

Autonomous and Affiliated to Bharathiar University, Coimbatore Accredited at A⁺ grade by NAAC (Fourth cycle)

An ISO 9001:2015 Certified Institution

www.gvgvc.ac.in; principal@gvgvc.ac.in Ph.04252-223019 Fax: 04252-233111

Vision

Empower women through quality education by providing holistic learning experience resulting in intellectual transformation.

- > To create a benchmark in the field of education through various disciplines of study.
- ➤ To provide a learner centric curriculum for life and living.
- > To equip the students face the challenges of the dynamic environment by providing necessary skills
- To offer value based education synthesizing Arts, Science and spirituality.
- To train the students for selfless service and nation building activities.



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DEPARTMENT OF ZOOLOGY

Vision

To enlighten the students with highest values of life science education with the spirit of moral, ethics, life and character building for good human being and mould them as zoological expertise and responsible citizens.

- ➤ To impart knowledge in the basic and modern concepts of Zoology.
- ➤ To provide excellence in undergraduate educations with innovations in curriculum and teaching learning techniques.
- To create learner centric environment by providing multidisciplinary opportunities.
- ➤ To provide quality education which equips students with knowledge, insight and expertise required to contribute to society as educators, scientists, administrators and entrepreneurs.
- To involve the student in community-based and outreach activities.



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1st BOARD OF STUDIES MEETING OCTOBER, 2021

Department Of Zoology

A Meeting of the Board of Studies was convened for the M. Sc. Zoology programme (semester I & II, 2021-2022) offered by the department of Zoology on 13.10.2021 from 11.30 am to 01:00 pm through online mode. The meeting was conducted through Google meet with the following members.

Google Meet Link: http://meet.google.com/wzw-kwzk-rzm

Chairman:

1. Dr. S. Umamaheswari,

Associate Professor and Head in Zoology Chairman

Members of the department:

2. Dr. S. Kalaichelvi

Associate Professor in Zoology

3. Dr. Mrs. K. Shobana,

Assistant Professor in Zoology

4. Dr. Mrs.D.Abirami,

Assistant Professor in Zoology

5. Dr. S. Beula Agnes,

Assistant Professor in Zoology

6. Ms. C. Joel Soniya,

Assistant Professor in Zoology

University Nominee:

7. Dr. M. Kalaiselvam,

Associate Professor, C.A.S in Marine Biology, Parangipettai .Pin – 608502

Mobile: 9894445103

Phone: 914144 243555, 914144 243223

Pin-608502

E-mail- kalaifms@gmail.com

Subject Experts:

8. Dr. V. Ramasubramanian

Professor

Department of Zoology Bharathiar University

Coimbatore- 641 046

Mobile No: 9843056645, 9444177694

E-mail: vramans68@buc.edu.in

9. Dr. K. Sakthi Shree

Associate Professor and Head Department of Zoology Government Arts College

Coimbatore

Mobile No: +91- 93448 85090

E-mail id: sakthi_shree@yahoo.co.in

Placement Officer:

10. Dr. Goldin Quadros

Principal Scientist Wetland Ecology

Salim Ali Centre for Ornithology and Natural History

Anaikatty, Coimbatore- 641108

Mobile No.: 9869183412 E-mail id: golding@gmail.com

Alumni

11. Dr. S. Sudha

Assistant Professor

Department of Zoology

LRG Government Arts College for Women

Tirupur

Mobile: 9486616191

E-mail id: sudhasellappa@gmail.com

Agenda of the Meeting

- ➤ To finalize and approve the curricular framework and design of course content for the PG Zoology Programme for I & II semesters, under outcome based education for the students admitted from 2021-2022 onwards.
- ➤ The curricular framework and the course content was designed by the department of zoology for the newly introduced course PG programme M. Sc. Zoology 2021- 2022 for I and II semester with course objectives, course outcome and course content under outcome based education for the students admitted from 2021-2022 onwards.

Item No.: 1

Semester I - Core III – Course Code: **21MZ03- Animal biodiversity and Conservation** Unit III – Unit III to be modified according to the topic.

