



358 INCOMING COLLEGE FRESHMEN FROM REGION 1 QUALIFY AS S&T SCHOLARS

The Department of Science and Technology—Science Education Institute (DOST-SEI) announced the results of the highly competitive science and technology scholarship examination, unveiling a new batch of senior high school students who are poised to embark on an exciting academic journey as S&T scholars when they go to college.

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OTHER DOSTONESCIGLAT NEWS:



DOST-1 awards Processing Equipment and GO Bags in Sto. Domingo, Ilocos Sur



Bamboo Empowerment: Unleashing the Potential of Sustainable Industry



DOST I ensures Agno community gets free access to clean drinking water



FRANKLIN BARROGA
Owner, FAB Printline PH

FROM INJECTS TO INKJETS: A DOST SUCCESS STORY OF PASSION AND PROFESSION

Nurse Franklin Barroga, also known as Nars Frank, has found a unique path to success outside the hospital walls by becoming the proud owner of FAB Printline, a thriving t-shirt printing business in the bustling City of Batac, Ilocos Norte.

Combining his passion for both art and patient care, Nars Frank discovered a creative outlet in various artistic endeavors during his spare time. In 2014, armed with his savings and unwavering determination, he took the leap and opened his own t-shirt printing business. Initially operating on a small scale with limited resources, Nars Frank

faced the challenges of competition in the market. However, his perseverance and ambition paid off when he received support from the Department of Science and Technology's Small Enterprise Technology Upgrading Program (SETUP).

Through DOST-SETUP, FAB Printline underwent a remarkable transformation. The program provided Nars Frank access to advanced printing machinery and expert training on modern techniques, replacing outdated equipment. As a result, the business's production capabilities significantly improved, allowing for

faster production times and higher-quality prints on a wide range of fabrics. FAB Printline's success allowed Nars Frank to expand his operations, opening three (3) more branches in Ilocos Norte and Quezon City, Manila. Additionally, he extended a helping hand to the local community by providing employment opportunities to out-of-school youths, single parents, and persons deprived of liberty. Nars Frank's journey exemplifies how government support and access to advanced technology can empower entrepreneurs to transform ordinary businesses into thriving enterprises, benefiting both the business owner and the community.

DOST 1 AWARDS PROCESSING EQUIPMENT AND EMERGENCY GO BAGS TO STO. DOMINGO, ILOCOS SUR



The Department of Science and Technology Regional Office No. 1 through the Provincial Science and Technology Office Ilocos Sur awarded processing equipment and emergency Go Bag to Nagbetedan, Sto. Domingo, Ilocos Sur today as part of the implementation of the Community Empowerment thru Science and Technology Program.

Sto. Domingo Mayor Bryan Dexter V. Tadena together with Nagbetedan Brgy. Captain Efren S. Pigao and the Nagbetedan Peanut Processors Association received the items and vowed to support the interventions provided.

The processing equipment provided includes stainless steel tables

with undershelf and sink, and a unit of peanut grinder to boost the production of peanut products such as peanut butter, peanut yema, peanut polvoron, and peanut brittle earlier transferred through technology trainings.

During the program, Engr. Jordan Abad, Provincial S&T Director of Ilocos Sur, presented the CEST Program in the province of Ilocos Sur. Meanwhile, Engr. Russel Alcanciado, MPDS head, emphasized the importance of commitment in the implementation of the projects.

In addition, as part of the Project NaKaSaGaNa, the agency also awarded ten (10) units of Emergency GO Bag to residents of Brgy. Nagbetedan for disaster preparedness.

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In Region 1, out of the **4066** grade 12 students who took the national qualifying exam last March 18 to 19, 2023, **358** qualified for the 2023 DOST-SEI Undergraduate S&T Scholarship Program. For the provincial distribution, 195 qualifiers are from the province of Pangasinan, La Union has 56 qualifiers, while 56 and 51 qualifiers are from Ilocos Norte and Ilocos Sur, respectively. This year's pen-and-paper qualifying examination was conducted in nine (9) Testing Centers spread across the region's four (4) provinces.

Out of the total number of passers, 200 qualified as scholars under the RA 7687 Scholarship Program, which is a scholarship for academically talented students of economically disadvantaged families. Meanwhile, 158 scholars were qualified under the DOST-SEI Merit Scholarship Program.

The qualifiers will receive their Notice of Award via email. After that, all the qualifiers, with their parents/legal guardians, will be invited to attend the S&T Scholarship Policies and Procedures Orientation.

"The announcement of the scholarship exam results marks the beginning of a transformative chapter in the lives of the qualifiers. We believe that they now have the freedom to pursue their dreams and aspirations of S&T careers without constraint," said Dr. Josette T. Biyo DOST-SEI Director.

