

Mail



UNIVERSITY OF MYSORE
Department of Studies in Zoology

DR. B.V.SHYAMALA
Professor & Chairperson, BOS in Zoology (UG & PG)
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Manasagangotri,
Mysore-570006,
Phone Off.91-0821-2419777

No. MGZ/BOS/488/2021-22

Date: 3-12-2021

To,

The Registrar
University of Mysore,
Crawford hall,
Mysore-570005

Dear Sir,

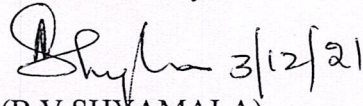
Sub: Submission of the Proceedings of BOS in Zoology (PG) meeting.
Ref: Your letter No. UA2/379/2013-2014 dated :9-11-2021

With reference to the above subject, I am herewith submitting the proceedings of annual meeting 2021-22, BOS in Zoology (PG), carried out on **25-11-2021, at 11.00 AM in Dobzhansky Hall, DOS in Zoology, University of Mysore, Manasagangotri, Mysore-570006.**

I have also enclosed herewith,

1. A copy of the list of minor modifications in the syllabus recommended
2. a copy of the Syllabus with recommended modifications incorporated, to be implemented for the academic year 22-23.

Yours Sincerely,


(B.V.SHYAMALA)

CHAIRMAN
EOS in Zoology
Department of Zoology
University of Mysore
Manasagangotri
MYSORE - 570 006



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Department of Studies in Zoology

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Proceedings of the meeting of the Board of Studies in Zoology (PG) held on 20th November, 2021, at Dobzhansky Hall, Department of Studies in Zoology, University of Mysore, Manasagangotri, Mysore.

Members Present:

- | | |
|--------------------------|-----------------|
| 1. Prof. B.V.Shyamala | Chairperson |
| 2. Prof. Shivabasavaiah | Member |
| 3. Prof. M.Bhagya | Member |
| 4. Prof. S.Basavarajappa | Member |
| 5. Prof. Gangadhar, M.R. | Member |
| 6. Prof. B.P.Harini | External Member |

B.V. Shyamala 20/11/21

Shivabasavaiah

M. Bhagya

S. Basavarajappa

Gangadhar M.R.

B.P. Harini

Members Not Present

- | | |
|----------------------------|--------|
| 1. Prof. S.S. Malini | Member |
| 2. Prof. G.Venkatesh Kumar | Member |

The Chairperson extended a warm welcome to the members of the Board of Studies Zoology (PG).

Agenda listed by the University were discussed one by one. The recommendations /action taken by the board are shown against each item:

1. Changes if any in the curriculum structure, examination and regulation etc with regard to

M.Sc./Diploma/Certificate courses : NIL

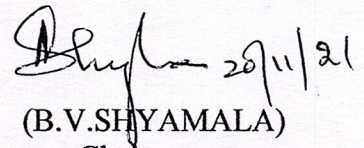
2. Changes if any to be introduced in the curriculum structure during 2022-2023 :**Minor changes were made in the syllabus to update it and include a few new contemporary topics.** Details are shown in the enclosure.

3. Introducing new courses if any in the year 2022-2023 : **NIL**

4. Preparation of panel of examiners for the year 2021-2022 :

List of examiners for the year 2021-22 was prepared and approved by the Board. Board authorized the Chairperson of the BOS to send it to the Registrar (Evaluation).

Finally the Chairperson, of the Board of Studies thanked all the members for their valuable time, support and suggestions.

 28/11/21

(B.V.SHYAMALA)

Chairperson

Board of Studies in Zoology (PG)

CHAIRMAN

BOS in Zoology

Department of Zoology

University of Mysore

Manasogangothri

MYSORE - 570 005



UNIVERSITY OF MYSORE
Department of Studies in Zoology

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| 2. Prof. Shivabasavaiah | Member | <i>Shivabasavaiah</i> |
| 3. Prof. M.Bhagya | Member | <i>M. Bhagya</i> |
| 4. Prof. S.Basavarajappa | Member | <i>S. Basavarajappa</i> |
| 5. Prof. Gangadhar, M.R. | Member | <i>Gangadhar M.R.</i> |
| 6. Prof. B.P.Harini | External Member | <i>B.P. Harini</i> |

Members Not Present

- | | |
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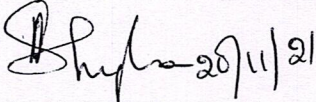
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(B.V.SHYAMALA)

Chairperson

Board of Studies in Zoology (PG)

CHAIRMAN

BOS in Zoology

Department of Zoology

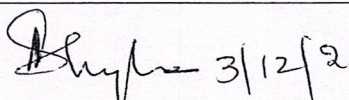
UNiversity of Mysore

Manasagangothri

MYSORE - 570 005

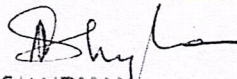
Minor Changes in Theory Papers M.Sc. Zoology to include a few new contemporary topics

I Semester			
Soft Core 2: Vectors and Communicable Diseases			
Sl. No.	Existing	Modification	Changed after Modifications
1	UNIT II. Biological vectors and Communicable diseases 12 Hrs a. Epidemiology and biology of vectors and pathogens, b. Transmission cycles and symptoms of malaria, filariasis, yellow fever, leishmaniasis, anthrax , dengue, chikungunya, Japanese encephalitis, schistosomiasis and plague.	Additions: C. Covid -19: Epidemiology, Symptoms, and Management Deletions: Anthrax Schistosomiasis	UNIT II. Biological vectors and Communicable diseases 12 Hrs a. Epidemiology and biology of vectors and pathogens, b. Transmission cycles and symptoms of malaria, filariasis, yellow fever, leishmaniasis, dengue, chikungunya, Japanese encephalitis, and plague. c. Covid-19 : Epidemiology, Symptoms and Management
2.	List of reference	Addition	www.Corona viral disease and Covid -19 pandemic
III Semester			
Soft Core 5: Genetic Engineering			
Sl. No.	Existing	Modification	Changed after Modifications
	UNIT III DNA Engineering techniques 16Hrs Gel electrophoresis of nucleic acids and proteins (agarose, polyacrylamide) ; Blotting of macromolecules and hybridization- Probe Selection and labeling, principles of hybridization; gene screening-colony, plaque, dot , Southern & Northern blot screening, Antibody screening ; Oligonucleotide synthesis ; Promoter characterization, Site directed mutagenesis; Generation of transgenic animals (<i>Drosophila</i> and Mouse)	Additions: 1. Western 2. (PCR-based, Crisper-Cas9) Deletions: 1. gene 2. dot 3. Antibody screening	UNIT III DNA Engineering techniques 16Hrs Gel electrophoresis of nucleic acids and proteins (agarose, polyacrylamide): Blotting of macromolecules and hybridization- Probe Selection and labeling, principles of hybridization; screening-colony, plaque, Southern, Northern and Western blots. Oligonucleotide synthesis ; Promoter characterization, Site directed mutagenesis (PCR based, Crisper-Cas9 method); Generation of transgenic animals (<i>Drosophila</i> and Mouse)


CHAIRMAN
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Department of Zoology
University of Mysore
Manasa Jagadhi
MYSORE - 570 005

Minor Changes in Theory Papers M.Sc. Zoology to include a few new contemporary topics

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Soft Core 2: Vectors and Communicable Diseases			
Sl. No.	Existing	Modification	Changed after Modifications
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 3/12/21
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