

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

Department of Botany

5<sup>th</sup> MEETING OF BOARD OF STUDIES IN BOTANY

Academic Year 2023-2024

On 31<sup>st</sup> October, 2023 at 12.00 noon on wards

AGENDA of meeting

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 M. Sc. II Semester IV (2022 pattern) to be implemented from the academic year 2023-2024.
4. 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.
5. To design and approve curriculum of M. Sc. I Semester II (2023 pattern as per NEP-2020) to be implemented from the academic year 2023-2024.
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 chairman.

  
Chairman

Board of Studies in Botany

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

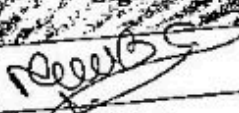
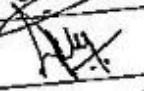
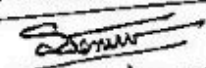
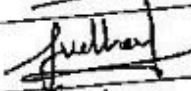

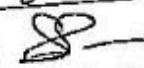
Department of Botany

**5<sup>th</sup> MEETING OF BOARD OF STUDIES IN BOTANY**

Academic Year 2023-2024

On 31<sup>st</sup> October, 2023 at 12.00 noon on wards

Attendance Report

Sr. No.	Name	Designation	Signature
1.	Prof. Dr. Bhagwan Mali	Chairman	
2.	Dr. Rupali Chitale	Member	
3.	Dr. Madhuri Patil	Member	Absent
4.	Mr. Sauraj N. Torane	Member	
5.	Ms. Ashwini B. Dudhal	Member	
6.	Mr. Prasad J. Bankar	Member	
7.	Mr. Sourabh R. Chandankar	Member	
8.	Prof. Dr. B. M. Gaykar	Expert from SPPU, Pune	Online present
9.	Prof. Dr. Jay Chavan	Expert from other university	Online present
10.	Dr. Jurumurthy	Expert from allied area	Absent :-
11.	Mr. Gore Nitin Anil	Meritorious Student	online present
12.	Ms. Ligade Komal Sambhaji	Meritorious Student	online
13.	Mr. Zodage Ram Sanjay	Meritorious Student	online
14.	Ms. Gargade Rutuja Hanumant	Meritorious Student	online

Dr. Bhagawan Mal (You, presenting)

To avoid an infinity mirror, don't share your entire screen or browser window. Share just a tab or a different window instead.

Stop presenting

Ignore

Dr. Bhagawan Mal

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## MINUTES OF THE MEETING

As per the Notice no. 216, dated 04/10/2023, issued by the college, the meeting of Board of Studies in Botany was successfully held on 31<sup>st</sup> October, 2023 at 12:00 noon in the Department of Botany, T. C. College, Baramati. The meeting took place offline, adhering to the guidelines and protocols set by the college under the guidance of Prof. Dr. Bhagawan S. Mali, Chairman of the Board of Studies in Botany.

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.**

The minutes of the previous Board of Studies meeting were approved and confirmed.

**2. To design and approve the curriculum for F. Y. B. Sc. Sem. II and M. Sc. I Sem. II (2023 pattern as per NEP-2020), S. Y. B. Sc. Sem. IV (2022 pattern) and M. Sc. II Sem. IV (2022 pattern) to be implemented from the academic year 2023-2024.**

The board carefully designed and deliberated opinion upon the curriculum of F. Y. B. Sc. Sem. II and M. Sc. I Sem. II (2023 pattern as per NEP-2020), S. Y. B. Sc. Sem. IV (2022 pattern) and M. Sc. II Sem. IV (2022 pattern) to be implemented from the academic year 2023-2024.

The board thoroughly discussed and finalized the syllabus for the following courses of F. Y. B. Sc. Sem. II and M. Sc. I Sem. II (2023 pattern as per NEP-2020), S. Y. B. Sc. Sem. IV (2022 pattern) and M. Sc. II Sem. IV (2022 pattern) to be implemented from the academic year 2023-2024.

