Chowgule Education Society's
Parvatibai Chowgule College of Arts and Science
(Autonomous)
Accredited by NAAC with Grade 'A+'
Best Affiliated College-Goa University Silver Jubilee Year Award

MINUTES OF THE 14th MEETING OF BOARD OF STUDIES IN ZOOLOGY HELD ON 10TH FEBRUARY, 2024

Vide Parvatibai Chowgule College of Arts and Science (Autonomous) notice (F.133C/1295) dated 31/01/2024 a meeting of the BoS was convened on 10th February, 2024 at 10:30 am in online mode via google meet link https://meet.google.com/jyv-uzrk-zvu. Since the members represented the Quorum, the BoS began its proceedings.

MEMBERS PRESENT

1. Ms. Filomena Pereira, *Chairperson*
2. Dr. Sameer S. Terdalkar, *Academic Council Nominee*
3. Dr. Philip Mascarenhas, *Industry Representative*
4. Ms. Karen Braganza, *Alumnus*
5. Ms. Shalma Mascarenhas, *Member secretary*
6. Ms. Anthea Kirsteen Baracho, *Member*
7. Ms. Tessa Vaz, *Member*
8. Ms. Regina V. Fernandes, *Member*
9. Prof. Dr. Nandini Vaz Fernandes, *Member*

MEMBERS ABSENT (on Intimation)

1. Former Prof. Dr. I. K. Pai, *Academic Council Nominee*
2. Former Prof. Shyama Soorambail Keshava, *Vice Chancellor Nominee*
3. Ms. Neeha Sinai Borkar, *Member*

PROCEEDINGS:

At the onset, the chairperson Mś. Filomena Pereira welcomed the members of Board of Studies (BoS) for the 14th BoS meeting. Member Secretary, Ms. Shalma Mascarenhas discussed the minutes of the 13th BoS meeting held on 09th October, 2023 at 10:00 am via hybrid mode and the minutes were approved. The meet continued taking up the following agendas:

AGENDA:

1. Revision of CLO and alignment of CLO to PLO/PO in accordance with OBE
2. Approval of two Value Added Course Title and Syllabus
3. Revision of the curriculum of the PGDCGMLT, Clinical Pathology and Histopathology practical component
4. Any Other Business (A.O.B.)

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PART A: RESOLUTIONS

1. **TO REVISE CLO AND ALIGNMENT OF CLO TO PLO/PO IN ACCORDANCE WITH OBE**

   The Course Learning Outcomes (CLOs) of the Major Core course "UG-ZOO-101: Animal Diversity: Non-chordates and Chordates", Minor Core Course "UG-ZOO-102: Introduction to Animal Diversity", Multidisciplinary Course "UG-ZOO-MDC1: Nutrition and Diet plans", Value Added Course "UG-ZOO-VAC1: Environment Protection Practices" and Skill Enhancement Course "UG-ZOO-SEC1: Waste Management Techniques", to be offered at semester I were revised by the members of the Board.

   Course Learning Outcomes (CLOs) of the Major Core course "UG-ZOO-103: Cell and Molecular Biology", Minor Core Course "UG-ZOO-104: Techniques of cell study and chemistry", Multidisciplinary Course "UG-ZOO-MDC2: Techniques of Fish Preservation and Processing" and Skill Enhancement Course "UG-ZOO-SEC2: Bioentrepreneurship", to be offered at semester II were revised by the members of the Board.

   Changes in the Course Learning Outcomes of the Major Core Course "UG-ZOO-202: Biochemistry and Metabolic Regulation", Minor Core Course "UG-ZOO-203: Inheritance Pattern of Genetic Traits and Diseases", Multidisciplinary Course "UG-ZOO-MDC3: Aquarium Maintenance: Freshwater and Marine Fishes" offered at semester III were proposed and revised at the meeting.

   Course Learning Outcomes of the Major Core Courses courses "UG-ZOO-204': Endocrinology and Assisted Reproductive Techniques", "UG-ZOO-206: Immunology" and "UG-ZOO-207: Fish Farming and Preservation Techniques" and of the Vocational Education and training course "UG-ZOO-VOC1: Aquaculture and Fisheries" offered at semester IV were revised by the Board of Studies members.

   The Programme Outcomes (POs) of Parvatibai Chowgule College of Arts and Science (Autonomous), Margao Goa and Programme Learning Outcomes (PLOs) of Department of Zoology was put forth before the BoS members.

   Resolution: After due deliberation and incorporation of the changes suggested, the proposed Course Learning Outcomes (CLOs) were approved by the BoS members (Annexure A-UG).
   The Programme Learning Outcome (PLOs) for the Programme in Zoology were discussed, deliberated upon and accepted by the members of the Board (Annexure B).

2. **TO APPROVE TWO VALUE ADDED COURSE TITLE AND SYLLABUS**

   A. Value Added Courses (02)

   Approval of the Value-Added Courses (VACs) was not done as it was informed by the chairperson that the institute has constituted a separate Board of Studies (Ad-hoc BoS) to approve all the VAC's that will be offered in the academic year 2024-2025.

