

Government College For Women (Autonomous), Kumbakonam  
Department of Zoology

05.10.2017

Minutes of the Board of studies (B.sc., Zoology) meeting held on 05.10.17 at 9.30 am in the Department of Zoology at Govt. College for Women (A) Kumbakonam.

Members Present

University Nominee:

1. Dr. P. Krishnamoorthy, M.Sc., M.Phil., Ph.D.,

Subject Experts:

1. Mr. V. Ramasubramanian, M.Sc., M.Phil.,

2. Dr. R. Nagarajan, M.Sc., M.Phil., Ph.D., Ph.D.,

Chairman:

1. Dr. S. Venkatalakshmi, M.Sc., M.Phil., Ph.D.,

Faculty:

1. Dr. A. V. Kavitha, M.Sc., M.Phil., Ph.D.,

2. Dr. D. Sournady, M.Sc., M.Phil., Ph.D., PGDCA, PGDDTA,

3. Dr. A. Babby, M.Sc., M.Ed., M.Phil., Ph.D.,

4. Dr. V. Kavitha, M.Sc., M.Phil., Ph.D.,

5. Dr. V. Ravi, M.Sc., M.Phil., B.Ed., Ph.D.,

6. Dr. R. Balasubramanian, M.Sc., M.Phil., Ph.D.,

7. Dr. E. Natarajan, M.Sc., M.Phil., Ph.D.,

8. Dr. M. Govindharajan

Alumnae:

Miss. T. Ananthi, M.Sc., M.Phil.,

Resolution:

1. The Board discussed and finalised the syllabi for the courses to be offered for students of B.Sc., Zoology from 2018-2019 onwards.
2. The Board also discussed and finalised the scheme of examination and panel of examiners.

DEPARTMENT OF ZOOLOGY - Board of studies on 05-10-2017

Minutes for UG Syllabus

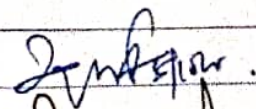
1. New elective courses were introduced with <sup>self</sup> employment values like Ornamental fish culture, sericulture, Fish processing technology, vermiculture, poultry science, and Economic entomology.
2. It is recognised that the reasons for major diseases are due to lack of knowledge in human nutrition. Hence a new elective course on Human nutrition is introduced.
3. Since many hormonal imbalances become common, to give awareness on human endocrine system, a new elective course on Endocrinology was introduced.

4. As per UAC guidelines for discontinuation of animal dissections, dissection softwares, and <sup>web</sup> <sup>of</sup> <sup>boines</sup> were partially introduced as phase I towards removing animal dissections completely from the curriculum in order to save biodiversity and environment.

5. Activity oriented topics and field visits, on the spot studies were introduced in practicals.

Signature of Members Present:

1. Dr. R. Krishnamurthy

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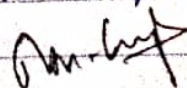
2. Mr. V. Ramasubramanian

- 

3. Dr. R. Nagarajan

- R. Nagarajan - 5/10/17

4. Dr. S. Venkatalakshmi

- 

5. Dr. A. V. Kavitha - 5.10.2017  
 6. Dr. D. Soumady - 5.10.2017  
 7. Dr. A. Babby - 5.10.2017  
 8. Dr. V. Kavitha - 5.10.2017  
 9. Dr. V. Ravi - R. Babby  
 10. Dr. R. Balasubramanian - R. Babby  
 11. Dr. E. Natarajan - 5.10.2017  
 12. Dr. M. Govindkarajan - 5.10.2017  
 13. Miss. J. Ananthi - 5.10.2017

## Department of Zoology

Government College for Women (Autonomous)  
Kumbakonam

5-10-2017

Minutes for the Board of Studies for all PG Programmes meeting held on October 5<sup>th</sup> 2017 at Department of Zoology, Government College for Women (Autonomous), Kumbakonam.

### Members Present

#### University Nominee:

1) Dr. K. Krishnamurthy  
Assistant Professor of Zoology,  
E.V.R. College (Autonomous),  
Trichy

#### Subject Experts:

1. Mr. V. Ramasubramanian, M.Sc., M.Phil.,  
Head & Associate Professor of Zoology  
Government Arts College (Autonomous)  
Kumbakonam.

2. Dr. R. Nagarajan, M.Sc., M.Phil., Ph.D., Ph.D.,  
Principal, A.V.C. College  
Maunampanthal.  
Mailaduthurai

#### Chairman:

Dr. S. Venkatalakshmi  
Head & Associate Professor of Zoology  
Government College for Women (A)  
Kumbakonam.

