



Republic of the Philippines

Department of Education

BUREAU OF CURRICULUM DEVELOPMENT

Office of the Director  
OM-CSD, BCD 2024-145

For : **GILBERT T. SADSAD**  
Regional Director  
DepEd Region V

**Attn: REGIONAL SCIENCE AND MATH SUPERVISORS**

From : **LEILA P. AREOLA**  
Director IV, Bureau of Learning Delivery  
Officer-in-Charge, Bureau of Curriculum Development

Subject : **FINALISTS TO THE 2024 NATIONAL SCIENCE AND TECHNOLOGY FAIR**

Date : March 4, 2024

The Department of Education, through the Bureau of Curriculum Development of the Curriculum and Teaching Strand, congratulates the finalists to the **2024 National Science and Technology Fair (NSTF)** from your region. Listed in Table 1 are the projects that successfully met the standards of the National Scientific Review Committee.

Table 1: 2024 NSTF Finalists

Region V				
Category	Research Title	School	Proponent/s	Adviser
1. Life Science [Individual]	In vitro and in ovo evaluation of the anti-inflammatory, antiproliferative, and antiangiogenic properties of isolated quercetin from pataning dagat ( <i>Canavalia rosea</i> (Sw.) DC.) ethanolic leaf extract	Vinzons Pilot High School	1. Gabriel V. Ibis	1. Jason N. Bargo 2. Sarah Kimberly F. Lamadrid
2. Life Science [Team]	Cytotoxicity and Free Radical Scavenging Assay of Pomelo ( <i>Citrus grandis</i> ) Ethanolic Leaf Extracts Against Human Acute	Bulan National High School	1. Nathaniel G. Grayda 2. Lynyrd O. De Castro 3. Kerr Gabriel B. Gerolia	1. Jeriel G. Martirez



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	Myeloid Leukemia Cancer Cells*			
3. Physical Science [Individual]	Prototype Solar-Powered Automated Arduino-Uno Based GSM-Equipped Wire Fault Detector and Isolation System	Basud National High School	1. Ed Sydrick B. Bravo	1. Isagani F. Musa 2. Angeline M. Ross
4. Physical Science [Team]	ChitoFlask: Integration of Chitosan-based Flocculation, Multi-layer Mineral Filtration, and Ultraviolet (UV) Light Disinfection for Portable Water Treatment	Bicol Regional Science High School	1. Jace Adriel T. Yap 2. John Galo B. Pableo	1. Jay Ar A. Rosin 2. Aileen I. Rances
5. Robotics and Intelligent Machines [Individual]	Anti-Collision Roadbot	Jose Panganiban NHS	1. Jude Randolph Abais Odo	1. Mark Paul E. Rosel
6. Robotics and Intelligent Machines [Team]	Rabas: Responsive Anti-Theft, Body Temperature, And Alcohol Sensor into Motorcycle Helmet - A Safety and Security Device	Donsol National Comprehensive High School	1. Danica Ashley A. Cervantes 2. John Christian O. Cahilig 3. Anne Charlotte A. Anana	1. Ronald L. Lomerio 2. Elaine N. Bagamasbad
7. Mathematics and Computational Science [Individual]	PLUMA: Planning Land Use Optimization through Multi-Objective Software utilizing Machine Learning and Simplex Algorithm	Vinzons Pilot High School	1. John Jaymark M. Daza	1. Jason N. Bargo
8. Science Innovation Expo [Individual]	The Sensor and CLOUD-based Automatic Agricultural Air Humidification System	Cataingan National High School	1. Jessa Mae P. Villarubi	1. Robie Mac M. Dalimocoron 2. Mary Grace E. Molo

