



Anekant Education Society's

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

**Department of Botany**  
(Faculty of Science and Technology)

**Minutes of Board of Studies Meeting**

**(Academic Year: 2019-2020)**

**Date of Meeting: 08/04/2019**

**Venue: Department of Botany/Offline**

April, 2019



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

Department of Botany  
FIRST MEETING OF BOARD OF STUDIES IN BOTANY

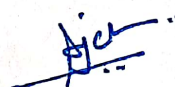
Academic Year 2019-2020  
On 08/04/2019 at 11.00 am onwards

AGENDA of meeting

1. To design and approve course and credit structure for the B.Sc. and M. Sc. programme in accordance with 2019 pattern.
2. To prepare and approve curriculum of F.Y. B.Sc. Semester - I and Semester - II (2019 pattern) to be implemented from the academic year 2019-2020.
3. To prepare and approve curriculum of M.Sc.-I Semester-I and Semester-II (2019 pattern) to be implemented from the academic year 2019-2020.
4. To prepare and approve curriculum of certificate courses for UG and PG programmes as per 2019 pattern.
5. To discuss and incorporate the relevant feedbacks of the stakeholders (students, teachers, parents, alumni and employers) in the curriculum.

As per the minutes of the meeting of the Board.




  
Chairman  
Board of Studies in Botany

## BOARD OF STUDIES IN BOTANY

### ATTENDANCE

The first Meeting of Board of Studies in Botany was held on 08<sup>th</sup> April, 2019 at  
11.00 am and following members were present for the meeting :

- 1) Prin. Dr. Chandrashekhar Murumkar
- 2) Dr. Shashikant Chavan - Member
- 3) Dr. Bhagwan Mali - Member
- 4) Dr. Mahadev Kanade - Member
- 5) Dr. Ajit Telave - Member
- 6) Dr. Rupali Chitale - Member
- 7) Dr. Smt. Madhuri Patil - Member
- 8) Prof. Dr. M. M. Sardesai - Member (Expert from SPPU, Pune)
- 9) Dr. V. B. Shimpale - Member (Expert from other university)
- 10) Dr. M. V. Gokhale - Member (Expert from other university)
- 11) Dr. V. V. Kedage - Member (Representative from Industry)
- 12) Dr. Ganesh Khamgal (Invitee) - Member (Representative from Industry)
- 13) Dr. B.P. Kalgaonkar - Member (Meritorious Alumni)
- 14) Dr. G. C. Nikalje - (Invitee) - Member (Meritorious Alumni)

  
Chairman, BoS Botany



## MINUTES OF THE MEETING

The meeting of Board of Studies in Botany was successfully held on 08/04/2019 at 1:00 pm 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 Dr. Chandrashekhar Murumkar, 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 design and approve course and credit structure for the B.Sc. and M. Sc. programme in accordance with 2019 pattern.

The board carefully designed course and credit structure for the B. Sc. and M. Sc. programme to be implemented from the academic year 2019-2020.

Class	Pattern	Semester	Course Code	Course Title	No. of Credits	Course type
F.Y. B. Sc.	2019	I	BOT 1101	Plant Diversity	02	Theory
			BOT 1102	Applications of Botany - I	02	Theory
			BOT 1103	Practical I	02	Practical
		II	BOT 1201	Angiosperm Morphology	02	Theory
			BOT 1202	Applications of Botany - II	02	Theory
			BOT 1203	Practical II	02	Practical
S.Y. B. Sc.	2019	III		Certificate Course		
			BOT2301	Angiosperms Taxonomy	03	Theory
			BOT2302	Plant Physiology	03	Theory
		IV	BOT 2303	Practical I	02	Practical
				Certificate Course		
			BOT2401	Anatomy and Embryology	03	Theory
T.Y. B. Sc.	2019	V	BOT2402	Plant Ecology	03	Theory
			BOT 2403	Practical II	02	Practical
				Certificate Course		
			BOT3501	Cryptogamic Botany (Algae, Fungi, Bryophytes and Pteridophytes)	03	Theory
			BOT3502	Spermatophyta and Palaeobotany	03	Theory



