

शाखेचे नांव विवेकानंद कॉलेज, कोल्हापूर (अधिकार प्रदत्त स्वायत्त) प्रोसिडिंग

१. सभेचा प्रकार अभ्यास मंडळ ३. सभेची तारीख १२/०६/२४ ५. सभेचे ठिकाण फिजिक्स विभाग
२. सभेचा क्रमांक १३ ४. सभेची वेळ ११:०० वाजे
६. सभेस कोण सन्माननीय गृहस्थ अगर अधिकारी हजर असल्यास त्यांची (हुद्दासह) नावे
७. सभेचे अध्यक्ष - मान्यवर

| विषय नं. | ठराव नं. | सभेपुढे विचाराकरिता आलेले विषय आणि ठराव |
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Shri Swami Vivekanand Shikshan Sanstha's
Vivekanand College, Kolhapur (Empowered Autonomous)
Department of Physics

Notice of BoS Meeting
(Held on 12th June 2024)

Date: 08/06/2024

All member of Board of Studies in Physics, Vivekanand College Kolhapur, (Empowered Autonomous), are hereby informed that the **online/offline** meeting is organized on **Wednesday, 12th June, 2024 at 11:00 am** in the department of Physics. Please make it convenient to be present for the meeting.

The link for meeting: <https://meet.google.com/kgs-iwvc-xsd>

The agenda of the meeting is as follows.

- 1) To confirm of the minutes of the last meeting.
- 2) To finalize the syllabus of B.Sc. Part II as per NEP 1.0 guidelines, that is to be implemented from academic year 2024-25.
- 3) To draft and finalize the syllabus of B.Sc. Part I as per NEP 2.0 guidelines, that is to be implemented from academic year 2024-25.
- 4) To finalize the syllabus of M.Sc.-II to be implemented from the academic year 2024-25.
- 5) To draft the syllabus of Open Elective subjects for B.Sc. I, M.Sc. I and M.Sc. II.
- 6) Any other matter with permission of the Chairperson.

S. S. Latthe

Dr. S.S. Latthe

(BoS Chairman and HOD)

CHAIRMAN
BoS PHYSICS
VIVEKANAND COLLEGE, KOLHAPUR
(EMPOWERED AUTONOMOUS)

८. सभेस हजर असलेल्या सभासदांची नावे -

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|--------------------|---------------------|---------------------|---------------------|--------------------|-------------------------|---------------------|----------------------|--------------------|
| 1. Dr. S.G. Lathke | 2. Dr. G.J. Navathe | 3. Dr. S.J. Inamdar | 4. Dr. G.S. Kumbhar | 5. Mr. A.V. Shinde | 6. Dr. N.A. Narewadikar | 7. Mr. A.R. Gaikwad | 8. Mr. U.S. Bedhgire | 9. Dr. K.Y. Rajput |
|--------------------|---------------------|---------------------|---------------------|--------------------|-------------------------|---------------------|----------------------|--------------------|

| विषय नं. | ठराव नं. | सभेपुढे विचाराकरिता आलेले विषय आणि ठराव | गोरे व तारखेसह ठरावांची अंमलबजावणी |
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Minutes of Meeting of Board of Studies

(held on 12th June 2024)

The BoS meeting in Physics for the academic year 2024-25 was held on Tuesday, dated 12/06/2024 at 10.45 am in Department of Physics through online/offline mode.

Item No. 1 : Confirmation of the minutes of the previous meeting.

Resolution : The decision taken in the previous meeting were confirmed by all the BoS members.

Item No 2 : Discussion of syllabus of B.Sc. II as per NEP 2020 guidelines, that is to be implemented from academic year 2024-25

Resolution : Regarding above issue, the contents from the syllabus of B.Sc. II as per NEP 2020 has changed with following corrections;

- Addition of the concept of 'deviation by a single lens' in Unit 1: Cardinal Points of the DCS-VIII paper entitled 'Optics'.
- Change the titles of some practicals of MIN Lab-III.
- Combine the two chapters under Unit 2: Basic Concepts of Thermodynamics in the MIN-VII paper entitled 'Mathematical and Thermal Physics'.
- Shuffle the sequence of units 1 and 2 in the MIN-VIII paper entitled 'Environmental Physics'.
- Suggested changes in practical of MIN Lab IV: Replace the S.T. of liquid by capillary method by Fergusson method.

Item No. 3 : Discussion of the syllabus of B.Sc.-I as per NEP 2020 guidelines that is to be implemented from academic year 2024-25.

Resolution : Regarding above issue, the syllabus of B.Sc.-I as per NEP 2020 has been accepted with following corrections suggested by BoS members;

- i) Addition of the concept of 'Polar and Non-Polar' in Unit 2: Dielectrics of DSC-II paper entitled 'Electricity & Magnetism-I'.
- ii) Change the titles of some practicals of OEC-I: 'Physics in Home Appliances - I'.
- iii) Add basic concepts such as 'Stress, Strain, Young's Modulus, and Modulus of Rigidity,' and replace 'q' with ' τ ' in Unit 1: Elasticity of the DSC-II paper entitled 'Properties of Matter'.
- iv) Revise the practicals in DSC-II of GROUP-I (Expt. no.7 and 8).
- v) Suggested to add Norton's theorem Practical in DSC-II of Group- II.
- vi) Suggested to add experiments like motor working on D.C. supply using Solar Cell in OEC-II of Group- II.

