



Republic of the Philippines
Department of Education
Region 1

SCHOOLS DIVISION OF CITY OF SAN FERNANDO (LA UNION)

DIVISION MEMORANDUM

DM No. 090, s. 2025

FEB 13 2025

TO: Assistant Schools Division Superintendent
Chief Education Supervisors
Education Program Supervisor in Science
Public and Private Secondary School Heads
All Others Concerned

FROM: OFFICE OF THE SCHOOLS DIVISION SUPERINTENDENT

SUBJECT: AGHAMLIKHA COMPETITION

DATE: February 13, 2025

PARTICULARS

1. The City Government of San Fernando in coordination with the SDO-City of San Fernando will conduct the **Aghamlikha Competition** at the Computer Training Room, 3rd Floor PBOSS Building, City of San Fernando on March 3, 2025.
2. The activity is an inter-school research proposal competition for high school students designed to encourage young minds to develop innovative solutions addressing key Sustainable Development Goals (SDGs).
3. Moreover, this activity seeks to highlight the youth's creativity and problem-solving skills while underscoring women's vital contributions to science, technology, engineering, and mathematics (STEM).
4. The winners will be awarded during the 1st Women in STEM Summit on March 6, 2025.
5. Attached in this memorandum are the City Mayor's letter, the competition's guidelines, and the application form for reference.
6. Immediate dissemination of this Memorandum is desired

[Signature]
SHEILA MARIE A. PRIMICIAS, CESO VI
Schools Division Superintendent

[Signature]
"Sa Matatag na Panuntunan, Serbisyong Tapat Maasahan"



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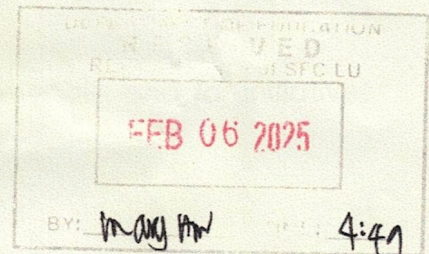
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OFFICE OF THE CITY MAYOR

C-IT-010-2025

January 28, 2025

DR. SHEILA MARIE A. PRIMICIAS, CESO VI
OIC-Schools Division Superintendent
City of San Fernando, La Union



Dear **Dr. Primicias**:

As part of our continued efforts to promote education, gender equality, and sustainable development, the City Government of San Fernando, La Union, is pleased to announce the **Aghamlikha Competition**, an inter-school research proposal competition for high school students designed to encourage young minds to develop innovative solutions addressing key Sustainable Development Goals (SDGs).

We humbly request your endorsement of the Aghamlikha Competition to all public and private high schools under your supervision to ensure the widest participation possible. This competition seeks to highlight the creativity and problem-solving skills of our youth while underscoring the vital contributions of women in science, technology, engineering, and mathematics (STEM).

The final judging of the Aghamlikha Competition is set for March 3, 2025, with the winners to be honored during the awarding ceremony at the 1st Women in STEM Summit on March 6, 2025. This summit will serve as a platform to inspire and empower women to pursue education and careers in STEM, ultimately fostering a more inclusive and progressive society. Attached are copies of the mechanics and guidelines, and application form for your reference.

Further, we would like to extend our **official invitation for you to be one of our esteemed resource speakers** during the **plenary session entitled "Breaking Stereotypes: Encouraging Women in STEM Education and Careers"** on March 6, 2025. Your insights and leadership in education would be an invaluable addition to this noteworthy discussion, and your participation would inspire many students and educators alike.



SAN FERNANDO
TAYO

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(072) 888-6906 or 687-8100 local 104
csflu_98@yahoo.com.ph / csflaunion09@gmail.com
www.sanfernandocity.gov.ph

Criteria:

The Agency will select School Projects Research Competition winners to be young minds to
innovate and improve their schools to be 21st century schools with a focus on
creativity, innovation, and entrepreneurship. The winners will be selected based on the

We look forward to your positive response and to working closely with your office in
making this competition and summit a success. Should you require further details or
clarifications, please do not hesitate to contact Ms. Germie O. Deang, CICTO
Department Head, at +63726878100 local 113 or email us at
cicto@sanfermandocity.gov.ph.

Thank you very much for your unwavering support for the youth and for initiatives
that drive inclusive and sustainable development in our city.

For God, country, and family,

HERMENEGILDO A. GUALBERTO
City Mayor

Criteria	Weight
Project Relevance	20%
Technical Merit	20%
Community Impact	20%
Financial Feasibility	20%
Overall Quality	20%

Criteria	Weight
Relevance to SDGs	20%
Technical Scientific Merit	20%
Innovation & Creativity	20%
Sociality & Sustainability	20%
Financial Feasibility	20%



Overview:

The Aghamlikha Inter-School Proposal Research Competition aims to inspire young minds to innovate and contribute meaningfully to the SDGs through research and creativity. It is an excellent platform for students to demonstrate leadership, problem-solving skills, and the potential for impactful change.

We encourage all schools to join and support their talented students in this important initiative.

Eligibility Criteria:

1. Team Composition:
 - Each team must consist of 3 students, composed primarily of women, with a maximum of 1 male member allowed.
 - Participants must be high school students enrolled in any public or private school in the City of San Fernando, La Union.
 - One (1) of the female members shall do the presentation.
2. Research Proposal Focus:
 - The research proposals must address at least one of the 17 Sustainable Development Goals (SDGs) outlined by the United Nations.
 - Proposals should offer innovative and sustainable solutions to issues related to the SDGs.

