

DEPARTMENT ZOOLOGY

NALLAMUTHU GOUNDER MAHALINGAM COLLEGE

POLLACHI - 642001

38th Board of Studies Meeting in the Department of Zoology

24-06-2023& Time: 10.00 am

Agenda

BoS / ZOO 38.1	:	Welcome address and Opening Remarks by Chairman, Board of studies in the DEPARTMENT ZOOLOGY
BoS / ZOO 38.2	:	Confirmation of the Minutes of the 37 th / Previous meeting of Board of studies in the zoology department held on 04- 06-2022 and Action taken report of 13 th meeting of Board of studies
BoS / ZOO 38.3	:	38.3.1 Syllabus of I, II, III BSc Zoology under Regulation 2023
BoS / ZOO 38.4	:	Suggestion given by BOS Members
BoS / DC 38.5	:	Any other items

13- Number of BOS Meeting

BoS/ZOO 38.1 WELCOME ADDRESS AND OPENING REMARKS BY CHAIRMAN, BOARD OF STUDIES IN THE
DEPARTMENT ZOOLOGY

The Chairman, BoS of the Department Zoology welcomed and introduced the members of 38th Board of Studies and thanked each one of them for sparing their valuable time to attend the meeting.

BoS/ZOO 38.2 TO CONFIRM THE MINUTES OF 37th BOS MEETING HELD ON 04-06-2022. The minutes of the 37th
Board of Studies meeting held on 04-06-2022 were communicated to the members. The comments received have been
incorporated and placed for confirmation. The same was approved by the PREVIOUS ACADEMIC MEETING NO.12
Academic council.

BoS/ ZOO 38.3

The panel members gave the following suggestions and recommendations were shown in the table (**Percentage of Revision of B. Sc Zoology Syllabus under Regulation 2023**). The presented syllabus was accepted by the experts.

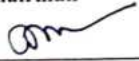
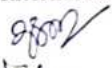
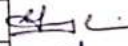
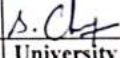
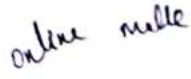
The members had a brainstorming discussion and interaction among themselves. After discussion, fruitful suggestions were incorporated appropriately in the Curriculum and Syllabi.

Based on the suggestions given by the members, BOS resolved to recommend the following to the Academic Council for further approval.

NALLAMUTHU GOUNDER MAHALINGAM COLLEGE, POLLACHI
DEPARTMENT ZOOLOGY
MINUTES OF BOS MEETING

The 38th Meeting of the Board of studies of the DEPARTMENT ZOOLOGY was held on 24-06-2023 at 10.00 a.m. through offline/ ~~online~~ mode

1. The following members were present:

1	Dr. S. Somasundaram Assistant Professor and Head	Chairman 
	Internal Members	Internal Members
2	Dr. M. Durairaju, Associate Professor	
3	Dr. S. Mariselvi, Assistant Professor	
4	Ms. S. Jayalakshmi, Assistant Professor	
5	Dr. G. Christobher, Assistant Professor	
6	Dr. R. Eswaran Associate Professor Dept. of Zoology , The Madurai College (Autonomous), T.P.K. Road, Madurai - 625 011	University Nominee 
7	Dr. V. Gokula Associate Professor and Head Department of zoology National College (Autonomous) Dindigul Road, Tiruchirappalli - 620 001	Academic Auditor 

R. ESWARAN.
M.Sc., M.Phil., Ph.D.,
Department of Zoology,
THE MADURA COLLEGE,
MADURAI 625 011.

8	Dr. P. Thiruchenthilnathan Professor, Dept. of Zoology, Periyar University, Salem	Subject Expert <i>online mode.</i>
9	Mr. R. M. Karthik Kalpatharu Coir Products, <i>KANNI ORGANIC PRODUCTS</i> 4/100, Thannirrai Kaani Thottam Ravanapuram, <i>97907 52220</i> Udumalpet	Industrial Expert <i>R. Karthik</i>
10	Mr. D .S. Makesh kumar Srivilliputhur-Megamalai Tiger Reserve (SMTR) Tamil Nadu Forest Department	Alumnus nominated by Principal / HoD <i>Dr. S. Makesh kumar</i>
11.	Sudharshan Kumar. S (20 ZL 03)	Student Member <i>S. Sudharshan Kumar</i>
12.	DivyaBharathi. A (20 ZL 13)	Student Member <i>Divya Bharathi</i>

