

Shiksha Mandal's
Bajaj College of Science, Wardha (Autonomous)
Department of Physics
Minutes of BoS Meeting (29th August 2024)

The first meeting of BoS in Physics, for the session 2024-25, was held on 29th August 2024

Agenda of the meeting

1. Syllabus structure of B.Sc. Sem V and VI
2. Syllabus structure of major B.Sc. Sem III and IV (Revisions if any)
3. Amendment in credit structure of elective paper of B.Sc. Sem V and VI
4. Field project / community services of B.Sc. Sem IV and V
5. Internship related to DSC of B.Sc. Sem VI
6. Evaluation scheme of projects of Sem-IV and OJT of Sem-VI.
7. Panel of examiner and paper setter
8. Any other point

The meeting was conducted in blended mode offline/online on Google Meet platform. Following members attended the meeting:

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|-----------------------------|---|-------------------------------------|
| 1) Dr. Sanjay H Bagade | (Chairman, BOS) | <i>Manjyoti</i>
<i>29/8/2024</i> |
| 2) Prof. Rupesh s Gedam | (Subject expert from outside parent University) | Attended online |
| 3) Prof. Sandeep A Waghuley | (Subject expert from outside parent University) | Attended online |
| 4) Prof. Umesh Palikundwar | (University Expert) | Attended online |
| 5) Dr. Ashish Nimbekar | (Meritorious Alumni) | Attended online |
| 6) Dr. U D Gulhane | (Representative from Industry/Corporate sector) | — online — |
| 7) Dr. G.V. Lakhotiya | (Member) | <i>29/8/24</i> |
| 8) Dr. S.R. Tiple | (Member) | <i>Sandeep</i>
<i>29/8/24</i> |
| 9) Dr. M.M. Yerpude | (Member) | <i>Manjyoti</i>
<i>29/8/24</i> |

1. The meeting started with the welcome of the external members by the BoS Chairman, Dr. S.H Bagade.
2. Dr. S H Bagade read out the minutes of the previous BoS meeting held on 28 March 2024. The decisions of the meeting were approved by all the members.

Manjyoti
29/08/24

Head / Incharge
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Department of Physics

3. The syllabus for Semester-V and Semester-VI for Undergraduate courses was proposed in the meeting along with Generic Elective (GE) and Vocational Skill Course.

4. Sem-V and Sem-VI Syllabus

- I. Dr. S H Bagade introduced and discussed the credit structure for the syllabus of Sem-V and Sem-VI with the members of BoS meeting. It was decided that the DSE courses will have Four credits and only theory in syllabus.
- II. The syllabus for Sem-V was discussed by Dr. S R Tiple, and the syllabus consists of:
 - a) (DSC V) Modern Physics
 - b) (DSC VI) Solid State Physics
 - c) (DSE-I): Astronomy and Indian Space Mission
 - d) (DSE-II): Non-conventional Sources of Energy
- III. The syllabus for Sem-VI was discussed by Dr. G V Lakhotiya, and the syllabus consists of:
 - a) (DSC VII) Nuclear Physics, LASER, Optical Fibre & Bioinstrumentation
 - b) (DSC VIII) Digital and Solid State Electronics
 - c) (DSE-III): Nanoscience and Nanotechnology
 - d) (DSE-IV): Medical Physics

Prof. S A Waghuley gave some suggestions regarding inclusion and deletion of topics in the syllabus. He also suggested for inclusion of some experimental techniques and instruments related to Physics, which will be incorporated practically.

Prof. R S Gedam suggested few experiments that can be included in the syllabus of Sem-VI. Both Prof. R S Gedam and Dr. Ashish Nimbekar had a fruitful discussion on the Discipline Specific Elective courses. Dr. Ashish Nimbekar suggested few experiments for Nuclear Physics and LASER for Undergraduate students, which were included in the syllabus

5. Vocational Skill Course (VSC)

- I. Dr G V Lakhotiya presented the Vocational Skill Course (VSC) titled "Sophisticated Instrumentation Handling: XRD, UV-Vis Spectroscopy, and FTIR", which will be taught to the Sem-VI students.
- II. Dr. M M Yerpude presented and discussed the Vocational Skill Course titled "Digital Physics Lab", which will be taught to the Sem-V students.

Prof. S A Waghuley and Prof. R S Gedam gave suggestions that the students should be taught the basics theory of the Vocational Skill Enhancement Course, before they actually are ready for performing the experiments.