Item No.: 2

Semester II - Core VI - Course Code: 21MZ06- Biochemistry

Unit III- The topic to be modified from Bioenergetics to Role of Enzymes.

Item No.: 3

Semester II – Core VI – Course Code: **21MZ07- Cell and Molecular Biology** Unit III- To add a new topic quorum sensing.

The following are the resolutions based on the suggestions and recommendations made by the board for the students admitted from 2021-2022 onwards.

Curriculum Frame work- I Semester & II Semester; Course content- I Semester & II Semester.

Resolution 1 (for item No. 1)

Semester I - Core III - Course Code: 21MZ03- Animal biodiversity and Conservation

• Resolved to add the topics related to Animal biodiversity and conservation in Unit III.

Resolution 2 (for item No. 2)

Semester II - Core VI - Course Code: 21MZ06- Biochemistry

• Resolved to add Role of Enzymes in Unit III.

Resolution 3 (for item No.3)

Semester II - Core VI - Course Code: 21MZ07- Cell and Molecular Biology

• Resolved to add a new topic quorum sensing in Unit III.

The board hereby approves the curricular framework and design of course contents for the courses of the semesters I and II for the students of I M. Sc. admitted from the academic year 2021-2022 onwards in the PG programme under OBE pattern.

Members of BOS Meeting:

Chairman Signature

1. Dr. S. Umamaheswari,

Associate Professor and Head in Zoology Chairman

University Nominee:

2. Dr. M. Kalaiselvam,

Associate Professor, C.A.S in Marine Biology, Parangipettai

Subject Expert:

3. Dr. V. Ramasubramanian

Professor
Department of Zoology
Bharathiar University
Coimbatore





4. Dr. K. Sakthi Shree

Associate Professor and Head Department of Zoology Government Arts College Coimbatore by Somme By

Placement Officer:

5. Dr. Goldin Quadros

Principal Scientist Wetland Ecology Salim Ali Centre for Ornithology and Natural History Anaikatty, Coimbatore Quadro

Alumni

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Members of the department:

7. Dr. S. Kalaichelvi

Associate Professor in Zoology (Department member)

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8. Dr. K. Shobana

Assistant Professor in Zoology (Department member)

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9. Dr. D. Abirami

Assistant Professor in Zoology (Department member)

10. Dr. S. Beula Agnes

Assistant Professor in Zoology (Department member)

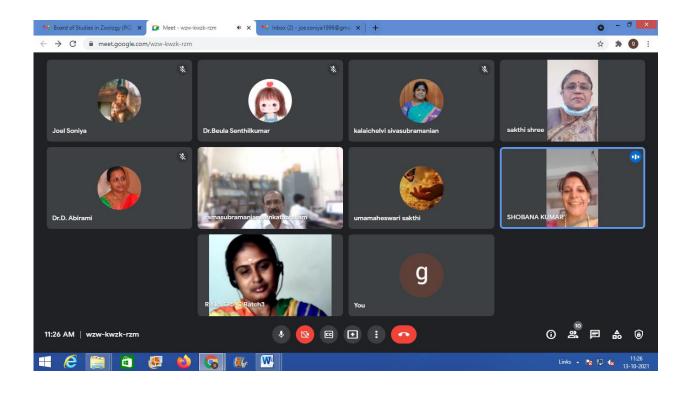
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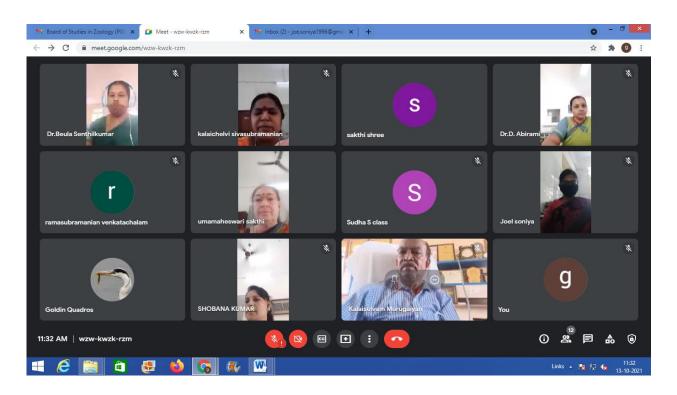
11. Ms. C. Joel Soniya

