



Anekant Education Society's

# **Tuljaram Chaturchand College of Arts, Science, Commerce, Baramati**

**(Autonomous)**

## **DEPARTMENT OF CHEMISTRY**

(Faculty of Science and Technology)

### **Minutes of Board of Studies Meeting No. 9**

**Date of Meeting: 17/04/2023**

**Venue: Department of Chemistry**

---

**April-2023**

Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati**  
(Autonomous)

**Department of Chemistry**

**NOTICE**

Date: 11/04/2023

**Board of Studies Meeting**

All members of Board of Studies in Chemistry are hereby informed that, as per notice from College authority, our BOS meeting is organized on **17<sup>th</sup> April 2023 at 11.30 am** via on-line/off-line mode. As an estimated member of the board, you are invited for this meeting. Your presence and inputs during the meeting would be greatly appreciated.

**AGENDA OF THE MEETING**

**The agenda of the meeting included the following subjects:**

1. To confirm the minutes of the previous meeting held on 8<sup>th</sup> October 2022
2. To prepare and approve curriculum of S.Y.B.Sc. Semester-III (2022 pattern) to be implemented from the academic year 2023-2024.
3. To prepare and approve curriculum of M.Sc.-II Semester-III (2022 pattern) to be implemented from the academic year 2023-2024.
4. To discuss and incorporate the relevant feedbacks of the stakeholders (students, teachers, parents, alumni and employers) in the curriculum.
5. Any other issue with the permission of the chair.



Chairman  
Board of Studies in Chemistry

**Head**  
**DEPARTMENT OF CHEMISTRY**  
**Tuljaram Chaturchand College**  
**Baramati (Dist.Pune)**

  
Principal

**Tuljaram Chaturchand College**  
**Baramati**

Anekant Education Society's  
Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati  
(Autonomous)

**Department of Chemistry**

AGENDA OF THE MEETING

The agenda of the meeting included the following subjects:

1. To confirm the minutes of the previous meeting held on 8<sup>th</sup> October 2022
2. To prepare and approve curriculum of S.Y.B.Sc. Semester-III (2022 pattern) to be implemented from the academic year 2023-2024.
3. To prepare and approve curriculum of M.Sc.-II Semester-III (2022 pattern) to be implemented from the academic year 2023-2024.
4. To discuss and incorporate the relevant feedbacks of the stakeholders (students, teachers, parents, alumni and employers) in the curriculum.
5. Any other issue with the permission of the chair.

### List of Members Presented for the BOS Meeting

The following internal and external BOS members were attended the Board of Studies

Sr.No.	Name of Member	Designation
1.	<b>Dr. Sanjay R. Kale</b> Head & Associate Professor, Department of Chemistry, T. C. College, Baramati.	Chairman
2	<b>Mr. Shrikrushna T. Salunke</b> Associate Professor, Department of Chemistry T. C. College, Baramati	Internal Member
3	<b>Mr. Bhimrao R. Torane</b> Assistant Professor, Department of Chemistry T. C. College, Baramati	Internal Member
4	<b>Mr. Maharudra A. Dudhe</b> Assistant Professor, Department of Chemistry, T. C. College, Baramati	Internal Member
5	<b>Mr. Ravikiranamrut R. Gandhi</b> Assistant Professor, Department of Chemistry T. C. College, Baramati	Internal Member
6	<b>Dr. Vaibhav P. Landage</b> Assistant Professor, Department of Chemistry T. C. College, Baramati	Internal Member
7	<b>Dr. Yogesh N. Indulkar</b> Assistant Professor, Department of Chemistry T. C. College, Baramati	Internal Member
8	<b>Dr. Rahul S. Bhondwe.</b> Assistant Professor, Department of Chemistry T. C. College, Baramati	Internal Member
9	<b>Dr. Nilam C. Dige</b> Assistant Professor, Department of Chemistry SPPU, Pune	Internal Member
10	<b>Dr. Namdeo N. Bhujbal</b> Associate Professor, Department of Chemistry A. Magar College, Hadapsar, Pune	External Member VC Nominee.
11	<b>Dr. Vijay Vader</b> Associate Professor, Department of Chemistry Solapur University	External Member from other University
12	<b>Dr. D. M. Pore</b> Associate Professor, Department of Chemistry Shivaji University, Kolhapur	External Member from other University
13	<b>Dr. Hanmant Gurav</b> Scientist, Reliance Petrochemicals, Mumbai.	Meritorious Alumni

