

Bajaj College of Science, Wardha (Autonomous)

Department of Physics

Minutes of BOS Meeting (24th September 2022)

The first meeting of BOS in Physics, for the session 2022-23, was held on 24th September 2022:

Agenda of the meeting

1. Approval to the minutes of last meeting (13/04/2022).
2. Discussion on UG syllabus for Sem-V and Sem-VI, and modifications if any.
3. Approval to the panel of paper setters, moderators and valuers.
4. Discussion on National Education Policy (NEP)
5. Discussion on certificate course "Nanosense"
6. Any other point with the permission of the chair.

The meeting was conducted online on Google Meet platform. Following members attended the meeting online:

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|------------------------------|---|-------------------------------------|
| 1) Dr. S.H. Bagade | (Chairman, BOS) | <i>Manjyoti</i>
<i>24/9/2022</i> |
| 2) Dr. (Mrs) Smita Acharya | (Meritorious Alumni) | <i>Present online</i> |
| 3) Dr. B.R. Sankapal | (Subject expert from outside parent University) | <i>Present online</i> |
| 4) Dr. Jyoti Singh | (Subject expert from outside parent University) | |
| 5) Dr. S.W. Anwane | (University Expert) | |
| 6) Shri. Ravikumar Kandasamy | (Representative from Industry/Corporate sector) | <i>Present online</i> |
| 7) Prof. R.G. Jadhao | (Member) | <i>R.G. Jadhao</i> |
| 8) Dr. G.V. Lakhotiya | (Member) | <i>G.V. Lakhotiya</i> |
| 9) Dr. S.R. Tiple | (Member) | <i>S.R. Tiple</i> |
| 10) Dr. M.M. Yerpude | (Member) | <i>M.M. Yerpude</i> |

- 1) All the members of BOS gave their consent to the minutes and the decisions taken in the last BOS meeting (13th April 2022). Minutes of last BOS meeting were read by Chairman, BOS.
- 2) Dr. M.M. Yerpude discussed the syllabus of B.Sc Sem-V and Sem-VI which will come into force from the session 2023-24. The suggestions given by the BOS members regarding the syllabus were incorporated successfully.
- 3) Prof Smita Acharya, Prof B. R.Sankapal and Shri Ravikumar Kandasamy gave some valuable suggestions regarding inclusion and exclusion of topics from the syllabus. Following were the changes made

Manjyoti
24/9/22
Head / Incharge
Department Of Physics
Bajaj College Of Science, Wardha

Semester V

- a) Prof B. R.Sankapal suggested for inclusion of topic "Doppler Effect" in unit Relativity and " Surface to volume ratio and Free energy of formation" in the unit of Nanomaterials and Nanotechnology.
- b) Prof Smita Acharya suggested for inclusion of "Kinetics of reaction" in the unit of Nanomaterials and Nanotechnology.
- c) Prof Smita Acharya, and Shri Ravikumar Kandasamy suggested changes in the unit of Statistical Physics.

Semester VI

- a) Prof B. R.Sankapal suggested for inclusion of topic "Si-energy band formation " as a case study in the unit of Free electron theory.
- b) Shri Ravikumar Kandasamy suggested for deletion of topic "Communication System" from syllabus.
- 4) Prof. Smita Acharya and Shri Ravikumar Kandasamy 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 softwares.
- 5) Dr.G.V.Lakhotiya presented the syllabus and the mode of functioning of "Nanosense" the certificate course in Nanoscience and Nanotechnology.
- 6) Prof. Smita Acharya gave a 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) Task force should be set up and Digi lockers opened.
 - d) Academic Bank of Credit (ABC) should be set up. 60% course to be conducted in offline mode and remaining 40 % can be completed by the student from various recognized educational portals.
 - e) Multidisciplinary courses should be part of syllabus.
 - f) Internship and apprenticeship should be a part of curriculum.
- 7) The panel of internal and external examiners was presented by Prof. R.G. Jadhao and Dr. S.R.Tiple. It was finalized by all the members.
- 8) The meeting ended with a formal vote of thanks by Chairman Dr. Sanjay H Bagade.

Manjyoti

24/9/2022

Head / Incharge
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The screenshot shows a Google Meet session with the following elements:

- Participant Grid:**
 - Top row: A woman (partially visible), Sanjay Bagade, and a man with glasses (partially visible).
 - Middle row: A man with glasses (partially visible), a man in a white shirt (partially visible), and a man with glasses (partially visible).
 - Bottom row: OTYA, a man in a white shirt (partially visible), and You.
- Central Panel:**
 - Profile picture of Dr. Sudhair Tiple.
 - Text: "Dr. Sudhair Tiple" and "Turn off microphones (ctrl + o)".
- Control Bar (Bottom):**
 - Buttons for: Mute, Video, Chat, Share, Stop Video, End Meeting, and a phone icon.
 - Text: "BOS Meeting of session 2022-23".

Yamrajji
 Head, Change
 Department of Physics
 Bajaj College of Engineering, Wardha

PHYSICS BOS Meeting Date: 24/09/2022