			BOT3503	Cell and Molecular Biology	03	Theory
			BOT3504	Industrial Botany	03	Theory
			BOT3505	Biostatistics	03	Theory
			BOT3506	Research Methodology	03	Theory
			BOT 3507	Practical I	02	Practical
			BOT3508	Practical II	02	Practical
			BOT3509	Practical III	02	Practical
	VI		BOT3601	Plant Physiology and Biochemistry	03	Theory
			BOT3602	Plant Biotechnology	03	Theory
			BOT3603	Genetics and Plant Breeding	03	Theory
			BOT3604	Plant Pathology	03	Theory
			BOT3605	Pharmacognosy	03	Theory
			BOT3606	Botanical Techniques	03	Theory
			BOT3607	Practical I	02	Practical
			BOT3608	Practical II	02	Practical
			BOT3609	Project	02	Practical

Class	Pattern	Semester	Course Code	Course Title	No. of Credits	Course Type
M.Sc. I	2019	I	BOT4101	Plant Systematics - I	04	Theory
			BOT4102	Cell Biology	04	Theory
			BOT4103	Genetics and plant Breeding	04	Theory
			BOT4104	Advanced Botanical techniques	04	Theory
			BOT4105	Practical based on BOT4101 and BOT4102	04	Practical
			BOT4106	Practical based on BOT4103 and BOT4104	04	Practical
		II	BOT4201	Plant Systematics - II	04	Theory
			BOT4202	Plant Physiology and Biochemistry	04	Theory
			BOT4203	Molecular Biology and Genetic	04	Theory
			BOT4204	Plant Ecology and Biodiversity	04	Theory
			BOT4205	Practical based on BOT4201 and BOT4202	04	Practical
			BOT4206	Practical based on BOT4203 and BOT4204	04	Practical
				Certificate Course		
M.Sc. II	2019	III	BOT5301	Angiosperms and Evolution	04	Theory
			BOT5302	Developmental Botany	04	Theory
			BOT5303	Computational Botany	04	Theory



			BOT5304	Elective Papers Advanced Mycology and Plant Pathology - II Advanced Physiology - II	04	Theory
			BOT5305	Practical based on BOT5301, BOT5302 and BOT5303	04	Practical
			BOT5306	Practical based on Elective Paper	04	Practical
				Certificate Course		
				Skill development course		
	IV		BOT5401	Plant Pathology	04	Theory
			BOT5402	Industrial Botany	04	Theory
			BOT5403	Plant Biotechnology	04	Theory
			BOT5404	Elective Papers 1) Advanced Mycology and Plant Pathology - II 2) Advanced Physiology - II	04	Theory
			BOT5405	Practical based on BOT5401, BOT5402 and BOT5403	04	Practical
			BOT5406	Project	04	Project
				Skill development course		

**Resolution No. 1:** The course and credit structure for the B.Sc. and M. Sc. programme (2019 pattern) has been unanimously approved by all members of the BOS.

**2.** To prepare and approve curriculum of F. Y. B. Sc. Semester I and Semester II (2019 pattern) to be implemented from the academic year 2019-2020.

Class	Pattern	Semester	Course Code	Course Title	No. of Credits	Course type
F.Y. B. Sc.	2019	I	BOT 1101	Plant Diversity	02	Theory
			BOT 1102	Applications of Botany - I	02	Theory
			BOT 1103	Practical I	02	Practical
		II	BOT 1201	Angiosperm Morphology	02	Theory
			BOT 1202	Applications of Botany - II	02	Theory
			BOT 1203	Practical II	02	Practical
S.Y. B. Sc.	2019	III	BOT2301	Angiosperms Taxonomy	03	Theory
			BOT2302	Plant Physiology	03	Theory
			BOT 2303	Practical I	02	Practical
		IV	BOT2401	Anatomy and Embryology	03	Theory
			BOT2402	Plant Ecology	03	Theory
			BOT 2403	Practical II	02	Practical



F.Y. B.Sc., Semester - I, Paper - I : Plant Diversity was discussed by Dr. S. J. Chavan and Dr. M. B. Kanade, Paper - II : Applications of Botany - I was discussed by Dr. B. S. Mali and Dr. A. B. Telave, Semester - II, Paper - I : Angiosperm Morphology was discussed by Dr. Mrs. R. D. Chitale and Paper - II : Applications of Botany - II was discussed by Dr. A. B. Telave and Dr. Mrs. M. P. Patil.

