



GOVERNMENT COLLEGE FOR WOMEN (AUTONOMOUS)

KUMBAKONAM – 612 001

Affiliated to Bharathidasan University

DST - CURIE Sponsored Institution

IV Cycle of Accreditation

 **0435 – 2401391**

 **principal@gcw.ac.in**



CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.4 RESEARCH PUBLICATIONS AND AWARDS

3.4.1 Code of Ethics for Research and Implementation

Presence of Institutional Ethics Committee



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Research Ethics and Advisory Committee

RESEARCH ETHICS COMMITTEE

Dean of Arts	:	Dr. S. Ahila
Dean of Sciences	:	Dr. R. Radha
Dean of Research	:	Dr. S. Venkatalakshmi
IQAC Co-ordinator	:	Dr. F. Kurus Malai Selvi




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CODE OF ETHICS FOR PART TIME / FULL TIME RESEARCH SCHOLARS

1. Communication of Ph.D. Viva-Voce Examination should be circulated to all the Departments atleast 15 days prior to the event.
2. Pre-Ph.D. Viva-Voce will have to be conducted to streamline the conduct of the event.
3. PG Students alone should attend the Ph.D. Public Viva-Voce Examination. PG Students from inter-disciplinary departments can also be allowed to attend the Viva-Voce.
4. Research Supervisor should ensure the participation of Research Scholars / PG students/ Staff from nearby colleges in the Public Viva-Voce Examination.
5. Presence of a senior most faculty member either from Arts/Humanities/Science is mandatory to ensure that the Public Viva-Voce is conducted in letter and spirit.
6. The candidates while defending the thesis should not simply read the prepared text. They should prepare a PPT presentation and present the results facing the audience. The audience should have the liberty to raise question at any point of time (if necessary).
7. Referee reports should be made public on the day of Viva-Voce Examination and the defence/response of the candidate elicited.
8. Research Supervisors in Arts/Humanities should avoid giving topics to candidates that may lead to social unrest/tension.
9. Candidates should ensure that the results are made accessible to the public once it is completed.
10. Safety protocol should be ensured in all research activities.
11. Research Supervisor should make sure that laboratory / animal wastes are properly disposed of or treated so that they do not impact the green environment of the institution. Perfect compliance of ethics in animal sciences and chemistry will have to be ensured.
12. Publication of results in paid journals should be avoided.
13. An endorsement from the Research supervisor status that the code of ethics has been scrupulously adopted has to be submitted to the R & D cell at the end of Ph.D Viva-Voce.




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Endorsement for Virtual Dissection of Animals

Department of Zoology

Department of Zoology is conducting practical classes as per UGC guidelines for the discontinuation of animal dissections.

Head of the Department of Zoology
**HEAD OF THE DEPARTMENT OF ZOOLOGY
GOVT. COLLEGE FOR WOMEN,
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CORE COURSE IV-CHORDATA-PRACTICAL

Course Code: U21ZC204P

Practical Hours	:3	Credits	:3
Exam Hours	:3	Marks	:40+60

Objectives:

- To study the diversity of chordates.
- To understand the origin and evolution of prochordates.
- To understand the adaptations in chordate groups.

MAJORPRACTICAL:

1. Dissection of Fish digestive system - **Demonstration only**
2. Dissection of Fish-5th Cranial nerve, 9th and 10th cranial nerves **Demonstration only**
3. **Virtual Dissection** of Frog digestive system using video clippings
4. **Virtual Dissection of Frog nervous system** using video clippings
5. **Virtual Dissection of Frog Male and female** urinogenital system using video clippings

MINORPRACTICAL:

1. Mounting of Shark Placoid scales
2. Mounting of Flat fish Ctenoid scales
3. Observation of roeggs and tadpoles in fields.
4. Observation of meta morphosis in frogs.

SPOTTERS: (Observation of Museum Specimens)

A. CLASSIFYGIVINGREASON

Prochordata: Amphioxus, Petromyson; **Pisces:** Shark, Clarius, Hippocampus;
Amphibia:

Alytes, Hyla ; **Reptilia:** Calotes, *Chelonemydas*; **Aves:** Pigeon; **Mammalia:** Bat, Rabbit

B. RELATETHESTRUCTUREANDFUNCTIONS

Fish: Echeneis, Exocoetus; **Reptilia:** Draco; **Aves:** Quillfeather; **Mammalia:** Bat

C. BIOLOGICALANDEVOLUTIONARYSIGNIFICANCE

Prochordata: Ascidian, Tornarialarva; **Pisces:** Eel, *Gambusia*; **Amphibia:** Axolotllarva;

Reptilia: Chaemeleon; **Aves:** Passer; **Mammals:** Manis.

