



Anekant Education Society's

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

**DEPARTMENT OF  
ENVIRONMENTAL SCIENCE**

(Faculty of Science and Technology)

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

**Date of Meeting: 20/10/2023**

**Venue: Department of Environmental Science**

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October, 2023

Anekant Education Society's  
**Tuljaram Chaturchand College, Baramati**

**DEPARTMENT OF ENVIRONMENTAL SCIENCE**

**NOTICE**

Date: 13/10/2023

**Board of Studies Meeting**

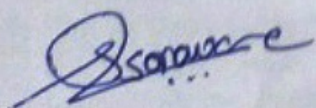
All members of the Board of Studies in Environmental Science are hereby informed that, our BOS meeting is organized on 20<sup>th</sup> October 2023 at 12:00 pm. in the staff room of Department of Environmental Science and in Online mode. As esteemed members of the board, your presence and input during the meeting would be greatly appreciated.

The agenda for the meeting is as follows:

1. To confirm the minutes of the previous meeting held on 9<sup>th</sup> June 2023.
2. To design and approve curriculum of S.Y.B.Sc. Semester IV (2022 pattern) to be implemented from the academic year 2023-2024.
3. To design and approve curriculum of F.Y.B.Sc. Semester II (2023 pattern) as per NEP-2020 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.

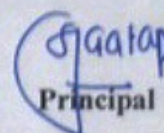
Therefore, I kindly request you to attend the aforementioned meeting and invite you to provide your valuable inputs for designing the curriculum in accordance with the NEP 2020 guidelines.

**Google Meet link-** <https://meet.google.com/xay-madg-gko>



Chairman,

**BOS in Environmental Science**



Principal

**List of Members Presented for the BOS Meeting**

The following internal and external BOS members were attended the Board of Studies (Environmental Science) meeting through online/offline mode held on 20<sup>th</sup> Oct, 2023.

Sr.No.	Name of Member	Designation
1.	<b>Ms. Surashri S. Sonawane</b> Head & Assistant Professor, Department of Environmental Science, T. C. College, Baramati.	Chairman
2.	<b>Prof. Dr. Ajit Telave</b> Associate Professor , Department of Botany, T. C. College, Baramati	Internal Member
3.	<b>Dr. Vitthal Nale</b> Assistant Professor, Department of Zoology, T. C. College, Baramati	Internal Member
4.	<b>Dr. Yogesh Indulkar</b> Assistant Professor, Department of Chemistry, T. C. College, Baramati	Internal Member
5.	<b>Prof. Dr. Arun Magar</b> Head & Associate Professor, Department of Geography , T. C. College, Baramati	Internal Member
6.	<b>Prof. Dr. Neeta Dhane</b> Associate Professor, Department of Statistics, T. C. College, Baramati	Internal Member
7.	<b>Mr. Abhijit More</b> Assistant Professor, Department of Environmental Science, T. C. College, Baramati	Internal Member
8.	<b>Ms. Neeta Sarode</b> Assistant Professor, Department of Environmental Science, T. C. College, Baramati	Internal Member
9.	<b>Dr. Rupali Gaikwad</b> Department of Environmental Science, Fergusson College, Pune, 411004.	Expert from SPPU
10.	<b>Dr. Rachana Ingavale</b> SIBER, Kolhapur, 416004	Expert from other University
11.	<b>Dr. Asawari Jadhav</b> Department of Environmental Science, Shivaji University, Kolhapur, 416004	Expert from other University
12.	<b>Dr. Ganesh Kadam</b> Laboratory Incharge & Dy Quality Manager Pune, Maharashtra, India GreenSolution Enviro and Laboratories Pvt Ltd	Industry Expert
13.	Ms. Sakshi Upadhyay	UG Student

14.	Mr.Pradip Shikare	UG Student
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Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati  
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## **Department of Environmental Science**

### **AGENDA OF THE MEETING**

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

1. To confirm the minutes of the previous meeting held on 9<sup>th</sup> June 2023.
2. To design and approve curriculum of S.Y.B.Sc. Semester IV (2022 pattern) to be implemented from the academic year 2023-2024.
3. To design and approve curriculum of F.Y.B.Sc. Semester II (2023 pattern) as per NEP-2020 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.

