

Ramniranjan Jhunjhunwala College (Autonomous)

Ghatkopar, Mumbai 400086

Department of Physics

Minutes of BOS meeting

A meeting of members of BOS in Physics was held on Thursday, 25th August 2022 at 2.30 pm in blended mode (online on Zoom platform and in-person).

Members of the Board of Studies:

#	Category	Name of the Members
1.	Head of the Department (Chairperson)	Dr. Neeta B Srivastava
2.	All Faculty Members of the Physics Dept.	1. Dr. Devraj Pawar
		2. Dr. Kiran Kolwankar
		3. Mr. Sandip Hinge
		4. Dr. Vaishali Raikwar
		5. Mr. Ashish Yadav
		6. Mr. P Bhangale
		7. Mr. JagdishHande
		8. Ms. Rani Shaikh
		9. Mr. Rohit Chaudhary
		10. Ms. Kirti Om Prakash
3.	One Subject Expert from the parent University	Dr. Madhavi Thakurdesai Professor & Head Department of Physics, B. K. Birla College Kalyan
4.	Two Subject Experts from Outside the Parent University	1. Dr. Shriganesh Prabhu Tata Institute of Fundamental Research, Mumbai
		2. Dr. Umesh Shinde K J Somaiya Institute of Engineering & Information Technology, Sion, Mumbai
5.	One Expert Nominated by the Vice Chancellor from a Panel of Six Recommended by the College Principal	Dr. Vidya Hiren Patil Associate Professor, Dept. of Physics Ruparel College, Mumbai
6.	One Representative from Industry / Corporate Sector Allied Area Relating to the Placement	Dr. Vinay Hasabnis Chief Technology Officer, Energy & Resources, Pune
7.	One Postgraduate Illustrious Alumni Nominated by the Principal	Dr. Bharati Kakad Associate Professor, Indian Institute of Geomagnetism, Navi Mumbai

11 in house members and 2 members from outside attended the meeting offline, 2 members attended online and 2 members had given leave of absence.

Agenda:

- Minutes of last meeting (Held on 10th February 2022)
- Credit increase from 120 to 132
- Curriculum feedback -Action taken report
- Any other matter

Minutes of BOS meeting 25/08/2022

Following topics were discussed in the meeting:

1. Dr. Neeta Srivastava, Head Department of Physics, welcomed all members present in the meeting.
2. Dr. Neeta B Srivastava read the minutes of the last BOS meeting.
3. The curriculum feedback analysis and the action taken report were mentioned.
4. Modification in M Sc Part II Electives syllabus were mentioned.
5. The second point of agenda was credit increase from 120 to 132.
6. The members were told that 2 credit course on soft skill enhancement "Computer Literacy" was introduced to the students in first year (batch from 2021-22). For second year students. Discipline Specific Electives (DSE) of 2 credits each in semester III and IV are designed by the faculties of the department. Hence after completion of SY BSc, the students will earn (2 + 4) credits in total.
7. For third year B Sc students, discussion took place to increase 6 credits per semester for which BOS members gave several suggestions.

In house BOS members suggested that syllabus should be re-designed such that all extra 6 credits are accommodated in the syllabus by doing extra work in the form of tutorials, along with partial increase in credits in project done by the students.

The following suggestions were given by the various BOS members

- (i) Dr. Madhavi Thakurdesai suggested some presentation component for the assessment.
- (ii) Mrs. Vidya Patil pointed out some discrepancy in Mains practical credit distribution and suggested increasing the credits assigned to the projects and allotting more time to the students for doing project.
- (iii) Dr. Umesh Shinde enquired about project-based learning. HOD explained that the TYBSc students are working on Raspberry-Pi, Computational and software-based projects.
- (iv) Dr. Madhavi Thakurdesai enquired about Value added course. BOS member Rani Shaikh explained about Phyphox app of mobile, which students can use to perform various physics experiments. Dr. Devraj Pawar explained about GNU plot software which can be used to plot various experimental data.

- (v) Mrs. Vidya Patil enquired about M.Sc electives. Dr Neeta Srivastava and Dr Kolwankar informed the members about the new electives Laser Physics and Geophysics offered to the students of M.Sc Part II. Dr Hasabnis too enquired about the elective papers in M.Sc. part II Dr Kolwankar informed that this year in SEM III (2022-23) one paper in "Introduction in Astronomy" is introduced and in SEM IV "Advance Course in Astronomy" will be introduced. Also another course in Geophysics in SEM IV will be introduced. Framing and designing of the syllabus will be done simultaneously. Mrs. Vidya Patil enquired about whether the preparation of the skeleton of the syllabus is done or not. Dr. Kiran Kolwankar replied in affirmation. Mrs. Vidya Patil suggested that skeleton is important as portion can be added or deleted accordingly. She again asked for framing of syllabus whether the opinion of students or teachers are taken. Dr. Kolwankar replied that opinion of students matter but the course is allotted completely on merit basis. Dr. Kolwankar also put emphasis on adding more and more electives for student's benefit and put efforts on to get good faculties to teach. Mrs. Vidya Patil again said that this can be challenging to frame the syllabus while teaching. Dr. Kolwankar informed her that it is done at various places.
- (vi) Keeping in mind all suggestions given by the Board of studies members it was decided to frame the TYBSc syllabus that includes increase of 6 credits and present it in the next BOS meeting.

Dr Neeta Srivastava assured all BOS members that due corrections and implementations of the topics discussed in the meeting will be incorporated. The meeting ended with the vote of thanks by Dr. Neeta Srivastava. She thanked all the members for actively participating and giving their valuable inputs and insights. She thanked her staff members and non-teaching staff. She also thanked the Principal and the Director of the institution. Meeting then ended.

Dr. Neeta B Srivastava

Dr. Neeta B Srivastava
Head, Department of Physics

HEAD OF PHYSICS DEPARTMENT

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