



Anekant Education Society's

**Tuljaram Chaturchand College**  
**of Arts, Science, Commerce, Baramati**  
(Autonomous)

**DEPARTMENT OF PHYSICS**

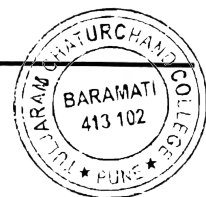
(Faculty of Science and Technology)

**Minutes of Board of Studies Meeting No.2**

**Date of Meeting: 17/09/2019**

**Venue: Department of Physics**

September, 2019



Anekant Education Society's

**Tuljaram Chaturchand College, Baramati**

Department of Physics

# NOTICE

Date: 13/09/2019


## Board of Studies Meeting

The meeting of all the members of Board of Studies in Physics is arranged on Tuesday, 17/09/2019 at 5.00 p.m. All the members are requested to attend and actively participate in the meeting.

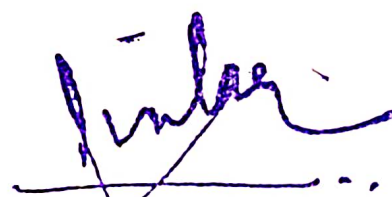
**The agenda for the meeting is as follows:**

1. To confirm the minutes of the previous meeting held on 03/04/2019.
2. To prepare and approve curriculum of F.Y.B.Sc., Semester-II (2019 pattern) to be implemented from the academic year 2019-2020.
3. To prepare and approve curriculum of M.Sc.-I Semester-II (2019 pattern) to be implemented from the academic year 2019-2020.
4. Discussion and finalization of activities for internal assessment of F.Y.B.Sc and M.Sc-I.
5. Discussion on implementation of certificate course.
6. To discuss and incorporate the relevant feedbacks of the stakeholders (students, teachers, parents, alumni and employers) in the curriculum.
7. Any other matter with the permission of chairman.

Therefore, I kindly request you all to attend the aforementioned meeting and invite you to provide your valuable inputs for the designing the curriculum in accordance with 2019 pattern.

  
Chairman  
BOS in Physics



  
Principal

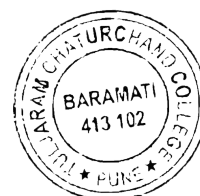
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Department of Physics

List of Members Presented for the BOS Meeting

The following internal and external BoS members were attended the Board of Studies (Physics) meeting held on 17/09/2019

Sr. No.	Name	Designation
1	Dr. Maruti Kokare	Chairman
2	Prof. Dr. Sanjay Dhole	Member, Expert from SPPU, Pune
3	Prof. Dr. Keshav Rajpure	Member, Expert from Shivaji University, Kolhapur
4	Prof. Dr. Vikas Patil	Member, Expert from Punyashlok Ahilyadevi Holkar Solapur University
5	Mr. Vinayal Kakade	Representative from Industry
6	Dr. Swapnil Rajoba	Meritorious Alumni
7	Dr. Pandurang Pingale	Member
8	Dr. Ashok Kalange	Member
9	Dr. Rajendra Kale	Member
10	Dr. Ramchandra Sapkal	Member
11	Dr. Sachin Kulkarni	Member
12	Mr. Sandip Kakade	Member
13	Dr. Vijay Mohite	Member
14	Mr. Balbhim Maharnavar	Member
15	Miss.Khwaza Salma Kasim	Student Representative
16	Mr.Chavan S.H.	Student Representative



## MINUTES OF THE MEETING

Meeting of Board of Studies in Physics was successfully held on Tuesday, 17/09/2019 at 05.00 pm in the Department of Physics, T. C. College, Baramati. The meeting took place in the offline/Online mode, adhering to the guidelines and protocols set by the college. Under the guidance of Dr. M. K. Kokare, Chairman of the Board of Studies in Physics, the meeting commenced with a warm welcome to all the esteemed members, followed by a brief introduction of the meeting's objectives.

During the meeting, fruitful discussions were held on the items mentioned in the circulated agenda. We are pleased to inform you that the following resolutions were made during the BOS meeting.

### **1.To confirm the minutes of the previous meeting held on 03/04/2019.**

Dr.M.K.Kokare read the minutes of the BoS meeting held on 03/04/2019 and put forward to the BoS members for the approval.

**Resolution No. 1:** The minutes of the previous Board of Studies meeting were approved and confirmed.

### **2.To prepare and approve curriculum of F.Y.B.Sc, Semester-II (2019 pattern) to be implemented from the academic year 2019-2020.**

The Board of Studies (BoS) members meticulously designed and crafted the curriculum for Semester-II of the F.Y.B.Sc. Physics program well in advance of the BoS meeting. This preliminary draft was then shared with all BoS members for their input and suggestions to enhance its quality. During the meeting, Dr.Ashok Kalange presented the curriculum of F.Y.B.Sc. Physics course and the recommendations and valuable insights provided by the BoS members were thoughtfully incorporated into the curriculum

In light of the constructive suggestions offered by the BoS members, the curriculum structure underwent necessary corrections. After thorough deliberation and careful consideration, the curriculum of following courses was presented for approval during the BoS meeting.



Class	Pattern	Sem	Course Code	Course Title	Course Type	No. of Credits
FYBSc	2019	II	PHY1201	Heat & Thermodynamics	Theory	2
FYBSc	2019	II	PHY1202	Waves and Optics	Theory	2
FYBSc	2019	II	PHY1203	Practical-II	Practical	2

**Resolution No. 2:** The curriculum for F.Y.B.Sc, Semester-II (2019 pattern) has been unanimously approved by all members of the BOS.

