

S.P. Mandali's
RAMNARAIN RUIA AUTONOMOUS COLLEGE,
MATUNGA, MUMBAI 400 019
SUBJECT BOARD – ZOOLOGY

Minutes of the meeting of the Board of Studies in Zoology

held on 22nd October 2020 at 3.00pm on Google meet

The 1st meeting of the Board of study in Zoology for the Academic year 2020-21 was held on 22nd October 2020 at 3.00pm online on Google meet. The following members attended the meeting:

External faculty members present for the meeting:

1. Dr. Anita Jhadav
2. Dr. Smita Mahale
3. Dr. B B Nayak
4. Dr. Sasikumar Menon
5. Ms. Isha Bopardikar

Internal faculty members of the Department present for the meeting:

1. Dr. Jessy Pius
2. Dr. Vaishali Phusate
3. Dr. Durga Patkar
4. Dr. Gargi Rane
5. Dr. Swati Deshmukh
6. Dr. Shakir Momin
7. Ms. Anjali Mali

Dr. Vijay Mayekar, Head, Department of Physics, was present as a special invitee for the meeting.



The meeting was hosted by Dr. Gargi Rane and the meeting was convened by Head of the Department of Zoology, Dr. Jessy Pius.

Agenda Item No. 2: To pass the Minutes of the earlier meeting.

The minutes of the meeting had been circulated to the members. No comments have been received. The minutes were confirmed.

Agenda Item No. 2: Action taken on the minutes of earlier meeting.

Discussed: Dr. Jessy Pius discussed the action taken by the department on the minutes of earlier meeting. All changes proposed in the UG and PG syllabus were incorporated and was passed. Though changes in the Modalities of assessment were passed in the previous BoS meeting, they could not be incorporated due to the present pandemic scenario. Dr. Pius also discussed the addition of PO, PSO and CO in the UG and PG syllabus.

Agenda Item No. 3 : To Review the question papers

Discussed: Question paper audit of UG Sem 1, 3 and 5 as well as PG Sem 1 and 3 was done by the Department and question papers along with the Blueprint were presented to the external member.

Ms. Anjali Mali presented PG question papers to the BoS members. Ms. Isha Bopardikar suggested that taxonomy and oceanography courses in MSc could have more application-based questions. Dr. Durga Patkar and Dr. Gargi Rane presented UG papers to the BoS members which were passed by the members.

Resolved that: necessary changes would be made in the question papers

Agenda Item No. 4: To decide on the changes in the modalities of assessment (mode of examination, question paper pattern for internal and semester end examination/ practical/ projects in the current pandemic scenario)

Discussed: Considering the current pandemic situation Dr. Jessy Pius sought a BLANKET PERMISSION from the external members to change or modify the modalities of the examinations in this academic year in accordance with the University and/ Government guidelines.



Resolved that : All the external members agreed and gave blanket permission to change and modify the examination modalities and also the projects given to the TYBSc and MSc students for dissertation.

Agenda Item No. 5: Any other matter with permission of the Chair.

Since the approval for proposed certificate course was not included in the Agenda, It was put forth with the permission of the chair.

Discussed: The department proposed a certificate course in ‘Underwater Acoustic Surveys’ sanctioned by UGC, NSQF level-8. The course will be conducted in collaboration with the department of Physics, Ramnarain Ruia Autonomous College and in collaboration with Maritime Research Centre, Pune.

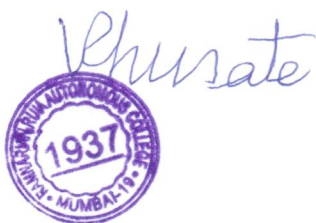
The proposed certificate course was presented in front of the members by Dr. Sasikumar Menon and discussed. Dr. Vijay Mayekar, Head department of Physics also informed the committee, the infrastructure available with the department with respect to the Physics part of the syllabus.

Resolved that: The proposed certificate course was approved by BoS. Isha Bopardikar suggested addition of ecological component in the proposed course.

Dr. Jessy Pius thanked all the BoS members for attending the e- meeting and giving valuable suggestions. The meeting was then concluded.



Dr. Jessy Pius
Associate Professor & Head,
Department of Zoology



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SUBJECT BOARD – ZOOLOGY
MEETING OF THE SUBJECT BOARD – 18th May 2021
at 11.00am on Zoom

The 2nd meeting of the Board of study in Zoology for the Academic year 2020-21 was held on 18-May 2021 at 11:00 am online on Zoom platform. The following members attended the meeting:

External faculty members present for the meeting:

1. Dr. Anita Jhadav
2. Dr. B B Nayak
3. Dr. Smita Mahale
4. Dr. Sasikumar Menon
5. Ms. Isha Bopardikar

Internal faculty members of the Department present for the meeting:

1. Dr. Jessy Pius
2. Dr. Vaishali Phusate
3. Dr. Durga Patkar
4. Dr. Gargi Rane
5. Dr. Swati Deshmukh
6. Dr. Shakir Momin
7. Ms. Anjali Mali

The online meeting was convened by Head of the Department of Botany, Dr. Jessy Pius.