Item No. 4 : Discussion of the syllabus of M.Sc.-II as per NEP 2020 guidelines that is to be implemented from academic year 2024-25.

Resolution : Regarding the above issue, the syllabus of M.Sc.-II as per NEP 2020 has been accepted with following corrections suggested by BoS members

- i) Revise the syllabus of Statistical mechanics and Electrodynamics (Reduce the content)

Item No.5: Any other matter with the permission of chairman.

Resolution : Dr. S.P. Thorat from other discipline (Department of Mathematics, vivekanand college, Kolhapur) and one alumni member Mr. Avinash S. Shelar (M.Sc. 2022-23) were added as new BoS members in the Physics. Further, as there is no any other matter for the discussion, the meeting was concluded by the vote of thanks given by Mr. A. R. Gaikwad.

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Chairman and Head of the Department

CHAIRMAN
BoS PHYSICS
VIVEKANAND COLLEGE, KOLHAPUR
(EMPOWERED AUTONOMOUS)

Resolution : Regarding above issue, the syllabus of B.Sc.-I as per NEP 2020 has been accepted with following corrections suggested by BoS members;

- i) Addition of the concept of 'Polar and Non-Polar' in Unit 2: Dielectrics of DSC-II paper entitled 'Electricity & Magnetism-I'.
- ii) Change the titles of some practicals of OEC-I: 'Physics in Home Appliances – I'.
- iii) Add basic concepts such as 'Stress, Strain, Young's Modulus, and Modulus of Rigidity,' and replace 'q' with 'τ' in Unit 1: Elasticity of the DSC-II paper entitled 'Properties of Matter'.
- iv) Revise the practicals in DSC-II of GROUP-I (Expt. no.7 and 8).
- v) Suggested to add Norton's theorem Practical in DSC-II of Group- II.
- vi) Suggested to add experiments like motor working on D.C. supply using Solar Cell in OEC-II of Group- II.

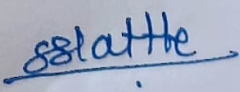
Item No. 4 : Discussion of the syllabus of M.Sc.-II as per NEP 2020 guidelines that is to be implemented from academic year 2024-25.

Resolution : Regarding the above issue, the syllabus of M.Sc.-II as per NEP 2020 has been accepted with following corrections suggested by BoS members

- i) Revise the syllabus of Statistical mechanics and Electrodynamics (Reduce the content)

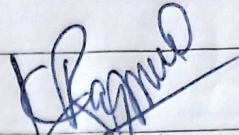
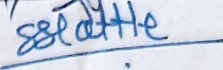
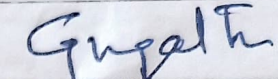
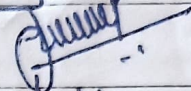
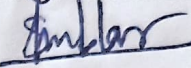
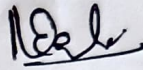
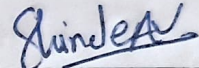
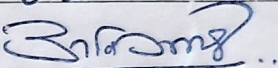
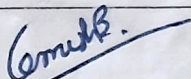
Item No.5: Any other matter with the permission of chairman.

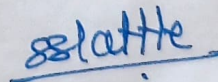
Resolution : Dr. S.P. Thorat from other discipline (Department of Mathematics, vivekanand college, Kolhapur) and one alumni member Mr. Avinash S. Shelar (M.Sc. 2022-23) were added as new BoS members in the Physics. Further, as there is no any other matter for the discussion, the meeting was concluded by the vote of thanks given by Mr. A. R. Gaikwad.


Chairman and Head of the Department
CHAIRMAN
BoS PHYSICS
VIVEKANAND COLLEGE, KOLHAPUR
(EMPOWERED AUTONOMOUS)

Attendance of BoS Committee Members

Date: 12/6/2024

| Sr. No. | Name of BoS Member | Present in Online /Offline Mode | Signature |
|---------|-----------------------|------------------------------------|---|
| 1. | Dr. K. Y. Rajpure | Offline |  |
| 2. | Dr. S. S. Latthe | Offline |  |
| 3. | Dr. G. J. Navathe | Offline |  |
| 4. | Dr. S. I. Inamdar | Offline |  |
| 5. | Dr. S. S. Kumbhar | Offline |  |
| 6. | Dr. N. A. Narewadikar | Offline |  |
| 7. | Mr. A. V. Shinde | Offline |  |
| 8. | Mr. A. R. Gaikwad | Offline |  |
| 9. | Mr. U. S. Bodhgire | Offline |  |
| 10. | Dr. R. C. Kamble | Online | - |
| 11. | Dr. D. N. Bobade | Online | - |
| 12. | Dr. D. N. Patil | Online | - |
| 13. | Mr. Chinmay Kulkarni | Online | - |



Chairman and Head of the Department

CHAIRMAN
BoS PHYSICS

VIVEKANAND COLLEGE, KOLHAPUR
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