

Minutes of the Board of Studies of the Department of Physics held on 22/9/2021 at 11:00 am

The meeting of the Board of Studies of Physics, Vimala College (Autonomous), Thrissur was held on 22/9/2021 at 11:00 am on a virtual platform via Google Meet (<https://meet.google.com/igb-qxqk-wpz>). Dr. Malini K A, Head of the Post Graduate and Research Department of Physics and Chairperson of the Board, welcomed the board members.

The Agenda of the meeting:

1. Approval of panel of examiners for UG and PG programmes.
2. Ratification of any changes in the syllabus/ examination pattern.
3. Result analysis.
4. Report of feedback on curriculum by all stakeholders and action taken report.
5. Discuss measures to ensure 100% Internship, value added courses and extension.
6. Suggest methodologies for innovative teaching and evaluation techniques.

Members present

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| 1. Chairperson | : | Dr Malini K A, | sd/ |
| 2. University Nominee | : | Dr Ravikumar C D | sd/ |
| 3. Subject Expert (Outside Parent University) | : | Dr Sheena Xavier | sd/ |
| 4. Subject Expert (Outside Parent University) | : | Dr Santhosh Kumar M C | sd/ |
| 5. Industry Representative | : | Dr K R Dayas | |
| 6. Alumnae Representative | : | Dr Reena Mary A P | |
| 7. Dr Mini Krishna K | | | sd/ |
| 8. Dr Veena Gopalan E | | | sd/ |
| 9. Dr Dhanya Johnson | | | sd/ |
| 10. Ms Jovia Jose | | | sd/ |
| 11. Ms Laveena Varghese | | | sd/ |
| 12. Mr Santhosh P Jose | | | sd/ |
| 13. Dr Aneesh George | | | sd/ |
| 14. Dr Regina Jose | | | sd/ |

The chairperson briefed the minutes of previous BoS meeting and the discussions on the various items in the Agenda of the meeting resulted in the following suggestions and recommendations.

Item 1: Approval of panel of examiners for UG and PG programmes.

- a. The Panels of Examiners in the examination board of the UG and PG Programmes were presented before the board. The board members enquired about the service experience of members in the panel and the chairperson informed that examiners in the panel have required minimum experience.
- b. Panels of examiners for both UG and PG were approved by the board.

Item 2: Ratification of any changes in the syllabus/ examination pattern

- a. Chairperson Dr K A Malini initiated a discussion on the changes in the syllabus of the first and second semester UG core papers introduced by the University of Calicut for the previous year. She also informed the board that the core papers of 2020-2021 admitted batch were renamed by university as Mechanics I and Mechanics II hence adopted as Mechanics I and Mechanics II and exams were conducted likewise. The board ratified the changes in these courses and approved it with retrospective effect from 2020 admission onwards.
- b. The external board members also discussed about the number of practical experiments to be carried out due to covid-19, and the chairperson reminded about the decision of the previous BoS meeting regarding the same and practical examinations were conducted with the reduced number of experiments.
- c. The board approved the changes.

Item 3: Result analysis.

- a. The analysis of UG and PG exam results were presented before the board.
- b. Chairperson explained that majority of students are having good results.

Item 4: Report of feedback on curriculum by all stakeholders and action taken report.

- a. Report on the feedback analysis of students, parents and alumnae were presented in the BoS. The suggestions from the stake holders and action taken were also discussed.
- b. Discussed on students suggestion to start new PG courses. Board members suggested that it is not advisable to implement unaided courses. Also discussed about space constraints to start new courses. Board members suggested to focus more on funded projects and consultancies to develop to a self-sustaining department.

Item 5: Discuss measures to ensure 100% Internship, value added courses and extension.

- a. Board members explained about the opportunities in blended learning making use of other departments in the college. Department should also try to make use of other agencies outside the college. Board also suggested that industry-oriented lectures to be arranged for the students. Teachers should instruct students to work on standard text books such as Resnick & Halliday for improvising the problem-solving skills of students, henceforth increase the higher education prospects of the Department.

Item 6.: Suggest methodologies for innovative teaching and evaluation techniques

- a. Board suggested that curriculum should be reframed so as to be useful for the students in their future research and career.
- b. Internal viva to be included in every semester for getting chance for the student to become confident in facing an interview board and expressing their ideas.
- c. Board members also suggested that assessment methods should also be changed so that students who has thorough knowledge in subject can secure maximum marks. Application level question also to be included in the question paper.
- d. Members enquired about the procedures of OBE and the chairperson explained about the activities being arranged in the college as part of OBE.

Dr Mini Krishna proposed vote of thanks and the meeting concluded at 12.30pm.