



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.10

Date of Meeting: 10/06/2023

Venue: Department of Chemistry

June-2023

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

Department of Chemistry

NOTICE

Date: 06/06/2023

Board of Studies Meeting

All members of Board of Studies in Chemistry are here by informed that, as per notice from College authority, our BOS meeting is organized on **10th June 2023** at **03.00 pm** 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:

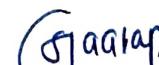
1. To confirm the minutes of the previous meeting held on 17th April 2023.
2. To design and approve course and credit structure for the B.Sc. and M. Sc. programme in accordance with (NEP 2020) 2023 pattern.
3. To prepare and approve curriculum of F.Y.B.Sc. Semester-I (2023 pattern) to be implemented from the academic year 2023-2024.
4. To prepare and approve curriculum of M.Sc.-I Semester-I (2023 pattern) to be implemented from the academic year 2023-2024.
5. To introduce MOOC Certificate courses from SWAYAM platform for the S.Y.B.Sc and T.Y.B.Sc as per 2022 pattern.
6. To discuss and incorporate the relevant feedbacks of the stakeholders (students, teachers, parents, alumni and employers) in the curriculum.
7. 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
Principal

Tuljaram Chaturchand College
Baramati

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7. 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.	Dr. Sanjay R. Kale Head & Associate Professor, Department of Chemistry, T. C. College, Baramati.	Chairman
2	Mr. Maharudra A. Dudhe Assistant Professor, Department of Chemistry, T. C. College, Baramati	Internal Member
3	Mr. Ravikiranamrut R. Gandhi Assistant Professor, Department of Chemistry T. C. College, Baramati	Internal Member
4	Dr. Vaibhav P. Landage Assistant Professor, Department of Chemistry T. C. College, Baramati	Internal Member
5	Dr. Yogesh N. Indulkar Assistant Professor, Department of Chemistry T. C. College, Baramati	Internal Member
6	Dr. Rahul S. Bhondwe. Assistant Professor, Department of Chemistry T. C. College, Baramati	Internal Member
7	Dr. Nilam C. Dige Assistant Professor, Department of Chemistry SPPU, Pune	Internal Member
8	Dr. Namdeo N. Bhujbal Associate Professor, Department of Chemistry Magar College, Hadapsar, Pune	External Member VC Nominee.
9	Dr. Vijay Vader Associate Professor, Department of Chemistry Solapur University	External Member from other University
10	Dr. D. M. Pore Associate Professor, Department of Chemistry A. Shivaji University, Kolhapur	External Member from other University
11	Dr. Hanmant Gurav Scientist, Reliance Petrochemicals, Mumbai.	Meritorious Alumni
12	Mr. Ajay Pomane T. C. College, Baramati	UG Student
13	Mr. Prathamesh Bhosale T. C. College, Baramati	UG Student

BOS in Chemistry meeting held on 10th June 2023

MINUTES OF THE MEETING

As per the Notice issued by the college, the meeting of Board of Studies in Chemistry was successfully held on **10th June 2023** at 03:00 pm 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 17th April 2023.

Dr. Sanjay R. Kale read the minutes of the BOS meeting held on **17th April 2023** 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 design and approve course and credit structure for the B.Sc. and M. Sc. programme in accordance with (NEP 2020) 2023 pattern.

The course and credit structure for the B.Sc. and M.Sc. programme in accordance with (NEP 2020) 2023 pattern was prepared by the faculty members as per guidelines set by the college and University. The detailed distribution of credits allotted to each course/subject for B.Sc. and M. Sc. programme is represented in it. Mr. Sanjay R. Kale, Chairman informed and explained this item to all the members. After the discussion it was approved.

Resolution No. 2: The course and credit structure for the B.Sc. and M. Sc. programme (NEP 2020) 2023 pattern has been unanimously approved by all members of the BOS.

3. To prepare and approve curriculum of F.Y.B.Sc. Semester-I (2023 pattern) to be implemented from the academic year 2023-2024.

