



Holy Cross College (Autonomous) Nagercoil – 629 004

**Affiliated to Manonmaniam Sundaranar University, Tirunelveli
Nationally Accredited with A+ Grade (CGPA 3.35) by NAAC IV Cycle
An ISO 9001:2015 Certified Institution**

**SSR
2019-2020
to
2023-2024**

3.4.1. The Institution ensures implementation of its stated Code of Ethics for research

Code of Ethics and Ethical Clearance Report

2023-2024



CODE OF ETHICS FOR RESEARCH

**HOLY CROSS COLLEGE (Autonomous)
Nagercoil - 629 004, Tamilnadu, India
Affiliated to Manonmaniam Sundaranar University, Tirunelveli
Accredited with A+ Grade (CGPA 3.35 - IV Cycle) by NAAC**



Code of Ethics for Research

Research at Holy Cross College (Autonomous), Nagercoil, is guided by the principles of integrity, honesty, and respect for all individuals and communities involved. This Code of Ethics provides guidance to all faculty, research scholars, and students conducting research at our College. It includes procedures for collecting, analyzing, processing, and disseminating research data, and the publication of research findings. This code applies to all Project Reports, Dissertations, Theses, and Research Articles submitted to the Institution/ University/ Funding agency and Research Journals.

Academic Integrity and Honesty

Researchers must uphold integrity and honesty in all facets of their research endeavors.

- Ensure all stages of research, from topic selection and data collection to analysis and presentation of findings, are conducted with honesty.
- Maintain detailed records of all research-related activities, such as literature reviews, research designs, data collection, analysis, interpretation, manuscript drafts, and correspondence with funding organizations or journals to ensure consistency and quality in decision-making and actions.
- Exercise diligence to avoid careless errors and negligence throughout the research process.
- Present research findings accurately, without manipulation.
- Strive to improve skills and stay informed about developments in the research field through proper training.

Professional and Ethical Standards in Publications

Authors of research articles are expected to adhere to standard guidelines.

- Ensure the work is unpublished and free from copyright violations.
- Obtain proper approval from all co-authors.
- Follow all norms and conventions associated with conducting original research.
- Attribute references and provide proper citations.
- Adhere to journal guidelines and accept reviewers' corrections respectfully and implement suggested changes.
- Ensure that the manuscript adheres to ethical standards in research, including the appropriate treatment of human subjects, animals, and sensitive data.
- Acknowledge the contributions of individuals, as well as laboratories, institutions, and funding agencies that have provided support or assistance to the research work but do not meet the criteria for authorship.
- Check manuscripts for originality using "Plagiarism Checker Software" available at the College Library.



Respect for Contributors in Research

Researchers must uphold the dignity, rights, and privacy of all individuals contributing in research studies.

- ✦ Obtain informed consent from research contributors.
- ✦ Seek prior permission from cited authors/ publishers, wherever necessary.
- ✦ Properly attribute and acknowledge the source of information in accordance with the rules, regulations, and conventions governing the source.

Objectivity and Impartiality

Researchers must maintain objectivity and impartiality in their research endeavors.

- ✦ Conduct data collection and analysis transparently, enabling scrutiny and replication by peers.
- ✦ Avoid conflicts of interest or biases.

Social Responsibility

Researchers bear a responsibility to contemplate the wider societal implications of their research activities.

- ✦ Contribute to knowledge advancement and community well-being.
- ✦ Approach research involving vulnerable populations with sensitivity and caution, considering their distinct needs and circumstances.

Intellectual Property and Authorship

Researchers must uphold Intellectual Property Rights (IPR) and acknowledge the contributions of others in their work.

- ✦ Properly attribute sources and authorship.
- ✦ Collaborate and work in teams with mutual respect, fairness, and transparency.
- ✦ Establish clear agreements regarding roles, responsibilities, and ownership of intellectual outputs.

Compliance with Regulations and Ethical Standards

Researchers must adhere to all relevant laws, regulations, and ethical standards governing research, encompassing institutional policies, guidelines, and professional codes of conduct.

- ✦ Establish ethical review to uphold the highest ethical standards and safeguards in research involving human subjects, animals, or sensitive data.
- ✦ Familiarize with Institutional and University rules and regulations, as well as Governmental policies.
- ✦ Promote social well-being and mitigate or reduce social harms through research activities.



Accountability and Transparency

Researchers are accountable for their actions and must maintain transparency.

- ✦ Maintain transparency regarding methods, findings, and conflicts of interest.
- ✦ Report any misconduct or breaches of this Code of Ethics promptly through appropriate channels.

