

FATIMA COLLEGE (Autonomous), MADURAI - 625 018

MINUTES OF THE BOARD OF STUDIES

NAME OF THE DEPARTMENT: M.Sc Zoology

TO BE IMPLEMENTED FROM: 2022-2023 ONWARDS

VENUE: DEPARTMENT OF ZOOLOGY

CONVENED ON: 15.03.2022

CONVENED AT: 02.00 pm

MEMBERS PRESENT:

1. Dr. A. Tamil selvi	Head of the Department <i>(Signature)</i> 15/3/22
2. Dr. Capt. N. Arun Nagendran Associate Professor PG & Research Department of Zoology Thiagarajar College Madurai - 625 009	University Nominee <i>(Signature)</i> 15/3/22
3. Dr. F. Brisca Renuga Associate Professor Department of Zoology Holy Cross College (Autonomous) Nagercoil - 04	Subject Expert <i>(Signature)</i> 15/3/2022
4. Dr. R. Uma Maheswari Assistant Professor PG Department of Zoology Aulmigu Palaniandavar Arts college for Women Palani - 624 615	Subject Expert <i>(Signature)</i> 15/3/22

5. Dr. A. Vanniarajan Scientist Aravind Medical Research Foundation Madurai - 625 020	Industrialist / Scientist A. Vanniarajan 15/03/2022
6. Miss. S. Susaritha Research Scholar PG & Research Department of Zoology	Alumna S. Susaritha 15/03/22
7. Dr. N. Malathi	Dean of Academic Affairs N. Malathi 15/3/22
8. Dr. Antony Amala Jayaseeli	Staff Member Antony Amala Jayaseeli 15/03/2022
9. Dr. N. Malathi	Staff Member N. Malathi 15/3/22
10. Dr. Sr. Biji Cyriac	Staff Member (absent)
11. Dr. V. Bharathy	Staff Member V. Bharathy 15/3/22
12. Dr. N. Nagarani	Staff Member N. Nagarani 15/3/22
13. Dr. S. Bharathy	Staff Member S. Bharathy 15/3/22
14. Mrs. J. Thelma	Staff Member J. Thelma 15/3/22
15. Dr. K. Manimegalai	Staff Member K. Manimegalai 15/3/22

1. ACTION TAKEN REPORT FOR 2021-2022 M.Sc Zoology

S. NO	COMMON SUGGESTIONS OFFERED IN THE PREVIOUS BOARD	ACTION TAKEN FOR THE ACADEMIC YEAR 2021-2022
1.	Number of field projects in PG may be increased whenever possible.	Number of field projects in PG has been increased.
2.	The DOER may have a minimum of 5 links for each paper	5 links are included in the DOER of each course to maintain uniformity.

CHANGE OF COURSE TITLE

S. NO	OLD COURSE CODE	NEW COURSE CODE	OLD COURSE TITLE	NEW COURSE TITLE	NEED FOR CHANGE
-	-	-	-	NIL	-

NEW COURSES INTRODUCED

S. NO	COURSE CODE	COURSE TITLE	RELEVANCE TO				SCOPE FOR			NEED FOR INTRODUCTION
			L	R	N	G	EMP	ENT	SD	
1.	21PGSLZI	Fermentation Technology	L	R	N	G	EMP	-	SD	Offered to the Advanced Learners

REVISED COURSES

S. NO	COURSE CODE & TITLE	UNIT NO & REVISED CONTENT	Y. OF Revision	NEED FOR REVISION	RELEVANCE TO				SCOPE FOR		
					L	R	N	G	EMP	ENT	SD
-	-	NIL	-	-	-	-	-	-	-	-	-