Faculty:

1. Dr. A. V. Kavitha, Asst. Prof. of Zoology. G.C.W.K.
2. Dr. D. Soumady, Asst. Prof. of Zoology, G.C.W.K.
3. Dr. A. Babby, Asst. Prof. of Zoology. G.C.W.K.
4. Dr. V. Kavitha, Asst. Prof. of Zoology, G.C.W.K.
5. Dr. V. Ravi, Asst. Prof. of Zoology. G.C.W.K.
6. Dr. R. Balasubramanian, Asst. Prof. of Zoology. G.C.W.K.
7. Dr. E. Natarajan, Asst. Prof. of Zoology. G.C.W.K.
8. Dr. M. Govindharajan, Asst. Prof. of Zoology. G.C.W.K.

Aluminae:

Miss. J. Ananthi

Resolutions

1. Chairman welcomed the members of the Board and outlined the Agenda of the meeting.
2. The meeting resolved to adopt the General course structure of the courses offered by the college for M.Sc., Zoology.
3. The core and elective papers were identified - approved.
4. The syllabi for M.Sc., Zoology were upgraded, discussed, finalised and approved.

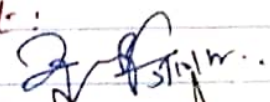
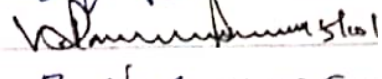
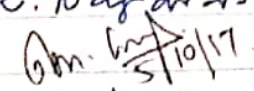
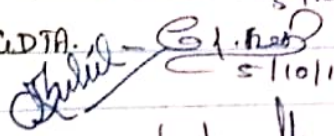
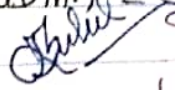
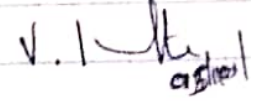

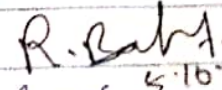

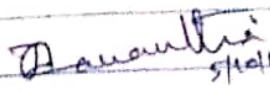
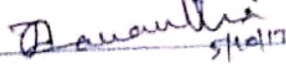
MINUTES - FOR PGT BOARD OF STUDIES

1. To increase the knowledge for PGT students in application of Computers in Biology ~~were~~ ~~added~~ two units were added with Bioinformatics in II semester.
2. As per UGC guidelines that field oriented course is important for Zoology

Students, the subject Ethology that deals with Animal behaviour was added along with Ecology in IV Semester based on Student's Feedback.

3. Since CSIR & NET syllabus give more importance for 'Biodiversity and Conservation' a new Core - Course 'Biodiversity and Conservation' in IV Semester was framed based on alumni feedback.

Name and Signature of the members Present:

1. Dr. R. Krishnamurthy - 
2. Mr. V. Ramasubramanian, M.Sc., M.Phil., - 
3. Dr. R. Nagarajan, M.Sc., M.Phil., Ph.D., Ph.D., - R. Nagarajan 5/11
4. Dr. S. Venkatalakshmi, M.Sc., M.Phil., Ph.D., -  5/10/17
5. Dr. A.V. Icaritha, M.Sc., M.Phil., Ph.D., - A.V. Icaritha 5/10/17
6. Dr. D. Soumady, M.Sc., M.Phil., Ph.D., Ph.DCA, PGDIA -  5/10/17
7. Dr. A. Babby, M.Sc., M.Ed., M.Phil., Ph.D., - 
8. Dr. V. Icaritha, M.Sc., M.Phil., Ph.D., -  5/10/17
9. Dr. V. Ravi, M.Sc., M.Phil., B.Ed., Ph.D., - 
10. Dr. R. Balasubramanian, M.Sc., M.Phil., Ph.D., -  5/10/2017
11. Dr. E. Natarajan, M.Sc., M.Phil., Ph.D., - 
12. Dr. M. Govindharajan - 
13. Mrs. J. Ananthi, M.Sc., M.Phil., - 

Dept. Of Zoology  
UG Board Of studies

Date : 18.02.2020

Venue: Dept. Of Zoology

Time : 10.00 AM.

Minutes for the Board Of studies for UG  
Course meeting held On February 18<sup>th</sup> 2020 at  
Dept. Of Zoology, Govt. College for Women (A),  
Kumbakonam.

### Members present

#### University Nominee

1. Dr. R. Thirumurugan  
Prof. of Animal science  
Bharathidasan University  
Trichy

#### Subject Experts

1. Dr. G. Gunasekaran  
Prof. Of Zoology  
Annamalai University  
Annamalai Nagar.

2. Mr. M. Abanathan  
Asst. Prof. of Zoology  
Govt. Arts College (A)  
Salem.

#### Industrialist

1. Dr. S. M. Martin  
Star Matriculation School  
Kumbakonam.

## Chair Man

Dr. S. Venkatalakshmi

Head & Associate prof. Of Zoology

Govt. college for Women (A), K.M.U.

