
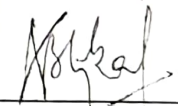
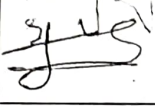

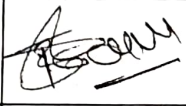
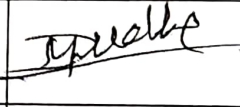

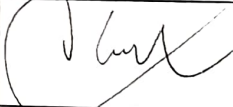
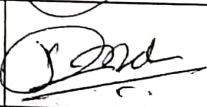
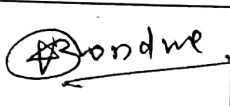
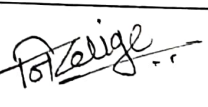

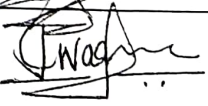
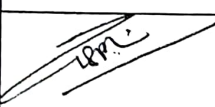
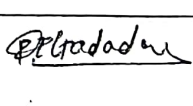
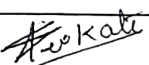


List of Members Presented for the BOS Meeting

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

Sr. No.	Name of Member	Designation	Sign.
1.	Dr. Sanjay R. Kale Head & Associate Professor, Department of Chemistry, T. C. College, Baramati.	Chairman	
2.	Dr. Namdeo N. Bhujbal Professor, Department of Chemistry, Magar College, Hadapsar, Pune.	External Member VC Nominee	
3.	Dr.D.M.Pore Professor, Department of Chemistry, Shivaji University, Kolhapur	External Member of other University	
4.	Dr. Shrikrushna T. Salunke Associate Professor, Department of Chemistry, T. C. College, Baramati.	Internal Member	
5.	Mr. Bhimrao R. Torane Assistant Professor, Department of Chemistry, T. C. College, Baramati.	Internal Member	
6.	Mr. Maharudra A. Dudhe Assistant Professor, Department of Chemistry, T. C. College, Baramati.	Internal Member	
7.	Mr. Ravikiranamrut R. Gandhi Assistant Professor, Department of Chemistry, T. C. College, Baramati.	Internal Member	
8.	Dr. Vaibhav P. Landage Associate Professor, Department of Chemistry, T. C. College, Baramati.	Internal Member	
9.	Dr. Yogesh N. Indulkar Assistant Professor, Department of Chemistry, T. C. College, Baramati.	Internal Member	
10.	Dr. Rahul S. Bhondwe Assistant Professor, Department of Chemistry, T. C. College, Baramati.	Internal Member	
11.	Dr. Nilam C. Dige Assistant Professor, Department of Chemistry, T. C. College, Baramati.	Internal Member	
12.	Mrs. Supriya S. Deokate Assistant Professor, Department of Chemistry, T. C. College, Baramati.	Internal Member	
13.	Mrs. Jyoti T. Waghmode Assistant Professor, Department of Chemistry, T. C. College, Baramati.	Internal Member	
14.	Ms. Geetanjali S. Bhunje Assistant Professor, Department of Chemistry, T. C. College, Baramati.	Internal Member	
15.	Mrs. Reshma T. Gadadare Assistant Professor, Department of Chemistry, T. C. College, Baramati.	Internal Member	
16.	Mrs. Swati A. Deokate	Internal Member	

	Assistant Professor, Department of Chemistry, T. C. College, Baramati.		
17.	Mrs. Gaytri D. Pirale Assistant Professor, Department of Chemistry, T. C. College, Baramati.	Internal Member	<i>G. D. Pirale</i>
18.	Mrs. Sonali P. Nale Assistant Professor, Department of Chemistry, T. C. College, Baramati.	Internal Member	<i>Sonali P. Nale</i>
19.	Ms. Farhat H. Shaikh Assistant Professor, Department of Chemistry, T. C. College, Baramati.	Internal Member	<i>Farhat H. Shaikh</i>
20.	Ms. Anjali N. Bhong Assistant Professor, Department of Chemistry, T. C. College, Baramati.	Internal Member	<i>Anjali N. Bhong</i>
21.	Mr. Harshad J. Salunkhe Assistant Professor, Department of Chemistry, T. C. College, Baramati.	Internal Member	<i>Harshad J. Salunkhe</i>
22.	Mr. Sourabh Pandhare T. C. College, Baramati.	PG Student	
23.	Mr. Niranjan Ghuge T. C. College, Baramati.	UG Student	<i>N. S. Ghuge</i>
24.	Mr. Vijay Gorave T. C. College, Baramati.	UG Student	<i>Vijay Gorave</i>