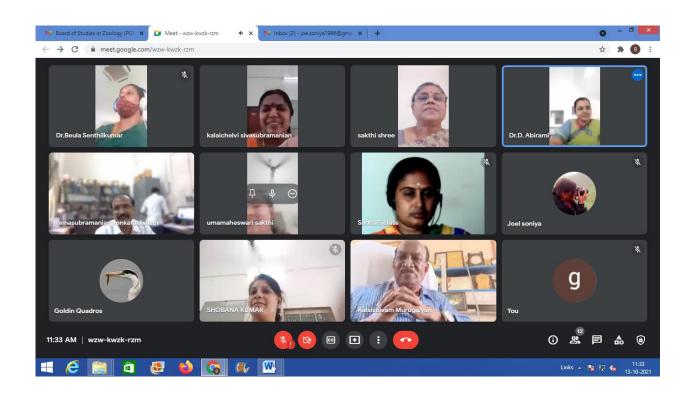
Assistant Professor in Zoology (Department member)

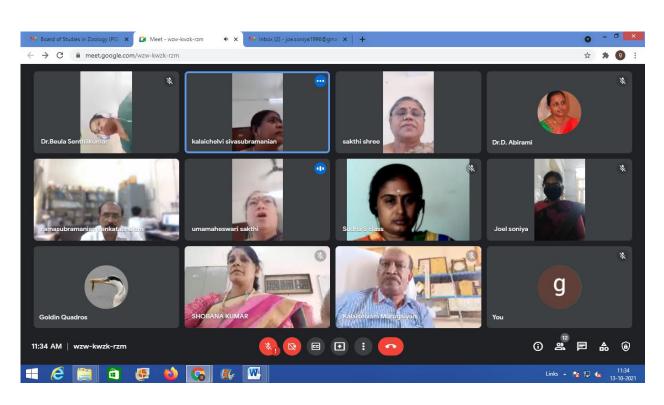
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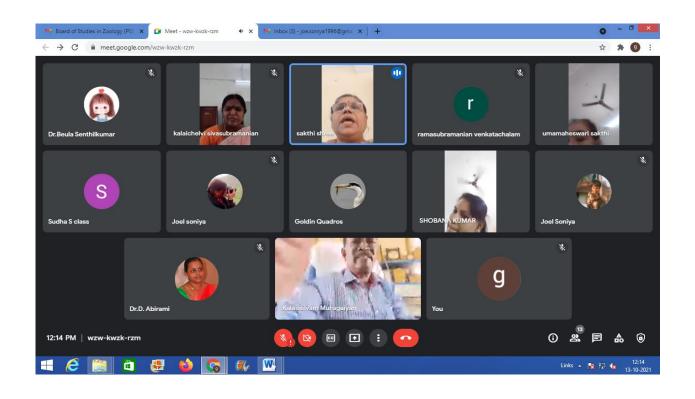
Board of Studies Screen shot:

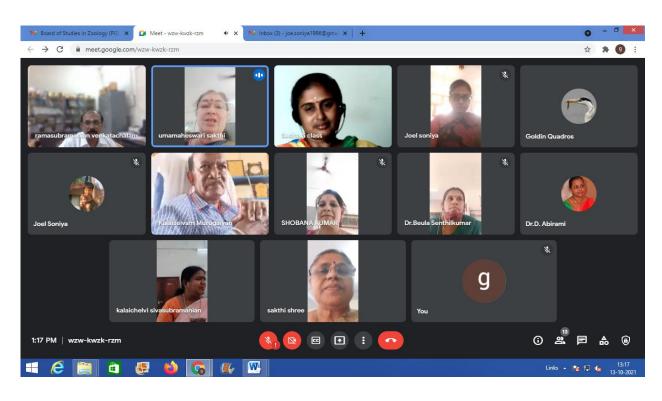












Feedbacks:

