

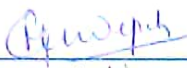


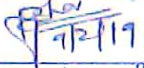
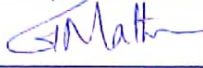
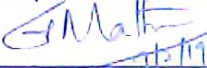

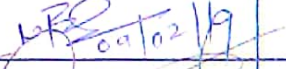



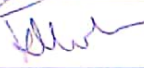

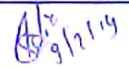
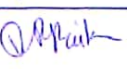
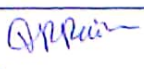



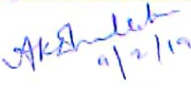

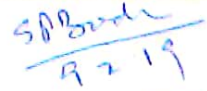


**RAMNIRANJAN JHUNJHUNWALA COLLEGE**  
GHATKOPAR (W) MUMBAI - 66

PHYSICS DEPT 11/02/2019

**DEGREE COLLEGE**

A meeting of members of the ADHOC BOARD OF STUDIES IN PHYSICS ( Degree college) will be held on Saturday 9th February 2019 at 2.00 pm in the Physics Department.

All teachers are requested to attend

Sr No.	Name	Notice received signature.	Meeting Attended signature with time.	Remark
1	Prof (Mrs) R Ghorpade			
2	Prof (Mrs) RatnaJadhav			
3	Prof (Mrs) GeetaMathur			
4	Prof (Miss) SunitaMaratt	Leave of absence.		
5	Prof (Mrs) N B Srivastava			
6	Prof DevrajPawar			
7	Prof. KiranKolwankar			
8	Prof. Sandeep Hinge			
9	Prof (Mrs) V. Raikwar			
10	Prof. Ashish Yadav			
11	Dr. Aditya Dharmadhikari (Tata Institute of Fundamental research) Mumbai			
12	Dr. Ajay Nandgaonkar (Tata Consultancy services, Pune)	Leave of absence.		
13	Dr. Shyamala Bodhane (H. O. D Physics Dept St Xavier's College Mumbai (Autonomous))			
14	Dr. Bharati Kakad (Indian Institute of geomagnetism, Navi Mumbai)	Leave of absence.		
15	Mr. Shirish Pathare (Homi Bhaba Centre for Science Education (TIFR) Mumbai)			

DTG/-

Minutes of the meeting P.T.O. →

**R. J. COLLEGE (AUTONOMOUS) GHATKOPAR, MUMBAI**  
(AFFILIATED TO UNIVERSITY OF MUMBAI)  
**DEPARTMENT OF PHYSICS**  
**BOS MEETING 9<sup>TH</sup> FEBRUARY 2019**

A meeting of members of Board of Studies in the subject of Physics was held on Saturday, 9<sup>th</sup> February at 2.30pm in the department. Two of the guest members Dr Ajay Nandgaonkar and Dr Bharati Kakad were out of country and Ms Sunita Maratt on medical leave, could not attend the meeting.

Following business was transacted:

A meeting of in-house members was held one day before and the review of syllabus in the autonomy was taken and discussed at length. These observations/suggestions were presented in the meeting for discussion.

It was decided unanimously that few changes can be made in F.Y.B.Sc. syllabus which will be implemented from the academic year 2019-2020.

Changes in S Y BSc and T Y B Sc syllabi can be made in subsequent years to maintain continuity in the B.Sc. course.

In all the syllabi, the rearrangement of units in different semester was proposed and accepted. The details of changes approved by the BOS members is attached herewith.

Dr Dharmadhikari (TIFR) suggested few additions in the optics paper. All the members accepted to incorporate the same.

Dr Shymala Bodhane (St. Xavier's college) gave lot of inputs to keep the length of the syllabus within the limits. She also suggested that only single reference book should be followed for all the units of the same paper.

This was agreed by all and decided to work on it.

It was observed by all of us that our practical syllabus does not cover enough number of experiments in Thermodynamics. Mr Shirish Pathare (HBCSE) promised to do the needful.

We had implemented project component in T.Y.B.Sc. practical course in sem V. It was observed that the response of the students was very positive, so decided to continue with it.

We had to make some changes in applied component (Electronic Instrumentation) syllabus, to make it compatible with the current syllabus. (Details mentioned in the separate sheet)

**Amendments for PG course:**

Last year we did not make any changes in the syllabus that was designed by the University of Mumbai, as the students admitted in PG course had studied Mumbai university syllabus.

This year it was decided to make few changes. There is not much change in the content except few additions and deletions. It was also decided to rearrange the units of semesters I, II, III and IV.

(Separate sheet showing details is attached.)



**Question paper pattern: It was decided to have amendment in QP pattern.**

**It was unanimously resolved that there should be three questions based on each unit for F.Y.B.Sc. and S.Y.B.Sc. Four questions based on four units in T.Y.B.Sc. However internal choice of questions will be left to the paper setters.**

The following Short Term Courses for skill enhancement and career planning were suggested:

1. Computational Physics
2. Advance problem solving
3. Making electronic circuits
4. Film making (Sound engineering, Editing, video making, etc)
5. Physics experiments using Exp-EYES

We aim to execute atleast two in next academic year (one per term).

Meeting ended with vote of thanks by Rekha Ghorpade, HOD and Chairperson BOS Physics.