



Anekant Education Society's

**TuljaramChaturchand College
of Arts,Science,Commerce, Baramati
(Autonomous)**

**DEPARTMENT OF
ENVIRONMENTAL SCIENCE**

(Faculty of Science and Technology)

Minutes of Board of Studies Meeting No.8

Date of Meeting: 09/06/2023

Venue: Department of Environmental Science

June, 2023



Anekant Education Society's
Tuljaram Chaturchand College, Baramati

DEPARTMENT OF ENVIRONMENTAL SCIENCE

NOTICE

Date: 05/06/2023

Board of Studies Meeting

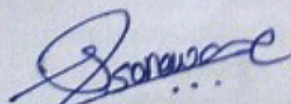
All members of the Board of Studies in Environmental Science are hereby informed that, our BOS meeting is organized on 9th June 2023 at 12:00 pm. in the staff room of Department of Environmental Science and in Online mode. As esteemed members of the board, your presence and input during the meeting would be greatly appreciated.

The agenda for the meeting is as follows:

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

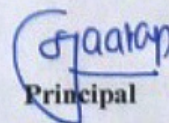
Therefore, I kindly request you to attend the aforementioned meeting and invite you to provide your valuable inputs for designing the curriculum in accordance with the NEP 2020 guidelines.

Google Meet link- <https://meet.google.com/aax-wcjk-wnj>



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 9th June, 2023.

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



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| 14. | Mr.Pradip Shikare | UG Student |
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Anekant Education Society's
Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
(Autonomous)

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 5th April 2023
2. To design and approve course and credit structure for the B.Sc. programme in accordance with (NEP 2020) 2023 pattern.
3. To prepare and approve curriculum of F.Y.B.Sc. Semester-I (2023pattern) to be implemented from the academic year 2023-2024.
4. To introduce MOOC Certificate courses from SWAYAM platform for the S.Y.B.Sc and T.Y.B.Sc as per 2022 pattern
5. To discuss and incorporate the relevant feedbacks of the stakeholders (students, teachers, parents, alumni and employers) in the curriculum.
6. 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 9th June, 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 5th April 2023.

Ms. S. S. Sonawane read the minutes of the BOS meeting held on 5th April 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 course and credit structure for the B.Sc. programme in accordance with (NEP 2020) 2023 pattern.

The Board of Studies (BOS) members meticulously designed and crafted the course and credit structure for the 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 course and credit structure, and the recommendations and valuable insights provided by the BOS members were thoughtfully incorporated into the it.

In light of the constructive suggestions offered by the BOS members, the course and credit structure underwent necessary revisions. As per NEP 2020, BOS members finalizes 2 credits per course for B.Sc. Environmental Science and was presented for approval during the BOS meeting.

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



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

The board carefully designed and deliberated upon the curriculum of F.Y.B.Sc. Semester-I, 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. Rachana Ingavale and Dr. Yogesh Indulkar proposed the Add respiratory and non respiratory PPE and noise pollution in the course ENV-117-OE Environmental Management and Safety. The board thoroughly discussed and finalized the syllabus for the following courses of F.Y.B.Sc. Semester I.

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 | I | ENV-101-MJM | Fundamentals of Environmental Science- I | Theory | 02 |
| | | | ENV-102-MJM | Fundamentals of Environmental Biology - I | Theory | 02 |
| | | | ENV-103-MJM | Environment Science Practical-I | Practical | 02 |
| | | | ENV -116-OE | Disaster and their Management | Theory | 02 |
| | | | ENV-117-OE | Environmental Management and Safety | Practical | 02 |
| | | | ENV-121-VSC | Solid Waste Management | Theory | 02 |
| | | | ENV-126-SEC | Introduction to lab instruments | Practical | |
| | | | ENV-135-VEC | Environmental Education | Theory | 02 |



| | | | | | | |
|--|--|--|-------------|--|--------|----|
| | | | ENV-137-IKS | Environment, Cultural Values and Society | 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 introduce MOOC Certificate courses from SWAYAM platform for the S.Y.B.Sc and T.Y.B.Sc as per 2022.

The board carefully searched and deliberated upon the MOOC Certificate courses from SWAYAM platform for the S.Y.B.Sc and T.Y.B.Sc as per 2022. All the BOS members appreciated the Certificate courses. The board thoroughly discussed and finalized the following MOOC Certificate courses from SWAYAM platform for the S.Y.B.Sc and T.Y.B.Sc as per 2022.

1) Course Title: Technologies for Clean and Renewable Energy production

Credit: 2

Duration: 8 Weeks

2) Course Title: Remote Sensing and GIS

Credit: 2

Duration: 8 Weeks

3) Course Title: Ecology and Environment

Credit: 2

Duration: 8 Weeks

Resolution No. 4: The MOOC Certificate courses from SWAYAM platform for the S.Y.B.Sc and T.Y.B.Sc as per 2022 has been unanimously approved by all members of the BOS.

5. 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



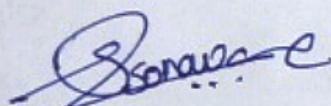
department created a curriculum feedback form and distributed it to students, teachers, parents, alumni, and employers. Subsequently, the stakeholders filled out the feedback forms. It was noted that their insights and suggestions would greatly contribute to creating a curriculum that aligns with the 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. Environmental Science.

Resolution No. 5: Considered and Approved

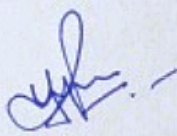
6. Any other matter with the consent of Chairperson.

The No any additional items to the Board of Studies (BOS) meeting.

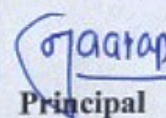
The meeting of BOS concluded with the vote of thanks by Mr. Piyush Gurav.



**Chairman
Board of Studies**



**IQAC
Coordinator**



Principal