[Signature]
HoD
Dr. S. SOMASUNDARAM M.Sc., Ph.D.,
Assistant Professor and Head
Department of Zoology
N.G.M. College, Pollachi
Pollachi - 642 001

[Signature]
CDC Co-ordinator
K. SRINIVASAN, M.C.A.,
Co-ordinator
Curriculum Development Cell (CDC)
NGM College (Autonomous)
Pollachi - 642 001.

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Dr. R. MANICKA CHEZIAN, M.Sc., M.S., Ph.D.,
Controller of Examinations
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1.1.2 b) Percentage of Revision of B. Sc Zoology Syllabus under Regulation 2023

S.No	Course Code	Course Title	Content Deleted	Content Updated	Change details	% of Changes	Reason for Change
1.	23UZY101	CC I :Nonchordata	-	-	NIL	NIL	NIL
2.	23UBY1A1	GE -I Allied : Botany Paper I Invertebrata and Vertebrata	-	-	NIL	NIL	NIL
3.	23UZY202	CC- II : Chordata	-	-	NIL	NIL	NIL
4.	23UZY203	CC Lab - I: Nonchordata & Chordata (Non-Semester Pattern)	-	-	NIL	NIL	NIL
5.	23UBY2A2	GE II Allied :Economic Zoology	-	-	NIL	NIL	NIL
6.	23UBY2A3	GE Allied Lab I: Paper I & II (Non-Semester Pattern)	-	-	NIL	NIL	NIL
7.	23EVS201	Environmental Studies	-	-	NIL	NIL	NIL
8.	23UZY304	CC - III: Cell Biology	-	-	NIL	NIL	NIL
9.	23UZY3N1	Non Major Elective - I : Public Health and Hygiene	-	-	NIL	NIL	NIL
10.	23UZY3N2	Non Major Elective - I : Practical skills in Human Health	-	-	NIL	NIL	NIL
11.	23UZY405	CC - IV :Genetics	-	-	NIL	NIL	NIL
12.	23UZY406	CC Lab - II : Cell biology & Genetics (Non-Semester Pattern)	-	-	NIL	NIL	NIL
13.	23UZY4N3	Non Major Elective - II :Food and Nutrition	-	-	NIL	NIL	NIL
14.	23UZY4N4	Non Major Elective - II : Ornamental Fish Culture	-	-	NIL	NIL	NIL
15.	23UZY507	CC - V: Developmental Biology	-	-	NIL	NIL	NIL
16.	23UZY508	CC- VI :Biotechnology	-	-	NIL	NIL	NIL
17.	23UZY509	CC - VII : Biostatistics & Biophysics	-	-	NIL	NIL	NIL
18.	23UZY510	CC - VIII : Biochemistry	-	-	NIL	NIL	NIL
19.	23UZY5E1	DSE - I : Medical Laboratory Techniques	-	-	NIL	NIL	NIL
20.	23UZY5E2	DSE - I : Poultry Science and Management	-	-	NIL	NIL	NIL
21.	23UZY5E3	DSE - I : Haematology and Clinical Pathology	-	-	NIL	NIL	NIL
22.	23UZY5S4	SEC - III : Apiculture	-	-	NIL	NIL	NIL
23.	23UZY5S5	SEC - III : Biopharmaceuticals	-	-	NIL	NIL	NIL

