

DOST 1 successfully conducts the 2022 Regional Science and Technology Week

The Department of Science and Technology Region 1 (DOST 1), in coordination with the Technology Application and Promotion Institute (TAPI) and the Provincial Government of Pangasinan, conducted the 2022 Regional Science and Technology Week at the Provincial Training and Development Center in Lingayen, Pangasinan from November 9-11, 2022.

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DOST-I RSTL as one of DENR recognized environmental laboratory

San Fernando City, La Union - The Department of Science and Technology Region I – Regional Standards and Testing Laboratory (DOST-I RSTL) complies with the requirements of Administrative Order no. 63, Series of 1998 which is being implemented by the Department of Environment and Natural Resources – Environmental Management Bureau (DENR-EMB).

Orange Mondays! DOST-1 kicks off campaign to End Violence Against Women

The Department of Science and Technology Region Office 1 (DOST-RO1) and all its Provincial Science and Technology Offices (PSTOs), spearheaded by Regional Director Dr. Armando Q. Ganal, supports this year's 18-Day Campaign to End Violence Against Women and their Children (VAWC).

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DOST1 conducts STARBOOKS Stakeholders' Convention

The Department of Science and Technology Region 1 (DOST 1) in collaboration with the DOST Science and Technology Information Institute (STII) recently conducted STARBOOKS Stakeholders' Regional Convention, as part of a regional celebration of the National Science and Technology Week.

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EDITORIAL PAGE

Happy S&T month, my dear Science Enthusiasts! It's November and I can't wait to share with you what transpired during the celebration of our Regional and National Science and Technology weeks.

It has been a month filled with appreciation, recognition and promotion of the various science, technology, and innovation initiatives of DOST to the community.

Let's look on the successes of DOST 1 in the areas of Kabuhayan, Kaayusan, Kalusugan, and Kinabukasan, to be proud of.

On Kabuhayan

The search is on for the next MSMEs to be assisted by DOST 1 as the PSTO-Ilocos Sur team has vetted nine (9) businesses that are candidates for the Small Businesses Technology Upgrade Program. The team also kept an eye on six (6) businesses who are currently SETUP beneficiaries in the province in order to assess the efficiency of the S&T interventions that were given. Would you also like to benefit from SETUP or CBP? You are welcome to explore your options with us!

On Kaayusan

The Regional Science and Technology Week for DOST 1 was held last November 9–11, 2022, in Lingayen, Pangasinan. The celebration served to boost the awareness, recognition, and advocacy of STI in the region. The momentous moment included training sessions, technology bazaars, displays, and much more. Were you able to see the event? If not, don't worry. You can view some of the live feeds on our Facebook page, or you may read the newsletter to get an in-depth grasp of what happened.

On Kalusugan

As a holistic approach to technology transfers, DOST 1 makes sure to equip the recipients with trainings in addition to the technologies they need. In fact, the PSTO-LU staff undertook a training to assure the safety and quality of a product by applying current Good Manufacturing Practices. You might need this in your establishments, too.

On Kinabukasan

The DOST 1 system continues to uphold the spirit of bayanihan by working in partnership with stakeholders to support people in need. As evidence of this, it has teamed up with a university in Pangasinan to upgrade the skills of public school teachers therein. This was made possible through the Community Empowerment through Science and Technology Program of the agency. You may read more about the endeavor in this issue.

With that stated, I won't take more of your time; instead, I'd would like to encourage you to read the rest of this November issue as I've only covered a small number of updates. This month has a lot more in store for you.

Have fun reading!

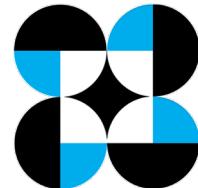
Mabuhay and DOST!

Mabuhay ang region 1! Mabuhay ang DOST 1!



CARLA JOYCE B. CAJALA

Editor-In-Chief, Ilocos S&T Trends



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DOST-1 assesses manufacturing firms in Ilocos Sur; eyes FDA LTO firms

By: John Carlo Lopez and Raymond Alip



With the aim to provide recommendations towards acquiring an FDA-LTO certification, the Department of Science and Technology Regional Office 1 (DOST 1) through the Provincial Science and Technology Office - Ilocos Sur (PSTOIS) conducted food safety assessment to nine (9) manufacturing firms in Ilocos Sur on November 16-18, 2022.

Four (4) firms from the Community Empowerment thru Science and Technology (CEST) assisted communities, two (2) community-based program assisted firms, and three (3) prospect firms for Small Enterprise Technology Upgrading Program (SETUP) were assessed. These are the Kimpatubbog Camote Growers Association, Camanggaan Livelihood Processors Association, Bessang

Food Processors Association, and the Ikan iti Sulvec Dur-as ti Asosasyon (ISDALicious) are among the CEST-assisted food manufacturing firms focused in Camote processing, Tomato Processing, Mango processing, and Fish processing, respectively.

