



Republic of the Philippines
Department of Education
Region I

SCHOOLS DIVISION OFFICE OF ALAMINOS CITY

Office of the Schools Division Superintendent

DIVISION MEMORANDUM
DM-2023 - 083



TO : Assistant Schools Division Superintendent
Chief Education Supervisor - CID
Chief Education Supervisor - SGOD
Education Program Supervisor - Science
Head of Alaminos City National High School
All others concerned

SUBJECT : MET-INNOVATION 2023

FROM : Office of the Schools Division Superintendent

DATE : February 13, 2023

1. This office proudly announces that a group of Grade 12, Science, Technology, Engineering, and Mathematics (STEM) students of Alaminos City National High School qualified to be the finalists of Met-Innovation 2023 – Ilocos Region, sponsored by the Philippine Meteorological Society, Inc. (PMS).
2. The members of the team are Trisha Quinto, Keisha Quinto and Shanice Langaman and the coaches are Elisha James Tadena, Marvin Damasco and Hezekiah Villanueva.
3. In reference to the letter of PMS, the identified participants together with Dr. Cynthia B. Tablang, Education Program Supervisor in Science are advised to attend the final presentation at Mariano Marcos State University, Batac, Ilocos Norte on February 18, 2023.
4. Expenses of the attendees are chargeable to the Maintenance and Other Operating Expenses (MOOE)/local fund subject to the usual accounting and auditing rules and regulations. Attached is the letter from PMS for your reference.
5. Teacher participants shall be entitled to two (2) days of service credit and Compensatory Time Off for non-teaching personnel in accordance with DepEd Order (DO) No. 53, s. 2003, entitled "Updated Guidelines on the Grant of Vacation Service Credits to Teachers."
6. For information, guidance, widest dissemination, and compliance.

VIVIAN LUZ S. PAGATPATAN, CESO VI
Assistant Schools Division Superintendent
Officer-in-Charge
Office of the Schools Division Superintendent

With hundred reasons to serve!



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Philippine Meteorological Society, Inc.

PAGASA Main Bldg., Science Garden Complex

BIR Road, Diliman, Quezon City, 1100

Tel.No. (632) 9294570 / 9221996

Website: www.philmetsoc.com



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February 8, 2023

Tolentino G. Aquino
Regional Director
Department of Education Region I
San Fernando, La Union

Dear **Director Aquino**,

We would like to express our sincere gratitude for your support in this year's "**Met-Innovation 2023** – **Ilocos Region**, the Philippine Meteorological Society's (PMS) competition of research and innovation with tangible prototypes for high school students in Region I (Ilocos Region). In particular, we would like to thank you for disseminating the information to the high schools within the Ilocos Region. We attached in this letter the schools who qualified to the finalists of this year's competition to be held (in person) at Mariano Marcos State University, Batac, Ilocos Norte on February 18, 2023 (Saturday).

In relation to this, we would like to request your good office that the expenses which will be incurred by the finalists, coaches, and division science supervisors during their attendance to the final presentation is chargeable to their division and school local funds subject to the usual accounting and auditing rules and regulation. May we also ask to disseminate this to their respective Division School Superintendent for appropriate action.

For any further inquiries and concerns you may contact **Mr. Robert Badrina** our Outreach Committee Vice Chairperson at **09568571821** or email address at rbbadrina@gmail.com.

Thank you and we hope for your favorable response on this matter.

Very truly yours,

MARCELINO Q. VILLAFUERTE II, PhD
PMS President

Finalists of Met-Innovation 2023 – Ilocos Region

Number	School	Research and Innovation Title	Participants	Adviser/Coach
1.	San Nicolas National High School Ilocos Norte	Food Waste Digester with Digital Manometer in making Biogas for Sustainable Cooking	Camille V. Rosales Aladine John Q. Santos Neo Mel Anthony A. Tuzon Nicole Mae U. Guieb El Dion V. Bayudan	Jayson D. Adena
2.	San Nicolas National High School Ilocos Norte	Safari - School-Based Arduino Fire Alarm Detector Integrated with SMS Notification System	Joriel John F. Balicao Ashley John Baguio Eddie Ramos Jr. Jeremy Mc Grant Bumanglag Marc Johnler Austria	Jayson D. Adena
3.	Alaminos City National High School Pangasinan	PResMo: Particulate Respiratory Health Monitor with IoT Connection	Trisha Quinto Keisha Quinto Shanice Langaman	Elisha James Tadena Mervin Damasco Hezekiah Villanueva
4.	Mangaldan National High School Pangasinan	Intensifying The Microalgal Growth of <i>Nannochloropsis oculata</i> and <i>Isochrysis galbana</i> For Milkfish Bangus <i>Chanos chanos</i> Fry	Francheska Lhiane D. Igama, Gian Christopher B. Cordova, Schindel T. Olarita	Db Maryrose C. Vallejos Antonio B. De Leon
5.	Mangaldan National High School Pangasinan	Colors of Light as Growth and Fruit Production Inducer For Tomato <i>Solanum lycopersicum</i> and Eggplant <i>Solanum melongena</i>	Ruth C. Domingo, Aliah Sofia Martinez, Ryan P. Cuison	Hilda T. Espejo Belen A. Torio
6.	Urdaneta City National High School Pangasinan	Innovative Disaster Readiness and Risk Reduction Device	Cedrick Gabriel I. Laluan Billy B. Marquez Jr. Ryan Christian D. Chua Eijohn James P. Molina John Emmanuel C. Suazo	Bruce Marvin M. Ruaro

Certified Correct:

ROBERT B. BADRINA

Vice Chairperson, Outreach Committee
Philippine Meteorological Society



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