



Republic of the Philippines
Department of Education
REGION I
SCHOOLS DIVISION OF VIGAN CITY

Office of the Schools Division Superintendent

DIVISION MEMORANDUM

No. 880 s. 2025

**WINNERS OF THE 2025 DIVISION SCIENCE AND TECHNOLOGY FAIR
(PAPER EVALUATION)**

To: Assistant Schools Division Superintendent
Chief Education Supervisors (CID & SGOD)
Public Secondary School Heads
All Others Concerned

1. Pursuant to Regional Memorandum No. 1174, s. 2025 and Division Memorandum No. 666, s. 2025 on the 2025 Regional Science and Technology Fair (RSTF), the Schools Division of Vigan City extends its warmest congratulations to the winners of the 2025 Division Science and Technology Fair Paper Evaluation on November 7, 2025 at the Schools Division of Vigan City.
2. The first place and second place winners in all the ten investigatory project categories in the Junior High School and Senior High School shall become the entries of the Division for the Regional Scientific Review Committee (RSRC) Evaluation/Screening of the 2025 RSTF.
3. Attached is the list of winners of the investigatory projects in the different categories.
4. For information and dissemination.

VILMA D. EDA, CESO V
Schools Division Superintendent

Encls: As stated

References:

RM 1174, s. 2025

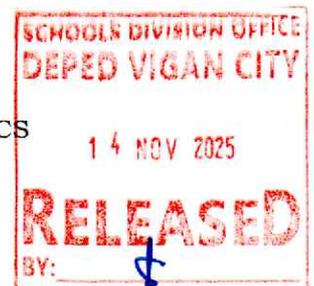
DM 666, s. 2025

To be indicated in the Perpetual Index
Under the following subjects:

CONTESTS
SCIENCE

INNOVATION
RESEARCH

MATHEMATICS
ROBOTICS



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**LIST OF WINNERS TO THE 2025 DIVISION SCIENCE AND TECHNOLOGY FAIR
 (PAPER EVALUATION)**

Category	Title of SIP	Name of Researcher/s	Grade Level	Awards Received	School	Research Adviser/Coach	School Head
Life Science - Individual	The Combination of Guyabano (<i>Annona muricata</i>) and Oregano (<i>Origanum vulgare</i>) Leaf Extract as Dishwashing Liquid	Aliyah Qwynzy M. Aison	12	1 st	Ilocos Sur NHS	Anthony Rin	Editha C. Bagcal
	Ant-idote: Repellant Properties of Pansit-Pansitan (<i>Peperomia pellucida</i>) Oil and Dalandan Extract against Household Ants	Mikylla Angela P. Marzan	9	2 nd	Ilocos Sur NHS	Mary Angeline P. Gorospe	Editha C. Bagcal
Life Science - Team	Gummy Delight: The Potential of Banana Stalk (<i>Musa spp</i>) AS Sustainable Treats for Businesses in Food Industry	Dominic Kyle A. Javier Mariecar P. Sumay Riza Mae Q. Tano	12	1 st	Ilocos Sur NHS	Anthony Rin/Esralyn Ignacio	Editha C. Bagcal
	Lunara: A Triple-action Spray for Fragrance, Tain-lift, and Mosquito Repellency	Francess Jadine B. Azares Agatha Jaynie F. Afroilan Mark Joshua F. Ruaro	9	2 nd	Ilocos Sur NHS	Mary Angeline P. Gorospe	Editha C. Bagcal
	Biofarming Potential of Tilapia (<i>Oreochromis</i>) Fish Scales on the Growth and Production of Pechay (<i>Brassica rapa</i>) Plants	Juliah Andrea M. Arcano Althea Mae R. Rabe Mico Rafael N. Valdez	10	3 rd	Ilocos Sur NHS	Regina A. Llagas	Editha C. Bagcal
Physical Science- Individual	Power in Every Step: An Experimental Study on the Potential of Piezoelectric Tiles in Power Generation	Bryle Justine A. Alasaas	12	1 st	Ilocos Sur NHS	Lexter C. Supnet	Editha C. Bagcal
Physical Science - Team	Biofuel Potential of Processed Banana (<i>Musa</i>) AND Rice (<i>Oryza sativa</i>) Leaves through Fermentation in Brgy. San Julian West, Bantay, Ilocos Sur	Jhaslyn Reyes Akiko Avva Magno Budz Agcaoili	12	1 st	Ilocos Sur NHS	Bernadette S. Paiste	Editha C. Bagcal
	Expanding the Utilization of Residual Coffee Grounds: Its	Jillian S. Bilgera Aubrey P. Capinpin	10	2 nd	Ilocos Sur NHS	Regina A. Llagas	Editha C. Bagcal



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	Usage as Alternative Mosquito Coils	Jayrielle John S. Pescador					
Robotics & Intelligent Machines- Individual	Development of an ESP32-Based Text-to-Speech Reader to Assist Individuals with Dyslexia	Reindel Robinol	11	1 st	Ilocos Sur NHS	Edward Henry M. Caoile	Editha C. Bagcal
Robotics & Intelligent Machines- Team	CHRIS: Colorimetric Hematological REMOTE IOT System Utilizing RGB Technologies for Point-of-Care Testing	Rhemgell Bartolome Princess Veyonce Reyes Kiella Brizel Frando	12	1 st	Ilocos Sur NHS	Kniethel R. Rabara	Editha C. Bagcal
Mathematics & Computational Sciences - Individual	Integrated Agricultural Sustainability- Resilience (IASR) Framework: A Data Driven Mathematical Model for Predicting Environmental and Climate Interactions in Agricultural Resilience	Zarah R. Collado	12	1 st	Ilocos Sur NHS	Pastor V. Yabot Jr.	Editha C. Bagcal
Mathematics & Computational Sciences - Team	A Mechanistic-Data Framework (RSDI-LEM) for Predicting Road Surface Lifespan Under Changing Climate and Traffic Conditions	Elisha Angelique Rigunay El Jhay Caberto Princess Zhairee Patol	12	1 st	Ilocos Sur NHS	Eugene R. Aguilar/ Then-Then P. Cariaga	Editha C. Bagcal
Science Innovation Expo- Individual	Bait Tap: Efficacy of "Basura mo, Itapon mo.", An Educational Interactive Website on Proper Waste Segregation	Sabrina Sarmiento	12	1 st	Ilocos Sur NHS	Doriden de Classica A. Fabre	Editha C. Bagcal
Science Innovation Expo- Team	TAMIS: Technological Analysis of Metabolites in Saliva for Non-Invasive Early Diabetes Screening	Alyssa Quinto Pingen Christian Angelo O. Pizarro Eula Ysabelle I. Artienda	12	1 st	Ilocos Sur NHS	Esralyn P. Ignacio	Editha C. Bagcal
	COBACO (Coconut Husk, Bamboo Sheath, and Cogon Grass) as an Eco-Friendly Indoor Insulation: A Mini House Simulation Study	Izabel De F. Peralta Jezz L. Reyes Beatriz Lara B. Riodil	9	2 nd	Ilocos Sur NHS	Mary Angeline P. Gorospe	Editha C. Bagcal

