



Anekant Education Society's

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

**DEPARTMENT OF ZOOLOGY**

(Faculty of Science and Technology)

**Minutes of Board of Studies Meeting No.1**

**Date of Meeting: 09/04/2019**

**Venue: Department of Zoology**

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April, 2019

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

Department of Zoology

**AGENDA OF THE MEETING**

The agenda of the meeting included the following subjects:

1. To design and approve course and credit structure for the B.Sc. and M. Sc. program in accordance with 2019 pattern.
2. To prepare and approve curriculum of F.Y.B.Sc. (Zoology) Semester-I (2019 pattern) to be implemented from the academic year 2019-2020.
3. To prepare and approve curriculum of M.Sc.-I (Zoology) Semester-I (2019 pattern) to be implemented from the academic year 2019-2020.
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.

  
Chairman  
Board of Studies

**Anekant Education Society's**  
**Tuljaram Chaturchand College, Baramati**  
**(Autonomous)**  
**Department of Zoology**  
**List of Members Presented for the BOS Meeting**

The following internal and external BoS members were attended the Board of Studies (Zoology) meeting through online/offline mode held on 09<sup>th</sup> April, 2019.

Sr. No.	Name of Member	Designation
1.	<b>Dr. Ravindrakumar G. Kudale,</b> Head & Associate Professor, Department of Zoology, T. C. College, Baramati.	Chairman
2.	<b>Mrs. Sucheta S. Doshi</b> Associate Professor, Department of Zoology, T. C. College, Baramati	<i>Ad hoc</i> Member
3.	<b>Dr. Vitthal B. Nale</b> Assistant Professor, Department of Zoology, T. C. College, Baramati	Internal Member
4.	<b>Mr. Sandip P. Chordiya</b> Assistant Professor, Department of Zoology, T. C. College, Baramati	Internal Member
5.	<b>Dr. Yogesh B. Gaikwad</b> Assistant Professor, Department of Zoology, T. C. College, Baramati	Internal Member
6.	<b>Mr. Mahadev B. Atole</b> Assistant Professor, Department of Zoology, T. C. College, Baramati	Internal Member
7.	<b>Mr. Ganesh S. Bose</b> Assistant Professor, Department of Zoology, Dada Patil College, Karjat, Ahmednagar	Internal Member
8.	<b>Mr. Sachin Londhe</b> Assistant Professor, Department of Zoology, University of Mumbai, Mumbai.	Internal Member
9.	<b>Mr. Mubin Shaikh</b> Assistant Professor, Department of Zoology, University of Mumbai, Mumbai.	Internal Member
10.	<b>Dr. A. D. Padhye</b> Associate Professor, Abasaheb Garware College, Pune	Member, Expert from SPPU, Pune
11.	<b>Dr. Sanjay K Gaikwad,</b> Bharati Vidyapeeth, Pune	Member, Other Universities
12.	<b>Dr. P. S. Lohar,</b> KBCNMU, Jalgaon	Member, Other Universities
13.	<b>Mr. Bipin Jagtap, Dy.</b> Director, Khadi Gramodyog, GoM.	Member, Alumni
14.	<b>Dr. Chanda Nimkar,</b> Nimkar Agricultural Institute, Phaltan.	Member, Industry
15.	<b>Ms. Sharvari V. Shah</b>	PG Student
16.	<b>Ms. Sanjushri J. Tambe</b>	UG Student

## **AGENDA OF THE MEETING**

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

1. To design and approve the course and credit structure for the B.Sc. and M. Sc. program in accordance with 2019 pattern.
2. To prepare and approve curriculum of F.Y.B.Sc. (Zoology) Semester-I (2019 pattern) to be implemented from the academic year 2019-2020.
3. To prepare and approve curriculum of M.Sc.-I (Zoology) Semester-I (2019 pattern) to be implemented from the academic year 2019-2020.
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 Notice no. 266, dated 05/02/2019, issued by the college, the meeting of Board of Studies in Zoology was successfully held on 09<sup>th</sup> April, 2019 at 11:00 am in the Department of Zoology, T. C. College, Baramati. The meeting took place in offline mode, adhering to the guidelines and protocols set by the college under the guidance of Dr. **Ravindrakumar G. Kudale**, Chairman of the Board of Studies in Zoology. 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.