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

Department of Chemistry

NOTICE

Date: 07/03/2024

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 **12th March 2024 at 12.00 noon** in HoD room Department of Chemistry. 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 27th October 2023.
2. To design course and credit structure for Second year UG and PG (Sem III & IV) in accordance with the NEP-2020.
3. To design and approve curriculum of TY B Sc Semester V (2022 pattern) to be implemented from the academic year 2024-2025.
4. To design and approve curriculum of S Y B Sc Semester III (2023 pattern as per NEP-2020) to be implemented from the academic year 2024-2025.
5. To design and approve curriculum of M.Sc.-II Semester III (2023 pattern as per NEP-2020) to be implemented from the academic year 2024-2025.
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



Principal

Tuljaram Chaturchand College
Baramati

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

Department of Chemistry

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5. To design and approve curriculum of M.Sc.-II Semester III (2023 pattern as per NEP-2020) to be implemented from the academic year 2024-2025.
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.

List of Members Present 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 & Professor, Department of Chemistry, T. C. College, Baramati.	Chairman
2.	Dr. Namdeo N. Bhujbal Professor, Department of Chemistry Magar College, Hadapsar, Pune	External Member VC Nominee.
3.	Dr. D. M. Pore Professor, Department of Chemistry Shivaji University, Kolhapur	External Member from other University
4.	Dr. Shrikrushna T. Salunke Associate Professor, Department of Chemistry, T. C. College, Baramati.	Internal Member
5.	Mr. Bhimrao R. Torane Assistant Professor, Department of Chemistry, T. C. College, Baramati.	Internal Member
6.	Mr. Maharudra A. Dudhe Assistant Professor, Department of Chemistry, T. C. College, Baramati	Internal Member
7.	Mr. Ravikiranamrut R. Gandhi Assistant Professor, Department of Chemistry T. C. College, Baramati	Internal Member
8.	Dr. Vaibhav P. Landage Associate Professor, Department of Chemistry T. C. College, Baramati	Internal Member
9.	Dr. Yogesh N. Indulkar Assistant Professor, Department of Chemistry T. C. College, Baramati	Internal Member
10.	Dr. Rahul S. Bhondwe. Assistant Professor, Department of Chemistry T. C. College, Baramati	Internal Member
11.	Dr. Nilam C. Dige Assistant Professor, Department of Chemistry T. C. College, Baramati.	Internal Member
12.	Mrs. Supriya S. Deokate Assistant Professor, Department of Chemistry, T. C. College, Baramati.	Internal Member
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14.	Ms. Geetanjali S. Bhunje Assistant Professor, Department of Chemistry, T. C. College, Baramati.	Internal Member

15.	Mrs. Reshma T. Gadadare Assistant Professor, Department of Chemistry, T. C. College, Baramati.	Internal Member
16.	Mrs. Swati A. Deokate Assistant Professor, Department of Chemistry, T. C. College, Baramati.	Internal Member
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18.	Mrs. Sonali P. Nale Assistant Professor, Department of Chemistry, T. C. College, Baramati.	Internal Member
19.	Ms. Farin H. Shaikh Assistant Professor, Department of Chemistry, T. C. College, Baramati.	Internal Member
20.	Ms. Anjali N. Bhong Assistant Professor, Department of Chemistry, T. C. College, Baramati.	Internal Member
21.	Mr. Harshad J. Salunkhe Assistant Professor, Department of Chemistry, T. C. College, Baramati.	Internal Member
22.	Mr. Saurabh Pandhare T. C. College, Baramati	PG Student
23.	Mr. Niranjana Ghuge T. C. College, Baramati	UG Student
24.	Mr. Vijay Gorave T. C. College, Baramati	UG Student

List of Members Absent for the BOS Meeting

The following external BOS members were NOT attended the Board of Studies

Sr. No.	Name of Member	Designation
1	Dr. Vijay Vader, Professor, Department of Chemistry Walchand College, Solapur	External Member Other University
2	Dr. Hanmant Gurav, Senior Scientist Reliance Petro-industries, Navi Mumbai	Member Representative Alumni
3	Mr. Nitin Gawade. R & D section Indigo Industries, Mumbai	Member Representative from Industry

MINUTES OF THE MEETING

As per the Notice issued by the college, the meeting of Board of Studies in Chemistry was successfully held on **12th March 2024** at 12:00 noon. in HoD room. 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 27th October 2023.