## MINUTES OF THE MEETING

As per the meeting of Board of Studies in Environmental Science was successfully held on 20<sup>th</sup> October, 2023 at 12:00 pm in the Department of Environmental Science, T. C. College, Baramati. The meeting took place both online and offline, adhering to the guidelines and protocols set by the college under the guidance of Ms. S. S. Sonawane, Chairman of the Board of Studies in Environmental Science, 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 BOS meeting held on 9<sup>th</sup> June, 2023.**

Ms. S. S. Sonawane read the minutes of the BOS meeting held on 9<sup>th</sup> June 2023 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 design and approve curriculum of S.Y.B.Sc. Semester IV (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 IV 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. Abhijit More 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. Ajit Telave and Dr. Asawari Jadhav specifically recommended maintaining consistency in the sub-points of all chapters.

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
S.Y.B.Sc.	2022	IV	USES241	Solid and Hazardous waste Management	Theory	03
			USES242	Environmental Pollution -II	Theory	03
			USES243	Practicals Based on USES241 and USES242	Practical	03

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

**3. To design and approve curriculum of F.Y.B.Sc. Semester II (2023 pattern) NEP-2020 to be implemented from the academic year 2023-2024.**

The board carefully designed and deliberated upon the curriculum of F.Y.B.Sc. Semester-II, aligning it with the guidelines of the National Education Policy (NEP) 2020, for implementation in the academic year 2023-2024. During the discussion, certain modifications were suggested by the board members. Dr. Rupali Gaikwad proposed the Add traditional ecotourism, treats and do's & don'ts in the course ENV-166-OE Ecotourism and Sustainability. The board thoroughly discussed and finalized the syllabus for the following courses of F.Y.B.Sc. Semester II.

Finally, 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 (NEP)	Semester	Course Code	Course Title	Course Type	No. of Credits
F.Y.B.Sc.	2023	II	ENV-151-MJM	Fundamentals of Environmental Science- II	Theory	02
			ENV-152-MJM	Fundamentals of Environmental Biology - II	Theory	02
			ENV-153-	Environment Science Practical-II	Practical	02

			MJM			
			ENV-161-MN	Sustainable Development	Theory	02
			ENV-166-OE	Ecotourism and Sustainability	Theory	02
			ENV-167-OE	Practicing of Ecotourism	Practical	02
			ENV-171-VSC	Water Quality Monitoring	Practical	02
			ENV-176-SEC	Sustainable Agricultural Practices	Practical	02

**Resolution No. 3:** The curriculum for F.Y.B.Sc. Semester II (2023 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 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. & S.Y.B.Sc. Environmental Science.

**Resolution No. 4:** Considered and Approved

**5. Any other matter with the consent of Chairperson.**

The following agenda items were added as additional items to the Board of Studies (BOS) meeting.

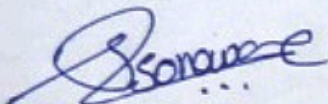
**5 (i) To grant approval for modifying the title of vocational skill course offered in the F.Y.B.Sc. semester-II, effective from the academic year 2023-2024.**



In the previous Board of Studies (BOS) meeting, the course structure for the second semester of F.Y.B.Sc. was formulated. During this meeting, the titles of Value Education Course were established as ENV-171-VSC: Water Treatment technology. These titles were found to necessitate some prerequisite technological knowledge for understanding the courses. Consequently, it has been decided to modify the course titles as follows: ENV-171-VSC: Water Quality Monitoring.

**Resolution No. 5 (i):** All members in unanimously approved the titles of vocational skill course as ENV-171-VSC: Water Quality Monitoring for the second semester of first year of undergraduate programmes.

The meeting of BOS concluded with the vote of thanks by Mr. Piyush Gurav.



Chairman  
Board of Studies



IQAC  
Coordinator



Principal