D. ANIMALADAPTATIONS

Pisces: Echeneis; **Amphibia:** Ichtyophis; **Reptilia:** Varanus; **Aves:** Dinopium;

Mammals:

Macropus.

E. IDENTIFYANDDRAWDIAGRAM/DENTITIONFORMULA

Dentition in Rabbit, Dentition in Dog, Dentition in Man, Frog skull, Frog pectoral girdle, Frog pelvic girdle, Frog forelimb bones, Frog hindlimb bones.



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MINUTES OF THE RESEARCH ADVISORY COMMITTEE



09/08/2018 -

Minutes of the Research Ethics Committee.

Venue: Council Hall.


A meeting of the Research Ethics Committee was held on 09/08/2018 and the following resolutions were taken.


1. The committee recommended the conduct of workshop for the teaching fraternity to facilitate them mobilize resources for their research.
2. The code of ethics and guidelines for part time / full time research scholars were framed.
3. It was unanimously decided that Research Advisors (RAs) should lead by example and avoid giving personal work to research scholars.
4. All publications should conform to discipline specific good practices.
5. The authors should take up personal responsibility for their research outcome.



6. Contribution from Collaborators should be properly acknowledged.
7. Funding agencies should be acknowledged.
8. The authors should be able to identify their contribution to the research output in the form of a paper / book / patent etc.
9. Honorary authorship should be discouraged.
10. Since PA projects of students from Arts & Humanities involve (mostly) surveys where human information may be collected (personal or otherwise), Research Supervisors should ensure (i) privacy (ii) confidentiality (iii) anonymity and (iv) consent of the individual concerned.


Dr. R. RADHA, M.Sc., M.Phil., Ph.D., FASCH.,
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10/07/2019.

MINUTES OF THE RESEARCH ETHICS COMMITTEE.

Research Ethics Committee met on 10/07/2019 at Council Hall and a consensus on the following issues was reached.

1. Need for updating the Code of Ethics for research scholars in the context of oral practices occurring in other institutions was emphasized.
2. A Certificate from the Research Advisor that the Public Viva Voce Examination for Ph-D was conducted in letter and spirit and the candidate answered all the questions raised by the adjudicators of the Thesis.
3. Research scholars will have to enlighten about ethical practices in research like plagiarism, impersonation, behaviour in research labs etc.


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09/12/2020


MINUTES OF RESEARCH ETHICS COMMITTEE

A meeting of Research Ethics Committee was convened 09/12/2020 and the following issues were discussed:

1. The committee discussed the challenges in monitoring the progress of research scholars during the Pandemic.
2. The conduct of PA practicals during the Pandemic.
3. Preparation of PA thesis/dissertation and the preparatory work in the laboratory for synthesizing samples etc.
4. Plagiarism detection software employed by Bharathidasan University, Uokundu (free of cost) has been informed to research scholars.


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31/08/2021

MINUTES OF RESEARCH ETHICS COMMITTEE.

Research Ethics Committee met on 31/08/2021 and the following resolutions were adopted.

1. All research scholars should be aware of Intellectual property Rights and Plagiarism.
2. All the research scholars were informed of the resources available at the General Library with reference to the access of INFLIBNET (journals, thesis, open resources etc.)
3. Research scholars should respect the law of the land with respect to testing on animals, handling of bioresources and hazardous chemicals etc.

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25/07/22

MINUTES OF RESEARCH ETHICS COMMITTEE.

Research Ethics Committee met on 25/07/22 and the following resolutions were taken.

1. A workshop on "Resources mobilization from funding agencies" can be organized to help the teachers establish centres of excellence in their research domain.
2. The necessity to create an awareness among PA students to apply for students projects from Tamil Nadu State Council for Higher Education (TANSHHE) and Tamil Nadu State Council for Science and Technology (TANSCST) was discussed.
3. Denying access to information/resources, impersonation, defamation/harassment/bullying, wrongly claiming/appropriating others achievements as own, piracy, abuse of research resources are considered to be a misconduct in research and these practices will be subject to stringent disciplinary action.



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4. DST-CURIE Project monitoring Committee can be constituted and its modalities can be framed.
5. Feel the necessity to create an awareness on calculating Impact Factor of Peer reviewed journals, h-index of the teachers, creation of Scopus id and Orcid id for web of Science indexing.

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(சென்னை)
பொருள்வழி அமைச்சு
(சென்னை)
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