



## Implementation of ECS/CBCS

### Minutes of Meetings (MoM) of Board of Studies (BoS)

**Academic Year : 2021-22**

**School : School of Studies of Life Sciences**

**Department : Department of Zoology**

**Date and Time : 18/08/2020**

**Venue : Department of Zoology**

The scheduled meeting of member of Board of Studies (BoS) of Department of Zoology, School of Studies of Life Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur was held to design and discuss the Pre-Ph.D. course work scheme and syllabi.

The following members were present in the meeting:

1. Prof. Shivkant Prasad (External Expert Member BoS, School of Studies of Life Sciences, Pandit Ravishankar Shukul University, Raipur)
2. Prof. LVKS Bhaskar (HOD, Dept. of Zoology.-cum Chairman, BOS)
3. Dr. Rohit Seth (Member BoS, Associate Professor, Dept. of Zoology)
4. Dr. Sushant Kr. Verma (Member, Assistant Professor, Dept. of Zoology)

Following points were discussed during the meeting:

1. As per UGC guidelines, following changes have been made in the syllabus of pre Ph.D. course work (ECS scheme):
  - a. The research methodology paper (Paper I) is modified and ethical issues related contents are added.
  - b. Third paper will be based on the specialization available in the department.

विभागप्रमुख  
HEAD  
जन्तु विज्ञान विभाग  
Department of Zoology  
गुरु घासीदास वि.वि., बिलासपुर  
Guru Ghasidas Vishwavidyalaya, Bilaspur

Signature & Seal of HoD



प्राणी शास्त्र विभाग

गु.घा.वि.वि.

वेद्य:- B.Sc, M.Sc, Ph.D. पाठ्यक्रम संशोधन की अनुसंधान हेतु)  
वि.वि. प्राणी शास्त्र विभाग में सत्र 2020-21 के पाठ्यक्रम  
में दिनांक 18.8.2020 को अधिपत्र मंडल भी विभागीय स्तर  
पर बैठक का संशोधित किया गया है। बैठक का कार्यकृत सलाह  
है किन्तु बाह्य विज्ञान विभाग के रूप में डॉ. शिवकांत प्रसाद,  
रविरांकर सुक्ल वि.वि. रायपुर से उपस्थित थे।  
अरुण आतमक कार्यवाही हेतु प्रेषित है।

- सलाह -
- ① बैठक कार्यकृत
  - ② B.Sc पाठ्यक्रम
  - ③ M.Sc - 11 -
  - ④ Ph.D. - 1 -

18/11/2020

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DEPARTMENT OF ZOOLOGY

GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR (C.G.) - 495009

Minutes of the Meeting of the Board of Studies (Zoology) held on 18.08.2020

A meeting of Board of Studies (Zoology) was held on 18.08.2020. Following matters were resolved in the meeting.

1. As per UGC guidelines, following changes have been made in the syllabus of pre Ph.D. course work:
  - a. The research methodology paper (Paper I) is modified and ethical issues related contents are added.
  - b. Third paper will be based on the specialization available in the department.
2. In the syllabus of M.Sc. following changes have been made:
  - a. A new specialization has been added in the course curriculum.
  - b. The first paper of 4<sup>th</sup> semester namely 'Animal behaviour and Environmental Biology' is modified as 'Evolution and Environmental Biology'. The animal behaviour part is added in M.Sc. 3<sup>rd</sup> semester as a paper 'Animal Behaviour'.
  - c. From 'Biotechniques and Bioinformatics' paper of M.Sc. 2<sup>nd</sup> semester the bioinformatics part is removed and histological techniques has been added. In M.Sc. 4<sup>th</sup> Semester a new paper namely 'Biostatistics or Discrete Data Analysis' is added and will be offered by MOOCS.
  - d. 'Cell biology and Evolution' paper of M.Sc. 1st semester is modified as 'Cell Biology'.
3. In B.Sc. 5<sup>th</sup> semester, DSE I will consists of two papers namely 'Immunology' and 'Biology of Insecta' and will be offered by MOOCS depending upon the availability. In case of unavailability in MOOCS, these two courses will be taught as usual DSE courses. DSE II will consist of two papers namely 'Basics of Neuroscience' and 'Reproductive Biology'. In B.Sc VI Semester, DSE III will consist of two papers namely 'Fish and Fisheries' and 'Endocrinology'. The practical of DSE will be based on the theory papers. As per university notification, in the current session of B.Sc. (2018-21), paper 'Immunology' will be offered through MOOCS in the V<sup>th</sup> semester depending on the availability of the course.

Following members were present in the meeting:

- |                          |                   |                                     |
|--------------------------|-------------------|-------------------------------------|
| 1. Dr. LVKS Bhaskar      | Chairman, DRC     | <i>Dr. V. K. Bhaskar 18/08/2020</i> |
| 2. Dr. Shivkant Prasad   | Member (External) | <i>Shivkant 18/08/2020</i>          |
| 3. Dr. Rohit Seth        | Member            | <i>Rohit 18/08/2020</i>             |
| 4. Dr. Sushant Kr. Verma | Member            | <i>S.K. Verma 18.08.20</i>          |



**Scheme and Syllabus- Pre-Ph.D. course work**

Session: 2019-2020

**SYLLABUS FOR  
PRE-Ph. D. COURSE WORK (ZOOLOGY)**

**Department of Zoology  
Guru Ghasidas Vishwavidyalaya, Bilaspur, CG**

**Scheme**

| SNo | Type of Course   | Course code / Title of the Course                                | No. of credits | Total Marks |
|-----|------------------|--|----------------|-------------|
| 1   | Compulsory Paper | LS/ ZOO/ PPCW 101<br>Research Methodology and Ethics in Research | 4              | 100         |
| 2   | Compulsory Paper | LS/ ZOO/ PPCW 102<br>Analytical and Instrumentation Training     | 4              | 100         |
| 3   | Elective Paper   | LS/ ZOO/ PPCW 103 (A)<br>Aquaculture and Fisheries               | 4              | 100         |
|     |                  | LS/ ZOO/ PPCW 103 (B)<br>Biochemistry and Molecular Biology      | 4              | 100         |
|     |                  | LS/ ZOO/ PPCW 103 (C)<br>Endocrinology                           | 4              | 100         |
|     |                  | LS/ ZOO/ PPCW 103 (D)<br>Molecular and Genetic Epidemiology      | 4              | 100         |
|     |                  | LS/ ZOO/ PPCW 103 (E)<br>Neuroscience                            | 4              | 100         |
|     |                  | LS/ ZOO/ PPCW 103 (F)<br>Toxicology                              | 4              | 100         |
| 4   | Compulsory Paper | LS/ ZOO/ PPCW 104<br>* Seminar/ Presentation                     | -              | 100         |

Note: Seminar presentation.....

*S.V. Jaiswal*  
18/08/2020

*Bhaskar*  
18/8/2020

*S.K. Singh*  
18-08-20

*Neelam*  
18/08/2020

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