The Lancuas Veggie NoodlesChips Processors Association, and Apang Food Processors Association are assisted under CBP producing Veggie chips and Noodles, and Banana Chips, respectively. The chips come in different variants like malunggay, ube, kalabasa, saluyot.

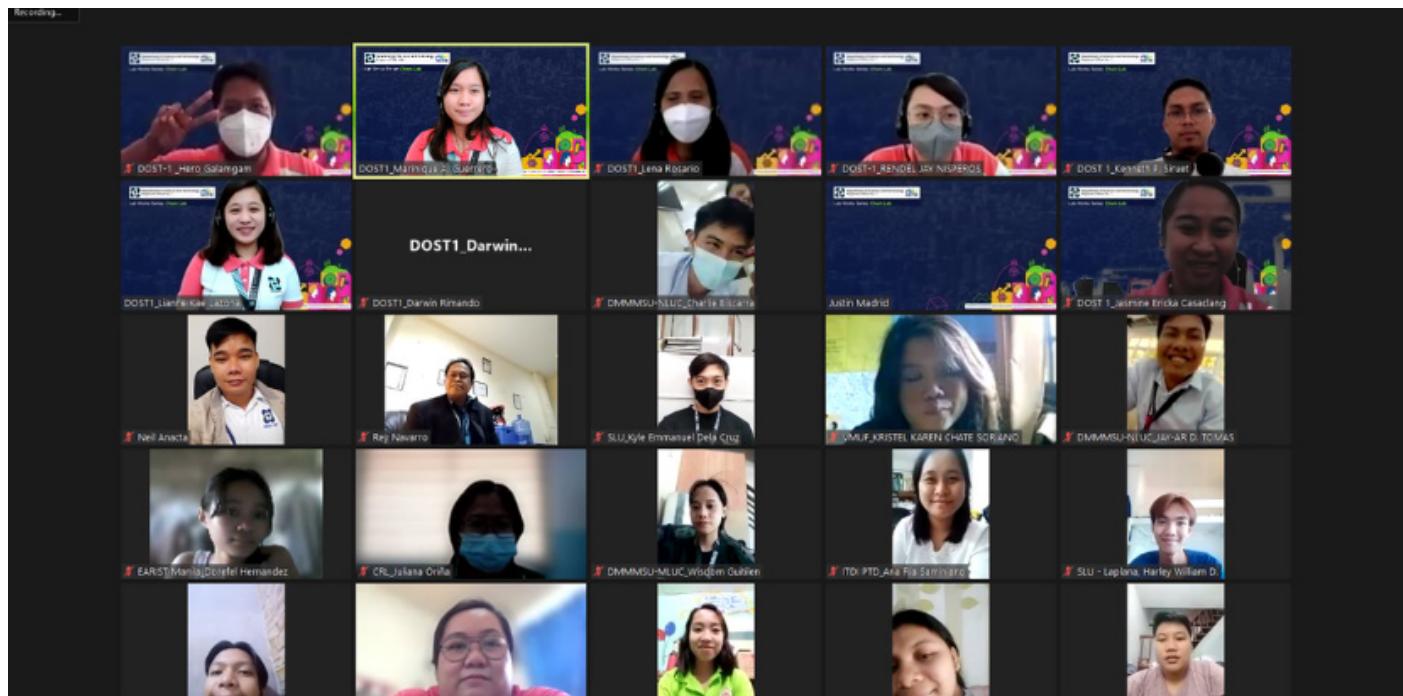
Each firm is evaluated basing from ten (10) assessment criteria including (1) Organization, (2) Premises of the processing facility, (3) Plant Construction and design, (4) Equipment used in the production,



(5) Sanitation and Hygiene of food handlers, (6) Production and Process Control, (7) Quality Control of raw materials and products, (8) Documentation, (9) Storage and Distribution of raw materials, supplies and finished products, (10) Product Recall and Retention of Samples. Activities during the assessment include discussion on food safety practices inside the production facility and recommendations of process layout.

162 participants attends the Lab Works series webinar on its 1st day in Chemistry Laboratory

By: Marinique A. Guerrero



San Fernando City, La Union – The Department of Science and Technology Region I – Regional Standards and Testing Laboratory (DOST I-RSTL) in celebration of the National Science and Technology Week (NSTW) with the theme “Agham at Teknolohiya Kabalikat sa Maunlad at Matatag na Kinabukasan” has concluded its Day 1 of the series Laboratory Works: Contributing to a Successful-driven community on November 14, 2022 via Zoom and facebook live.

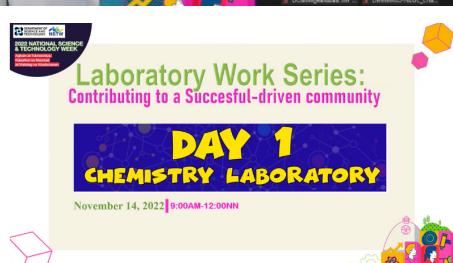
Most of the attendees were students from various schools in Region I and nearby areas. A number of them are into Chemistry-related courses while some attendees were from different government agencies and private establishments.