24.	23UZY5AL	ALC I : Advanced Learner Course : Bioinformatics Optional – Self study	-	-	NIL	NIL	NIL
25.	23UZY611	CC - IX :Animal Physiology and endocrinology	-	-	NIL	NIL	NIL
26.	23UZY612	CC - X :Ecology and Evolution	-	-	NIL	NIL	NIL
27.	23UZY613	CC - XI : Microbiology and Immunology	-	-	NIL	NIL	NIL
28.	23UZY6E4	DSE - II : Sericulture	-	-	NIL	NIL	NIL
29.	23UZY6E5	DSE - II :Insect Pest Management	-	-	NIL	NIL	NIL
30.	23UZY6E6	DSE - II : Parasitology	-	-	NIL	NIL	NIL
31.	23UZY6E7	DSE - III :Aquaculture	-	-	NIL	NIL	NIL
32.	23UZY6E8	DSE - III : Wild life Conservation	-	-	NIL	NIL	NIL
33.	23UZY6E9	DSE -III Dairy farming and Management Technology	-	-	NIL	NIL	NIL
34.	23UZY614	CC Lab- III : Developmental Biology, Animal Physiology & Endocrinology, Biostatistics &Biophysics, Biochemistr, MLT, Heamatology and Clinical pathology and Poultry Science and Management (Non-Semester Pattern)	-	-	NIL	NIL	NIL
35.	23 UZY615	CC Lab- IV: Ecology, Evolution, Biotechnology, Microbiology, Sericulture, Insect pest management, Parasitology, Aquaculture, Dairy Farming and management technology and Wild life conservation (Non-Semester Pattern)	-	-	NIL	NIL	NIL
36.	23UZY6AL	ALC-II : Advanced learner course : Immunotherapeutics	-	-	NIL	NIL	NIL
37.	23UZY6S7	SEC IV : Naan Muthalvan: Cyber security	-	-	NIL	NIL	NIL


BoS Chairman

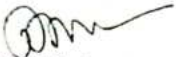
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New Course Added: (IF ANY)

S.No	Year	Semester	Paper Code	% of Change	Paper Title
1.	2023-2026	II	23UEN 2S1	100%	SEC -I- Naan Muthalvan – Professional Skills (Course offered by Department of English)
2.	2023-2026	IV	23UZY4S2	100%	SEC-II- Aptitude for Placement
3.	2023-2026	IV	23UZY4S3	100%	SEC-II- Ethology
4.	2023-2026	V	21UZY5S1	100%	Skill based elective- Bee keeping and Honey processing


BoS Chairman

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List of Courses having focus on local, national, regional and global developmental needs offered by the Department of Zoology- 2023

S.No	Semester	Course Code	Name of the course	Local	National	Regional	Global
1.	I	23UZY101	CC I :Nonchordata		√		
2.	I	23UBY1A1	GE –I Allied : Botany Paper I Invertebrata and Vertebrata		√		
3.	II	23UZY202	CC- II : Chordata		√		
4.	II	23UZY203	CC Lab - I: Nonchordata & Chordata (Non-Semester Pattern)		√		
5.	II	23UBY2A2	GE II Allied :Economic Zoology	√	√	√	
6.	II	23UBY2A3	GE Allied Lab I: Paper I & II (Non- Semester Pattern)		√	√	
7.	II	23EVS201	Environmental Studies		√	√	√
8.	III	23UZY304	CC - III: Cell Biology		√		
9	III	23UZY3N1	Non Major Elective - I : Public Health and Hygiene	√	√		
10.	III	23UZY3N2	Non Major Elective - I : Practical skills in Human Health	√	√	√	
11.	IV	23UZY405	CC - IV :Genetics				√
12.	IV	23UZY406	CC Lab - II : Cell biology & Genetics (Non- Semester Pattern)		√		
13.	IV	23UZY4N3	Non Major Elective - II :Food and Nutrition	√	√		
14.	IV	23UZY4N4	Non Major Elective - II : Ornamental Fish Culture	√			