Dr. Sanjay R. Kale read the minutes of the BOS meeting held on **27th October 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 course and credit structure for Second year UG and PG (Sem III & IV) in accordance with the NEP-2020.

All the Board of Studies (BOS) members actively participated in designing the course and credit structure for second year BSc and MSc II for Sem III and IV in accordance with NEP 2020 and as per government of Maharashtra guidelines. First preliminary draft was shared with all BOS members for their input and suggestions to enhance its quality and then finalised in the meeting.

Course & Credit Structure for S.Y.B.Sc Chemistry Sem III & IV
(2023 Pattern as per NEP – 2020)

Sem	Course Type	Course Code	Course Title	Theory/ Practical	Credits
III	Major Mandatory	CHE-201-MJM	Physical Chemistry-I	Theory	02
	Major Mandatory	CHE -202-MJM	Inorganic Chemistry-I	Theory	02
	Major Mandatory	CHE -203-MJM	Organic Chemistry-I	Theory	02
	Major Mandatory	CHE -204-MJM	Chemistry Practical- III	Practical	02
	Minor	CHE-211-MN	Basic concepts of Chemistry-I	Theory	02
	Minor	CHE-212-MN	Basic Practicals in Chemistry-I	Practical	02
	Open Elective	CHE-216-OE	Chemistry in everyday life	Theory	02
	Vocational Skill Course (VSC)	CHE-221-VSC	Fundamental of Analytical Chemistry	Theory	02
	Ability Enhancement Course (AEC)	MAR / HIN /SAN -231-AEC	भाषिक उपयोगन व लेखन कौशल्ये हिंदी भाषा कौशल प्राथमिक संभाषण कौशल्यम्	Theory	02
	Co-curricular Course (CC)	YOG/PES/CUL /NSS/NCC -239-CC	To be Selected from the Basket	Theory	02
	Field Project (FP)	CHE-235-FP		Practical	02
Generic IKS Course (IKS)	GEN-245-IKS		Theory	02	
Total Credits Semester-III					24
IV	Major Mandatory	CHE-251-MJM		Theory	02
	Major Mandatory	CHE -252-MJM		Theory	02
	Major Mandatory	CHE -253-MJM		Theory	02
	Major Mandatory	CHE -254-MJM		Theory	02
	Minor	CHE-261-MN		Practical	02
	Minor	CHE-262-MN		Theory	02
	Open Elective (OE)	CHE-266-OE		Practical	02
	Skill Enhancement Course (SEC)	CHE-221-SEC		Practical	02
	Ability Enhancement Course (AEC)	MAR / HIN/ SAN -281-AEC	लेखन निर्मिती व परीक्षण कौशल्ये हिंदी भाषा : संप्रेषण कौशल प्रगत संभाषण कौशल्यम्	Theory	02
	Co-curricular Course (CC)	YOG/PES/CUL /NSS/NCC- 289-CC	To be Selected from the Basket	Theory	02
	Community Engagement project (CEP)	CHE-285-CEP		Practical	02
Total Credits Semester-IV					22
Cumulative Credits Semester III + Semester IV					46

