

RAMNARAIN RUIA AUTONOMOUS COLLEGE, MATUNGA, MUMBAI-19

Minutes of the meeting of the Board of Studies in Subject Zoology

The meeting of the Board of Studies (BoS) in Zoology for the Academic year 2022-23 was held on 22nd June 2023 from 10.30 am to 12.40. pm on Google Meet link

<https://meet.google.com/crk-uxox-kpv>

The following members attended the meeting

• **External members present for the meeting**

Sr. No.	Name	Members
1.	Dr. Subhash Donde (Department of Zoology, Kirti M. Doongursee College, Mumbai)	Subject Expert, Vice-Chancellor Nominee, University of Mumbai.
2.	Dr. Binaya Nayak (Principal Scientist and Head, Fisheries Resources, Harvest and Post-Harvest technology Division, Central Institute of Fisheries Education, Mumbai.)	Subject Expert form outside parent University
3.	Dr. Ramesh Chondekar (Associate Professor, Department of Zoology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.)	Subject Expert form outside parent University
4.	Ms. Suchitra Naik (Embryologist, Lilavati Hospital, mumbai)	Meritorious alumnus

Leave of absence was granted to Mr. Akshay Nachane (Representative from Industry)

• **Internal faculty members of the Department present for the meeting.**

1. Dr. Vaishali Phusate -HoD
2. Dr. Durga Patkar
3. Dr. Gargi Rane
4. Dr. Swati Deshmukh
5. Dr. Shakir Momin
6. Ms. Anjali Mali
7. Pro. (Dr.) Jessy Pius – representative for College Academic Dean





The online BoS meeting was convened by Dr. Vaishali Phusate. She welcomed and introduced the members. The following agenda for the meeting was mailed to all, again informed at the beginning of the meeting.

- To pass the Minutes of the meeting held on 13th April 2023.
- To present the board, the proposed credit system for the Four-Year Undergraduate Program (B.Sc.) and the Post Graduate Program (M.Sc.), aligning with the guidelines outlined in NEP2020, commencing from the Academic Year 2023-24.
- To seek approval for the Zoology syllabus of the first-year of undergraduate program (Semester I and II) courses, and Postgraduate Program (Semester I) courses including the courses offered for the subject, Generic Elective or Open Elective Courses, Ability Enhancement Courses, Skill Enhancement Courses, and Vocational Skill Enhancement Courses, Discipline specific Core Courses and Discipline specific elective Courses (whichever is applicable) for the Academic Year 2023-24.
- To seek approval for the modifications in the assessment methods, including changes to the question paper pattern for internal and semester-end examinations, as well as the evaluation process for Semester End examinations (Theory/Practical, as applicable).
- Any other matter with the permission of the Chair.

Each agenda was taken up.

Agenda Item No. 1: To approve the Minutes of the meeting held online on 13th April 2023 from 3.00 pm to 4.15 pm via Google Meet.

DISCUSSED and RESOLVED: The minutes of the meeting (MoM) had been mailed to the members. No comments have been received and approved by all the members. However, Dr. Binaya Nayak suggested a change for the sentence “given as an internal assignment going to hamper student’s creativity” in the MoM.

Dr. Vaishali Phusate assured Dr. Binaya Nayak that this statement will be changed.



Agenda Item No. 2: To present to the board, the proposed credit system for the Four-Year Undergraduate Program (B.Sc.) and the Post Graduate Program (M.Sc.), aligning with the guidelines outlined in NEP2020, commencing from the Academic Year 2023-24.

DISCUSSED: Dr. Vaishali Phusate informed background and explained the proposed credit system for the Four-Year Undergraduate Program (B.Sc.) and the Post Graduate Program. Dr. Binaya Nayak raised the question does all the colleges will same syllabus or different this was answered by Dr. Vaishali Phusate, Dr. Jessy Pius and Dr. Subhash Donde also Dr. Subhash Donde discussed FY credit pattern of Kirti College was and appreciated Ruia College credit system pattern.

RESOLVED: Agenda Item No. 2 was approved by the external BoS members.