### **Resolution # 01: To design and approve course and credit structure for the B.Sc. and M.Sc. program in accordance with 2019 pattern.**

- 1) The meeting commenced with a detailed discussion on designing and approving the course and credit structure for the B.Sc. and M.Sc. programs in accordance with the 2019 pattern.
- 2) The credit structure of the same were unanimously finalized as given below-

Class	Pattern	Semester	Course Code	Course Title	Course Type	No. of Credits
<b>First Year</b>						
F.Y.B.Sc	2019	I	ZOO: 1101	Animal Systematics and Diversity -I	Theory	02
F.Y.B.Sc	2019	I	ZOO: 1102	Fundamentals of Cell Biology	Theory	02
F.Y.B.Sc	2019	I	ZOO: 1103	Zoology Practical-I	Practical	02
F.Y.B.Sc	2019	II	ZOO: 1201	Animal Systematics and Diversity -II	Theory	02
F.Y.B.Sc	2019	II	ZOO: 1202	Genetics	Theory	02
F.Y.B.Sc	2019	II	ZOO: 1203	Zoology Practical-II	Practical	02
			Certificate Course			
<b>Second Year</b>						
S.Y.B.Sc	2019	III	ZOO 2301	Animal Systematics and Diversity -III	Theory	03
S.Y.B.Sc	2019	III	ZOO 2302	Applied Zoology-I	Theory	03
S.Y.B.Sc	2019	III	ZOO: 2303	Zoology Practical-III	Practical	03
			Certificate			

			Course			
S.Y.B.Sc	2019	IV	ZOO 2401	Animal Systematics and Diversity -IV	Theory	03
S.Y.B.Sc	2019	IV	ZOO 2402	Applied Zoology-II	Theory	03
S.Y.B.Sc	2019	IV	ZOO: 2403	Zoology Practical-IV	Practical	03
			Certificate Course			
<b>Third year</b>						
T.Y.B.Sc	2019	V	ZOO 3501	Animal Systematics and Diversity -V	Theory	03
T.Y.B.Sc	2019	V	ZOO 3502	Mammalian Histology	Theory	03
T.Y.B.Sc	2019	V	ZOO 3503	Biochemistry	Theory	03
T.Y.B.Sc	2019	V	ZOO 3504	Environmental Biology & Toxicology	Theory	03
T.Y.B.Sc	2019	V	ZOO 3505	Parasitology	Theory	03
T.Y.B.Sc	2019	V	ZOO 3506	A] Cell Biology Or B] General Pathology	Theory	03
T.Y.B.Sc	2019	V	ZOO 3507	Zoology Practical-V	Practical	02
T.Y.B.Sc	2019	V	ZOO 3508	Zoology Practical-VI	Practical	02
T.Y.B.Sc	2019	V	ZOO 3509	Zoology Practical-VII	Practical	02
T.Y.B.Sc	2019	VI	ZOO 3601	Biological Techniques	Theory	03
T.Y.B.Sc	2019	VI	ZOO 3602	Mammalian Physiology & Endocrinology	Theory	03
T.Y.B.Sc	2019	VI	ZOO 3603	Genetics & Molecular Biology	Theory	03
T.Y.B.Sc	2019	VI	ZOO 3604	Organic Evolution	Theory	03
T.Y.B.Sc	2019	VI	ZOO 3605	General Embryology	Theory	03
T.Y.B.Sc	2019	VI	ZOO 3606	A] Medical Entomology OR B] Public Health & Hygiene	Elective Theory	03
T.Y.B.Sc	2019	VI	ZOO 3607	Zoology Practical-VIII	Practical	02
T.Y.B.Sc	2019	VI	ZOO 3608	Zoology Practical-IX	Practical	02
T.Y.B.Sc	2019	VI	ZOO 3609	Minor Research Project	Project	02
<b>M.Sc. I</b>						
M. Sc.	2019	I	ZOO:4101	Biochemistry & Bioenergetics	Theory	04
M. Sc.	2019	I	ZOO:4102	Cell Biology and Genetics	Theory	04
M. Sc.	2019	I	ZOO:4103	Fresh Water Zoology & Ichthyology	Theory	04
M. Sc.	2019	I	ZOO:4104	Skills in Scientific Communication & Writing & Biostatistics	Theory	04
M. Sc.	2019	I	ZOO:4105	Practicals Corresponding to ZOO:4101 and ZOO:4102	Practical	02