Mr. Kenneth P. Siruet, a registered Chemical Technician and Engr. Rendel Jay D. Nisperos, and a registered



Chemical Technician and Chemical Engineer served as resource persons.

The webinar featured the analysis under Chemistry Laboratory. Total Titratable Acidity (TTA) test and Ethanol analysis and all other testing services offered by the lab in food (Proximate) and water (Physiochemical) analysis were discussed. It was also highlighted that the laboratory tests are important to ensure the quality and safety of our food and water. In addition, most of the analyses are part of the requirements set by Government regulatory agencies for permits and licenses.



Ms. Lena C. Rosario, Registered Chemist and the Laboratory Head of DOST-I RSTL shared her closing remarks and hoped that the webinar has imparted learning and encouragement to the students to take up a course related to science and that this would help them in their future endeavors and undertakings.

CEST Summit takes place during the 2022 DOST 1 RSTW

By: Jaypee A. Solee



The Department of Science and Technology - Region 1 (DOST-1), in coordination with the Technological Application and Promotion Institute (DOST-TAPI) and the Provincial Government of Pangasinan, celebrated the 2022 Regional Science and Technology Week (RSTW) in Region 1 with the theme, "Agham at Teknolohiya: Kabalikat sa Maunlad at Matatag na Kinabukasan". As part of the celebration, the Community Empowerment through Science and Technology (CEST) Summit took place on November 10, 2022, in the Provincial Training and Development Center II, Lingayen, Pangasinan.

The summit emphasized the importance of cooperation and hand-in-hand collaboration of the DOST, CEST-assisted communities, and partner State Universities and Colleges (SUCs) to empower far-flung communities in the region with Science and Technology innovations.

DOST-1 Regional Director, Dr. Armando Q. Ganal, welcomed the participants from different provinces in region 1 and encouraged them to actively participate in the forum. "An exciting aspect of the Summit is the opportunity to mingle and connect directly with fellow participants, chat with panelist in face-to-face gathering," Dr. Ganal mentioned. He also gave the rationale of the summit upon delivering his opening remarks

Engr. Jordan L. Abad, former CEST Project Leader and the Provincial Director of the Provincial Science & Technology Office (PSTO) - Ilocos Sur, inspired the participants with his presentation on how the CEST program alleviates poverty through Strong synergy among stakeholders, Monitoring, Innovation, Leadership, and Empowerment, or SMILE. "With every SMILE, the project is feasible, viable, and successful," he remarked.

The event also highlighted the Best CEST Communities in the region and provided a collaborative discussion on the best practices of the recognized Best CEST Communities on the implementation of the program. The Municipality of Dumalneg, Ilocos Norte, 2021 Best CEST Community, and the Municipality of Bautista, Pangasinan, 2022 Best CEST Community, also shared how the DOST-1 CEST program has significantly contributed to the upliftment and empowerment of their communities through technological interventions and innovations.

The 2021 and 2022 Best CEST Communities and certificates to the CEST-assisted municipalities and partner SUCs were awarded, respectively. Further, Ms. Adelisa C. Florendo, Officer-in-Charge for Field Operations, concluded the summit with her closing remarks and expressed her gratitude to the attendees for actively participating in the event.

DOST 1 awards PORTASOL to 2 Municipalities in Ilocos Sur

By: John Carlo G. Lopez

The Provincial Science and Technology Office - Ilocos Sur (PSTO-IS) of the Department of Science and Technology Region 1 (DOST 1), in collaboration with the 1st Congressional District of Ilocos Sur awarded a total of 50-units Portasol or Multi-purpose drying trays to 34 farmers association in the Municipalities of San Juan and Cabugao, Ilocos Sur.

Dr. Armando Q. Ganal, DOST 1 Regional Director and Hon. Ronald V. Singson, First District Representative, awarded the portasol to the 25 farmers association in Cabugao and nine (9) associations of San Juan together with Hon. Josh Edward S. Cobangbang, Mayor of Cabugao, Hon. Edgardo Cobangbang Jr., Vice-Mayor of Cabugao, Hon. Benjamin Sarmiento Jr., Vice-Mayor of San Juan and other Local Government Officials and Staff in a separate event.

"Nakitak a mayat daytoy nga equipment ta hygienic isuna. Isu a kayatko nga mapadasyo ditoy (Cabugao and San Juan) ta no kayatyunto pay ket nayunantayunto manen," said Congressman Singson to the farmers and fisherfolks assuring full support to farmer's initiatives.

Mayor Josh Edward S. Cobangbang and Vice-Mayor Benjamin Sarmiento Jr. also expressed their thanks to the DOST-Region 1 after receiving the drying trays that will benefit the farmers and fisherfolks in their municipalities.

"Agyamankami iti daytoy Portasol nga naipaay iti ili," Mayor Cobangbang said.