Agenda Item No. 3: To seek approval for the Zoology syllabus of the first-year of undergraduate program (Semester I and II) courses, and Postgraduate Program (Semester I) courses including the courses offered for the subject, Generic Elective or Open Elective Courses, Ability Enhancement Courses, Skill Enhancement Courses, and Vocational Skill Enhancement Courses, Discipline specific Core Courses and Discipline specific elective Courses (whichever is applicable) for the Academic Year 2023-24.

DISCUSSED: Dr. Vaishali Phusate informed outline of Zoology FY Semester I and II topics thereafter Dr. Vaishali Phusate (FY Sem I Unit 1 and Sem II SEC), Dr. Durga Patkar (FY Sem I Unit 2 and Sem II VSC), Dr. Swati Deshmukh (FY Sem II Unit 1 and 2), Dr. Shakir (FY Sem I Unit 3 and Sem II Unit 3 and Practicals) and Ms. Anjali Mail (M.Sc Part I Sem I) presented

Following are the suggestion for FYBSc Sem I and Sem II

1. Dr. Subhash Donde suggested include *Taxoplasma gambia* in Unit 2
2. Dr. Ramesh Chondekar suggested "Efficiency of insects" to be included in Unit 3.
3. Dr. Binaya Nayak suggested term like major carp and 'Destructive fishing methods as well as freshwater prawn, *Macrobrachium rosenbergii*, marine prawn *Penaeus vannamei* to be included in the VSC theory. Also, add an Introduction to good laboratory practices in SEC theory.
4. Dr. Subhash Donde suggested adding the term interconversion for temperature scales and scope for Biostatistics

Following are the suggestion for M.Sc Part I Sem I and Sem II

Dr. Binaya Nayak suggested the changes in the Common Paper M.Sc I Sem I 1) More topics to be added in RPSZOO104 in Unit II of IPR 2) In RPSZOO106 Unit III reframing of Literature review: Search, query formulation and organization of review. Addition of References management tools: Using Mendeley/ EndNote/ Zotero.

RESOLVED: With the acceptance of all the suggestions, agenda Item No. 3 was approved by the BoS.



Agenda Item No. 4: To seek approval for the modifications in the assessment methods, including changes to the question paper pattern for internal and semester-end examinations, as well as the evaluation process for Semester End examinations (Theory/Practical, as applicable).

DISCUSSED and RESOLVED: Dr. Jessy Pius the committee member answered that the assessment methods work is in process it will be presented in the Academic Council and after that HoD will mail to the external members. Dr. Vaishali Phusate assured that assessment methods will be mailed to all external faculty.

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

Dr. Vaishali Phusate thanked all the BoS members for attending the meeting, co-operation, and giving valuable suggestions and concluded the meeting at 12.40 pm.

V Phusate

Dr. Vaishali Phusate

Associate Professor and Head,

Department of Zoology,

Ramnarain Ruia Autonomous College



S.P. Mandali's
RAMNARAIN RUIA AUTONOMOUS COLLEGE,
MATUNGA, MUMBAI 400 019
SUBJECT BOARD – ZOOLOGY
MEETING OF THE SUBJECT BOARD
Academic Year 2023-24

The 2nd meeting of the Board of studies in Zoology for the Academic year 2023-24 was held on **27th February 2024** at **02:00 pm** on **Online mode (Google Meet)**. The following members attended the meeting.

External members present for the meeting:

Dr. Subhash Donde
Dr. Binaya Nayak
Dr. Ramesh Chondekar
Mr. Akshay Nachane
Ms. Suchitra Naik

Internal faculty members of the Department present for the meeting:

Prof. Jessy Pius
Dr. Durga Patkar
Dr. Gargi Rane
Dr. Swati Deshmukh
Dr. Shakir Momin
Ms. Anjali Mali

Leave of absence was granted to Dr. Vaishali Phusate.

The meeting was convened by **Prof. Jessy Pius**.

