



**GOVERNMENT ARTS COLLEGE (AUTONOMOUS),  
KARUR – 639 005  
PG & RESEARCH DEPARTMENT OF ZOOLOGY**



**MINUTES OF BOARD OF STUDIES MEET- 16<sup>TH</sup> APRIL, 2021**

The Board of Studies met at 09.30 AM on 16.04.2021 in the Department of Zoology. The following members attended the meeting.

S.No.	Name of the Person	Chairman/Subject expert /Alumnus/ Member
1.	Dr. A. Karthikeyan HOD of Zoology, Government Arts College (A) Karur-5	Chairman
2.	Dr. R. Thirumurugan Professor, Department of Animal Science Bharathidasan University, Tiruchirappalli – 620 024.	Subject expert- BDU-University Nominee
3. P	Dr. S. Sathyabama, Associate Professor and HOD of Zoology, M.V.Muthaiyah Government Arts College for Women, Dindigul.	Subject expert (Other University)
4.	Dr. D. Senthilkumar, Associate Professor & HOD of Zoology Kandasamy Kandar College, P.Velur, Namakkal Dt.	Subject expert (Other University)
5.	Dr. M. Ramesh Associate Professor of Zoology, Periyar EVR College (A), Tiruchirappalli-24	Alumnus
6.	C.Vijay, B.E., M.S., Viba Feeds, (Poultry feed), 5/72B , Near Prasakthi Weigh Bridge, Nallipalayam (Po), Namakkal	Industrialist and Entrepreneur
7.	Mrs. S. Senthamilselvi, Assistant Professor of Zoology, Government Arts College (A) Karur-5	Member
8.	Dr. N. Ilavarasan, Assistant Professor of Zoology, Government Arts College (A) Karur-5	Member
9.	Mr. K. Babu, Assistant Professor of Zoology, Government Arts College (A) Karur-5	Member
10.	Dr. R. Prakash, Assistant Professor of Zoology, Government Arts College (A) Karur-5	Member
11.	Dr. R. Babunath, Assistant Professor of Zoology, Government Arts College (A) Karur-5	Member
12.	Dr. K. Balakrishnan, Assistant Professor of Zoology, Government Arts College (A) Karur-5	Member
13.	Mrs. S. Meenashi, Guest Lecturer of Zoology, Government Arts College (A) Karur-5	Member
14.	Dr. S. Mohanraj, Guest Lecturer of Zoology, Government Arts College (A) Karur-5	Member

The Board of Studies met at 09.30 AM on 16.04.2021 in the Department of Zoology and framed the syllabi for both UG and PG Zoology programmes for the students to be admitted from 2021-21 onwards, considering the recent developments in Zoology, to cater to the requirements of the students and society. The following resolutions were made in the meeting:

## RESOLUTIONS

1. Revised Bloom's Taxonomy can be used for teaching learning and evaluation under the Outcome Based Education to improve the skills of students. All syllabi must be framed keeping this objective in mind. Learning objectives for each course shall be framed keeping the teaching in mind. Course outcomes shall be framed keeping the students' calibre in mind.

### PG Zoology programme:

2. Courses which are highly related to Zoology shall be classified as Core courses. Integrated courses like biostatistics shall be included in Elective courses. For this syllabus prescribed by TANSCHHE shall be followed. Accordingly, Invertebrata and Chordata, Genetics and Evolution shall be framed as separate courses.

3. The new titles shall be as given in the table

S. No.	Present title (2016-17 On wards)	New title (2021-22) onwards
1.	Biology of Invertebrates and Chordates	Structure and functions of Invertebrates
		Comparative anatomy of Chordates
2.	Genetics and Evolution	Genetics
		Evolution
3.	Animal physiology and Behaviour	Comparative Animal physiology
4.	Bimolecular chemistry	Biochemistry
5.	Ecology and Toxicology	Environmental Biology
6.	Research methodology, Biostatistics and Bioinformatics	Research methodology and Biostatistics
		Computer applications and Bioinformatics

4. The new Elective course entitled, Applied Zoology Including Aquaculture, sericulture, vermiculture, Apiculture & Poultry Science, shall be retained in the syllabus.

5. An Elective course entitled, Computer applications and Bioinformatics shall be introduced.

6. Field study can be done by visiting any one of the following: Poultry farm/ Sericulture farm/Vermi-farm/ apiary/ aquaculture pond, shall be a part of the syllabus of practical IV.

7. Suggestions made by the alumnus to include certain aspects of Immunology and Bioinformatics shall be considered.

8. Internship Programme and MOOC can be added with the syllabus for the students who want to earn extra credits. Internship Programme shall be done during the second semester holidays.