2. Updation of Open Educational Resources

S. NO	COURSE CODE	COURSE TITLE	DETAILS OF UPDATION
-	-	-	NIL

3. Revision of courses

S. NO	COURSE CODE & TITLE	UNIT NO & REVISED CONTENT	Y. of Revision	NEED FOR REVISION	RELEVANCE TO				SCOPE FOR		
					L	R	N	G	EMP	ENT	SD
1.	19PG123 Cell & Molecular Biology	Following topics are added - Unit-I Overview of Cell Biology Topics - microfilaments & Microtubules Structure & dynamics, microtubules & mitosis, cell movements - role of kinesin and Dyenin Unit-II Eukaryotic Genome & Replication Topics included - Brief account on Genome, Transcriptome & Proteome. Regulation of Eukaryotic Genome Replication	10%	As per the guidelines of Academic Deans & recommendation of course Teachers	-	-	N	G	-	-	SD
2.	19PG3211 Biophysics	Unit-V Biophysical Principles applied to Physiology Topics included - Biophysical aspects of hearing, noise and speech - mechanism of hearing - auditory and non-auditory effects of noise pollution.	10%	As per the guidelines of Academic Deans & recommendation of course Teachers	-	-	N	G	-	-	SD
3.	19PG3213 Biostatistics & Research methodology	Unit V Thesis Writing Topics included - Literature review - Source, Structure and Stages of literature search - Critical review. Ethics in Research	10%	As per the guidelines of Academic Deans & recommendation of course Teachers	-	-	N	G	EMP	-	SD

4.	19PG14Z16 Environmental Biology	Unit-III Natural Resources Topics included - Water resources - Distribution - Types - Surface water, ground water, Management and conservation of water resources	10%	As per the guidelines of Academic Deans & Recommendation of course Teachers	L	R	N	G	-	S D
5.	19PG14ZE3 Economic Zoology	Following topics are included - Unit-I: Apiculture Social organization and Life cycle - Behaviour of Honey bees Unit II: Sericulture Topics:- Moriculture - Vegetative propagation and seeding	10%	As per the guidelines of Academic Deans & Recommendation of course Teachers	L	R	N	G	-	E N T S D

4. New Courses Introduced: NIL

S. NO	COURSE CODE	COURSE TITLE	RELEVANCE TO				SCOPE FOR			Need for Introduction
			L	R	N	G	E M P	E N T	S D	
-	-	NIL	-	-	-	-	-	-	-	-

5. Introduction of Purely Skill-Embedded Certificate / Diploma / Advanced Diploma NIL

S. NO	COURSE CODE	COURSE TITLE	SKILLS SHARPENED	COURSE OUTCOME
-	-	NIL	-	-

6. Approval of Ph.D course Work Syllabus - NIL

7. Rubrics for Internship / Project: NA

S. NO	C1 20 MKS	C2 20 MKS	CIA TOTAL 40 MKS	EXTERNAL 60 MKS
-	-	-	-	-

DETAILS OF PROPOSED / SIGNED MOU: NIL

OTHER SUGGESTIONS

1. Hands-on training may be provided to the Students whenever possible.
2. Biostatistics problems may be worked using real-time data obtained from research articles.
3. Students may be encouraged to write review articles on topic of their interest.

COMMENDATIONS

1. The course Economic Zoology enhances the entrepreneurial skills of Students.
2. Inclusion of Dynamism in the course content imparts current Scientific knowledge to students.

Name of

Signature

1. Head of the Department
Dr. A. Tamil Selvi

[Signature] 15/03/2022

2. University Nominee
Dr. Capt. N. Arun Nagendran

[Signature] 15/3/22

3. Subject Expert
Dr. F. Brisca Renuga

[Signature] 15/3/2022

4. Subject Expert
Dr. R. Uma Maheswari

[Signature] 15/3/22

5. Dr. A. Vanniarajan (Scientist)

[Signature] 15/03/2022

6. Miss. S. Subaratha (Alumna)

[Signature] 15/03/22

7. Dr. N. Malathi (Dean)

Malathi 15/3/22

8. Dr. Antony Amala Jayaseeli

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