Qualifiers who will avail of the scholarship will enjoy benefits for the duration of their S&T degree program, which includes tuition fees and other school fees subsidies, monthly stipends, learning material and/or connectivity allowance, clothing allowance, transportation allowance, group accident and health insurance, thesis allowance, and graduation allowance. They will also be entitled to non-monetary benefits under the Science and Technology Learning Assistance Program. The new scholars will begin enjoying the benefits of their scholarship at

the start of the first semester of the academic year 2023-2024.

The qualifiers must pursue a Bachelor of Science (BS) degree program in any of the priority fields of study at a state university or college or any private higher education institution recognized by the Commission on Higher Education as a Center of Excellence or Center of Development or with FAAP Level III accreditation for the BS program that they intend to enroll in. The list of priority S&T programs is posted on the SEI website.

Qualifiers who will avail of the scholarship will eventually join the S&T workforce of the country as scientists, engineers, technologists, science and mathematics teachers, researchers, and innovators which is in line with DOST-SEI's mandate to accelerate the development of S&T human resources in the country by administering undergraduate and graduate scholarships and advanced specialized training, promoting S&T culture, and developing innovative science education innovative programs.

BAMBOO EMPOWERMENT: UNLEASHING THE POTENTIAL OF SUSTAINABLE INDUSTRY

The Department of Science and Technology Regional Office No. 1 (DOST-1), in partnership with the Department of Trade and Industry La Union Provincial Office (DTI LUPO), organized a two-day Technology Training on Bamboo Product Development at the Center for Bamboo Development Inc. in Pugo, La Union on June 21-22, 2023.

During the event, Provincial Director Dir. Jonathan M. Viernes highlighted the significance of bamboo, stating that the training aimed to uplift the bamboo industry in the province and raise awareness about its importance in daily life.

Dir. Merlie Membrere, the Provincial Director of DTI LUPO, emphasized the need to support local entrepreneurs and promote the purchase of local products, stressing the positive impact of collaborative efforts among various agencies.

The training, led by experts from the Department of Science and Technology's Forest Products Research and Development Institute, focused on creating bamboo crafts such as lamps, speakers, trays, etc., with an aim to enhance participants' understanding of bamboo's importance and provide practical skills for product development.

After the training, participants expressed their satisfaction and acknowledged the value of the knowledge gained, especially for pursuing bamboo crafts as a source of livelihood. The training highlighted that bamboo-based products should be seen as a source of pride and a means to sustain livelihoods.





AGNO COMMUNITY GETS FREE ACCESS TO CLEAN DRINKING WATER THROUGH DOST CEST PROGRAM

The Department of Science and Technology Region I (DOST I) through its Provincial Science and Technology Office (PSTO) in Pangasinan awarded 49 units of water filters to community-beneficiaries in Sitio Calomboyan, Boboy, Agno, Pangasinan.

The provision of water filters is an identified intervention of the Community Empowerment through Science and Technology (CEST) Program under the Environmental Protection and Conservation area which aims to empower the marginalized sector and to bring

safe and clean water to community beneficiaries.

A water filter is a plastic anti-dirt grid, it is lightweight and easy-to-use equipment that removes harmful bacteria and other contaminants which provides potable water to the community.

During the awarding, Ms. Nicka Caramat- De Vera, CEST staff, demonstrated how the bucket filter is assembled and the function of backwash filters. Further, she advised the participants to regularly clean the

unit to avoid blockage, thus, enabling a better water flow.

Mr. Felipe Laulita, a member of the farmers' association in the community, expressed his appreciation to DOST I for the filters given to them. "Thank you for your support and for continuous effort in coming here despite of the distance," he added.

DOST I's CEST Program will continue to provide sustainable assistance and interventions that would encourage the growth and development of the community.



MR. ROBERT URLANDA

Environmental Planning Specialist

START WITH iSTART: FROM WASTE TO NEW WAYS

Waste is an ever-present outcome of human activities, taking varied forms and stages. Amid concerns over a throwaway culture and its impact on health, environment, and prosperity, the LGU of Alcala, Pangasinan introduces innovative recycling approaches. Within mounting waste piles, a promising glimmer emerges as they convert waste into valuable resources like bricks and pillows, showcasing sustainability, economic growth, and community empowerment.

Guided by the iSTART Program by DOST, Alcala embodies transformative projects for sustainable development. Recognized by Former Provincial Governor Hon. Amado I. Espino III, Alcala, as a pilot municipality in Pangasinan, prioritizes solid waste management. This commitment resulted from focused discussions, aiming to create innovative processes that transform waste into raw materials, setting an example for other communities.