14	SIE-T	James Gabriel Regondola	
15	SIE-T	Frances Therese N. Rito	Vinzons Pilot School, Camarines Norte
16	SIE-T	Jomar E. Abante	
17	Coach/Res Adviser	Isagani F. Musa	Basud National High School
18	Coach/Res Adviser	Mark Paul E Rosel	Jose Panganiban NHS
19	Coach/Res Adviser	Jason N. Bargo	Vinzons Pilot HS
20	Coach/Res Adviser	Ronald E Lomerio	Donsol National Comprehensive HS
slots for RO Officials	Coach/Res Adviser	Jeriel G. Martirez	Bulan National HS
	Coach/Res Adviser	Jay Ar Rosin	Bicol Regional Science HS
	Coach/Res Adviser	Robbie Mae M. Dalimocon	Cataingan National HS
	EPS	Noel V. Ibis	Camarines Norte SDO
	Regional Focal Person	Chozara P Duroy	DepEd ROV

3. The travel and other incidental expenses of the official delegation shall be charged to local funds/MOOE while board and lodging shall be taken care of by the organizer c/o Bureau of Curriculum Development (BCD) Funds, all are subject to the usual accounting and auditing rules and regulations.

4. All official participants are requested to pre-register online through the link: <https://www.deped.gov.ph/online-registration>. Other reminders and particulars are stated in the enclosure.

5. The following are enclosed for reference:  
 Enclosure 1: Reminders and Particulars to NSTF Participants  
 Enclosure 2: OM-CSDD, BCD-2024-145 s. 2024  
 Enclosure 3: DM. 68 s. 2023  
 Enclosure 4: Learner Media Release Consent Form

6. For dissemination to all concerned.

  
**GILBERT T. SADSAD**  
 Regional Director

CLMD/cheD  
11/03/2024

**SCHOOLS DIVISION OF SORSOGON**  
Sorsogon

March 13, 2024

**TO: PSDSs/ OIC-PSDSs**  
**School Heads of Bulan NHS and Donsol NCHS**

Congratulations for having qualified in the National Science and Technology Fair 2024.

Please extend the necessary support and assistance to the team.

For information, guidance and compliance of all concerned.

  
**WILLIAM E. GANDO, CESO VI**  
 Schools Division Superintendent

**NATIONAL SCIENCE AND TECHNOLOGY FAIR FOR SY 2023-2024**  
**April 1-5, 2024**

**Reminders and Particulars to all NSTF Participants**

**Before:**

- a. Camarines Norte group shall take charge of the 30-second Regional Shout-Out video. Each group is directed to send the required video clip to Mr. Jason Bargo of Vinzons Pilot IIS. The final video must be sent to [jasonbargo@vpiis.com](mailto:jasonbargo@vpiis.com) on or before **March 16, 2024**.
- b. A 2 by 2 picture of student researchers must be uploaded to the Google Drive link to be provided by the Regional Coordinator. These should be placed in a folder per category with the filename:  
Region\_Category code\_Researcher's Surname\_First name\_Middle initial  
(e.g. Region5\_PSI\_DelaCruz\_Juan\_J)
- c. Accomplish the Media Release Form with the file name 2024\_NSTF Learner-Media-Release-Consent-Form. This must be uploaded in the same Google Drive link provided.

**During:**

1. Four (4) hard copies of the revised manuscripts, soft-bound, and color-coded shall be submitted to the committee upon onsite registration.
2. A Red Regional shirt, white pants/skirt, and red cap w/ V print shall be worn during the Opening Program, and two formal wear ( one for the science congress and another one for the awarding ceremony)
3. Display poster shall follow a dimension of 34 by 67 inches. Photo paper shall be used for this purpose. No markings that will show the school/division/region of the project owners must be seen in the display.
4. Three-Five (3-5) souvenir items may be brought by each delegate during the Student-Souvenir Exchange activity of the NSTF.

9



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The conduct of the NSTF will be moved from March 11-15, 2024 to April 1-5, 2024 in a venue in NCR to be announced through an Advisory. The official delegation's travel expenses shall be charged against local funds, subject to the usual accounting and auditing rules and regulations.

Immediate dissemination of the information is requested.



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