Mobile: 9444695292 Email: carofulffac@gnail.com

ANNAMALAI UNIV

UNIVERSITY

Faculty of Marine Sciences CAS in Marine Biology, Parangipettai

University Nominee Feedback

Board of Studies in Zoology (PG) for the Academic year 2021 – 2022 (for I and II semester only)

The Board of Studies meeting of the Sri GVG Visalakshi College for Women, Udamalpet was convened on 13.10.2021 through Google meet (http://meet.google.com/wzw-kwzk-rzm). As University nominee and expert in the field of Zoology, I would like to mention my views here under. Also I would be happy to be a part of the BoS in Zoology (PG) of the Sri GVG Visalakshi College for Women.

- > The Curriculum truly cater the present demand in the field of Zoology
- The Curriculum has prospects for higher education, research and employability
- The Curriculum gives equal weightage to all courses
- The Curriculum gives the students not only the biological information and train the various techniques / instruments
- The Curriculum make the students to assess themselves to proceed upon to acquire knowledge in practicals and bridge the gap between PG and Research

The Syllabus has been approved for the year 2021 - 2022 onwards.

My wishes are to the department for the success in all their endeavors.

(M. KALAISELVAM)

Director
C.A.S. in Marine Biology
Faculty of Marine Sciences
Annamalai University

Parangipettai - 606 502

FEEDBACK REGARDING BOARD OF STUDIES FOR M.Sc ZOOLOGY

The Board of Studies for I PG Zoology in Sri G.V.G Visalakshi College for women, Udumalpet took place on 13.10.2021 at 11.30 am, through online mode. The given syllabus for the first and second semester of I M Sc Zoology was scrutinized.

The learning objectives are clear and appropriate to the program.

The curriculum and syllabus are well organized and suitable to the program.

Slight modifications to title and unit content advised .

Internal and external mark allotment and internal content allotment discussed.

Both external and internal evaluation of record was emphasized with submission of record during practical exam, as writing of record as well as practical evaluation without record will be meaningless.

HEAD

HEAD

HEAD

ONE RESEARCH DEPARTMENT OF LOQUERY,

GOVERNMENT ARTS COLLEGE (AUTONOMOUS),

COINBATORE - 641 018.



பாரதியார் பல்கலைக்கழகம் BHARATHIAR UNIVERSITY

COIMBATORE - 641 046

Accredited with 'A' Grade by NAAC

Ph: 091- 422-2422203, Fax: 091-422-2422387, 2425706, Website: www.b-u.ac.in E-mail: regr@b-u.ac.in Grams: 'UNIBHARATHIAR'

Subject Expert feedback on Board of Studies in Zoology (PG) for the Academic year 2021 -2022

The board of Studies meeting of the Sri GVG Visalakshi College for Women was convened on 13.10.2021 through online mode. I have been nominated as, subject expert in Zoology.

- The syllabus will enable the students to get the knowledge in the field of Immunology, Physiology, Molecular Biology and Genetics.
- The curriculum has well designed and also employment oriented.
- Practical syllabus are very useful to the students to get practical knowledge in the relevant subjects.
- · Recent information and techniques were included in the syllabi.
- Overall the curriculum ensures recent disciplines with depth knowledge in the field of Zoology.

Coimbatore – 46 13.10.2021 V. Ram V.RAMASUBRAMANIAN

Dr.V. RAMASUBRAMANIAN
Professor
Department of Zoology
Bharathiar University
Coimbatore - 641 046.

"எண்ணிய முடிதல் வேண்டும், நல்லவே எண்ணல் வேண்டும் , திண்ணிய நெஞ்சும் வேண்டும், தெளிந்த நல்லறிவு வேண்டும்" - பாரதியார்

"Let my thoughts bloom into action, Let me think only noble thoughts, Let me have a valiant heart, Let me have a clear wisdom" - Bharathiar



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2nd BOARD OF STUDIES MEETING JULY, 2022 Department Of Zoology

A Meeting of the Board of Studies was convened for the M. Sc. Zoology programme (Semester III & IV of II M. Sc. Zoology for the students admitted during the academic year 2021-2022 only and Semester I to IV of I M. Sc. Zoology for the students admitted from the academic year 2022 – 2023 onwards) offered by the department of Zoology on 11.07.2022 from 10.00 am to 12:00 pm through online mode. The meeting was conducted through Google meet with the following members.