Our BoS members Dr. V. B. Shimpale, Dr. M. V. Gokhale and Dr. B. P. Kalgaonkar remained absent for the meeting but they have sent their suggestions regarding the F. Y. B. Sc. and M.Sc. syllabus by e-mail to BoS Chairman. Prin. Dr. Chandrashekhar Murumkar read those suggestions and accordingly, relevant changes were made in the syllabus. BoS member Dr. G. C. Nikalje given suggestions for recent techniques to be introduced in syllabus as per the NET and SET exams.

**Resolution No. 2:** The curriculum for F.Y. B.Sc. Semester - I and Semester - II (2019 pattern) has been unanimously approved by all members of the BOS.

**3. To prepare and approve curriculum of M. Sc. I Semester I and Semester II (2019 pattern) to be implemented from the academic year 2019-2020.**

Class	Pattern	Semester	Course Code	Course Title	No. of Credits	Course Type
M.Sc. I	2019	I	BOT4101	Plant Systematics - I	04	Theory
			BOT4102	Cell Biology	04	Theory
			BOT4103	Genetics and plant Breeding	04	Theory
			BOT4104	Advanced Botanical techniques	04	Theory
			BOT4105	Practical based on BOT4101 and BOT4102	04	Practical
			BOT4106	Practical based on BOT4103 and BOT4104	04	Practical
		II	BOT4201	Plant Systematics - II	04	Theory
			BOT4202	Plant Physiology and Biochemistry	04	Theory
			BOT4203	Molecular Biology	04	Theory
			BOT4204	Plant Ecology and Biodiversity	04	Theory
			BOT4205	Practical based on BOT4201 and BOT4202	04	Practical
			BOT4206	Practical based on BOT4203 and BOT4204	04	Practical

M.Sc., Semester - I, Paper - I : Plant Systematics I was discussed by Dr. S. J. Chavan, Paper - II : Cell Biology was discussed by Dr. A. B. Telave, Paper III: Genetics and Plant Breeding by Dr. R. D. Chitale and Paper IV: Advanced Botanical Techniques by Dr. B. S. Mali. Semester - II, Paper - I : Plant Systematics II was discussed by Dr. M. B. Kanade, Paper - II : Plant Physiology and Biochemistry by Dr. B. S. Mali, Paper - III : Molecular Biology and



Genetic Engineering by Dr. M. P. Patil, Paper IV- Plant Ecology and Biodiversity was discussed by Dr. A. B. Telave.

**Resolution No. 3:** The curriculum for M.Sc.-I Semester-I and Semester-II (2019 pattern) has been unanimously approved by all members of the BOS.

**4. To prepare and approve curriculum of certificate courses for UG and PG programmes as per 2019 pattern.**

Dr. B. S. Mali discussed the syllabus of certificate courses of 32 lectures having 02 credits each and unanimously the following courses were identified for the UG classes :

- a) Modern Agronomy
- b) Post harvest management and value addition of fruits and vegetables
- c) Gardening and Landscaping
- d) Seed Technology

**Resolution No. 4:** The curriculum of certificate courses for UG and PG programmes as per 2019 pattern has been unanimously approved by all members of the BOS.

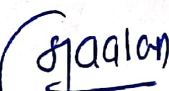
**5. To discuss and incorporate the relevant feedbacks of the stakeholders (students, teachers, parents, alumni and employers) in the curriculum.**

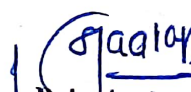
The Chairman initiated the discussion by highlighting the importance of incorporating feedback from both Alumni and current students in the syllabus design process. The department created a curriculum feedback form and distributed it to students, teachers, parents, alumni, and employers. Subsequently, 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. and M. Sc. Botany.

**Resolution No. 5:** Considered and Approved

The meeting of BOS concluded with the vote of thanks by Dr. S. J.Chavan.

  
Chairman  
Board of Studies

  
IQAC  
Coordinator

  
Principal