14	<b>Mr. Saurabh Pandhare (M.Sc.I)</b> T. C. College, Baramati	PG Student
15	<b>Ms. Sampada Sonawane (M.Sc.II)</b> T. C. College, Baramati	PG Student
16	<b>Ms. Samruddhi Salunke (T.Y.B.Sc.)</b> T. C. College, Baramati	UG Student
17	<b>Ms. Kharbade Neha (M. Sc. II )</b> T. C. College, Baramati	PG Student

## **MINUTES OF THE MEETING**

As per the Notice issued by the college, the meeting of Board of Studies in Chemistry was successfully held on **17<sup>th</sup> April 2023** at 11:30 am via online / off-line mode. The meeting took place as per the guidelines and protocols set by the college under the guidance of Dr. Sanjay R. Kale, Chairman of the Board of Studies in Chemistry. 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 8<sup>th</sup> October 2022.**

Dr. Sanjay R. Kale read the minutes of the BOS meeting held on 8<sup>th</sup> October 2022 put forward to the BOS members for the approval. All members agreed and confirmed it without any corrections.

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

**2. To prepare and approve curriculum of S.Y.B.Sc. Semester-III (2022 pattern) to be implemented from the academic year 2023-2024.**

The Board of Studies (BOS) members meticulously designed and crafted the curriculum for Semester III of the S.Y.B. Sc 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, Mr. B.R. Torane presented the curriculum on a course-by-course basis, and the recommendations and valuable insights provided by the BOS members were thoughtfully incorporated into the curriculum. Dr. N. N. Bhujbal suggested some additions in the syllabus of USCH 232 and USCH 233. After discussion these additions were incorporated and sanctioned.



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	Semester	Course Code	Course Title	Course Type	No. of Credits
<b>Second Year</b>						
S.Y.B.Sc	2022	III	USCH231	Physical and Analytical Chemistry I	Theory	03
S.Y.B.Sc	2022	III	USCH232	Organic and Inorganic Chemistry I	Theory	03
S.Y.B.Sc	2022	III	USCH233	Chemistry Practical III	Practical	02

**Resolution No. 2:** The curriculum for S.Y.B.Sc. Semester-III (2022 pattern) has been unanimously approved by all members of the BOS.

- 3. To prepare and approve curriculum of M.Sc.-II (Organic Chemistry) Semester-III (2022 pattern), M.Sc.-II (Inorganic Chemistry), Semester-III (2022 pattern) and M.Sc.-II (Analytical Chemistry), Semester-III (2022 pattern) to be implemented from the academic year 2023-2024.**

The Board of Studies (BOS) members meticulously designed and crafted the curriculum for M.Sc.-II (Organic Chemistry) Semester-III (2022 pattern), M.Sc.-II (Inorganic Chemistry), Semester-III (2022 pattern) and M.Sc.-II (Analytical Chemistry), Semester-III (2022 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. N. C. Dige presented the curriculum on a course-by-course basis. Dr. D. M. Pore gave some valuable guidance on implementation of practicals in the course PSCHO235, also suggested some additional subtopics in the course PSCHO 233. Dr. Vijay Vader was satisfied due to topics included in the syllabus of M. Sc. II Inorganic Chemistry. Dr. Gurav suggested some extra practicals in the course PSCHA 235. 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.-II (Organic Chemistry) Semester-III (2022 pattern), M.Sc.-II (Inorganic Chemistry), Semester-III (2022 pattern) and M.Sc.-II (Analytical Chemistry), Semester-III (2022 pattern)

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.

