

## **Minutes of the Meeting of the Board of Studies**

### **(Physics)**

The meeting of the Board of Studies (Physics) was held Online on 30<sup>th</sup> March, 2022 at 04.00 p.m. The meeting followed with the following concerns on the agenda.

#### Agenda

1. To welcome all the members of BoS
2. Finalization of the minutes of the last meeting held on May 31, 2021
3. To review academic and other activities of the academic year (2021-22)
4. To review and discuss the feedback received for F. Y. B. Sc. syllabus
5. To introduce value added as well as skill courses
6. Academic planning for the upcoming year 2022-23
7. 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. Principal Dr. Sandesh Gurav (VC Nominee: Member BoS)
- iii. Dr. Pushpinder Bhatia (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. Dr. V. L. Mathe (Subject experts outside the Parent University: Member BoS)
- ix. Mr. Sachin Bhandare (One representative from industry)
- x. Dr. M. M. Karanjkar (Subject experts outside the Parent University: Member BoS)

Principal Dr. N. P. Tendolkar, Chairman of the BoS, heartily welcomed all the external members present for the meeting and expressed heartfelt gratitude. He called upon Dr. Meera Kale to take a thorough overview of the agenda and commence the meeting.

#### **Agenda 1 Finalization of the minutes of the last meeting held on May 31, 2021**

Dr. Meera Kale suggested that the minutes of the meeting held on May 31, 2021 were already emailed to all BoS members. Further, she asked if anyone wants to say something about those minutes and appealed members to pass the same. Dr. Pushpinder Bhatia seconded the proposal.

#### **Resolution**

- i) **It was resolved unanimously that the minutes of the last meeting held on May 31, 2021 be finalized.**

**Proposed by: Dr. Meera R. Kale Seconded by: Dr. Pushpinder Bhatia**

#### **Agenda 2 To review academic and other activities of the academic year (2021-22)**

Dr. Meera Kale informed meeting that, and review all the activities in academic year 2020-21. Prin. Dr. Narendra Tendolkar and Dr. Meera Kale recognized as Ph.D guide, LIC visited for PhD center and 12 seats are sanctioned. In Avishkar 06 students participated with 03 projects . 04 UG students and 02 faculty members completed course on E-Waste management and issues conducted through SWAYAM and 08 PG students enrolled & doing the course on Quantum Mechanics through SWAYAM. Science day celebration by organizing demonstrating experiment for nearby schools students

#### **Departmental activities**

Organizing webinar on “Journey towards nuclear energy’ about 28 participant attended.

Webinar on “ Nanomaterial’s for health care energy and environment” benefited to 95 participant.

Webinar on “ Strategy to crack competitive exam in physical sciences” for UG students benefited to 41 participant.

Webinar on “ Strategy to crack competitive exam in physical sciences” for PG students benefited to 33 participant.

### **Resolution**

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

**Proposed by: Mr. U.B. Bhatye Seconded by: Dr. Sandesh Gurav**

### **Agenda 3: To review and discuss the feedback received for F. Y. B. Sc. syllabus**

Dr.M.R. Kale propose that there is no change in current syllabus students are satisfied with this syllabus feedback is taken from them. Dr Pushpinder Bhatia suggested introducing project to Semester VI.

### **Agenda 4 Implementation of skill / Value added courses**

All the Skill Courses has 03 credits Python programming-I for Semester III and Semester V  
Python programming-II for Semester IV and Semester VI

It is approved in academic year 2022-23. Python III and numerical method using python approved in next academic year 2023-24, these courses are progressive in nature

Students have another option too “Vedic Mathematics” for semester III and “E-waste management issues and challenges” for semester IV and “Renewable energy and energy harvesting” for semester V and “Astronomy” for semester VI

Prin. Dr. Sandesh Gurav suggested that give maximum practical knowledge that theory. Prin. Dr. Narendra Tendolkar explain details Python I & II are base of program in that case we have to give more theory knowledge that practical but we have huge scope in Python III and numerical methods using python to do more practical and projects .

### **Resolution**

**It is unanimously resolved that the value added course - Introduction to Programming with Python designed by department is accepted.**

**Proposed by: Dr.M.R Kale**

**Seconded by: Dr. Sandesh Gurav**

### **Agenda-5: Academic planning for the upcoming year 2022-23**

- Planning for 2022-23
- Implementation of skill course
- Educational and Industrial visits
- Science popularization program for nearby schools and Jr. Colleges
- Each faculty to develop at least 70% e-content for each course
- Functioning of Ph.D. Centre
- Organizing Seminar, Webinar, and Conferences

**Resolution:**

**It is unanimously resolved that the academic planning for the upcoming year 2022-23 be approved.**

**Proposed by: Dr. Pri. Dr.N.P. Tendolkar**

**Seconded by: M. R Kale**

**Agenda-6: Any other subject with the permission of the Chairman**

Renewable energy for wind & Solar has a huge scope for employability generation. Mr. Sachin Bhandare congratulates on starting the python course. It is very useful in atmospheric physics and data analysis. E-Waste management issues and challenges have a huge scope of fieldwork, run the E-Waste drive near colleges Dr. M. R Kale takes care of this course. Mr. P.P Jadhav proposes that the Astronomy Course syllabus is taken from Mumbai university and the trainer for this syllabus is Padmanabh Sarpodar sir and P.P Jadhav sir. Some discussion on NEP for how these skill courses will be introduced.

Mr. P. P. Jadhav expressed a vote of thanks on behalf of the department as well as the college regarding the incredible contribution of all the members of the BoS for their valuable suggestions.

The meeting summed up at 5.20 p.m.