



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.04

Date of Meeting: 04 December 2021

Venue: Online Mode (Google Meet)

December, 2021



**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 confirm the minutes of the previous meeting held on 23rd March 2021
2. To prepare and approve curriculum of T.Y.B.Sc. Semester-VI (2019 pattern) to be implemented from the academic year 2021-2022.
3. To prepare and approve the curricula of certificate courses.
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 BoS Members**

The following internal and external BoS members attended the Board of Studies (Zoology) meeting through online mode held on 04th December, 2021.

Sr. No.	Name of Member	Designation
1.	Mr. Sandip P. Chordiya Head & Assistant Professor, Department of Zoology, T. C. College, Baramati.	Chairman
2.	Dr. Vitthal B. Nale Assistant Professor, Department of Zoology, T. C. College, Baramati	Internal Member
3.	Dr. Sanjay K Gaikwad, Associate Professor, Bharati Vidyapeeth, Pune	Member, Other Universities
4.	Dr. P. S. Lohar, Associate Professor, KBCNMU, Jalgaon	Member, Other Universities
5.	Mr. Bipin B. Jagtap, Dy. Director, Cottage & Village Industry, GoM, Mumbai	Meritorious Alumni



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MINUTES OF THE MEETING

As per the notice issued by the college, the meeting of Board of Studies in Zoology was successfully held on 04th December, 2021 at 11:00 am in online mode via Google Meet. Meeting was conducted adhering to the guidelines and protocols set by the college under the Chairmanship of Mr. **Sandip P. Chordiya**, Chairman of the Board of Studies in Zoology. Covid-19 protocols were strictly followed during the meeting. 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.

01) To confirm the minutes of previous BoS meeting held on 23rd March 2020.

Resolution # 01 Minutes of the previous meeting were read by Mr. Sandip Chordiya and same were confirmed unanimously.

02) To prepare and approve curriculum of T.Y.B.Sc. Semester-VI (2019 pattern) to be implemented from the academic year 2021-2022.

Resolution # 02: Curriculum of T.Y.B.Sc. (Zoology) Semester-VI (2019 pattern) was discussed thoroughly.

Class	Pattern	Semester	Course Code	Course Title	Course Type	No. of Credits
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



Summary of the discussion is as follows and as per discussion, the curriculum was finalized and accepted unanimously.

Paper Code	Title	Name of member	Suggestion	Status of suggestion
ZOO 3601	Biological Techniques	Dr. S. K. Gaikwad	Unit: 01 Remove Ion-Exchange & Gel Filtration Chromatography	Only Gel Filtration Chromatography was removed unanimously.
		Dr. P.S. Lohar	Unit: 02 Remove Simple & Compound Microscopy	Removed unanimously as it is covered in FYBSc practicals.
ZOO 3602	Mammalian Physiology & Endocrinology	Dr. S. K. Gaikwad	Unit: 02 Add types of respiration	It was rejected unanimously.
		Dr. P. S. Lohar	Unit: 3 Add Myocardial Infarction	Accepted unanimously
		Dr. Lohar	Unit: 05 Add Tetanus	Accepted unanimously
		Dr. Lohar	Unit: 08 Add cAMP pathway.	Cascade mechanism has to be explained. Hence no need to mention separately.
ZOO 3603	Genetics & molecular Biology	Dr. S. K. Gaikwad Dr. P. S. Lohar	Unit: 05- Add info of HIV/Covid-19	Rejected: irrelevant to the unit title.
		Dr. S. K. Gaikwad	Unit: 05- Include info of Barr bodies as an example of heterochromatin	Accepted unanimously
		Dr. P. S. Lohar	Unit: 06- Change title as Post-transcriptional Modifications of RNA	Accepted unanimously
ZOO 3604	Organic Evolution	Nil		
ZOO 3605	General Embryology	Dr. S. K. Gaikwad	Unit: 03 Remove T. S. of Sperm	Kept as it is unanimously
			Unit: 08 Add Human placenta & implantation	Rejected unanimously
ZOO 3606	a) Medical Entomology OR b) Public Health & Hygiene	Nil		
ZOO 3607	Zoology Practical- VIII	Nil		
ZOO 3608	Zoology Practical- IX	Nil		
ZOO 3609	Research Project	Nil		

03) To prepare and approve the curricula of certificate courses.



Resolution # 03: There was thorough discussion on the syllabi of various certificate courses. Summary of the discussion is as follows: All the courses are of 2 credits each. All the proposed certificate courses were unanimously finalised for inclusion in the curricula.

Certificate Courses (2 credits each)	1. Computer Aided Drug Design (For P.G. students of life sciences & chemical sciences)	Dr. Lohar & Dr. S. K. Gaikwad appreciated the course structure and syllabus and no substantial changes were suggested. Only change in name of course – Mathematics in Life Sciences was suggested as Biomathematics. But after discussion, original name was finalized.
	2. Techniques in Molecular Biology (For P. G. students of life sciences)	
	3. Nano-biology & Nano-Medicines (For P. G. students of life sciences)	
	4. Mathematics In Life Sciences (For U. G. students of B. Sc.)	

Resolution # 03: Curricula of the certificate courses were discussed in detail and were accepted unanimously.

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

Resolution # 05: All the suggestions from feedback were discussed thoroughly and relevant suggestions were accepted unanimously.

05) Any other issue with the permission of the chair

None of the member raised any incidental issue.

Finally, the meeting was concluded with the vote of thanks. The vote of thanks was proposed by Mr. Sandip Chordiya.

**Chairman
Board of Studies**

**IQAC
Coordinator**

Coordinator

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

**Principal
Tuljaram Chaturchand College
Baramati**

