Banerji Behera informed that the advanced condensed matter physics syllabus will be a heavy course for the students. So, he was requested to send the suggested revisions in the course through mail.
7. Dr. Banerji Behera also informed that the publisher name should be mentioned in the syllabus.
8. Dr. P. Nayak suggested that there is no need of advanced quantum mechanics as students study Quantum Mechanics I and II as core subjects. He also insisted that there should not be any repetition of the B.sc course in the syllabus.
9. Dr. P. Nayak also suggested that the marks distribution should be uniform i.e equal emphasis on each unit.
10. Dr. P. Samal informed in the meeting that Advanced Quantum Mechanics will not be heavy for the students and since this course is there in all universities. It should be a core course for the students.
11. Dr. Dutta suggested that the Recent Trends in Physics I, II & III, in the PhD may be renamed as (a) Theoretical Physics; (b) Experimental Physics and (c) Computational Physics. He also suggested that if such changes are made then the syllabus also needs restructuring.

In the meeting it was decided that the syllabus will be revised as per the expert's comments and it will be sent to the experts. After their final approval it will be submitted in the university on 21 September 2020.

As there was no other suggestions HOD Prof. S.K. Das concluded the meeting.

  
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