Google Meet Link: https://meet.google.com/qgj-uuym-vqi

Chairman:

Dr. S. Umamaheswari,
 Associate Professor and Head in Zoology Chairman

Members of the department:

- Dr. S. Kalaichelvi
 Associate Professor in Zoology
- 3. Dr. S. Beula Agnes, Assistant Professor in Zoology
- Ms. C. Joel Soniya, Assistant Professor in Zoology
- Ms. Reshma Radhakrihnan Assistant Professor in Zoology
- 6. Dr. R. Bhanumathi Assistant Professor in Zoology
- Dr. V. Yasothamani
 Assistant Professor in Zoology

University Nominee:

8. Dr. M. Kalaiselvam,

Associate Professor,

C.A.S in Marine Biology,

Parangipettai .Pin – 608502

Mobile: 9894445103

E-mail- kalaifms@gmail.com

Subject Experts:

9. Dr. V. Ramasubramanian

Professor

Department of Zoology

Bharathiar University

Coimbatore- 641 046

Mobile No: 9843056645, 9444177694

E-mail: vramans68@buc.edu.in

10. Dr. K. Sakthi Shree

Associate Professor and Head

Department of Zoology

Government Arts College

Coimbatore

Mobile No: +91- 93448 85090

E-mail id: sakthi shree@yahoo.co.in

Placement Officer:

11. Dr. Goldin Quadros

Principal Scientist

Wetland Ecology

Salim Ali Centre for Ornithology and Natural History

Anaikatty, Coimbatore- 641108

Mobile No.: 9869183412

E-mail id: golding@gmail.com

Alumni

12. Dr. S. Sudha

Assistant Professor

Department of Zoology

LRG Government Arts College for Women

Tirupur

Mobile: 9486616191

E-mail id: sudhasellappa@gmail.com

Agenda of the Meeting

- > To finalize and approve the curricular framework and design of course content for the PG Zoology Programme for III & IV semester of II M. Sc. Zoology for the students admitted during the academic year 2021-2022 only and
- To finalize and approve the curricular framework and design of course content for the PG Zoology Programme for I to IV semesters of I M. Sc. Zoology under outcome based education for the students admitted from 2022-2023 onwards.

The following are the matters reviewed and discussed in the board.

Curriculum Frame work- III Semester & IV Semester; Course content- III Semester & IV Semester.

- The content of newly introduced Elective-I courses Elective I -Entomology / Fishery
 Biology (21MZE1/21MZE2) and the Elective --II courses Elective-II Microbiology/
 Research Methodology (21MZE3/21MZE4) in the semester III were approved in the
 board of studies for II M. Sc. Zoology for the students admitted during the academic year
 2021-2022 only.
- The content in newly introduced elective-III courses 21MZE5/21MZE6 Elective III Pest Control Management / Ornamental Fish Culture and Aquarium Keeping and
 the Elective -III courses 21MZE7/21MZE8 Elective-IV Instrumentation Technology /
 Toxicology in the semester IV were approved in the board of studies for II M. Sc.
 Zoology for the students admitted during the academic year 2021-2022 only.

Item No.: 1

 The board suggested to include the practical 'differential leukocyte count' in immunology practicals of course Core practical IV (21MZP4) in the semester IV for the students admitted from 2021-2022 only.

Resolution 1 (for item No. 1)

 The board resolved to include the practical 'differential leukocyte count' in immunology practicals of course Core practical IV (21MZP4) in the semester IV for the students admitted from 2021-2022 only.

Curriculum Frame work- I Semester to IV Semester; Course content- I Semester to IV Semester.