Hon. Edgardo S. Cobangbang, Vice-mayor of Cabugao commended the DOST on the provided drying facility. He asserted that they have



distributed the same technology before that many farmers in the municipality tried and tested the effectiveness of the said dryer.

"Adu iti madi maka ammo iti daytoy a dryer ta napintas daytoy a pangibilagan iti irik. Saanen a mapan agibilag iti kalsada wenco gumatang iti adu a screen (drying nets)," Vice Mayor Cobangbang said

"Namnamaenyo ta agingga iti kabaeanmi, ket maiteymi iti kasapulan a tulong kadakayo kadagiti programami ken iti suporta ni apo Congressman," said Dr. Ganal on the continuous support of the DOST to farmers and fisherfolks in bringing science and technology in the community.

Engr. Jordan L. Abad also discussed the other advantages of portasol to the farmers in San Juan. He said that other commodities and high value crops can be dried to minimize food contamination like in drying chili, and other commodities.

The portasol or the multi-purpose solar drying trays will improve the product quality of the farmers and fisherfolks as they will no longer dry their produce in an open area where high contamination and losses are high. Farmers and fisherfolks now have the capacity to produce sanitized and hygienic dried products and minimized drying losses.

DOST-I RSTL as one of DENR recognized environmental laboratory

By: Lianne Kae J. Lazona

San Fernando City, La Union
 - The Department of Science and Technology Region I - Regional Standards and Testing Laboratory (DOST-I RSTL) complies with the requirements of Administrative Order no. 63, Series of 1998 which is being implemented by the Department of Environment and Natural Resources - Environmental Management Bureau (DENR-EMB).

DOST-1 RSTL underwent a virtual Remote Level 2 Inspection and Assessment for Environmental Laboratory Recognition (ELR) on May 4 – 6, 2022. The inspection and assessment involved the evaluation of the laboratory, specifically its management and organization, scope and nature of work, policies, physical layout and safety features, track record, analytical procedures for parameters that concern the DENR, materials and equipment, and quality assurance program.

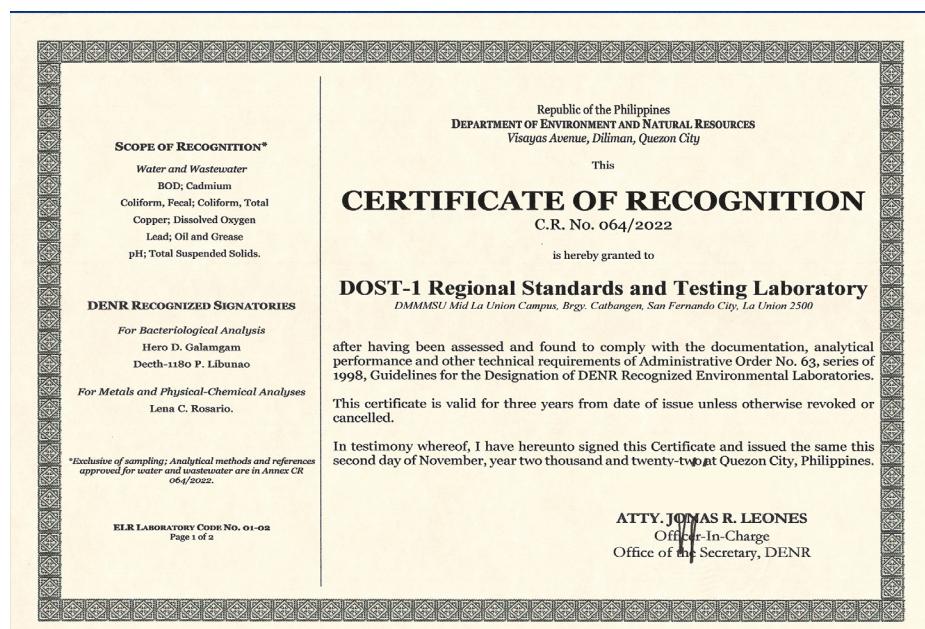
After successfully completing the requirements, the laboratory has received the Certificate of Recognition on November 2, 2022.

The scope of recognition includes analyses for water and wastewater, such as BOD, Cadmium, Coliform, Fecal; Coliform, Total, Copper, Dissolved oxygen, Lead; Oil and Grease, pH and Total suspended solids.

The DENR recognized signatories are Mr. Hero D. Galamgam and Mr. Deeth-1180 P. Libunao for Bacteriological analysis and Ms. Lena C. Rosario for Metals and Physical-Chemical Analyses.

With this achievement DOST-1 RSTL has once again proven its integrity with regards to the testing services it offers.

This recognition is achieved through the endless effort put forth by all RSTL staff to continuously strengthen science and technology for the people.



after having been assessed and found to comply with the documentation, analytical performance and other technical requirements of Administrative Order No. 63, series of 1998, Guidelines for the Designation of DENR Recognized Environmental Laboratories.