Alcala's shift from waste collection to waste reduction is evident through their innovative utilization of non-biodegradable waste. Employing technology from the iSTART Program, they create eco-friendly bricks and pillows from glass and plastic waste. These initiatives not only divert plastic waste from landfills but also contribute to energy savings and reduced carbon footprints. This groundbreaking approach transforms waste into a resource, enhancing waste management's role as a catalyst for positive change, underlining Alcala's journey toward sustainable growth.



DOST-1 BRINGS STARBOOKS TO PANGASINAN BENEFICIARIES

The Department of Science and Technology Regional Office No. 1 (DOST 1), through its Provincial Science and Technology Office (PSTO) Pangasinan, deployed the Science and Technology Academic Research Based and Openly Operated Kiosks (STARBOOKS) and conducted an orientation and users' training to Robert B. Estrella Memorial National High School (RBMNHS) on June 1, 2023, in Rosales, Pangasinan.

The event was attended by 92 participants headed by Dr. Diana B. Del Mundo, Principal of RBMNHS, together with the school faculty and grade level 7-12 students.

The adoption of STARBOOKS was sealed through the signing of Memorandum of Understanding between DOST 1 and Robert B. Estrella Memorial National High School.

Meanwhile, the DOST-1 Team brought the STARBOOKS to barangays Capantolan and Bolaoen, in Sual, Pangasinan as part of the implementation of innovation Science and Technology for Accelerating Regional Technology-based development (iSTART) program.

Mr. Edward E. Ugale, STARBOOKS deployment officer of DOST PSTO-Pangasinan, provided an overview of the mandates and objectives of STARBOOKS Online and Offline platforms, designed to provide easy access to Science and Technology (S&T) information, discussed with the administrators the proper usage and monitoring of STARBOOKS emphasized the importance of having STI resources.



STARBOOKS RE-ORIENTATION TO IP COMMUNITY IN CARASI, ILOCOS NORTE



The Department of Science and Technology through its Provincial Science and Technology Office-Ilocos Norte (DOST-1 PSTO-Ilocos Norte) and DOST-1 Regional STARBOOKS unit conducted a reorientation on the operation of Science and Technology Academic and Research-Based Openly Operated Kiosk Station (STARBOOKS) in the CEST School beneficiaries in Carasi, Ilocos Norte.

Ms. Mary Ann B. Ofiana, Regional STARBOOKS coordinator discussed the start-up procedure in operating the STARBOOKS via Zoom while Mr. Jahmai Grande demonstrated the actual operation in the school. She presented the steps for registering as

a student and admin user. In addition, she also showed how to manipulate the features, contents, videos, interactive interface, quizzes, lessons, games, and DOST - Science and Technology Information Institute (DOST-STII)-developed apps linked to STARBOOKS for smartphones which can be downloaded for free.

Mr. Michael John C. Maquiling, the Information and Technology Service Management unit (ITSM) Head stated that the DOST Regional Office 1 through its PSTO assured that the schools will be continuously assisted with technical support in the utilization of the STARBOOKS.

DOST-PSTO LA UNION CAPACITATES WOMENS' ASSOCIATION WITH EGGPLANT PRODUCT DEVELOPMENT

The Department of Science and Technology Regional Office No. 1 (DOST-1), through the Provincial Science and Technology Office of La Union (PSTO-La Union), in partnership with the Local Government Unit of Aringay, conducted a two-day Technology Training on Eggplant Product Development for the members of Gallano Women's Club at Brgy. Gallano, Aringay, La Union on June 15-16, 2023.

Criselda V. Nisperos and Arceli L. Ducusin of Don Mariano Marcos Memorial State University discussed the introduction to Good Manufacturing Practices (GMP) and

Food Safety. During the training, they also served as the resource persons for the two-day training. The experts shared their knowledge and experiences in making delicious and top-quality eggplant jam and pickles and explained in detail the most effective methods and techniques to yield excellent results when creating these eggplant-based products.

The training focused on gaining practical skills in the development of eggplant-based products, with a specific emphasis on creating unique and distinctive options such as eggplant jam and eggplant pickles.



MAGING DOST SCHOLAR KA!

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TUITION AND OTHER SCHOOL FEES
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(first sem of 1st year only)

P7,000 MONTHLY LIVING ALLOWANCE

P10,000 THESIS ALLOWANCE

P10,000 LEARNING MATERIALS & CONNECTIVITY ALLOWANCE
I AM A DOST SCHOLAR
and many more BENEFITS!

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DOST SCHOLAR?

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Regional Office No. 1

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