- The content of newly introduced Elective I courses, Elective I -Entomology / Fishery
 Biology (22MZE1/22MZE2) in the semester I were approved in the board of studies for
 the students admitted from 2022-2023 onwards.
- The content of newly introduced Elective II courses, Elective-II Microbiology/ Research
 Methodology (22MZE3/22MZE4) in the semester II were approved in the board of
 studies for the students admitted from 2022-2023 onwards.
- The content of newly introduced Elective III courses, Elective III Pest Control
 Management / Ornamental Fish Culture and Aquarium Keeping (22MZE5/22MZE6)
 in the semester III were approved in the board of studies for the students admitted from
 2022-2023 onwards.
- The content of newly introduced Elective IV courses, Elective-IV Instrumentation
 Technology / Toxicology (22MZE7/22MZE8) in the semester IV were approved in the
 board of studies for the students admitted from 2022-2023 onwards.
- Newly introduced Core practicals were correlated with the semester wise theory papers in
 each semester, Core Practical I (22MZP1) in the semester I, Core Practical II
 (22MZP2) in the semester II & Core Practical III (22MZP3) in the semester III were
 approved in the board of studies for the students admitted from 2022-2023 onwards.

Item No.: 1

 The board suggested to change the course title from, Core I Structure and functions of Invertebrates (21MZ01) to the course title Functional Morphology of Invertebrates in the semester I for the students admitted from 2022-2023 onwards.

Resolution 1 (for item No. 1)

The board resolved to approve the revision in the course content of Core I Structure and functions of Invertebrates (21MZ01) and to change the course title as Core I Functional Morphology of Invertebrates (22MZ01) in the semester I for the students admitted from 2022-2023 onwards.

Item No.: 2

 The board suggested changing the course title from, Core II Comparative anatomy of Chordates (21MZ02) and changing the course title as Functional Morphology of Vertebrates in the semester I for the student admitted from 2022-2023 onwards.

Resolution 2 (for item No. 2)

The board resolved to approve the revision in the course content of Core II Comparative anatomy of Chordates (21MZ02) and to change the course title as Core II Functional Morphology of Vertebrates (22MZ02) in the semester I for the students admitted from 2022-2023 onwards.

Item No.: 3

 Discussion to reshuffle and delete of the topic, Molecular Tools in Conservation in unit V of the course Core III- Animal Biodiversity and Conservation (22MZ03) in the semester I for the students admitted from 2022-2023 onwards.

Resolution 3 (for item No. 3)

The board resolved to reshuffle and delete of the topic, Molecular Tools in Conservation in unit V of the course Core III- Animal Biodiversity and Conservation (22MZ03) in the semester I for the students admitted from 2022-2023 onwards.

Item No.: 4

• The board suggested to include topics on Human Health and Disaster management in unit V of the course Core IV- Environmental Biology (22MZ04) in the semester I for the students admitted from 2022-2023 onwards.

Resolution 4 (for item No. 4)

The board resolved to include topics on Human Health and Disaster management in unit V of the course Core IV- Environmental Biology (22MZ04) in the semester I for the students admitted from 2022-2023 onwards.

Item No.: 5

Discussion on inclusion of the topics on Electrostatic interaction between membrane surfaces in unit I and Bomb calorimetry in unit II of the course Core V Biophysics and Biostatistics (22MZ05) in the semester II for the students admitted from 2022-2023 onwards.

Resolution 5 (for item No. 5)

 The board resolved to include the topics on Electrostatic interaction between membrane surfaces in unit I and Bomb calorimetry in unit II of the course Core V Biophysics and Biostatistics (22MZ05) in the semester II for the students admitted from 2022-2023 onwards.

Item No.: 6

• Discussion to reshuffle the topics in unit V in the course Core VI Biochemistry (22MZ06) in the semester II for the students admitted from 2022-2023 onwards.

Resolution 6 (for item No.6)

 The board resolved to reshuffle the topics in unit V in the course Core VI Biochemistry (22MZ06) in the semester II for the students admitted from 2022-2023 onwards.