Orange Mondays! DOST-1 kicks off campaign to End Violence Against Women

By: Rio Dyan B. Adviento



The Department of Science and Technology Region Office 1 (DOST-RO1) and all its Provincial Science and Technology Offices (PSTOs), spearheaded by Regional Director Dr. Armando Q. Ganal, supports this year's 18-Day Campaign to End Violence Against Women and their Children (VAWC).

In accordance with Memorandum Circular 2022-04 issued by the Philippine Commission on Women, this year's theme is "UNITED for a VAW-Free Philippines."

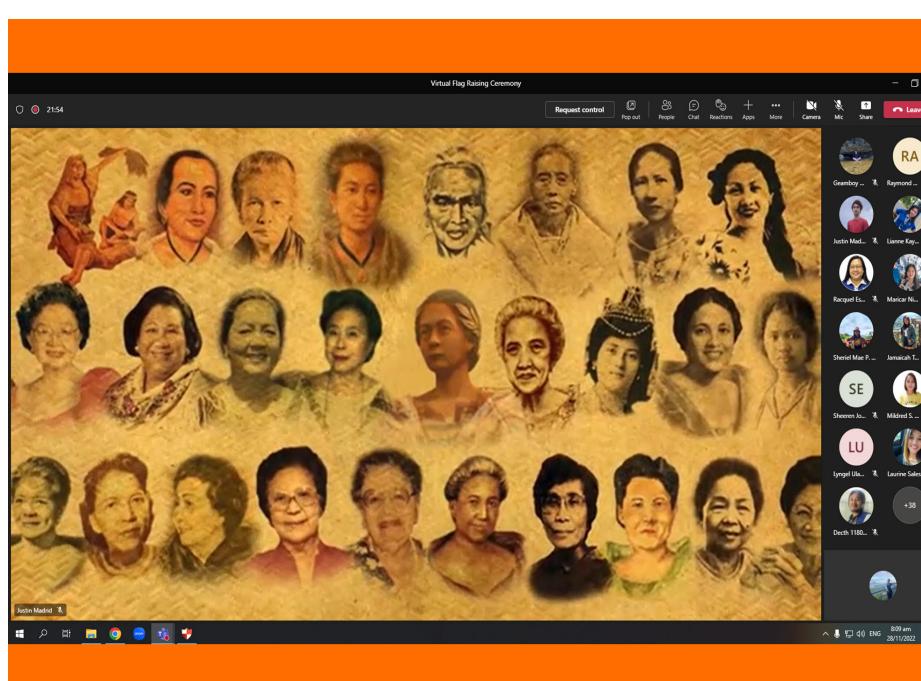
Every year on November 25 to December 12, the government is required to promote awareness about the issue of violence and the need to end all forms of violence against women and children, according to R.A. 10398.

One of the activities being observed by the DOST 1 staff is wearing orange advocacy shirts on Mondays. As a bright and optimistic color, orange represents hope and a future free from violence against women and girls.

The Gender and Development (GAD) Unit also launched a photo contest for DOST1 staff relevant to the campaign's theme and encouraged everyone to use the official hashtags.

The 18-day campaign will include a series of activities such as orientation forum on RA 11313, RA 9262 and RA 9208; webinar on Ethical Issues and Values in Violence Against Women and Understanding VAWC and Legal Responses to VAWC; and Men Opposed to VAW Everywhere (MOVE) re-Orientation to promote awareness on the forms of violence against women and girls are experiencing and also to provide information on the laws protecting women.

DOST 1 is in full support to this advocacy and pursues a gender-responsive agency.



DOST-I grants 188k Tech assistance to Pangasinan rabbit raisers

By: Bernaly P. Martinez

Philippine rabbit industry has been rising for the past years and Pangasinan is one of the provinces in the country who embraced the rabbit farming as well as the meat production.

To support the rabbit industry, the Department of Science and Technology - Regional Office I (DOST-I) granted Php188, 000.00 worth of technology equipment to Pangasinan Rabbit Raisers Agriculture Cooperative (PPRAC), through the Community-Based Project (CBP) for 2022.

PRRAC is a group of rabbit raisers in Pangasinan located at Sta. Barbara, Pangasinan. They supply live rabbit and rabbit meat in different restaurants in the province. Due to increasing demand of the rabbits, they need to produce more feeds for their rabbits rather than buying high cost commercial feeds.

With the assistance provided, the cooperative received one (1) unit shredder machine, one (1) unit hammermill, and one (1) unit of pelletizer. With these equipment, they can produce the feeds for their rabbits with less effort and in a shorter amount of time.

DOST-I's CBP program assists start-up community-based associations/cooperatives and provides funding for relevant S&T undertakings to improve productivity and quality of life by generating and promoting appropriate technologies.



DOST 1 conducts training on Halal Assurance Management System and Certification Process in La Union

By: Jara G. Acoo



CITY OF SAN FERNANDO, La Union - The Department of Science and Technology Region 1 (DOST1), through the DOST Halal Research Ecosystem for Development and Innovation (REDI) Tourism Program, conducted training on Halal Assurance Management Systems and Certification Process for food and tourism industry's stakeholders to provide scientific and technical knowledge in support of the development of the Halal Industry on November 17, 2022, at DOST1 - PSTO La Union Multipurpose Bldg., Government Center, Sevilla, San Fernando City, La Union.