## Faculty

1. Dr. A.V. Kavitha, Asst. prof. of zoology
2. Dr. D. Soumady, Asst. prof. of zoology
3. Dr. V. Ravi, Asst. prof. of zoology
4. Dr. R. Balasubramaniam, Asst. prof. of zoology
5. Dr. E. Natarajan, Asst. prof. of zoology
6. Dr. M. Govindarajan, Asst. prof. of zoology
7. Dr. K. Bhavani, Asst. prof. of zoology
8. Dr. V. Kavitha, Asst. prof. of zoology
9. Dr. G. Priya, Guest lecturer in zoology
10. Dr. M. Deivanayaki, Guest lecturer in zoology
11. Miss. J. Ananthi, Guest lecturer in zoology

## Alumnus

1. Mrs. S. Nirmala ~~Devi~~ Rani Tamil Selvi

Pg Asst in Zoology

Govt. Hr. Sec. School,

Udhayanatham.

## Signature Of Members present:

1. DR. S. VENKATALAKSHMI	<i>[Signature]</i> 18/2/2020	Dr. V. Ravi	<i>[Signature]</i> 18/2/2020
2. DR. R. THIRUMURUGAN	<i>[Signature]</i> 18/2/2020	Dr. R. Balasubramaniam	<i>[Signature]</i> 18/2/2020
3. DR. G. GUNASEKARAN	<i>[Signature]</i> 18.2.2020	Dr. E. Natarajan.	<i>[Signature]</i> 18/2/2020
4. MR. M. ABAREETHAN	<i>[Signature]</i> 18/2/2020	Dr. M. Govindarajan.	<i>[Signature]</i> 18/2/2020
5. DR. S. MARTIN		Dr. K. Bhavani	<i>[Signature]</i> 18/2/2020
6. MRS. G. NIRIMALA <del>Devi</del>	<i>[Signature]</i> 18/2/2020	Dr. V. Kavitha.	<i>[Signature]</i> 18/2/2020
7. DR. A.V. KAVITHA	<i>[Signature]</i> 18/2/2020	Dr. G. Priya	<i>[Signature]</i> 18.2.20
8. DR. D. SOUMADY	<i>[Signature]</i> 18/2/2020	Dr. M. Deivanayaki	<i>[Signature]</i> 18.2.20
		Miss J. Ananthi.	<i>[Signature]</i> 18/2/20



GOVT.COLLEGE FOR WOMEN (A), KUMBAKONAM

DEPT.OF ZOOLOGY

UG BOARD OF STUDIES MINUTES

VENUE: DEPT.OF ZOOLOGY

DATE: 18.02.2020

TIME: 10.00 A.M

1. The expected programme outcomes and programme specific outcomes were discussed and derived.
2. Core structure was prepared according to UGC prescribed learning outcome based curriculum framework (LOCF) and choice based credit system(CBCS)
3. In course structure, the Allied courses offered by the department should be indicated separately
4. Choices were given for NMEC also.
5. Course objectives were listed out and outcomes were derived to match the objectives.
6. Mapping should be done for revised Blooms taxonomy.
7. Value added courses should be conducted out of the regular class hours. Hence instruction hours should not be given. And also credits were not given for it.
8. Allied Zoology AC-III theory title is changed to General principles and Applied zoology
9. Skill enhancement courses were designed with 1 hour theory and 1 hour practical pattern *for vermitechology and Aquarium fish keeping and* except the SBE-III course entitled "Basic computer application" which is designed as 2hrs practical course.
10. Practical courses were revised to suit the facilities available without compromising the updation of knowledge.
11. The course title ecology was changed to environmental studies as per recent trends in Life sciences
12. Core course practical's were revised according to the course structure
  1. Invertebrata & chordata practical was splited into Invertebrata practical and Chodata practical in semester I and semester II respectively
  2. Cell biology & ecology practical was splited into Cell biology practical and Ecology practical in semester III and semester IV respectively