Code of Ethics for Reviewers

Reviewers are entrusted with the responsibility to uphold the integrity and quality of the peer review process by adhering to ethical standards.

- ✦ Maintain the confidentiality of the peer review process.
- ✦ Evaluate manuscripts objectively and impartially.
- ✦ Provide constructive criticism to authors respectfully and courteously.
- ✦ Complete the reviews in a timely manner, adhering to the deadlines.
- ✦ Alert editors to any ethical concerns identified during the review process.

Institutional Responsibility

Institutions have a duty to cultivate an ethical and supportive academic environment that upholds professional research standards.

- ✦ The Principal, Heads of Departments, Librarian, and Faculty are responsible for fostering a transparent academic environment that promotes professional and ethical research practices.
- ✦ Research supervisors are responsible for offering appropriate supervision and guidance to researchers, aligning with Institutional and University's guidelines on supervisory relationships, progress assessments, and conflict resolution procedures.
- ✦ The Research Ethics Committee (REC) oversees and addresses any instances of misconduct or violations of research ethics.

This Code of Ethics for Research serves as a foundation for upholding integrity, responsibility, and respect in all research activities conducted within Holy Cross College (Autonomous), Nagercoil. By adhering to this Code of Ethics, researchers affirm their commitment to the pursuit of knowledge for the betterment of society while maintaining the highest ethical standards.

Adi



2019-2023



Phone : 04652 - 261473
Fax : 04652 - 260704

HOLY CROSS COLLEGE (AUTONOMOUS)

(Re-Accredited with 'A' Grade (CGPA3.34) by NAAC)

Nagercoil - 629 004.

Kanyakumari Dt., Tamilnadu

E.mail : holycrossngo@yahoo.com

website:www.holycrossngl.edu.in

CODE OF ETHICS

Besides having its own policy, the institution's definition of Research misconduct and procedures for investigating and reporting allegations of misconduct also conform to the definitions and regulations of the UGC (<https://www.ugc.ac.in/pdf/news/7771545academic-integrity-Regulation2018.pdf>) and the Manonmaniam Sundaranar University which has a policy on this subject.

- Forbid any misconduct in any aspect of research or scholarly endeavour undertaken by faculty, students, visiting scholars and post docs.
- Disqualify all breach of academic integrity, plagiarism in proposing, performing or reviewing research or in reporting research results are disqualified.
- Hardly condone reckless disregard for accuracy, failure to supervise adequately and other lapses in professional conduct or negligence of academic duties.
- Plagiarism detection by using URKUND and other software for all research work, research proposals and supporting statements.
- Citation should be done with care and according to the practices demanded by the discipline.
- Substantial changes in the content of the research or approach in its production are duly acknowledged.
- Animal care and welfare should be ensured by the research committee while conducting research on animals.

Plagiarism Checker Software

1. <https://www.plagiarismsoftware.net/>
2. <https://www.duplichecker.com>
3. <https://www.quetext.com/>
4. <https://searchenginereports.net/plagiarism-checker>
5. <https://www.copyscape.com/plagiarism.php>
6. <https://edubirdie.com/plagiarism-check>
7. www.plagramme.com


PRINCIPAL
Holy Cross College
(AUTONOMOUS)
Nagercoil - 629 004



Botany

TAMILNADU BIODIVERSITY BOARD



A.Udhayan, IFS.,
APCCF & Secretary

Tel: 044-22782722 & 044-22782730
Email: secy.tnbb@tn.gov.in
Website: <http://www.tnbb.in>

TBGP Campus, II Floor
Velcherry-Tambaram Main Road
Nanmangalam, Medavakkam Post
Chennai-600 100, Tamil Nadu.



Ref No. TNBB/ 644/2018, Dated:21 .12.2018.

To

S.Ani Besant,
Research scholar,
Department of Botany,
Holy Cross College (Autonomous),
Nagercoil.

Through

Dr. Anami Augustus Arul,
Supervisor,
Department of Botany,
Holy Cross College (Autonomous),
Nagercoil.

Madam,

Sub: Seeking permission to carry out taxonomic study in Velimalai Reserve forest – regarding

Ref: S. Ani Besant, (Research scholar) letter, Dated: 12.12.2018.

With reference to the request made in the letter cited, it is informed that your requisition letter to carry out research in the Velimaini Reserved forest area /Protected area has not mentioned any specific permission for collection of endangered species notified under Section 38 of the Biodiversity Act 2002 and hence Tamil Nadu Biodiversity Board can not issue any permission at this stage.