Course	Pattern	Semester	Course Code	Course Title	No. of Credits
F.Y. B. Sc.	2023 Pattern	II	BOT-151- MJM	Diversity of Phanerogams	02
			BOT-152- MJM	Industrial Botany - II	02
			BOT-153- MJM	Botany Practical - II	02
			BOT-161-MN	Gardening and Nursery Management	02

			BOT-166-OE	Economic Botany	02
			BOT-167-OE	Seed Technology	02
			BOT-171-VSC	Plant Tissue Culture	02
			BOT-175-SEC	Mushroom Cultivation	02
S.Y. B.Sc.	2022 Pattern	IV	USBT 241	Anatomy and Embryology	03
			USBT 242	Plant Ecology	03
			USBT 243	Practicals based on USBT 241 and USBT 242	02
M.Sc. I	2023 Pattern	II	BOT -551-MJM	Plant Systematics II	04
			BOT -552-MJM	Plant physiology and Biochemistry	04
			BOT -553-MJM	Botany laboratory -I	04
			BOT -554-MJM	Botany laboratory -II	04
			BOT -561-MJE(A)	Molecular Biology and Genetic Engineering	04
			BOT -561-MJE(B)	Plant Ecology and Biodiversity	04
			BOT -581-OJT FP	On Job Training Field Project	04
M.Sc. II	2022 Pattern	IV	PSBT 241	Plant Pathology	04
			PSBT 242	Industrial Botany	04
			PSBT 243	Plant Biotechnology	04
			PSBT 244 A	Advanced Plant Physiology - II	04
			PSBT 244 B	Advanced Mycology and Plant Pathology - II	04
			PSBT 244 C	Bryology - II	04
			PSBT 244 D	Angiosperm Taxonomy - II	04
			PSBT 245	Practicals based on PSBT 241, PSBT 242 and PSBT 243	04
			PSBT 246	Research Projects and Summer Training	04
			SD-24	Skill development - II	04

During the discussion, certain modifications were suggested by the board members.

- In BOT-151-MJM, Diversity of Phanerogams, there no any suggestions.
- In BOT-152-MJM, Industrial Botany - II, there is no any suggestions.

- In BOT-166-OE, Economic Botany, in cereals instead of rice add bajara. In fiber plants, instead of jute, add *Pentatropi*, in spices, add coriander, ginger and kadipatta. In vegetables, add Pathari and Tandulja. In nuts, add nutmeg instead of walnut.
- In BOT-171-VSC, Plant Tissue Culture, instead of virus free plants write disease free plants.
- In USBT 242, Plant Ecology, add different methods of biodiversity conservation.
- In BOT-561-MJE (B), Plant Ecology and Biodiversity, in Conservation Ecology, add steps taken by T. C. College, Baramati towards conservation of ecology.
- In BOT-551-MJM, Plant Systematics II, remove order Selaginellales.
- In PSBT 242, Industrial Botany, add structure and role as biopesticides.
- Some changes are made in learning outcomes and references.

Finally, it was agreed that the revised curriculum would be submitted to the academic council of the college for approval.

**Considered and Approved.**

### **3. Any other matter with the consent of Chairperson.**

The following agenda item is taken as additional item in the BOS.

i) To consider the feedbacks and suggestions provided by the alumni and students of UG and PG classes while designing the syllabus of F. Y. B. Sc. Sem. II and M. Sc. I Sem. II (2023 pattern as per NEP-2020), S. Y. B. Sc. Sem. IV (2022 pattern) and M. Sc. II Sem. IV (2022 pattern) to be implemented from the academic year 2023-2024.

The Chairman initiated the discussion by highlighting the importance of incorporating feedback from both Alumni and current students in the syllabus design process. 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. Sem. II and M. Sc. I Sem. II (2023 pattern as per NEP-2020), S. Y. B. Sc. Sem. IV (2022 pattern) and M. Sc. II Sem. IV (2022 pattern) to be implemented from the academic year 2023-2024.

**Considered and Approved.**

ii) Field visits, field projects, study tours are incorporated into the curriculum of F. Y. B. Sc. Sem. II and M. Sc. I Sem. II (2023 pattern as per NEP-2020), S. Y. B. Sc. Sem. IV (2022

pattern) and M. Sc. II Sem. IV (2022 pattern) to be implemented from the academic year 2023-2024.

iii) Topics related with professional ethics, gender, human values and environment sustainability were incorporated into the curriculum of F. Y. B. Sc. Sem. II and M. Sc. I Sem. II (2023 pattern as per NEP-2020), S. Y. B. Sc. Sem. IV (2022 pattern) and M. Sc. II Sem. IV (2022 pattern) to be implemented from the academic year 2023-2024.

The meeting of BOS concluded with the vote of thanks by Dr. (Mrs.) Rupali Chitale.

*Rupali Chitale*

Chairman  
Board of Studies  
Department of Botany  
Fuljaram Chaturchand College  
Baramati (Dist. Pune)

*Dr. (Mrs.) Rupali Chitale*

Coordinator

Principal