Through this training, the DOST prepares the Ilocos region to be made halal-aware and Muslim-friendly tourism. Esteemed speakers from DOST Region 1, Mr. Jonathan M. Viernes, the Provincial Director of PSTO La Union, and Mr. Hero D. Galamgam, a Science Research Specialist, discussed the Philippine National Halal Certification Scheme

and the Halal Assurance and Management System. This guarantees complete compliance of the food sectors with the halal-quality of food and promotes the adoption of safe food handling practices in compliance with Halal standards among food processors, local tourism, and other stakeholders. As a result, they will have a better understanding of what Halal is, how to develop a Halal Assurance System, and how to manage a Halal-certified company.

The training was participated and showed interest by local food processors and manufacturers, tourism establishments and enterprises, and food technology students and instructors from the academe.



The DOST Halal REDI Tourism Program is viewed as a promising tourism development that would improve connectivity and promote local tourism so that people may enjoy and experience the greatest products and Muslim-friendly tourism, especially the promotion of specialized products like Cultural and Halal tourism.

Thus, DOST Region 1 intends to give more halal training as it promotes an easy way to learn and seek out better information about halal and raises awareness among its stakeholders.

For more information, interested MSMEs, tourism establishments, or enterprises looking for a training institution that will help them improve their skills or simply want to learn about Halal, may tap DOST1 for assistance. For more details, you may send an email to redihalal.dost1@gmail.com.

2022 REGIONAL SCIENCE AND TECHNOLOGY WEEK IN REGION 1



The RSTW celebration highlights the significant contributions of science and technology to national development and has become a platform for heralding S&T advocacy in the region. This year's theme is "Agham at Teknolohiya: Kabalikat sa Maunlad at Matatag na Kinabukasan."

The 3-day activity officially started with an opening ceremony and a welcome message from the DOST 1 Regional Director, Dr. Armando Q. Ganal. 19 exhibitors from different participants such as Don Mariano Marcos Memorial State University (DMMMSU), Pangasinan State University Food Innovation Center (PSU-FIC), Bureau of Fisheries and Aquatic Resources (BFAR), Bureau

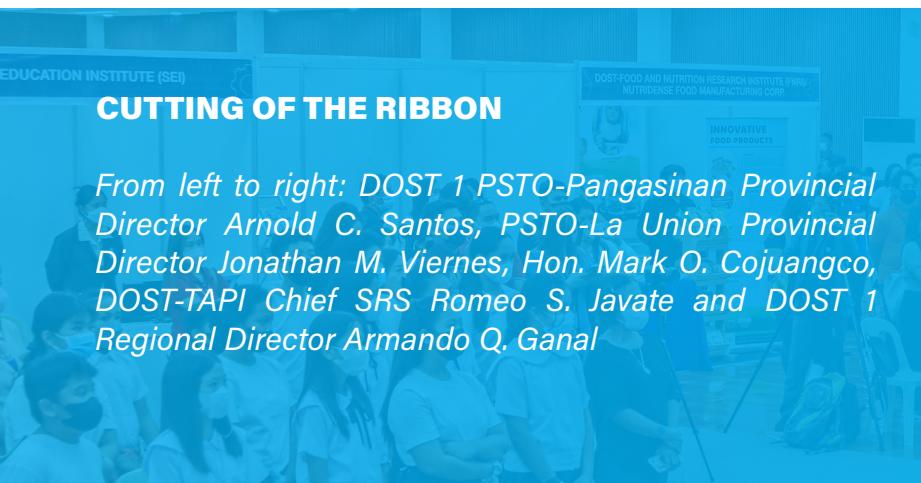
of Fisheries and Aquatic Resources (ILAARRDEC), University of Northern Philippines (UNP), and other partner entities displayed their research-generated and technology products that are available for promotion and appreciation to potential technology adopters. Some of the booths, like the PSU-DOST 1 FIC offered, a free taste of their displayed products.

One highlight of the event was the CEST Summit and Awarding of Best CEST Communities which emphasized the importance of cooperation and hand-in-hand collaboration of the DOST, CEST-assisted communities and partners to empower far-flung communities in the region with S&T innovations.

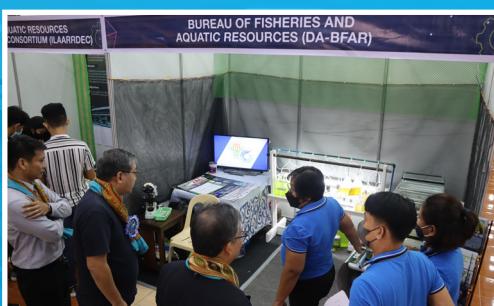
Other activities conducted were the Press Conference, Invent School Program for Elementary Students, Stakeholders' Forum, Project Visits to SETUP Beneficiaries, Tech Talk, Starbooks Stakeholders's Regional Convention, Invent School Program for Elementary Students, Business to Business Meeting, SETUP Summit and PSHS Regional Sci-Math Battle.