13. Recent novel microbial diseases were included in microbiology and biotechnology course

14. Choices were given for core courses and major elective courses.

SNO	NAME OF THE STAFF	DESIGNATION	SIGNATURE
1	DR.S.VENKATALAKSHMI	Chairman	<i>[Signature]</i> 18/02/2020.
2	DR.R.THIRUMURUGAN	University Nominee	<i>[Signature]</i> 21/8/2/2020
3	DR.G.GUNASEKARAN	Subject experts	<i>[Signature]</i> 18.2.2020
4	MR.M.ABAREETHAN	Subject experts	<i>[Signature]</i> 18/2/2020
5	DR.S.M.MARTIN	Industrialist	<i>[Signature]</i>
6	MRS.S.NIRMALA RANI TAMIL SELVI	Alumnae	<i>[Signature]</i> 18/02/2020
7	DR.A.V.KAVITHA	Faculty	<i>[Signature]</i> 18/02/2020.
8	DR.D.SOUMADY	Faculty	<i>[Signature]</i> 18/02/2020
9	DR.V.RAVI	Faculty	<i>[Signature]</i> 18/02/2020
10	DR.R.BALASUBRAMANIAM	Faculty	<i>[Signature]</i> 18/02/2020
11	DR.E.NATARAJAN	Faculty	<i>[Signature]</i> 18/2/2020
12	DR.M.GOVINDARAJAN	Faculty	<i>[Signature]</i> 18/02/2020
13	DR.K.BHAVANI	Faculty	<i>[Signature]</i> 18/02/2020
14	DR.V.KAVITHA	Faculty	<i>[Signature]</i> 18/2/20
15	DR.G.PRIYA	Faculty	<i>[Signature]</i> 18.2.20
16	DR.M.DEIVANAYAKI	Faculty	<i>[Signature]</i>
17	MISS.J.ANANTHI	Faculty	<i>[Signature]</i> 18/2/20

PGI Board Of Studies : 18/02/2020

Date: 25.02.2020

Venue: Dept. Of Zoology

Time: 11

Minutes for the Board Of Studies for PGI Course meeting held on February 18<sup>th</sup> 2020 at Dept. Of Zoology, Govt. College for Women (Autonomous), Kumbakonam.

### Members present

#### University Nominee

1. Dr. R. Thirumougan  
Prof. Of Animal Science,  
Bharathidasan University  
Tiruchy.

#### Subject Experts

1. Dr. G. Gunasekaran  
Prof. Of Zoology  
Annamalai University  
Annamalai Nagar.

2. Mr. M. Abareethan  
Asst. prof of zoology  
Govt. Arts College (A)  
Salem.

#### Industrialist :

1. Dr. S.M. Martin  
Star Matriculation School,  
Kumbakonam.

Chairman:

Dr. S. Venkatalakshmi  
Head & Associate prof. Of Zoology  
Govt. College for Women (A), Kumbakonam

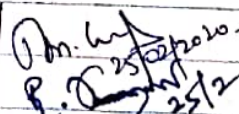
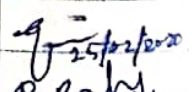
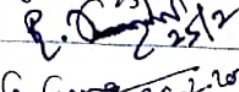
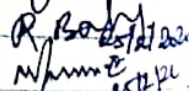
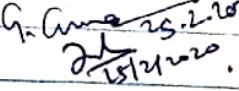
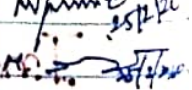
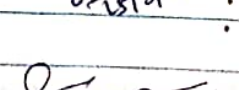
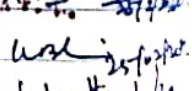
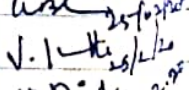
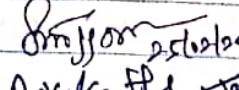
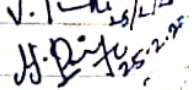

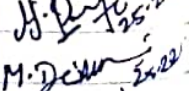
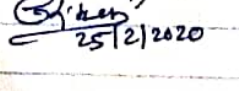
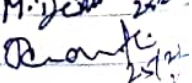
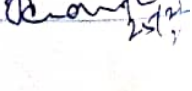
Faculty:

1. Dr. A.V. Kavitha, Asst. prof. of Zoology GICWK
2. Dr. D. Soumady Asst. prof. of Zoology, GICWK
3. Dr. V. Ravi Asst. prof. of Zoology, GICWK
4. Dr. R. Balasubramaniam, Asst. prof. of Zoology GICWK
5. Dr. E. Natarajan Asst. prof. of Zoology, GICWK
6. Dr. M. Govindarajan Asst. prof. of Zoology GICWK
7. Dr. K. Bhavani Asst. prof. of Zoology, GICWK
8. Dr. V. Kavitha Asst. prof. of Zoology, GICWK
9. Dr. G. Priya, Guest lecturer in Zoology GICWK
10. Dr. M. Deivanayagi, Guest lecturer in Zoology GICWK
11. Miss. J. Ananthi, Guest lecturer in Zoology, GICWK