Judging Criteria:

1. **Screening:** The Project Proposal will be screened according to the following criteria:

Criteria	Weight
Originality and Innovation	25%
Technical/Scientific Merit	25%
SDG Connection and Impact	25%
Excellence of method	25%
TOTAL	100%

2. **Final Judging: Top 10 entries** will be selected for the final judging

Criteria		Weight
Relevance to SDGs	The research proposal must clearly address and offer solutions for an SDG-related issue.	25%
Technical/Scientific Merit	Sound scientific basis to generate new knowledge or apply existing knowledge in an innovative manner	20%
Innovation & Creativity	Proposals should present new, creative, and practical solutions that could be feasibly implemented.	20%
Feasibility & Sustainability	The solution proposed must be realistic, feasible to implement, and sustainable in the long term. Consideration of resources, cost-effectiveness, and environmental impact will be factored into the evaluation.	20%
Presentation Quality	Proponent/s provide/s a clear explanation of the facts, theories, thorough understanding of the expected output of the proposal.	15%
TOTAL		100%



Submission Requirements:

1. Screening:
 - a. Research Proposal: The proposal should be an original research project that includes:
 - Title of the Project
 - Executive Summary
 - Problem Statement
 - Scientific Basis
 - Theoretical Framework
 - Review of Literature
 - Methodology
 - Expected Output and Potential Impact
 - Workplan and Target Deliverables
 - References
2. Final Judging: Applicable to the top 10 entries
 - a. Presentation Slide Deck: A concise presentation slide deck (maximum of 10 slides) summarizing the research proposal for final submission
 - b. Video Pitch (Optional): A 2-minute video introducing the team and giving a brief overview of the proposed solution to the selected SDG issue.

Guidelines for Submission:

1. Deadline: All proposals and additional materials (video pitch and slide deck) must be submitted no later than [Date] to the competition email address: [email].
2. Format of Submission:
 - Research proposals should be submitted as a PDF document.
 - The video pitch (if applicable) should be in MP4 format and submitted through a cloud link (Google Drive, Dropbox, etc.).
 - Presentation slide decks should be submitted in PowerPoint or PDF format.
3. Language: All submissions must be in English, and should be professionally written and well-structured.

Awards and Recognition:

Rank	Prizes
1 st Place	• Php10,000.00 + medals
2 nd Place	• Php 7,000.00 + medals
3 rd Place	• Php 5,000.00 + medals
7 consolation prizes	• Php 1,000.00

Additional Information:

1. Advisers: Each team must have a teacher or faculty member who will serve as an adviser. However, advisers will not be involved in the creation and presentation of the proposal.
2. The organizers reserve the right to remove, reject, or disqualify any entry if it infringes, misappropriates, or violates any rights of any third party including, without limitation, patent, copyright, trademark or right of privacy or publicity

Important Dates:

- Submission Deadline: **February 21, 2025**
- Announcement of Finalists: **February 26, 2025**
- Final Judging: **March 3, 2025 at the Computer Training Room, 3rd Floor PBOSS Building**
- Awarding: **March 6, 2025 during the Women in STEM Summit 2025**



AGHAMLIKHA – APPLICATION FORM

Project Title: _____

Name of School: _____

Address: _____

Contact No: _____

School Head: _____

Telephone Number: _____

eMail Address: _____

Adviser/Coach:

Name: _____

Phone: _____

eMail Address: _____

Team Members:

1. Name: _____

Age: _____

Gender: _____

Year level: _____

Contact Number: _____

2. Name: _____

Age: _____

Gender: _____

Year level: _____

Contact Number: _____

3. Name: _____

Age: _____

Gender: _____

Year level: _____

Contact Number: _____

<p>Category of Research:</p> <p><input type="checkbox"/> Physical Science</p> <p><input type="checkbox"/> Life Science</p> <p><input type="checkbox"/> Robotics and Intelligent Machines</p> <p><input type="checkbox"/> Mathematics and Computational Sciences</p>	<p>Sustainable Development Goal/s Addressed:</p> <p>_____</p> <p>_____</p> <p>_____</p>
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EXECUTIVE SUMMARY (a brief discussion about the proposal, including the objectives, not to exceed 200 words)

PROBLEM STATEMENT (Addressing SDG challenge/s, not to exceed 300 words)

SCIENTIFIC BASIS (Scientific findings, conclusions or assumptions used as justification for the research, not to exceed 500 words)



THEORETICAL FRAMEWORK (The structure that summarizes concepts and theories that serve as basis for the data analysis and interpretation of the research data, not to exceed 500 words)

REVIEW OF LITERATURE (refers to the following: (a) related researches that have been conducted, state-of-the-art or current technologies from which the project will take off; (b) scientific/technical merit; (c) results of related research conducted by the same Project Leader, if any; (d) Prior Art Search, and; (e) other relevant materials.)

METHODOLOGY (description of the design and engineering solution proposed to address the problem, the (a) variables or parameters to be measured and evaluated or analyzed; (b) treatments to be used and their layout; (c) experimental procedures and design; (d) statistical analysis; (e) evaluation method and observations to be made, strategies for implementation (Conceptual/Analytical framework).

EXPECTED OUTPUT AND POTENTIAL IMPACT (discusses the possible outcome of the project, the target beneficiaries, socio and economic impact, not to exceed 300 words)

WORKPLAN AND TARGET DELIVERABLES (indicates the timeline of activities to be accomplished in the conduct of the project, not to exceed 300 words)

REFERENCES (list of reference materials such as journals, designs and patents, and online sources)

Signed by:

Noted by:

Signature over Printed Name
Adviser

Signature over Printed Name
Head of Institutions / Principal