Viewing of Technology Exhibits, Bazaars, Mobile Planetarium and other PSHS Interactive Exhibits were also enjoyed by the visitors.

The event was successfully concluded with an awarding of STI Champions, SSETUP PRAISE Awards and certificates of appreciation to all exhibitors.



VIEWING OF THE TECHNOLOGY BAZAAR AND EXHIBITS



Through the different activities conducted within the three-day program, the different sciences, technologies, and innovations of different exhibitors were highlighted. The activity was filled with information on different aspects of science and how these technologies and innovations contribute to the development of the country. The 2022 RSTW was indeed a fun, informative, and exciting activity that every participant enjoyed.

DOST 1 partners with UDD to upskill public school teachers in Umingan, Pangasinan

By: Jennifer C. Fernandez

The Department of Science and Technology- Provincial S&T Office Pangasinan, in partnership with the Universidad de Dagupan (Udd) assessed the Information and Communication Technology (ICT) capability and utilization among teachers in the three (3) beneficiary schools of the Community Empowerment thru Science and Technology (CEST) program in the municipality of Umingan, Pangasinan.

The teachers at Luna Este Elementary School, Luna Weste Elementary School, and San Juan Elementary School shared their struggles with the current situation requiring a shift from the traditional face-to-face classroom to online and blended learning. The use of computer and its related technologies in our present education system has received more attention for improving the standard of learning and teaching.

Through the UdD School of Information Technology Education led by Dr. Ruby Rosa Cruz, with Ms. Evangeline Lachica, Mr. Arnaldy Fortin, and Dr. Engelbert Cruz, distributed surveys to 16 teachers to profile and level the ICT capability and further understand their standing in utilizing available ICT devices in the school. With their collected response, UdD will identify series of ICT trainings that will enhance the skills of the respondents.

Aligned with the DOST's 11-point agenda, CEST program strengthens human resources through science, technology, and innovation to close the gap between technology and rural schools.



DOST-I extends Awareness Seminar on cGMP, Product Packaging & Labeling, Skills Training on Ube Processing to Ube Growers and Local Processor of Agoo, La Union

By: Michaella P. Cabading



The Department of Science and Technology Region I (DOST-I) through the La Union Science and Technology Office (PSTO-LU) extended a three-day training on Awareness Seminar on current Good Manufacturing Practices (cGMP), Product Packaging & Labeling and Skills Training on Ube Processing for the Ube Growers and Local Processor of Agoo, La Union last November 2-4, 2022 held at Farmer's Hall and Food Processing Center, Agoo, La Union.

The training comprised of lectures on Awareness Seminar on cGMP and Product Packaging & Labeling on the first day, Skills Training on ube jam, ube kalamay, and ube pandesal on and ube wine on the second and third day, respectively.

Ms. Michaella P. Cabading, Project Assistant I of PSTO-La Union was tapped as resource person for the Awareness on cGMP and Skills training on Ube processing. She reiterated the importance and benefits of cGMP in food processing to assure a safe, wholesome and quality product. On skills training, she discussed the systematic procedure followed by a hands-on training for the participants on ube processing.

On the other hand, Engr. Bernadine P. Suniega, Science Research Specialist II of PSTO-La Union, was also tapped as resource person for Product Packaging and Labeling. He presented the topics on Packaging Issues, Food, Food Packaging and Trends, Importance of Packaging and

Trends, Importance of Packaging and Labels to products, and Governing Laws and Regulations on Labeling and other mandatory requirements. Engr. Suniega also informed the participants that DOST 1 offers free labeling design for their products.

The training ended with a brief closing program and awarding of certificates. Ms. Ricalyn Bautista of LGU Agoo Food Processing Center gave her profound gratitude to everyone for the success of the activity. She reminded everyone for the sustainability of the project, wherein all the sacrifices of both parties should not be put into waste but rather continue to grow.

DOST 1 conducts STARBOOKS Stakeholders' Convention

By: Mary Ann C. Belen

The Department of Science and Technology Region 1 (DOST 1,) in collaboration with the DOST Science and Technology Information Institute (STII) recently conducted a Science and Technology Academic and Research-Based Openly Operated Kiosks (STARBOOKS) Stakeholders' Regional Convention, as part of a regional celebration of the National Science and Technology Week with the theme, "Agham at Teknolohiya: Kabalikat sa Maunlat at Matatag na Kinabukasan" that took place on November 10, 2022 at the Golden Lion Hotel of Pangasinan State University in Lingayen, Pangasinan.