Alumni

1. Mrs. S. Nirmala ~~de~~ Rani Tamil Selvi  
PG. Asst in Zoology,  
Govt. Hr. Sec. school,  
Udhayanatham,

Signature of Members present:

1. DR. S. VENKATALAKSHMI		Dr. V. Ravi	
2. DR. R. THIRUMURUGAN		Dr. R. Balasubramaniam	
3. DR. G. GUNASEKARAN		Dr. E. Natarajan	
4. MR. M. ABAREETHAN		Dr. M. Govindarajan	
5. DR. S. MARTIN		Dr. K. Bhavani	
6. MRS. G. NIRMALA <del>de</del>		Dr. V. Kavitha	
7. DR. A. V. KAVITHA		Dr. G. Priya	
8. DR. D. SOUMADY		Dr. M. Deivanayagi	
		Miss. J. Ananthi	

GOVT. COLLEGE FOR WOMEN (A), KUMBAKONAM  
DEPT. OF ZOOLOGY  
PG BOARD OF STUDIES MINUTES

DATE: 25.02.2020  
TIME: 10.00AM

VENUE: STAFF ROOM ( DEPT. OF ZOOLOGY)

1. The programme outcomes, programme specific outcomes for M.Sc., Zoology derived by the department faculty were discussed and suggestion were given for further improvement.

2. The course structure of M.Sc., was discussed and the board accepted to proceed by the common course structure prescribed by IQAC of the college.

3. The recently published reference books were added wherever it is required.

4. The syllabus for new core courses introduced- Entomology was framed and approved.

5. The title of the course Aquaculture was changed to Fisheries and Aquaculture. The content of the syllabus were refined accordingly with minor changes

6. The new courses on "Diet for healthy life" was introduced as an extra disciplinary course for the non Zoology students. The syllabus for the same was framed and approved.

7. Additional choices for major based elective courses were introduced. For that purpose the following new courses were added

**I Semester** 1.Reproductive Endocrinology

2. Beekeeping

**II Semester** 1.Fish processing technology

2. Tools & Techniques in Biology

**III Semester** Commercial Zoology

Nutrition and Dietics

**IV Semester** Silkworm culture techniques and marketing management

Diary Science

The syllabus for the above courses were framed and approved

8. For PG Programme, Skill based elective courses were introduced in the course structure. For that, the following course were introduced .Syllabus were framed and approved.

**I Semester** English Grammar for communication and Scientific writing

**II Semester** Taxonomy of Fishes

9. Self study course entitled - Life sciences for SET/CSIR Examination was introduced in the III semester. The syllabus for the same was framed and approved.

10. Course objectives and outcomes for all courses were derived.

SNO	NAME OF THE STAFF	DESIGNATION	SIGNATURE
1	DR.S.VENKATALAKSHMI	Chairman	<i>[Signature]</i> 25/2/2020
2	DR.R.THIRUMURUGAN	University Nominee	<i>[Signature]</i> 25/2/2020
3	DR.G.GUNASEKARAN	Subject experts	<i>[Signature]</i> 25/2/2020
4	MR.M.ABAREETHAN	Subject experts	<i>[Signature]</i> 25/2/2020
5	DR.S.M.MARTIN	Industrialist	<i>[Signature]</i>
6	MRS.S.NIRMALA RANI TAMIL SELVI	Alumnus	<i>[Signature]</i> 25/02/2020
7	DR.A.V.KAVITHA	Faculty Member	<i>[Signature]</i> 25/2/2020
8	DR.D.SOUMADY	Faculty Member	<i>[Signature]</i> 25/02/2020
9	DR.V.RAVI	Faculty Member	<i>[Signature]</i> 25/02/2020
10	DR.R.BALASUBRAMANIAM	Faculty Member	<i>[Signature]</i> 25/2/2020
11	DR.E.NATARAJAN	Faculty Member	<i>[Signature]</i> 25/2/2020
12	DR.M.GOVINDARAJAN	Faculty Member	<i>[Signature]</i> 25/02/2020
13	DR.K.BHAVANI	Faculty Member	<i>[Signature]</i> 25/02/2020
14	DR.V.KAVITHA	Faculty Member	<i>[Signature]</i> 25/2/20
15	DR.G.PRIYA	Faculty Member	<i>[Signature]</i> 25.2.20
16	DR.M.DEIVANAYAKI	Faculty Member	<i>[Signature]</i> 25/2/20
17	MISS.LANANTHI	Faculty Member	<i>[Signature]</i> 25/2/20