S.No	Semester	Course Code	Name of the course	Local	National	Regional	Global
15.	IV	23UZY4S2	SEC II : Naan Muthalvan : Aptitude for Placement	√	√	√	√
16.	IV	23UZY4S3	SEC II : Ethology	√	√	√	√
17.	V	23UZY507	CC - V: Developmental Biology		√	√	
18.	V	23UZY508	CC- VI :Biotechnology		√	√	√
19.	V	23UZY509	CC - VII : Biostatistics & Biophysics		√	√	√
20.	V	23UZY510	CC - VIII : Biochemistry		√		
21.	V	23UZY5E1	DSE - I : Medical Laboratory Techniques	√	√	√	
22.	V	23UZY5E2	DSE - I : Poultry Science and Management	√	√	√	
23.	V	23UZY5E3	DSE - I : Haematology and Clinical Pathology	√	√	√	
24.	V	23UZY5S4	SEC - III : Apiculture	√	√	√	√
25.	V	23UZY5S5	SEC - III : Biopharmaceuticals	√	√	√	√
26.	V	23UZY5AL	ALC I : Advanced Learner Course : Bioinformatics Optional – Self study		√	√	√
27.	VI	23UZY611	CC - IX :Animal Physiology and endocrinology		√		
28.	VI	23UZY612	CC - X :Ecology and Evolution	√	√	√	√
29.	VI	23UZY613	CC - XI : Microbiology and Immunology	√	√		
30.	VI	23UZY6E4	DSE - II : Sericulture	√	√	√	
31.	VI	23UZY6E5	DSE - II :Insect Pest Management	√	√	√	

S.No	Semester	Course Code	Name of the course	Local	National	Regional	Global
32.	VI	23UZY6E6	DSE - II : Parasitology	√	√	√	
33.	VI	23UZY6E7	DSE - III : Aquaculture	√	√	√	
34.	VI	23UZY6E8	DSE - III : Wild life Conservation		√	√	
35.	VI	23UZY6E9	DSE -III Dairy farming and Management Technology	√	√	√	
36.	VI	23UZY614	CC Lab- III : Developmental Biology, Animal Physiology & Endocrinology, Biostatistics & Biophysics, Biochemistr, MLT, Heamatology and Clinical pathology and Poultry Science and Management (Non-Semester Pattern)	√	√	√	
37.	VI	23 UZY615	CC Lab- IV: Ecology, Evolution, Biotechnology, Microbiology, Sericulture, Insect pest management, Parasitology, Aquaculture, Dairy Farming and management technology and Wild life conservation (Non-Semester Pattern)	√	√	√	
38.	VI	23UZY 616	Project / Internship	√		√	
39.	VI	23UZY6AL	ALC-II : Advanced learner course : Immunotherpetuics		√		√
40.	VI	23UZY6S6	SEC IV : Naan Muthalvan: Zoology for competitive exams	√	√	√	
41.	VI	23UZY6S7	SEC IV : Naan Muthalvan: Cyber security		√	√	√

BoS Chairman

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List of Courses having focus on employability/ entrepreneurship/ skill development offered by the Department Zoology-2023

S.No	Semester	Course Code	Name of the course	Skill development	Entrepreneurship	Employability	Year of Introduction
1.	I	23UZY101	CC I :Nonchordata	✓			1987
2.	I	23UBY1A1	GE –I Allied : Botany Paper I Invertebrata and Vertebrata	✓	✓		1987
3.	II	23UZY202	CC- II : Chordata	✓			1987
4.	II	23UZY203	CC Lab - I: Nonchordata & Chordata (Non-Semester Pattern)	✓			1987
5.	II	23UBY2A2	GE II Allied :Economic Zoology	✓			2018
6.	II	23UBY2A3	GE Allied Lab : Paper I & II (Non-Semester Pattern)	✓			1987
7.	II	23EVS201	Environmental Studies	✓			
8.	III	23UZY304	CC - III: Cell Biology	✓			1987
9.	III	23UZY3N1	Non Major Elective - I : Public Health and Hygiene	✓			2004
10.	III	23UZY3N2	Non Major Elective - I : Practical skills in Human Health	✓	✓	✓	2022
11.	IV	23UZY405	CC - IV :Genetics	✓			1987
12.	IV	23UZY406	CC Lab - II : Cell biology & Genetics (Non-Semester Pattern)	✓			1987
13.	IV	23UZY4N3	Non Major Elective - II :Food and Nutrition	✓			2004
14.	IV	23UZY4N4	Non Major Elective - II : Ornamental Fish Culture	✓	✓	✓	2004
15.	IV	23UZY4S2	SEC II : Naan Muthalvan : Aptitude for Placement	✓	✓	✓	2023