M. Sc.	2019	I	ZOO:4106	Practicals Corresponding to ZOO:4103 and ZOO:4104	Practical	02
M. Sc.	2019	II	ZOO:4201	Molecular Biology	Theory	04
M. Sc.	2019	II	ZOO:4202	Developmental Biology	Theory	04
M. Sc.	2019	II	ZOO:4203	Comparative Animal Physiology and Endocrinology	Theory	04
M. Sc.	2019	II	ZOO:4204	Biological Techniques	Theory	04
M. Sc.	2019	II	ZOO:4205	Practicals Corresponding to ZOO:4201 and ZOO:4202	Practical	02
M. Sc.	2019	II	ZOO:4206	Practicals Corresponding to ZOO:4203 and ZOO:4204	Practical	02
<b>M.Sc. II</b>						
M. Sc.	2019	III	ZOO:5301	Entomology- I / Animal Physiology- I / Genetics- I	Theory	04
M. Sc.	2019	III	ZOO:5302	Insect Physiology, Biochemistry and Ecology	Theory	04
M. Sc.	2019	III	ZOO:5303	Mammalian Reproductive Physiology and Histology & Histochemistry	Theory	04
M. Sc.	2019	III	ZOO:5304	Economic Zoology	Theory	04
M. Sc.	2019	III	ZOO:5305	Practicals Corresponding to ZOO:5301, ZOO:5302	Practical	02
M. Sc.	2019	III	ZOO:5306	Practicals Corresponding to ZOO:5303, ZOO:5304	Practical	02
M. Sc.	2019	IV	ZOO:5401	Entomology- II / Animal Physiology- II / Genetics- II	Theory	04
M. Sc.	2019	IV	ZOO:5402	Immunology and Parasitology	Theory	04
M. Sc.	2019	IV	ZOO:5403	Pest Control and toxicology	Theory	04
M. Sc.	2019	IV	ZOO:5404	Environmental Biology and Animal Systematics & Diversity	Theory	04
M. Sc.	2019	IV	ZOO:5405	Practicals Corresponding to : ZOO:5401, ZOO:5402, ZOO:5403, ZOO:5404	Practical	02
M. Sc.	2019	IV	ZOO:5406	Research Project	Project	02

**Resolution # 02: To prepare and approve curriculum of F.Y.B.Sc. (Zoology) Semester-I (2019 pattern) to be implemented from the academic year 2019-2020.**

- 1) The committee discussed and reviewed the proposed curriculum for F.Y.B.Sc. Semester-I as per the 2019 pattern.
- 2) In case of ZOO 1101, Animal Systematics & Diversity-I, Dr. Padhye suggested to increase the assigned lecture numbers to the subunit comprising Vermiculture and assign it the status as a separate unit. This was unanimously accepted.
- 3) Dr. Padhye suggested to include the study of cyclosis in the Unit comprising Study of *Paramoecium*.
- 4) Ms. Shah suggested to include the practical based on *Drosophila* culture. This suggestion was accepted unanimously.

**Resolution # 03: To prepare and approve curriculum of M.Sc. (Zoology) Semester-I (2019 pattern) to be implemented from the academic year 2019-2020.**

- 1) Dr. Lohar suggested some reference books to be included in the list of references and those were included accordingly.
- 2) Dr. Gaikwad suggested to increase the number of lectures allotted to subunit 2.4 from 6L to 8L. This suggestion was accepted unanimously.

**Resolution # 04: To discuss and incorporate the relevant feedbacks of the stakeholders (students, teachers, parents, alumni and employers) in the curriculum.**

All the suggestions from feedback were discussed thoroughly and relevant suggestions were accepted unanimously.

**Resolution # 04: Any other issue with the permission of the chair**

Dr. Lohar, Dr. Padhye & Dr. Gaikwad suggested to design the certificate courses based on applied aspects of Zoology and this suggestion was accepted unanimously.

The meeting of BoS concluded with the vote of thanks by Mrs. Sucheta Doshi.



**Chairman  
Board of Studies**



**IQAC  
Coordinator**



**Principal**



**Coordinator**  
Internal Quality Assurance Cell  
Tuljaram Chaturchand College of  
Arts, Science and Commerce,  
Baramati (Pune)-413102

**Principal**  
Tuljaram Chaturchand College  
Baramati