

Minutes of the Meeting of the Board of Studies (Physics)

The meeting of the Board of Studies in Physics was held online on 20th January 2023 at 04.00 pm. Following was the agenda for the meeting.

Agenda

1. To welcome all the members of BoS
2. Finalization of the minutes of the last meeting held on 30th March 2022.
3. To review academic and other activities of the academic year (2022-23)
4. To review the changes in syllabus made post-autonomy
5. To discuss regarding the NEP-2020
6. Any other subject with the permission of the Chairman

The following members were present for the meeting.

- i. Principal Dr. N. P. Tendolkar (Chairman of the BoS)
- ii. Dr. Vidya Patil (VC Nominee: Member BoS)
- iii. Dr. Dineshchandra Kala (Invited Subject Expert)
- iv. Dr. M. R. Kale (Member of the BoS)
- v. Mr. U. B. Bhatye (Member of the BoS)
- vi. Mr. P. P. Jadhav (Member of the BoS)
- vii. Mr. A. C. Dhware (Member of the BoS)
- viii. Ms. Nilam Akhade (Member of the BoS)
- ix. Dr. S. H. Mujawar (Subject experts outside the Parent University: Member BoS)
- x. Dr. S. D. Sartale - (Subject experts outside the Parent University: Member BoS)
- xi. Mr. Sachin Bhandare (One representative from industry)
- xii. Dr. P. V. Naikwade (Member of the BoS)
- xiii. Ms Jagruti Mestry Alumna of the department

Minutes of the meeting

Principal Dr. N. P. Tendolkar, Chairman of the BoS, heartily welcomed all the external members present for the meeting and expressed heartfelt gratitude. He mentioned that this is the first meeting of the BoS of this department where few of the external members have been replaced with new members. Although clear guidelines for implementation of NEP are not yet available, the purpose of this meeting to make all members of this committee aware about NEP. He then called upon Dr. Meera Kale to take a thorough overview of the agenda and commence the session of the meeting.

Agenda 1: Finalization of the minutes of the last meeting.

Dr. Meera Kale mentioned that the minutes of the meeting held on 30th March 2022, were, already, emailed to all BoS members. Further, she asked; if anyone wants to say something about those minutes. As no one said anything about the minutes, she appealed to the members to pass the same.

Resolutions:

- i) **It was resolved unanimously that the minutes of the last meeting held on 30th March 2022, be finalized.**

Proposed by: Dr. Meera R. Kale

Seconded by Mr. Prashant Jadhav

Agenda 2: To review academic and other activities of the academic year (2022-23)

Dr. Meera Kale briefed the members of the committee about the college and informed the meeting about all the activities carried out by the department in the academic year 2022-23.

- ii) **The members of the BoS unanimously resolved to congratulate the Department of Physics, ASP College for successfully conducting academic activities.**

Proposed by: Dr. Vidya Patil

Seconded by Dr. S. H. Mujawar

Agenda 3: To review the changes in the curriculum made post-autonomy.

Mr. Uday Bhatye took a review of the restructuring of the physics curriculum made by the department post autonomy. He mentioned following points:- As the college got the autonomous status in 2019-20, a reframing of core FY and SY physics syllabi was made. Following points were taken into consideration with due consultation with the members of the BoS at that time.

1. Some very basic mathematical concepts were included in sem I as revision viz. Graphs of functions, derivatives and integration techniques.
2. Other mathematical concepts were rearranged as per chronology of their application in the curriculum.
3. Rather than keeping an entire topic as one a paper in a particular semester, it was spread over two or more semesters to make it easier to assimilate by the students.
4. Practicals were also rearranged according to the theory.

Apart from this, a skill based progressive course viz. Python Programming is also designed and implemented for sem III through sem VI. This course has four modules of 3 credits each, expected to be learnt during sem III to sem IV progressively. This is being implemented from the present year. This year, Sem III as well as Sem V students followed module 1 of this course. Presently module 2 is being taught.

This skill course will enable the present SYBSc students to gain extra 12 credits at the end of their BSc degree.

- iii) **The members of the BoS unanimously resolved to congratulate the Department of Physics, ASP College for successful implementation of autonomy**

Proposed by: Dr. D.C. Kala

Seconded by Dr. S. D. Sartale

Agenda-4: To discuss regarding the NEP-2020

Prin. Dr. Narendra Tendolkar initiated the discussion on NEP by outlining the framework of the NEP that is to be implemented soon. He also mentioned that no clear guidelines for implementation are available yet and a committee to finalize the same is made by the government. Still members of the BoS can share their views regarding NEP.

Dr. Kala informed the meeting regarding the changes in curriculum and evaluation adopted at Khalsa College and regarding skill courses introduced. Dr. Vidya Patil shared information regarding innovative practices followed in Ruparel College for internal evaluation. Dr. Mujawar also shared his views on the same. Prof. Sartale pointed out the importance of including viva-voce examination in internal evaluation. Mr. Sachin Bhandare mentioned that the interdisciplinary nature of skills imparted would surely help the students to perform better in the professional world.

Prin. Dr. Tendolkar said that implementation of NEP is a continuous process and appealed all the members to go through the NEP documents. He also mentioned that all the drafts of syllabi and plans will be communicated to the members in due course and they are expected to give their valuable inputs.

Mr. P. P. Jadhav expressed a vote of thanks on behalf of the college regarding the Contribution of all the members of the BoS for their valuable suggestions.

The meeting summed up at 5.10 p.m.