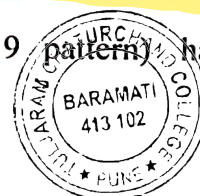
**3.To prepare and approve curriculum of M.Sc.-I, Semester-II (2019 pattern) to be implemented from the academic year 2019-2020**

The Board of Studies (BoS) members meticulously designed and crafted the curriculum for M.Sc-I Semester-II (2019 pattern) program well in advance of the BoS meeting. This preliminary draft was then shared with all BoS members for their input and suggestions to enhance its quality. During the meeting, Dr.Rajendra Kale presented the curriculum on a course and the recommendations and valuable insights provided by the BoS members were thoughtfully incorporated into the curriculum. During the discussion, some minor changes were suggested by the board members. The board thoroughly discussed and finalized the syllabus for the courses of M.Sc-I, Semester-II.

In light of the constructive suggestions offered by the BoS members, the curriculum structure underwent necessary revisions. After thorough deliberation and careful consideration, the curriculum of following courses was presented for approval during the BoS meeting.

Class	Pattern	Sem	Course Code	Course Title	Course Type	No. of Credits
MSc – I	2019	II	PHY4201	Physics of Semiconductor Devices	Theory	4
MSc – I	2019	II	PHY4202	Atoms, Molecules & Laser	Theory	4
MSc – I	2019	II	PHY4203	Quantum Mechanics-II	Theory	4
MSc – I	2019	II	PHY4204	Electrodynamics	Theory	4
MSc – I	2019	II	PHY4205	Electronics Laboratory-II	Practical	4
MSc – I	2019	II	PHY4206	Basic Physics Laboratory-II	Practical	4
			CC	Certificate Course	--	2

**Resolution No. 3:** The curriculum for M.Sc-I, Semester-II (2019 pattern) has been unanimously approved by all members of the BoS.



**4. Discussion and finalization of activities for internal assessment of F.Y.B.Sc & M.Sc-I**

The BOS members discussed on academic activities and distribution of marks for internal assessment of FYBSc and M.Sc-I. Details are given below.

FYBSc	Theory (40 Marks)	Mid - Sem exam (20 Marks)	Internal Written test (10 Marks)	Assignment (5 marks)	Attendance (5 Marks)
	Practical (20 Marks)	Journal (10 Marks)	Oral ( 5 Marks)	Attendance (5 Marks)	
M.Sc-I	Theory (40 Marks)	Mid - Sem exam (20 Marks)	Internal Written test (10 Marks)	Seminar ( 5 Marks)	Attendance (5 Marks)
	Practical (40 Marks)	Mid - Sem exam (20 Marks)	Oral ( 10 Marks)	Journal (5 Marks)	Attendance (5 Marks)

**Resolution No.4:** The activities for internal assessment of F.Y.B.Sc and M.Sc-I has been unanimously approved by all members of the BOS.

**5. Discussion on implementation of certificate course**

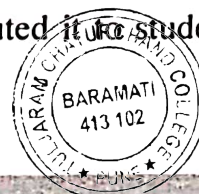
Department of physics has decided to conduct the certificate courses as follows

Class	Title of Course	Co-ordinator	Date of Commencement
F.Y.B.Sc	Renewable Energy Sources	Dr.V.S.Mohite	1 <sup>st</sup> week of Dec. 2019
M.Sc-I Sem-I	Online Course (IIT Kanpur) on Quantum mechanics	Dr.S.J.Rajoba	1 <sup>st</sup> Sept 2019
M.Sc-I Sem-II	Industrial Automation	Dr.M.K.Kokare	2 <sup>nd</sup> week of Dec. 2019

**Resolution No. 5:** The implementation of certificate course has been unanimously approved by all members of the BOS.

**6.To discuss and incorporate the relevant feedbacks of the stakeholders (students, teachers, parents, alumni and employers) in the curriculum.**

The Chairman initiated the discussion by highlighting the importance of incorporating feedback from both Alumni and current students in the syllabus design process. The department created a curriculum feedback form and distributed it to students, teachers,



parents, alumni, and employers. Subsequently, the stakeholders filled out the feedback forms. It was noted that their insights and suggestions would greatly contribute to creating a curriculum that aligns with the needs and expectations of the students. Therefore, the BoS members reviewed the feedback and suggestions given by the alumni and students and incorporated the relevant suggestions into the curriculum of F.Y.B.Sc and M.Sc. Physics

**Resolution No. 6:** Considered and Approved

**7. Any other matter with the permission of chairman**

The following issue were discussed with the permission of Chairman.

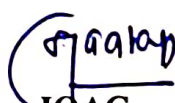
- a) Framing of question banks for each paper.


**Resolution No. 7:** Considered and Approved

Our BoS members have sent their suggestions regarding UG / PG syllabus through e-mail to BoS Chairman. Dr. Maruti Kokare read those suggestions and accordingly relevant changes were made in the syllabi.

Meeting was ended with the vote of thanks proposed by Dr. S. B. Kulkarni.

  
Chairman  
Board of Studies

  
Coordinator  
Coordinator  
Internal Quality Assurance Cell  
Tuljaram Chaturchand College of  
Arts, Science and Commerce,  
Baramati (Pune)-413102

  
Principal