Agenda Item No. 1: To pass the Minutes of the meeting held on 22nd October 2020 at 3.00pm on Google meet

The minutes of the meeting had been circulated to the members. No comments have been received. The minutes were confirmed by all External BoS members.

Agenda Item No. 2: Action taken on the minutes of earlier meeting.

Dr. Jessy Pius discussed the action taken by the department on the minutes of earlier meeting. All the actions decided in the earlier meeting were fulfilled by the department.

- MSc- I & II - 20 M class test (MCQ)
- Projects of MSc Part II students- Due to pandemic instead of Project students completed one online Coursera course and Literature review.



Agenda Item No. 3: To propose the changes in the syllabi and approve the same for UG.

Discussed: UG syllabus

- Semester 3, Gastrulation was spelled out properly.
- Semester 6, Urinogenital system term was used instead of Excretory and Reproductive system, for keeping the uniformity of the syllabus.

Resolved that: All proposed changes have been approved by BoS external members

Agenda Item No. 4: To propose the changes in the syllabi and approve the same for PG.

Discussed: M.Sc. Part I (Sem I and II) proposed changes

Dr. Jessy Pius asked Ms. Anjali Mali to explain the proposed changes with justification to the BoS members.

Minor changes in some of the units as follows:

- RPSZOO103, Unit 4-Regeneration as a replay of development stages
- RPSZOO104, Unit 1-Review of literature: Library, Catalogue, Classification of books, Journals, Impact factor of journals, Reprints, Preparation of index cards, Biosafety Cabinets, Plagiarism
- RPSZOO 203, nit 1-Ribosome Formation of initiation complex, Initiation factors & their regulation, Aminoacylation of tRNA, t-RNA identity, Aminoacyl of tRNA synthetase, Translational proof reading

Suggestions from the external members:

- Dr. Mahale suggested that some basic topics in the syllabus can be converted to self-study topics.
- Dr. Menon said to keep both Daphnia / Rotifer in the practical
- Practical regarding 'Temperature of water loss in cockroach': and Carbohydrate content in Mammalian gut can be removed.
- Make a mention of Biosafety, level I, II and III etc, according to DBT guidelines. Add pictures of Biosafety cabinets with respect to I, II and III levels for practicals.
- In Library science: Plagiarism can be added in the practical.
- Retain Post translational modifications

Resolved that: All proposed changes approved by BoS external members were incorporated in the syllabus.

Agenda Item No. 5: To propose the changes in the syllabi and approve the same for M.Sc. Part II (Sem III and IV)

Discussed: M.Sc. Part II (Sem III and IV) proposed changes



Semester III

RPSZOP301

- Suggestion by Dr. Menon : Add variations to practical in Sphygmomanometer:BP after various types of activities

RPSZOP303

- Dr. Menon suggested: Add veterinary reproductive collection techniques,so that they can uptake the internships in veterinary colleges.
- Dr. Smita Mahale suggested: Unit 3: name it as Assisted reproductive techniques.

RPSZOP304:

- Introduced Internship / Project, in Industries / Academic / Research Institutions in Semester III(RPSZOP304, RPSZOP P 303+304- total 8 credits and 200Marks)

RPSZOP401

- Title of the paper finalized as : Animal Biotechnology.
- Dr. Menon suggested: Animal ethics and CPCACA guidelines in Unit 1

RPSZOP402

- Dr. Menon suggested: Awakening to Hibernation and Diapause in Unit 1

RPSZOP403

- Dr. Smita Mahale suggested: Steroid hormones and protein hormones, Cell surface receptors
- In Phylogeny and Ontogeny: add Pineal gland

RPSZOP404

- Finalised the Title of the paper as Biological rhythm and Ecophysiology

Resolved that: All proposed changes have been approved by BoS external members and incorporated in the syllabus

Agenda Item No. 6: To decide on the changes in the modalities of assessment

Dr. Jessy Pius sought a BLANKET PERMISSION from the external members regarding changes in the modalities of assessment (mode of exam, question paper pattern for internal & external exam/ practical exam/ project/ internship considering the current pandemic scenario) in the coming academic year too(2021-22) . Special permission was sought for shifting the project of PG students from sem III to sem IV according to the Pandemic condition.

All the external members agreed and gave the blanket permission to change and modify the examination modalities and also the project part of M Sc part II students either in Semester III or in IV according to the pandemic situation.

Agenda Item No. 7: To review the feedback of students on curriculum.



Dr. Jessy Pius discussed the curriculum feedback taken from the UG and the PG students. She also mentioned the most of the suggestions have been incorporated in the current proposed syllabus.

- **Agenda Item No. 7: Any other matter with permission of the Chair**

No other matter was discussed. Dr. Jessy Pius thanked all the BoS members for attending the meeting on Zoom and the meeting was concluded.



Dr. Jessy Pius
Associate Professor & Head,
Department of Zoology
20th May 2021