Dr. Armando Q. Ganal, DOST 1 Regional Director officially opened the ceremonies, while Hon. Ramon V. Guico III, Governor of the Province of Pangasinan represented by Atty. Korina Cueva, Executive Assistant III, delivered the Governor's message as partner of the DOST in the realization of STARBOOKS to improve the quality of education in the country. DepEd Region 1 extended their warmest appreciation and commendation to DOST1for organizing the STARBOOKS Stakeholders' Regional Convention.

"Sa usapan ng Pananaliksik, kinikilala ang contribution ng STARBOOKS sa paghahatid ng impormasyon at kaalaman sa bawat sulok ng Pilipinas. Ito ay napapanahon at angkop sa direksyon ng ating Gobernador na Digitization, upang maging accessible ang serbisyo at tulong sa ating mamamayan," Atty. Cueva stated.

STARBOOKS in Region 1 was presented thru audio-visual which highlighted how it was implemented,



its objectives, places where the units were deployed and the beneficiaries. Meanwhile, Dr. Richard P. Burgos, DOST STII Director gave the participants and viewers a glimpse of the STARBOOKS.

A total of 119 participants attended the STARBOOKS Stakeholders' Regional Convention face-to-face,

comprising of principals, teachers, IT staff, librarians, and district supervisors.

The Community Empowerment thru Science and Technology (CEST) Program also awarded a set of computer and Kiosk to seven (7) CEST beneficiary schools in Pangasinan during the convention.

DOST 1 conducts TNA validation to 9 firms for SETUP in Ilocos Sur; monitors ongoing projects

By: Laurine R. Sales



The Department of Science and Technology Regional Office No. 1 (DOST-1), through the Provincial Science and Technology Office - Ilocos Sur (PSTO-IS) conducted an onsite Technology Needs Assessment (TNA) validation to nine (9) firms for endorsement to the agency's Small Enterprises Technology Upgrading Program (SETUP) and conducted monitoring of assisted projects under the program as part of the three-day monitoring and validation activity in the province.

The validation aims to assess the firms' technological needs to achieve their development goals and technological solutions needed to address the identified constraints in their production or manufacturing. The firms could be assisted through the acquisition of an upgraded equipment, consultancy services, packaging and labeling of products, product testing, and others. The result of the activity

will serve as a baseline data in the preparation of business proposals. baseline data in the preparation of business proposal for the approval of the budget for 2023.

The validated firms include Nolasco Aluminum and Glass Supply of Vigan City, January's Food Products of San Ildefonso, Delmendo Ricemill and Ellena's Lumpia Wrapper in Tagudin; AGP Sailor's Souvenir Shop and Estrel's Calamay in Candon City; and Kalen and Katlyn Furniture and Jomer Gasmen Furniture and Glass Supply in Narvacan, Ilocos Sur.

After the validation, these assessed firms will undergo business proposal presentations to the Regional Technical Evaluation Committee (RTEC) for approval.

Dr. Armando Q. Ganal, DOST 1 Regional Director leads the activity together with Engr. Jordan L. Abad,



Sur, Engr. Arnold Santos, Provincial S&T Director of Pangasinan, Engr. Benjamin S. Mercado, Provincial S&T Director of Ilocos Norte, Mr. Gerald Gabriel, Science Research Specialist II of Ilocos Norte, Ms. Katrina Ronquillo and Ms. Karen Eslao, both project staff from the Regional Program Management Office of the DOST, and some PSTO-IS staff.

Meanwhile, six (6) firms were monitored on October 12 which include Niks Printing Services, Torres Rice Mill, Malakas Farm, Costales Ricemill, and Manang Cora Sugarcane. On the other hand, the Caoayan Ipon Bagoong Association was also monitored under the Community-based Project.

The monitoring was conducted to assess the impacts of the S&T interventions provided to the firms in terms of productivity, jobs generated, and financial standing.



DOST 1 PROGRAMS & SERVICES

TECHNOLOGY TRANSFER AND COMMERCIALIZATION PROGRAM

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SMALL ENTERPRISE TECHNOLOGY UPGRADING PROGRAM

iFWD PH

INNOVATION FOR FILIPINOS WORKING DISTANTLY FROM THE PHILIPPINES

CEST

COMMUNITY EMPOWERMENT THROUGH SCIENCE AND TECHNOLOGY

COMMUNITY-BASED

COMMUNITY-BASED PROJECTS

SCIENCE AND TECHNOLOGY SERVICES

RSTL

REGIONAL STANDARD AND TESTING LABORATORIES

TACS

TECHNICAL ASSISTANCE AND CONSULTANCY SERVICES

P&L

PACKAGING AND LABELING ASSISTANCE

TECH TRAININGS

TECHNOLOGY TRAININGS

SCHOLARSHIP PROGRAMS

JLSS

JUNIOR LEVEL SCIENCE SCHOLARSHIPS

UNDERGRADUATE

UNDERGRADUATE S&T SCHOLARSHIPS

GRADUATE

GRADUATE S&T SCHOLARSHIPS

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Telefax: (072) 888-3399
CP No.: 0917-840-8695 or 0998-962-0232
Email: mail@region1.dost.gov.ph

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