S.No	Semester	Course Code	Name of the course	Skill development	Entrepreneurship	Employability	Year of Introduction
32	VI	23UZY6E6	DSE - II : Parasitology	✓		✓	2021
33	VI	23UZY6E7	DSE - III :Aquaculture	✓	✓	✓	1987
34	VI	23UZY6E8	DSE - III : Wild life Conservation	✓			2020
35	VI	23UZY6E9	DSE -III Dairy farming and Management Technology	✓	✓	✓	2014
36	VI	23UZY614	CC Lab- III : Developmental Biology, Animal Physiology & Endocrinology, Biostatistics & Biophysics, Biochemistr, MLT, Heamatology and Clinical pathology and Poultry Science and Management (Non-Semester Pattern)	✓		✓	1987
37	VI	23 UZY615	CC Lab- IV: Ecology, Evolution, Biotechnology, Microbiology, Sericulture, Insect pest management, Parasitology, Aquaculture, Dairy Farming and management technology and Wild life conservation (Non-Semester Pattern)	✓		✓	1987
38	VI	23UZY 616	Project / Internship	✓		✓	2021
39	VI	23UZY6AL	ALC-II : Advanced learner course : Immunotherpetuics	✓	✓	✓	2021
40.	VI	23UZY6S6	SEC IV : Naan Muthalvan: Zoology for competitive exams	✓	✓	✓	2022
41.	VI	23UZY6S7	SEC IV : Naan Muthalvan: Cyber security	✓	✓	✓	2022

Bos Chairman

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S.No	Semester	Course Code	Name of the course	Skill development	Entrepreneurship	Employability	Year of Introduction
32	VI	23UZY6E6	DSE - II : Parasitology	✓		✓	2021
33	VI	23UZY6E7	DSE - III : Aquaculture	✓	✓	✓	1987
34	VI	23UZY6E8	DSE - III : Wild life Conservation	✓			2020
35	VI	23UZY6E9	DSE -III Dairy farming and Management Technology	✓	✓	✓	2004
36	VI	23UZY614	CC Lab- III : Developmental Biology, Animal Physiology & Endocrinology, Biostatistics & Biophysics, Biochemistry, MLT, Hematology and Clinical pathology and Poultry Science and Management (Non-Semester Pattern)	✓		✓	1987
37	VI	23 UZY615	CC Lab- IV: Ecology, Evolution, Biotechnology, Microbiology, Sericulture, Insect pest management, Parasitology, Aquaculture, Dairy Farming and management technology and Wild life conservation (Non-Semester Pattern)	✓		✓	1987
38	VI	23UZY6AL	ALC-II : Advanced learner course : Immunotherapeutics	✓	✓	✓	2021
39	VI	23UZY6S6	SEC IV : Naan Muthalvan: Zoology for competitive exams	✓	✓	✓	2023
40	VI	23UZY6S7	SEC IV : Naan Muthalvan: Cyber security	✓	✓	✓	2023


Bos Chairman

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Nallamuthu Gounder Mahalingam College

Department of Zoology

BoS Minutes -2023 – 2024

Ratification moved by Dr. S. Somasundaram, Head, Department of Zoology

- Naan Muthalvan papers introduced in II-Semester (23UEL 2S1), IV Semester (23UZY4S2/23UZY4S3) & VI Semester (23UZY6S6/23UZY6S7) for 2023-2026 Batch.
- Human Rights paper removed from I Semester, Instead of that "EVS" Paper is to be taught in Odd semester & Even Semester for 2023-2026 Batch. Exam will be conducted in even semester

Ratification of 2021-2024 Batch

- In Semester V, Part IV : skill Based Elective –I Course code : 21 UZY 5S1 Titled Net work and information security has been removed, Instead of that paper Course code : 21 UZY 5S1 Course Title : Bee keeping and Honey processing (SBE) has been introduced for 2021-2024 batch

Ratification of 2022-2025 Batch

- In Semester IV, Core Lab – II (22UZY406) Cell Biology and Genetics, VI Semester, Core Lab - III (22UZY614) and Core Lab – IV (22UZY615)– End Semester Practical Exam will be conducted to 50 Marks only for 2022 -2025 Batch.


Bos Chairman

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Principal

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