**Course & Credit Structure for M. Sc. II Organic Chemistry (2023 Pattern)
as per NEP – 2020**

Sem	Course Type	Course Code	Course Title	Theory/ Practical	Credits
III	Major Mandatory	CHO-601-MJM	Retrosynthesis and Spectroscopy	Theory	04
	Major Mandatory	CHO-602-MJM	Designing of organic synthesis and stereochemistry	Theory	04
	Major Mandatory	CHO-603-MJM	Ternary Mixture Analysis	Practical	02
	Major Mandatory	CHO-604-MJM	Double stage preparation	Practical	02
	Major Elective	CHO-611-MJE(A)	Pericyclic reactions Photochemistry	Theory	02
		CHO-611-MJE(B)			
	Major Elective	CHO-612-MJE(A)	Preparation of Analogs	Practical	02
		CHO-612-MJE(B)	Single stage preparation		
			CHO-621-RP	Research Project	Practical
Total Credits Semester-III					20
IV	Major Mandatory	CHO-651-MJM		Theory	04
	Major Mandatory	CHO-652-MJM		Theory	04
	Major Mandatory	CHO-653-MJM		Practical	02
	Major Elective	CHO-661-MJE(A)		Theory	02
		CHO-661-MJE(B)			
	Major Elective	CHO-662-MJE(A)		Practical	02
		CHO-612-MJE(B)			
	Research Project (RP)		CHO-681-RP		Practical
Total Credits Semester-IV					20
Cumulative Credits Semester III + Semester IV					40

**Course & Credit Structure for M.Sc.II Inorganic Chemistry (2023 Pattern)
as per NEP – 2020)**

Sem	Course Type	Course Code	Course Title	Theory/ Practical	No. of Credits
III	Major (Mandatory)	CHI-601-MJM	Inorganic reaction mechanism and organometallic chemistry	Theory	04
	Major (Mandatory)	CHI-602-MJM	Nanomaterials /Material science II and physical methods in Inorganic Chemistry	Theory	04
	Major (Mandatory)	CHI-605-MJM	Analysis, Estimation and computer application	Practical	02
	Major (Mandatory)	CHI-606-MJM	Inorganic Preparations and instrumental analysis	Practical	02
	Major (Elective)	CHI-611-MJE (A)	Bioinorganic and Inorganic medicinal chemistry	Theory	02
		CHI-611-MJE (B)	Advance topics in Inorganic Chemistry-II		
	Major (Elective)	CHI-612-MJE (A)	Inorganic Chemistry practical I	Practical	02
		CHI-612-MJE (B)	Inorganic chemistry Practical II		
Research Methodology (RM)	CHI-621-RP	Research Project (RP)	Practical	04	
Total Credits Semester III					20
IV	Major (Mandatory)			Theory	04
	Major (Mandatory)			Theory	04
	Major (Mandatory)			Practical	02
	Major (Mandatory)			Practical	02
	Major (Elective)			Theory	04
	On Job Training (OJT)/Field Project (FP)			Training/P roject	04
Total Credits Semester IV					20
Cumulative Credits of Semester III and IV					40

**Course & Credit Structure for M.Sc.II Analytical Chemistry (2023 Pattern)
as per NEP – 2020**

Sem	Course Type	Course Code	Course Title	Theory/ Practical	Credits
III	Major Mandatory	CHA-601-MJM	Recent Advanced Characterization Technique	Theory	04
	Major Mandatory	CHA-602-MJM	Pharmaceutical analysis	Theory	04
	Major Mandatory	CHA-603-MJM	Instrumental methods of analysis	Practical	02
	Major Mandatory	CHA-604-MJM	Analysis of pharmaceutical, food and bio-analytical samples	Practical	02
	Major Elective	CHA-611-MJE(A)	Electrochemical methods	Theory	02
		CHA-611-MJE(B)	Food analysis		
	Major Elective	CHA-612-MJE(A)	Instrumental analysis	Practical	02
		CHA-612-MJE(B)	Analysis of material		
	Research Project (RP)	CHA-621-RP	Project	Practical	04
Total Credits Semester-III					20
IV	Major Mandatory	CHA-651-MJM		Theory	04
	Major Mandatory	CHA-652MJM		Theory	04
	Major Mandatory	CHA-653-MJM		Practical	02
	Major Elective	CHA-661-MJE(A)		Theory	02
		CHA-661-MJE(B)			
	Major Elective	CHA-662-MJE(A)		Practical	02
		CHA-612-MJE(B)			
Research Project (RP)	CHA-681-RP		Practical	06	
Total Credits Semester-IV					20
Cumulative Credits Semester III + Semester IV					40

Resolution No. 2: The course and credit structure for second year BSc and MSc II (Inorganic, Organic and Analytical Chemistry) for Sem III and IV in accordance with NEP 2020 has been unanimously approved by all members of the BOS.