The **Agenda** for the Meeting is as follows;

1. To pass the Minutes of the earlier meeting.
2. To seek approval for the syllabus of the second year UG (Semester III and IV) courses, including DSC, Minor, Skill Enhancement Courses, and Vocational Skill Courses for the Academic Year 2024-25 in accordance with frame work passed in the last meeting under NEP2020 guidelines
3. To seek approval for the syllabus of the second year PG (Semester III and IV) courses, including DSC, DSE, RP, OJT for the Academic Year 2024-25 in accordance with frame work passed in the last meeting under NEP2020 guidelines
4. Any other matter with the permission of the Chair



Minutes of the Meeting:

The online meeting was convened by Prof. Jessy Pius. Prof. Jessy Pius welcomed all the members

Agenda Item No. 1: To approve the Minutes of the meeting held on 18th May 2021 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 approved by all the members.

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.

Agenda Item No. 2: To seek approval for the syllabus of the second year UG (Semester III and IV) courses, including DSC, Minor, Skill Enhancement Courses, and Vocational Skill Courses for the Academic Year 2024-25 in accordance with frame work passed in the last meeting under NEP2020 guidelines

Discussed:

Prof. Jessy Pius explained and discussed the S Y curricular framework for UG programme with the credits allotted as per NEP 2020 framework from the academic year 2024- 25.

Prof. Pius described the credit structure of theory and practical for each course. The syllabus of second year Undergraduate program (Semester-III and Semester-IV) for the Academic Year 2023-24 was explained in detail by Dr. Swati Deshmukh.

Suggestions given by the external BoS members:

- Dr Subhash Donde sir suggested to include zoonotic disease and bushmeat consumption in parasitology unit.
- Dr Chondkar suggested to include life cycle of malarial parasite in parasitology unit.
- Dr Nayaks query on certain practical was clarified by Dr. Durga that those practicals will be done with the help of photographs.
- Dr. Nayak felt that for a 3credit paper syllabus proposed will be a bit heavy. Sir suggested the department to lessen the theory content.
- Mr. Akshay suggested to add precautionary measures or treatment after bee sting in Apiculture paper
- Dr Donde suggested to add the angle of differences in A1 and A2 milk in applied zoology practical

Resolved: that all the suggestions will be incorporated in the curriculum. All proposed changes have been approved by BoS external members and SY syllabus under NEP2020 was passed and approved by all the external BoS members

Agenda Item No. 3: To seek approval for the syllabus of the second year PG (Semester III and IV) courses, including DSC, DSE, RP, OJT for the Academic Year 2024-25 in accordance with frame work passed in the last meeting under NEP2020 guidelines

Discussed:



Prof. Jessy Pius explained the frame work and credit structure of second year PG theory and practical courses. The syllabus of second year PG program (Semester-III and Semester-IV) for the Academic Year 2024-25 was explained in detail by Ms. Anjali Mali

Suggestions:

- Dr Chondekar suggested that in Demonstration of virus inoculation for the demo practical use Albendazole.
- Dr Donde asked how we can take the above practical in exam to which Anjali Mali responded that the technique can be judged.
- Dr Donde suggested to add viable count part in ATC practical. He also suggested to add ACP and GST in ATC paper.
- Ms. Suchitra naik suggested to remove designer baby from syllabus and add AI IVF lab setting and 3 parent baby. It can be given as case studies to students.

Resolved : that all the suggestions will be incorporated in the curriculum. All proposed changes have been approved by BoS external members and M Sc semester III and IV syllabus under NEP2020 was passed and approved.

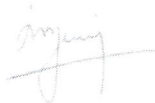
Agenda Item No. 4: Any other matter with the permission of the Chair

To appraise the BoS members the revised PG structure as per the guidelines issued by Incharge Director, Higher Education, of the revised PG structure and also some amendments in the FY structure suggested after review of UG curriculum. These amendments are passed by our Council of Science HoD's. Request the BoS members to give their comments/ approval for the same.

Resolved : that the revised PG structure was mailed to the members on 6th March2024 to get the approval for the same.

Revised PG structure as per the guidelines issued by Incharge Director, Higher Education and some amendments in the FY structure suggested after review of UG curriculum have been approved by BoS external members.

Dr. Jessy Pius thanked all the BoS members for attending the online meeting and for giving valuable suggestions. With this the meeting was concluded at 4.00pm.



Prof.(Dr.) Jessy Pius
I/C Head, Department of Zoology
7th March 2023