2) Hence, you are directed to apply for necessary permission from the Principal Chief Conservator of Forests & Chief Wildlife Warden of Forest Department in the prescribed format. The format for applying for necessary permission to the Principal Chief Conservator of Forests & Chief Wildlife Warden is available on the Tamil Nadu Forest Department Website (www.forests.tn.gov.in).

3) If in future, collection of any endangered species notified under Section 38 of the Biodiversity Act 2002 is envisaged, the Tamil Nadu Biodiversity Board will consider granting permission.

Copy submitted to ^{IFS} Principal Chief Conservator of Forests & Chief Wildlife Warden for kind information

Yours faithfully,

Secretary,

Tamil Nadu Biodiversity Board.

21/12/18

21/12-2018



TAMILNADU BIODIVERSITY BOARD



A.Udhayan, IFS.,
APCCF & Secretary

Tel: 044-22782722 & 044-22782730
Email: secs_tnbb@tn.gov.in
Website: <http://www.tnbb.tn.gov.in>

TBGP Campus, II Floor
Velacherry-Tambaram Main Road
Nammangalam, Medavakkam Post
Chennai-600 100, Tamil Nadu.



Ref No. TNBB/ 645/2018, Dated:20.12.2018.

To

R. Blessy,
Research scholar,
Department of Botany,
Holy Cross College (Autonomous),
Nagercoil.
Through
Dr. Anami Augustus Arul,
Assistant Professor & Research Supervisor,
Holy Cross College (Autonomous),
Nagercoil.

Madam,

Sub: Seeking permission to collect 2-3 tubers and leaves from Mangamalai tribal settlement of Kanyakumari district – regarding

Ref: R. Blessy (Research scholar) letter, Dated: 12.12.2018.

With reference to the request made in the letter cited, it is informed that your requisition for collection of 2-3 tubers and leaves of *Anaphyllum wightii* from Mangamalai tribal settlement of Kanyakumari district falls under Reserved forest area /Protected area, and hence granting research permission is under the domain of Forest Department.

2) As the species mentioned for collection is not found in the list of threatened plants issued by Government of India Gazette notification, the approval from Tamil Nadu Biodiversity Board under Section 38 of the Biodiversity Act 2002 is not required and hence necessary permission may be obtained from Forest Department alone.

3) The format for applying for necessary permission to the Principal Chief Conservator of Forests & Chief Wildlife Warden is available on the Tamil Nadu Forest Department Website (www.forests.tn.gov.in).

Yours faithfully,


Secretary,

Tamil Nadu Biodiversity Board.

Copy submitted to ^{the} Principal Chief Conservator of Forests & Chief Wildlife Warden for kind information


20/12/18



Zoology



Estd : 1987

S.A. RAJA PHARMACY COLLEGE

RAJA NAGAR, VADAKANGULAM - 627 116.
TIRUNELVELI DISTRICT, TAMIL NADU.

Approved by
Govt. of Tamil Nadu
G.O. M.S. No. 961 dt.28/06/1993

Affiliated to The Tamil Nadu,
Dr. M.G.R. Medical University,
Chennai

Approved by Pharmacy Council of India, New Delhi.
No. 17-1/2001-PC1-1208-1438 dt: 8/6/2001.

Recognized by, AICTE, New Delhi.
F.No. 06/05/TN/PHPR/2002/001 dt: 30/04/2003

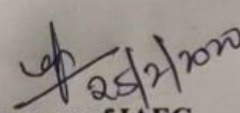
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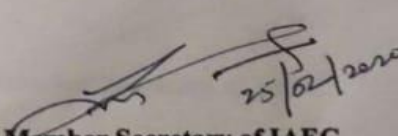
Date: 25-02-2020

INSTITUTIONAL ANIMAL ETHICAL COMMITTEE CLEARANCE

CERTIFICATE

This is to certify that the proposal entitled "*Assessment of Anticancerous property of a sialic specific lectin isolated from an estuarine crab metapograpusmessor*" submitted by Dr. A. Punitha faculty Holy Cross College, Nagercoil have been approved (Approval No: SARPC/IAEC/020/2020) by the IAEC (REG.NO 2009/PO/RE/S/18/CPCSEA) meeting held on 1-02-2020 & 02-02-2020 at S. A. Raja Pharmacy College, Vadakkangulam.