Item No.:7

Discussion to reshuffle the topics in unit I and unit III and to include topics on importance
of genetic analysis in unit IV of the course Core VII Cell and Molecular Biology
(22MZ07) in the semester II for the students admitted from 2022-2023 onwards.

Resolution 7 (for item No.7)

 The board resolved to reshuffle the topics in unit I and unit III and to include topics on importance of genetic analysis in unit IV of the course Core VII Cell and Molecular Biology (22MZ07) in the semester II for the students admitted from 2022-2023 onwards.

Item No.:8

The board suggested to reshuffle the topics in unit I and unit V in the course Core VIII
 Developmental Biology (22MZ08) in the semester II for the students admitted from 2022-2023 onwards.

Resolution 8 (for item No.8)

The board resolved to reshuffle the topics in unit I and unit V in the course Core VIII
 Developmental Biology (22MZ08) in the semester II for the students admitted from 2022-2023 onwards.

Item No.:9

 The board suggested to include the topics on physical, chemical and neural regulation in unit IV and Hormonal control of Gastric metabolism in unit V and rearrange the topics in unit II in the course Core IX Comparative Animal Physiology (22MZ09) in the semester III for the students admitted from 2022-2023 onwards.

Resolution 9 (for item No.9)

 The board resolved to include the topics on physical, chemical and neural regulation in unit IV and Hormonal control of Gastric metabolism in unit V and rearrange the topics in unit II in the course Core IX Comparative Animal Physiology (22MZ09) in the semester III for the students admitted from 2022-2023 onwards.

Item No.:10

 Discussion on inclusion of topics on classical and alternative pathways and immunological significance in unit IV and Tumour immunology in unit V in the course Core X Immunology (22MZ10) in the semester III for the students admitted from 2022-2023 onwards

Resolution 10 (for item No.10)

 The board resolved to include the topics on classical and alternative pathways and immunological significance in unit IV and Tumor immunology in unit V in the course Core X Immunology (22MZ10) in the semester III for the students admitted from 2022-2023 onwards

Item No.:11

The board suggested to reshuffle the topics in unit V in the course Core XI Genetics

(22MZ11) and in the course Core XII Evolution (22MZ12) in the semester III for the students admitted from 2022-2023 onwards.

Resolution 11 (for item No.11)

The board resolved suggested to reshuffle the topics in unit V in the course Core XI
Genetics (22MZ11) and in the course Core XII Evolution (22MZ12) in the semester III
for the students admitted from 2022-2023 onwards.

The board hereby approves the curricular framework and design of course contents course content for the PG Zoology Programme for III & IV semester of II M. Sc. Zoology for the students admitted during the academic year 2021-2022 only and I to IV semesters of I M. Sc. Zoology for the students admitted from 2022-2023 onwards in the PG programme.

Members of BOS Meeting:

Chairman

1. Dr. S. Umamaheswari,

Associate Professor and Head in Zoology Chairman

University Nominee:

2. Dr. M. Kalaiselvam,

Associate Professor, C.A.S in Marine Biology, Parangipettai

Subject Expert:

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Professor
Department of Zoology
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Associate Professor and Head Department of Zoology Government Arts College Coimbatore

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Principal Scientist
Wetland Ecology
Salim Ali Centre for Ornithology and Natural History
Anaikatty, Coimbatore

Alumni

6. Dr. S. Sudha

Assistant Professor Department of Zoology LRG Government Arts College for Women, Tirupur. Signature

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Members of the department: 7. Dr. S. Kalaichelvi Associate Professor in Zoology (Department member)	dollaho
8. Dr. S. Beula Agnes Assistant Professor in Zoology (Department member)	(Renlastyn
 Ms. C. Joel Soniya Assistant Professor in Zoology (Department member) 	Sugo
10. Ms. Reshma Radhakrishnan Assistant Professor in Zoology (Department member)	State of
11. Dr. R. Bhanumathi	
Assistant Professor in Zoology (Department member)	R. Blenki
12. Dr. V. Yasothamani	iti

Assistant Professor in Zoology (Department member)

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KOKKWOM'N Signature of the Principal