3. To design and approve curriculum of TY B Sc Semester V (2022 pattern) to be implemented from the academic year 2024-2025.

- The Board of Studies (BOS) members meticulously designed and crafted the curriculum for T.Y.B.Sc Chemistry Semester V (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, Prof. Dr. S. R. Kale presented the curriculum on a course-by-course basis. Dr. D. M. Pore gave some valuable guidance on implementation of practical in the organic chemistry practical course; Dr. N. N. Bhujbal was satisfied due to topics included in the syllabus. 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 T.Y.B.Sc Chemistry Semester V (2022 pattern)
- The Board of Studies also considered the feedback getting from students on curriculum. After thorough deliberation and careful consideration, the curriculum of following courses of T.Y.B.Sc was presented for approval during the BOS meeting.

Semester	Course Code and Title of the paper	Number of Credits
V	THEORY PAPERS	
	USCH 351:Physical Chemistry- I	03
	USCH 352: Inorganic Chemistry-I	03
	USCH 353: Organic Chemistry-I	03
	USCH 354: Analytical Chemistry-I	03
	USCH 355: Industrial Chemistry-I	03
	OPTIONAL THEORY PAPER (Select ANY ONE of the following)	
	USCH 356 (A) Nuclear Chemistry- I	03
	USCH 356 (B) Polymer Chemistry-I	
	USCH 356 (C) Introduction to Biochemistry and Molecular Biology-I	
	USCH 356 (D) Environmental and Green Chemistry-I	
	USCH 356 (E) Agriculture Chemistry	
	USCH 356 (F) Synthesis of Nanomaterials and Nanotoxicology	
	PRACTICAL PAPERS	
	USCH 357 :Physical Chemistry Practical-I	02
USCH 358 :Inorganic Chemistry Practical- I	02	
USCH 359 :Organic Chemistry Practical - I	02	

Resolution No. 3: The curriculum for T.Y.B.Sc Chemistry Semester V (2022 pattern) has been unanimously approved by all members of the BOS.

4. To design and approve curriculum of S.Y.B.Sc. Semester III (2023 pattern) as per NEP-2020 to be implemented from the academic year 2024-2025.

The Board of Studies (BOS) members actively participated in designing the curriculum for Semester III of the S.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.

Sem	Course Type	Course Code	Course Title	Theory/ Practical	Credits
III	Major Mandatory	CHE-201-MJM	Physical Chemistry-I	Theory	02
	Major Mandatory	CHE -202-MJM	Inorganic Chemistry-I	Theory	02
	Major Mandatory	CHE -203-MJM	Organic Chemistry-I	Theory	02
	Major Mandatory	CHE -204-MJM	Chemistry Practical- III	Practical	02
	Minor	CHE-211-MN	Basic concepts of Chemistry-I	Theory	02
	Minor	CHE-212-MN	Basic Practicals in Chemistry-I	Practical	02
	Open Elective	CHE-216-OE	Chemistry in everyday life	Theory	02
	Vocational Skill Course (VSC)	CHE-221-VSC	Fundamental of Analytical Chemistry	Theory	02
	Ability Enhancement Course (AEC)	MAR / HIN /SAN -231-AEC	भाषिक उपयोजन व लेखन कौशल्ये हिंदी भाषा कौशल प्राथमिक संभाषण कौशल्यम्	Theory	02
	Co-curricular Course (CC)	YOG/PES/CUL /NSS/NCC -239-CC	To be Selected from the Basket	Theory	02
	Field Project (FP)	CHE-235-FP		Practical	02
	Generic IKS Course (IKS)	GEN-245-IKS		Theory	02
Total Credits Semester-III					24

Resolution No. 4: The curriculum for S.Y.B.Sc. Semester-III (2023 pattern as per NEP 2020) has been unanimously approved by all members of the BOS.

5. To design and approve curriculum of M.Sc.-II Semester III (2023 pattern) as per NEP-2020 to be implemented from the academic year 2024-2025.

