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RAMA DEVI WOMEN'S UNIVERSITY, VIDYA VIHAR  
BHUBANESWAR-22

Proceeding of the meeting of the Board of Studies Life Sciences  
held on 14.07.21 at 11:00 am A.M / P.M. in the University Office,  
Bhoi Nagar, Bhubaneswar-22.

Members Present :

1. Prof. R.C. Mohanty, Retd. P.G. Dept. of Botany, Utkal University, BBSR
2. Prof. Pravatī Mohapatra, P.G. Dept. of Zoology, Utkal University, BBSR
3. Prof. Animesh Mohapatra, Dept. of Life Science, R.I.E, BBSR
4. Prof. C.C. Rath, Dept. of Life Sciences
5. Dr. S. Singh, Dept. of Life Sciences
6. Dr. S.K. Rath, Dept. of Life Sciences
7. Dr. M. Kumbhar, Dept. of Life Sciences
8. Dr. N. Kaur, Dept. of Life Sciences
9. Dr. A.P. Das, Dept. of Life Science
10. Dr. P. C. Paricha, Dept. of Zoology.

✓ Prof./ Dr. Prof. C. C. Rath is selected as Chairman of the Board for the Academic year 2021-22

The recommendations of the Board in respect of the Regulations, Detailed Syllabus, Text Books and other items are appended the prescribed form. The board authorised the Chairman to take any decisions at the time of implementation. The syllabus is model of an applicable for session 2021-2022. Ph.D. and M.A. Syllabus approved.

Signature of the Members:-

CHAIRMAN 14/7/2021

1. Chedi Choudhary Rath
2. Prabhakar
3. K. Mohanty
4. M. Kumbhar
5. S. Singh Shikhar
6. Parichha
7. Pravatī Mohapatra
8. Animesh Mohapatra

9. N. Kaur

PHD COURSEWORK SYLLABUS OF LIFE SCIENCES, RAMA DEVI  
WOMEN'S UNIVERSITY, 2021

satisfactory

OUTLINE OF THE SYLLABUS

Sl N o.	Paper	Course Title	Credit	Total Marks	Minimum Pass mark
1.	Paper-I (LS-01)	Research Methodology (75 marks) and Computer Application (25 marks)	04	100	55%
2.	Paper-II (LS-02)	Elective Courses	04	100	55%
3.	Paper-III (LS-03)	Literature Review (Evaluation through a write up and seminar presentation)	04	100	55%
4.	Paper- IV (LS-04)	Research and Publication ethics	04	100	55%
		Total	16	400	55%

*Smruti*      *Meharaj*      *P. S. S. S.*  
*SA* / 14/7/21      *S. S. S.* / 14-7-21

*S. S. S.*  
14/7/21

**Proceeding of the meeting of the Board of Studies of PG Life Sciences held on 13.05.2022 at 11:30 am in the CoE Exam Board Room, RDWU, Bhubaneswar**

A meeting of the Board of Studies of PG Life Sciences held on 13.05.2022, at 11:30 am in the CoE Exam Board Room, RDWU, Bhubaneswar. Dr. Shikha Singh as a head of the department chaired the meeting as the chairperson. Dr. Singh was elected as chair person by the committee.

**Members Present**

Prof. R.C. Mohanty, Retd. Prof. Dept. of Botany Utkal University	External member
Prof. Animesh Mohapatra, Dept. of Life Science, R.I.E., BBSR	External member
Dr. Sakti Kanta Rath, Assoc. Prof., Life Sciences	Internal Member
Dr. Navneet Kaur, Asst. Prof., Life Sciences	Internal Member
Dr. Mukta Mayee Kumbhar, Asst. Prof., Life Sciences	Internal Member
Dr. Alok Prasad Das, Asst. Prof., Life Sciences	Internal Member
Dr. Shikha Singh, Assoc. Prof., Head, Life Sciences	Chairman

**Matter discussed**

**Agenda 1:** To recommend the name with Contact No and specialization for Board of Conducting Examiners, Moderation Board & Paper Setters for the PG and Ph.D (Course Work) Examination 2022-23 in the prescribed format.