3. **REVISION OF THE CURRICULUM OF THE PGDCGMLT, CLINICAL PATHOLOGY AND HISTOPATHOLOGY PRACTICAL COMPONENT**

   The practical syllabi of the Discipline Specific Course "PGDP-CGMLT-DSC-408: Clinical Pathology and Histopathology" was put forth for revision with addition of activity based practical.

   Resolution: The proposed revision of the practical component of the course "Clinical Pathology and Histopathology" with course code "PGDP-CGMLT-DSC-408" was approved by the BoS members (Annexure I-PG).

4. **Any Other Business (A.O.B.)**

   Nil

PART B:

RESOLUTIONS/RECOMMENDATIONS OF BoS THAT REQUIRE CONSIDERATION/ APPROVAL OF ACADEMIC COUNCIL

1. **TO REVISE CLO AND ALIGNMENT OF CLO TO PLO/PO IN ACCORDANCE WITH OBE**

To seek approval for the revised Course Learning Outcomes (CLOs) of the Major Core course "UG-ZOO-101: Animal Diversity: Non-chordates and Chordates", Minor Core Course "UG-ZOO-102: Introduction to Animal Diversity", Multidisciplinary Course "UG-ZOO-MDC1: Nutrition and Diet plans", Value Added Course "UG-ZOO-VAC1: Environment Protection Practices" and Skill Enhancement Course "UG-ZOO-SEC 1: Waste Management Techniques" to be offered at semester I (Annexure A-UG).

To seek approval for the revised Course Learning Outcomes (CLO) of the Major Core course "UG-ZOO-103: Cell and Molecular Biology", Minor Core Course "UG-ZOO-104: Techniques of cell study and chemistry", Multidisciplinary Course "UG-ZOO-MDC2: Techniques of Fish Preservation and Processing" and Skill Enhancement Course "UG-ZOO-SEC2: Bioentrepreneurship" to be offered at semester II (Annexure A-UG).

To seek approval for the revised Course Learning Outcomes of the Major Core Course "UG-ZOO-202: Biochemistry and Metabolic Regulation", Minor Core Course "UG-ZOO-203: Inheritance Pattern of Genetic Traits and Diseases", Multidisciplinary Course "UG-ZOO-MDC3: Aquarium Maintenance: Freshwater and Marine Fishes" offered at semester III (Annexure A-UG).

To seek approval for the revised Course Learning Outcomes of the Major Core Courses courses "UG-ZOO-204': Endocrinology and Assisted Reproductive Techniques", "UG-ZOO-206: Immunology" and "UG-ZOO-207: Fish Farming and Preservation Techniques" and of the Vocational Education and training course "UG-ZOO-VOC1: Aquaculture and Fisheries" offered at semester IV (Annexure A-UG).

To seek approval for the Programme Learning Outcome (PLOs) for the Programme in Zoology (Annexure B)

2. **REVISION OF THE CURRICULUM OF THE PGDCGMLT, CLINICAL PATHOLOGY AND HISTOPATHOLOGY PRACTICAL COMPONENT**

To seek approval for the revised syllabus of the course "PGDP-CGMLT-DSC-408: Clinical Pathology and Histopathology": As a revision, an addition of one activity based practical "Case studies on biopsy tissues, urine analysis, stool examination, semen analysis, other body fluids (sputum, CSF, pleural, peritoneal and synovial)" was done (Annexure I-PG).

The Chairperson thanked the members of the Board of Studies in Zoology for their valuable contribution and active participation in the meeting.

The following members of the Board of Studies in Zoology were present for the meeting.

1. Ms. Filomena Pereira, Chairperson
2. Dr. Sameer S. Terdalkar, Academic Council Nominee
3. Dr. Philip Mascarenhas, Industry Representative
4. Ms. Karen Braganza, Alumnus
5. Ms. Shalma Mascarenhas, Member secretary
6. Ms. Anthea Kirsteen Baracho, Member
7. Ms. Tessa Vaz, Member

8. Ms. Regina V. Fernandes, Member
9. Prof. Dr. Nandini Vaz Fernandes, Member

Members absent with intimation

1. Former Prof. Dr. I. K. Pai, Academic Council Nominee
2. Former Prof. Shyama Soorambail Keshava, Vice Chancellor Nominee (online)
3. Ms. Neeha Sinai Borkar, Member

Ms. Shalma Mascarenhas
Member secretary
Board of Studies

Ms. Filomena Pereira
Chairperson
Board of Studies

Dated: 26th February, 2024

PART C:

The remarks of the dean of the faculty

a) The minutes are in order
b) The minutes may be placed before the academic council with remark, if any.
c) Important points of the minutes which need clear policy decision of the Academic Council to be recorded.

Date: 26th February, 2024

Signature of the Academic Dean: _____
Dr. Meghana Devli

PART D:

The remarks of the Member Secretary of the Academic Council

a) The minutes are in order
b) The minutes may be placed before the academic council with remark, if any.
c) Important points of the minutes which need clear policy decision of the Academic Council to be recorded.

Date: 26th February, 2024

Signature of the Member Secretary of Academic Council: _____
Mr. V.C. Kumaresh