The Board of Studies (BOS) members actively participated in designing the curriculum for Semester I of the F.Y.B. Sc program (2023 Pattern) as per NEP 2020 guidelines, 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. S. R. Kale 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. 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
First Year						
F.Y.B.Sc	2023	I	CHE-101 MJM	Physical and Inorganic Chemistry I	Theory	02
F.Y.B.Sc	2023	I	CHE-102 MJM	Organic and Inorganic Chemistry I	Theory	02
F.Y.B.Sc	2023	I	CHE-103 MJM	Chemistry Practical I	Practical	02
F.Y.B.Sc	2023	I	CHE-116 OE	Chemistry of Soil and Water	Theory	02
F.Y.B.Sc	2023	I	CHE-117 OE	Chemical Analysis of Soil and Water	Practical	02
F.Y.B.Sc	2023	I	CHE-121 VSC	Introduction to Agriculture Chemistry	Theory	02
F.Y.B.Sc	2023	I	CHE-126 SEC	Organic Chemical Analysis	Practical	02
F.Y.B.Sc	2023	I	CHE-137 IKS	Indian Heritage of Chemistry	Theory	02

Resolution No. 3: The curriculum for F.Y.B.Sc. Semester-I (2023 pattern) has been unanimously approved by all members of the BOS.

4. To prepare and approve curriculum of M.Sc.-I Semester-I (2023 pattern) to be implemented from the academic year 2023-2024.

The Board of Studies (BOS) members meticulously designed and crafted the curriculum for Semester I of the M. Sc. program (2023 Pattern) as per NEP 2020 guidelines, 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. Y. N. Indulkar presented the curriculum on a course-by-course basis. Dr. N. N. Bhujbal and Dr. Vijay Vader gave some valuable guidance on implementation of theory and practical courses Dr. Gurav suggested some extra practicals in the course CHE 504 MJM. Dr. D. M. Pore suggested some additions in the course CHE 521 RM. 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-I (2023 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.

Class	Pattern	Semester	Course Code	Course Title	Course Type	No. of Credits
First Year						
M.Sc I	2023	I	CHE-501 MJM	Physical and Analytical Chemistry I	Theory	02
M.Sc I	2023	I	CHE-502 MJM	Organic and Inorganic Chemistry I	Theory	02
M.Sc I	2023	I	CHE-503 MJM	Physical Chemistry Practical I	Practical	02
M.Sc I	2023	I	CHE-504 MJE	Organic Chemistry Practical	Practical	02
M.Sc I	2023	I	CHE-511 MJE (A)	Advanced topics in Analytical Chemistry I	Theory	02
M.Sc I	2023	I	CHE-511 MJE (B)	Advanced topics in Inorganic Chemistry I	Theory	02

M.Sc I	2023	I	CHE-511 MJE (C)	Advanced topics in Organic Chemistry I	Theory	02
M.Sc I	2023	I	CHE- 521RM	Research Methodology	Theory	02

Resolution No. 4: The curriculum for M.Sc. I, Semester-I (2023 pattern) has been unanimously approved by all members of the BOS.

5. To introduce MOOC Certificate courses from SWAYAM platform for S.Y.B. Sc and T.Y.B. Sc as per 2022 pattern.

The BOS members were discussed about the availability of various certificate courses for S.Y.B.Sc and T.Y.B.Sc. classes. Dr. Y. N. Indulkar suggested other optional platforms for such certificate courses. After detail discussion the following areas were finalized for the certificate courses.

- A. Mechanism in Organic Chemistry
- B. Metals in Biology
- C. Quantitative methods in Chemistry
- D. Computer programming and applications in Chemistry.
- E. Any other relevant topic related to Chemistry as per availability of platform.
- F. Certificate course designed by faculty members (off-line)

Resolution No. 5: The inclusion of Certificate courses for S.Y.B. Sc and T.Y.B. Sc as per 2022 pattern 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 feedback and suggestions from different stakeholders were considered while designing the credit format for UG programme and preparation of curriculum for F.Y.B.Sc. Sem I(2023 pattern) and M.Sc. I, Sem I(2023 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. 6: The relevant modifications have been unanimously approved by all the BOS members.

7. 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**