Chairperson of IAEC


Member Secretary of IAEC


Principal

DR. N. BALAKRISHNAN, M.Pharm., Ph.D.,
PRINCIPAL
S.A. RAJA PHARMACY COLLEGE
RAJA NAGAR, VADAKANGULAM, TAMIL NADU



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sarpharmc123@gmail.com



Estd : 1987

S.A. RAJA PHARMACY COLLEGE

RAJA NAGAR, VADAKANGULAM - 627 116.
TIRUNELVELI DISTRICT, TAMIL NADU.

Approved by
Govt. of Tamil Nadu
G.O. M.S. No. 961 dt:28/06/1993

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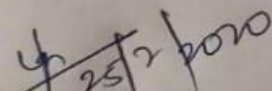
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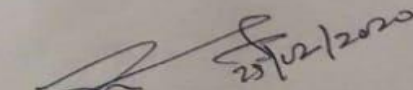
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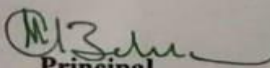
INSTITUTIONAL ANIMAL ETHICAL COMMITTEE CLEARANCE

CERTIFICATE

This is to certify that the proposal entitled "Anti cancer activity of a lectin purified from a marine *Carb oziustuberculosis*" submitted by Dr. Sr. M.R. Basil Rose faculty Holy Cross College, Nagercoil have been approved (Approval No: SARPC/IAEC/017/2020) by the IAEC (REG.NO 2009/PO/RE/S/18/CPCSEA) meeting held on 1-02-2020 & 02-02-2020 at S. A. Raja Pharmacy College, Vadakkangulam.


Chairperson of IAEC


Member Secretary of IAEC


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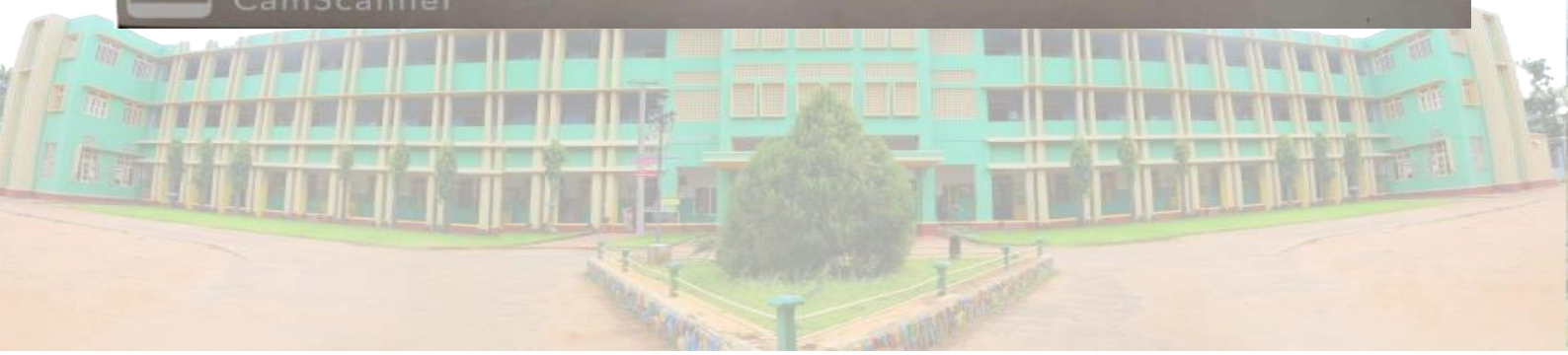
Dr. N. BALAKRISHNAN, M.Pharm..Ph.D.,
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F.No. 06/05/TN/PHPR/2002/001 dt: 30/04/2003

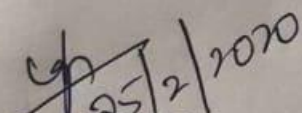
Ref. No: SARPC /IAEC / 753/2020/ 04

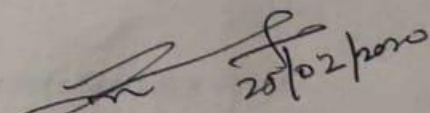
Date: 25-02-2020

INSTITUTIONAL ANIMAL ETHICAL COMMITTEE CLEARANCE

CERTIFICATE

This is to certify that the proposal entitled "**Purification and characterization of a lectin from a fresh water Crab *Oziotelphusa naga***" submitted by **Dr. Mary Mettilda Bai** faculty **Holy Cross College, Nagercoil** have been approved (**Approval No: SARPC/IAEC/019/2020**) by the IAEC (**REG.NO 2009/PO/RE/S/18/CPCSEA**) meeting held on 1-02-2020 & 02-02-2020 at S. A. Raja Pharmacy College, Vadakkangulam.


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