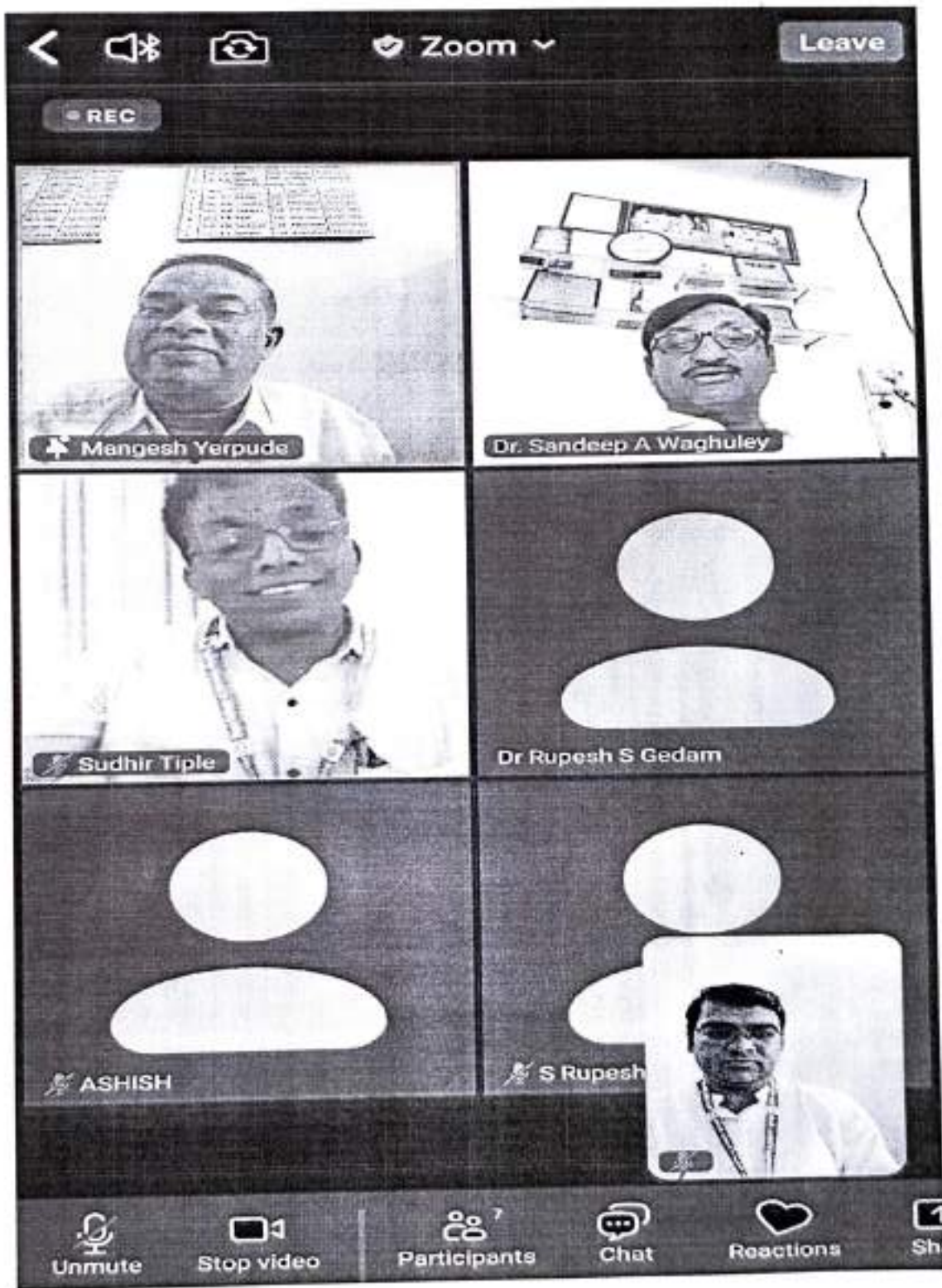
6. Generic Elective courses "Earth and Atmospheric Sciences" for Sem-II and "Renewable Energy Resources" for UG Students was presented by Dr. M M Yerpude

M. Yerpude
29/8/2024
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- . These courses were approved and accepted by all the BoS members with necessary modifications.
7. Course codes for the different papers in the UG and PG syllabus, SEC, VSE, GE courses were discussed and approved in the meeting.
 8. The panel of internal and external examiners was presented by Chairman Dr. S H Bagade. It was finalized by all the members.
 9. It was agreed upon by all the BoS members, that, any changes in the credit system, course and syllabus structure can be made by BoS Chairman in consultation with the BoS members, as and when required, as per the directives of Affiliated RTM Nagpur University, Nagpur and the Government Resolutions of Maharashtra Government.
 10. The meeting ended with a formal vote of thanks by Chairman Dr. Sanjay H Bagade.


29/8/2024
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