

Bajaj College of Science, Wardha (Autonomous)

Department of Physics

Minutes of BOS Meeting (19th April 2023)

The second meeting of BOS in Physics, for the session 2022-23, was held on 19th April 2023:

Agenda of the meeting

- 1) Confirmation of minutes of last meeting (24/09/2022).
- 2) Discussion and suggestive changes for implementation of NEP-2020 from 2023-24 session.
- 3) Syllabus design as per NEP 2020 for Sem I and Sem-II starting from session 2023-24.
- 4) Scheme of examination for Sem-I and Sem-II (2023-24)
- 5) Approval to the panel of paper setters, moderators and valuers
- 6) Any other point with the permission of the chair.

The meeting was conducted in blended mode offline/online on Google Meet platform.

Following members attended the meeting:

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|------------------------------|---|--|
| 1) Dr. S.H. Bagade | (Chairman, BOS) | <i>Mangruti</i>
<i>19/4/2023</i> |
| 2) Dr. (Mrs) Smita Acharya | (Meritorious Alumni) | <i>19/4/23</i> Attended |
| 3) Dr. B.R. Sankapal | (Subject expert from outside parent University) | Online |
| 4) Dr. Jyoti Singh | (Subject expert from outside parent University) | Online |
| 5) Dr. S.W. Anwane | (University Expert) | Online |
| 6) Shri. Ravikumar Kandasamy | (Representative from Industry/Corporate sector) | — |
| 7) Dr. G.V. Lakhotiya | (Member) | — |
| 8) Dr. S.R. Tiple | (Member) | <i>S.R. Tiple</i>
<i>19/04/2023</i> |
| 9) Dr. M.M. Yerpude | (Member) | <i>Yerpude</i> |

- 1) Minutes of the last BOS meeting were read by Chairman, Dr. S H Bagade. All the members of BOS gave their consent to the minutes and the decisions taken in the last BOS meeting (24th September 2022).
- 2) Dr. M.M. Yerpude displayed and discussed the credit system for the undergraduate syllabus under the National Education Policy (NEP-2020). The suggestions given by the BOS members regarding the credit system were incorporated successfully.

Mangruti
19/04/2023
Head / Incharge
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- 3) Dr S R Tiple discussed the structure of Sem-I syllabus under NEP, that will come into force from the session 2023-24. He also presented the Generic Elective and Skill Enhancement Course on Astronomy.
- 4) Dr G V Lakhotiya discussed the structure of Sem-II syllabus under NEP, that will come into force from the session 2023-24.
- 5) Dr. G V Lakhotiya proposed and discussed the syllabus of Physics Minor course "MAGNETISM & ELECTROMAGNETIC INDUCTION". The course will be taken by Sem-II students not having Physics as Major subject and will be implemented from session 2023-24.
- 6) Dr. Jyoti Singh suggested that students should go for internships and suggested some reference books for the courses.
- 7) Prof Smita Acharya and Prof S W Anwane suggested for inclusion of virtual approach for laboratory and real-world applications and reasoning and logic based syllabus for effective teaching.
- 8) Prof. Smita Acharya and Prof. B R Sankapal suggested that the students should be given laboratory activities based on the syllabus to enhance their understanding of the topic and learning skills. They emphasized on simulation experiments using Matlab, Mathematica and other freely available computer software.
- 9) Prof. Smita Acharya gave detailed information regarding the National Education Policy *(NEP). Important Highlights about her talk were:
 - a) NEP has been made mandatory for all the educational institutions from the year 2020.
 - b) Choice Based Credit System (CBCS) is the first step towards implementation of NEP. The whole syllabus should be CBCS for Autonomous colleges.
 - c) Multidisciplinary courses should be part of the syllabus.
 - d) Internship and apprenticeship should be part of the curriculum.
- 10) The panel of internal and external examiners was presented by Chairman Dr. S H Bagade. It was finalized by all the members.
- 11) The meeting ended with a formal vote of thanks by Chairman Dr. Sanjay H Bagade.


19/4/2023

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Manoj K. Patil
18/10/2023
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