The Board of Studies (BOS) members meticulously designed and crafted the curriculum for Semester III of the M. Sc. II (Inorganic, Organic and Analytical Chemistry) 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. R. S. Bhondwe, Mrs. G. D. Pirale and Ms. G. S. Bhunje presented the curriculum on a course-by-course basis. Dr. N. N. Bhujbal and Dr. D. M. Pore gave some valuable guidance on implementation of theory and practical courses as per NEP 2020 guidelines. Dr. Pore suggested some more additions of theory topics and extra practical in the curriculum of M.Sc. II Organic Chemistry. 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 Semester-III (2023 pattern) as per NEP 2020 guidelines. After thorough deliberation and careful consideration, the curriculum of following courses was presented for approval during the BOS meeting.

M. Sc. II Organic Chemistry (2023 Pattern) as per NEP – 2020

Sem	Course Type	Course Code	Course Title	Theory/ Practical	Credits
III	Major Mandatory	CHO-601-MJM	Retrosynthesis and Spectroscopy	Theory	04
	Major Mandatory	CHO-602-MJM	Designing of organic synthesis and stereochemistry	Theory	04
	Major Mandatory	CHO-603-MJM	Ternary Mixture Analysis	Practical	02
	Major Mandatory	CHO-604-MJM	Double stage preparation	Practical	02
	Major Elective	CHO-611-MJE(A)	Pericyclic reactions Photochemistry	Theory	02
		CHO-611-MJE(B)			
	Major Elective	CHO-612-MJE(A)	Preparation of Analogs Single stage preparation	Practical	02
		CHO-612-MJE(B)			
			CHO-621-RP	Research Project	Practical
Total Credits Semester-III					20

M.Sc.II Inorganic Chemistry (2023 Pattern) as per NEP – 2020)

Sem	Course Type	Course Code	Course Title	Theory/ Practical	No. of Credits
III	Major (Mandatory)	CHI-601-MJM	Inorganic reaction mechanism and organometallic chemistry	Theory	04
	Major (Mandatory)	CHI-602-MJM	Nanomaterials /Material science II and physical methods in Inorganic Chemistry	Theory	04
	Major (Mandatory)	CHI-605-MJM	Analysis, Estimation and computer application	Practical	02
	Major (Mandatory)	CHI-606-MJM	Inorganic Preparations and instrumental analysis	Practical	02
	Major (Elective)	CHI-611-MJE (A)	Bioinorganic and Inorganic medicinal chemistry	Theory	02
		CHI-611-MJE (B)	Advance topics in Inorganic Chemistry-II		
	Major (Elective)	CHI-612-MJE (A)	Inorganic Chemistry practical I	Practical	02
		CHI-612-MJE (B)	Inorganic chemistry Practical II		
Research Methodology (RM)	CHI-621-RP	Research Project (RP)	Practical	04	
Total Credits Semester III					20

M.Sc.II Analytical Chemistry (2023 Pattern) as per NEP – 2020

Sem	Course Type	Course Code	Course Title	Theory/ Practical	Credits
III	Major Mandatory	CHA-601-MJM	Recent Advanced Characterization Technique	Theory	04
	Major Mandatory	CHA-602-MJM	Pharmaceutical analysis	Theory	04
	Major Mandatory	CHA-603-MJM	Instrumental methods of analysis	Practical	02
	Major Mandatory	CHA-604-MJM	Analysis of pharmaceutical, food and bio-analytical samples	Practical	02
	Major Elective	CHA-611-MJE(A)	Electrochemical methods	Theory	02
		CHA-611-MJE(B)	Food analysis		
	Major Elective	CHA-612-MJE(A)	Instrumental analysis	Practical	02

		CHA-612-MJE(B)	Analysis of material		
	Research Project (RP)	CHA-621-RP	Project	Practical	04
Total Credits Semester-III					20

Resolution No. 5: The curriculum for M.Sc. II Semester-III (Inorganic, Organic and Analytical Chemistry) program (2023 Pattern) as per NEP 2020 guidelines.

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 was considered while designing the credit format for UG programme and preparation of curriculum for T. Y. B.Sc. Sem V (2022 Pattern), S.Y.B.Sc. Sem III (2023 pattern), and M. Sc. II Sem III (2023 Pattern) as per NEP 2020 guidelines. 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.

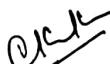
7. Any other issue with the permission of the chair.

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



Dean

Science Faculty



IQAC

Coordinator



Principal

**Tuljaram Chaturchand College
Baramati**

Coordinator
Internal Quality Assurance Cell
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