**Agenda 2:** To recommend the list of Examiners (External & Internal) for PG and Ph.D (Course Work) 2022-23.

**Agenda 3:** To examine the structure of PG syllabus in detail

**Agenda 4:** To frame the PG syllabus as per the new structure

**Agenda 5:** Introduction of non-credit skill-based certificate course

**Agenda 6:** To recommend the Syllabus of the PG and Ph.D (course work) Examination 2022

**Agenda 7:** Other Matters

At the outset, the Chairman appraised the committee about the agenda of the meeting. Based on the deliberation, the following was resolved:

**Resolution 1**

The committee discussed and recommended the name of the experts for Board of Conducting Examiners, Moderation Board & Paper Setters for the PG in Life Sciences (all semesters) and Ph.D. (Course Work) Examination 2022-23 in the newly modified structure of the courses of PG Life Sciences and PhD Course work.

#### **Resolution 2**

The committee discussed and recommended the list of Examiners (External & Internal) along with their contact details for Ph. D (Course Work) and the newly modified structure courses of PG Life Sciences of the year 2022-23.

#### **Resolution 3**

The committee deliberated the structure of PG syllabus in Life Sciences. The objectives and learning outcomes of each unit of each paper was discussed and finalized to include in the newly structured syllabus.

#### **Resolution 4**

The committee discussed the structure of PG syllabus in Life Sciences and unanimously modified the structure by adding following new modified papers into the syllabus:

- **Semester 1:** Cell biology, Microbiology, Bioinstrumentation, practical and computer application course by e-learning.
- **Semester 2:** Biochemistry, Molecular Biology, Ecology, Taxonomy & Evolution, Practical, Plant Diversity/Animal Diversity (as Choice based) and Human Health & Hygiene or MOOCs (SWAYAM, NPTEL) (as Choice based).
- **Semester 3:** Immunology, Genetics, Practical, Plant Physiology and Developmental Biology or Animal Physiology and Developmental Biology (as Choice based), Research Methodology or Waste management ((as Choice based) and Field Internship.
- **Semester 4:** Subject overview, Seminar, Dissertation, Dissertation Evaluation and Women and Society
- The total credit of the PG Structure in Life Sciences is enhanced to 103. The committee discussed, finalized and passed the newly modified syllabus in PG Life Sciences for the year 2022-23.

#### **Resolution 5**

The committee members are requested to finalize the skill-based subjects for PG students. Finally, it was resolved that following non-credit skill-based certificate course will be introduced for the PG Life Sciences students:

- **Scientific manuscript writing from paper to publication**
- **Integrated pest management**
- **Biofertilizer**

#### **Resolution 6**

The committee members passed the PhD courses and newly structured PG Life Sciences Courses.

### Resolution 7

- It was resolved that Chairman of the BOS and Controller of Examinations will be authorized to make any change in the list of examiners, paper setters, Moderators and Board of conducting examiners.
- It was Unanimously resolved by the committee that last unit of all Hard Core and Core elective papers of each semester will be introduced as guided self-study (blended learning) for the students. Those units will be taught as a blended learning i.e., there will be introductory class then students will learn by themselves. There will be two doubt clearing classes for those units and students will be provided with the study materials for the same.

The meeting ended with the vote of thanks to the chair.

### Members

Prof. R.C. Mohanty *R. Mohanty*  
Prof. Animesh Mohapatra  
Dr. Sakti Kanta Rath  
Dr. Navneet Kaur  
Dr. Mukta Mayee Kumbhar  
Dr. Alok Prasad Das  
Dr. Shikha Singh

External member *R. Mohanty* 13.5.22  
External member *Dr. Das* 13.5.22  
Internal Member *S. Rath* 13.5.22  
Internal Member *Navneet Kaur* 13/5/22  
Internal Member *Mukta K* 13/5/22  
Internal Member *Alok Prasad Das* 13.5.22  
Chairman

*Shikha Singh*  
Signature 13/5/22

*Shikha Singh* 13/5/22