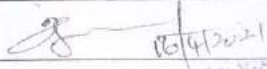
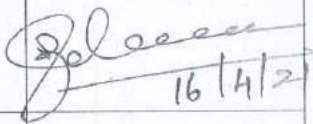
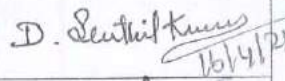
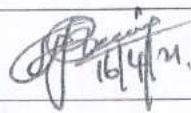
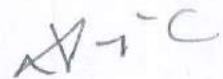
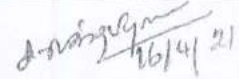
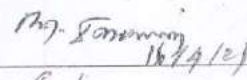
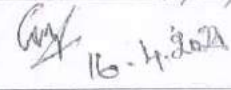
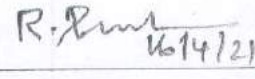
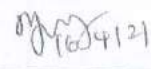
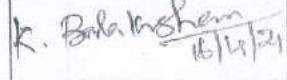
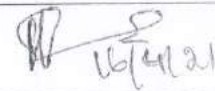
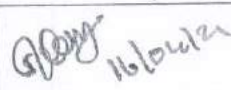
### U.G. Zoology Programme:

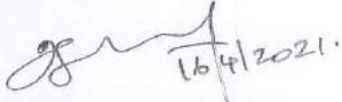
9. New Course entitled, Soft Skills Development shall be introduced in the V semester.
10. The contents of the syllabi were enriched. The change ranged from 30% to 50% in each course.
11. Computer literacy programme and MOOC can be added into the syllabus as an extra credit course for the students who want to earn extra credits.
12. The course animal physiology and biochemistry shall be enriched with endocrinology and muscle physiology
13. Human genetics specialisation shall be added in the course genetics and molecular biology
14. The course Biostatistics and bioinformatics shall be a skill based elective course
15. The course Ecology, toxicology and Evolution can be split into two core courses viz  
i) Ecology and toxicology & ii) Organic evolution to give more importance to the courses highly related to Core Zoology.
16. Changes shall be made in the title of the courses (UG Zoology):

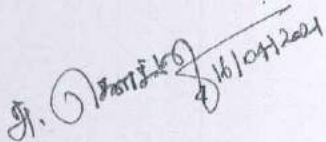
S. No.	Present title(2015-16 On wards)	New Course title (2020-21 onwards)
1.	Ecology, toxicology and Evolution	Ecology and toxicology
		Organic Evolution
2.	Physiology and Biochemistry	Animal Physiology and Biochemistry

The syllabi for both PG and UG Zoology Programmes were framed by the members of the Board of Studies of Zoology following the suggestions made by the subject experts & alumnus. Newly framed syllabi were completely scrutinized by the subject expert, Chairman & members of Board of studies and alumnus. The soft and hard copies of the syllabi and model question papers were sent to Controller of Examination.

**Finally it was resolved to adopt the final Full Fledged New form of syllabi framed by following the Bloom's Taxonomy from the academic year 2021- 22.**

S.No.	Name of the Person	Chairman/Subject expert /Alumnus/ Member	Signature
1.	Dr. A. Karthikeyan HOD of Zoology, Government Arts College (A) Karur-5	Chairman	 16/4/2021
2.	Dr. R. Thirumurugan Professor, Department of Animal Science Bharathidasan University, Tiruchirappalli - 620 024.	Subject expert- BDU-University Nominee	NOT TURNED UP
3.	Dr. S. Sathyabama, Associate Professor and HOD of Zoology, M.V.Muthaiyah Government Arts College for Women, Dindigul.	Subject expert	 16/4/21
4.	Dr. D. Senthilkumar, Associate Professor & HOD of Zoology Kandasamy Kandar College, P.Velur, Namakkal Dt.	Subject expert	 16/4/21
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9.	Mr. K. Babu, Assistant Professor of Zoology, Government Arts College (A) Karur-5	Member	 16-4-2021
10.	Dr. R. Prakash, Assistant Professor of Zoology, Government Arts College (A) Karur-5	Member	 16/4/21
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13.	Mrs. S. Meenashi, Guest Lecturer of Zoology, Government Arts College (A) Karur-5	Member	 16/4/21
14.	Dr. S. Mohanraj, Guest Lecturer of Zoology, Government Arts College (A) Karur-5	Member	 16/4/21

 16/4/2021.  
CHAIRMAN OF BOS - ZOOLOGY

 16/04/2021  
Principal  
Government Arts College (A)  
Thanthonimalai  
Karur-5.

தலைவர் தலைவர்,  
விவகாரப் பகுதி,  
அரசு கலைக் கல்லூரி (கல்வாய்),  
கரூர் - 639 005.