

Minutes of the Board of Studies of the Department of Physics held on
19 June 2024

The first meeting of the Reconstituted Board of Studies of Physics, Vimala College (Autonomous), Thrissur for the academic year 2024-2025 was held on 19 June 2024 at 02:00 pm on a virtual platform via Google meet. Dr Mini Krishna K, Head of the Post Graduate and Research Department of Physics and Chairperson of the Board, welcomed the board members. The Chairperson, then briefed the minutes of the previous board of studies meeting.

The agenda of the meeting:

1. Ratification and Approval of FYUGP syllabus
2. Approval of syllabus of Add-on courses offered in 2024-2025
3. Discussion on internship opportunities
4. Discussion on Stakeholder feedback report
5. Result analysis of 2023-24 pass out batches
6. Approval of Panel of Examiners
7. Any other academic matter raised by the Chair

Members present

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| 1. Chairperson | : | Dr Mini Krishna K | sd/ |
| 2. University Nominee | : | Dr Dias E D | sd/ |
| 3. Subject Expert(Outside Parent University): | | Dr Riju C Issac | sd/ |
| 4. Subject Expert (Outside Parent University): | | Dr Priya Parvathi Ameena Jose | sd/ |
| 5. Industry Representative | : | Mr Santhosh A | sd/ |
| 6. Alumnae Representative | : | Dr Reena Mary A P | sd/ |
| 7. Dr Malini K A | | | sd/ |
| 8. Dr Veena Gopalan E | | | sd/ |
| 9. Dr Dhanya Johnson | | | sd/ |
| 10. Dr Jovia Jose | | | sd |
| 11. Mr Santhosh P Jose | | | sd/ |
| 12. Dr Aneesh George | | | sd/ |
| 13. Dr Regina Jose | | | sd/ |

The various items in the agenda of the meeting were discussed and the following suggestions were proposed.

Item 1: Ratification and Approval of FYUGP syllabus

The new scheme and curriculum of Physics to be adopted by the Department of Physics, Vimala College (Autonomous), Thrissur in concurrence with the Calicut University (CU-FYUGP) regulations were presented. A discussion was initiated on the different pathways offered by the Department in the upcoming FYUG Programme as per the existing workload of the Department. One of the subject experts, Dr Riju C Issac, mentioned that the Department may identify and try to offer more electives, using the advantage of autonomy. The board approved the to the new physics syllabus of FYUGP for the 2024 Physics UG programme at Vimala College. The Board was informed that the Department has the workload to offer the three pathways of the upcoming FYUGP, namely, Single Major, Major with Two Minor and Major with Multiple Minors. It was also decided to offer the following courses in respective semesters under the new curriculum.

Minor Groups (Semesters I, II and III)	1. Materials Physics 2. Semiconductor Physics
Multidisciplinary Course (MDC) (Semesters I and II)	1. Physics in Everyday Life (MDC1) 2. Astronomy and Stargazing (MDC2)
Skill Enhancement Course (SEC) (Semesters V and VI)	1. Electrical and Photovoltaic Circuits (SEC2) 2. Data Analysis in Physical Sciences (SEC3)

Item 2: Approval of syllabus of Add-on courses offered in 2024-25

The Board was briefed on the current add-on courses offered by the Department. The syllabus of a new add-on course 'Energy and Physics @ Home' planned for second year UG students was presented. The board recommended to adopt the syllabus.

Item 3: Discussion on internship opportunities

The board deliberated on the nature of compulsory internship to be completed by the FYUG student by the end of sixth semester. A list of possible industries / Institutions for internship was presented. The board suggested not to be specific in this regard and recommended that the Department Council can decide and finalise on the industry /institutions chosen by students for internship.

Item 4: Discussion on Stakeholder feedback report

The feedback analysis of the stake holders - students, parents, teachers, alumnae, employer, and academic peers was presented. The stake holders suggested the need for skill-based trainings, new innovative teaching-learning practices, internship projects, communicative English sessions, and coaching classes for competitive exams. The board resolved that new assessment patterns and innovative changes made in the revised syllabus can largely address these issues. Additionally, it was suggested that career-oriented sessions and communicative English workshops can be provided to meet the job aspiration of students.

Item 5: Result analysis of 2023-24 pass out batches

The chairperson informed the board that the results of previous UG and PG batches were published and the result analysis was presented. The pass percentage of PG and UG pass-out batches were 100% and 90.45 % respectively. The result analysis of the existing UG & PG batches were also presented.

Item 6: Approval of panel of examiners for UG and PG programmes Implementation.

The panels of examiners for practical and camp valuation purposes for both PG and UG were updated and the new panels were presented before the board. The panels were approved by the board.

Item 7: Any other matter raised by the chair

The Board entrusted the Department Council to approve the content of open-ended modules of courses, firms chosen for internships, list of MOOC courses, procedure for conduct of practical exams and the approval of project related academic matters. The decision of the Department Council is to be minuted and filed prior to implementation.

The Head of the Department, Dr. Mini Krishna K, thanked the Board members for their valuable suggestions and presence. She also proposed the vote of thanks and the meeting concluded at 03:00 pm.

Sd/-

Dr Mini Krishna K
Head of the Department/Board Chairperson

Sd/-

Dr Sr Beena Jose
Principal