<b>M. Sc. II (2022 Pattern) Sem III Credit Course Structure</b>						
<b>Second Year (Organic Chemistry)</b>						
M. Sc. II	2022	III	PSCHO 231	Designing of organic synthesis and Heterocyclic Chemistry	Theory	04
M. Sc. II	2022	III	PSCHO 232	Spectroscopic Methods in Structure Determination	Theory	04
M. Sc. II	2022	III	PSCHO 233	Organic Stereochemistry-I and Organic Reaction Mechanism	Theory	04
M. Sc. II	2022	III	PSCHO 234	Photochemistry, Free radicals and Pericyclic Reactions	Theory	04
M. Sc. II	2022	III	PSCHO 235	Single stage preparations	Practical	04
M. Sc. II	2022	III	PSCHO 236	Double stage preparations	Practical	04
M. Sc. II	2022	III	Certificate Course CC	Instrumental methods for chemical analysis	Theory Practical	02
M. Sc. II	2022	III	SD:23	Skill Development Course	Theory Practical	02
<b>Second Year (Inorganic Chemistry)</b>						
M. Sc. II	2022	III	PSCHI 231	Organometallic Chemistry & Homogeneous catalysis	Theory	04
M. Sc. II	2022	III	PSCHI 232	Inorganic reaction mechanism and photochemistry	Theory	04
M. Sc. II	2022	III	PSCHI 233	Physical Methods in Inorganic Chemistry	Theory	04
M. Sc. II	2022	III	PSCHI 234	Bioinorganic and Inorganic medicinal chemistry	Theory	04
M. Sc. II	2022	III	PSCHI 235	Analysis, Estimations and computer applications	Practical	04
M. Sc. II	2022	III	PSCHI	Inorganic preparations	Practical	04



			236	and Instrumental analysis		
M. Sc. II	2022	III	Certificate Course CC	Instrumental methods for chemical analysis	Theory Practical	02
M. Sc. II	2022	III	SD:23	Skill Development Course	Theory Practical	02
<b>Second Year (Analytical Chemistry)</b>						
M. Sc. II	2022	III	PSCHA 231	Analytical Method Development & Validation, Nanotechnology	Theory	04
M. Sc. II	2022	III	PSCHA 232	Electrochemical Methods and Food Analysis	Theory	04
M. Sc. II	2022	III	PSCHA 233	Pharmaceutical Analysis	Theory	04
M. Sc. II	2022	III	PSCHA 234	Characterization Techniques	Theory	04
M. Sc. II	2022	III	PSCHA 235	Analysis of Materials	Practical	04
M. Sc. II	2022	III	PSCHA 236	Instrumental Analysis	Practical	04
M. Sc. II	2022	III	Certificate Course CC	Instrumental methods for chemical analysis	Theory Practical	02
M. Sc. II	2022	III	SD:23	Skill Development Course	Theory Practical	02

**Resolution No. 3:** The curriculum for M.Sc. I, Semester-II (2022 pattern) has been unanimously approved by all members of the BOS.

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

The feedback and suggestions from different stakeholders was considered while designing the credit format for UG programme and preparation of curriculum for F.Y.B.Sc. Sem II (2022 pattern) and M.Sc. I, Sem II (2022 pattern) The BOS members reviewed the relevant feedback and suggestions from the students, alumni, teacher, parents and employers. Accordingly, these inclusions and modifications were incorporated in the curriculum after approval of BOS members.

**Resolution No. 4:** The relevant modifications have been unanimously approved by all the BOS members.

5. Any other issue with the permission of the chair.

As there were no any other subject/topic raised by BOS member, the meeting was ended with vote of thanks by the Chairman to all members for their valuable cooperation.



Chairman

Board of Studies in Chemistry

**Head**

**DEPARTMENT OF CHEMISTRY**  
**Tuljaram Chaturchand College**  
**Baramati (Dist.Pune)**

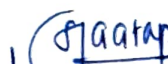


IQAC

Coordinator

**Coordinator**

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



Principal

**Principal**

**Tuljaram Chaturchand College**  
**Baramati**