

DOST North Luzon Cluster opens TAPI's Stakeholders' Forum and Caravan in Ilocos Norte

The Department of Science and Technology Northern Luzon Cluster (DOST 1, 2,3 and CAR) took part during the opening of DOST Stakeholders' Forum and Caravan held at the Mariano Marcos State University (MMSU) in the City of Batac, Ilocos Norte.

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22 new trained First Aiders of DOST 1 and assisted Firms

The Department of Science and Technology Regional Office 1 (DOST RO 1) through its Disaster Risk Management and Health Services Unit (DRMHSU) in partnership with the Philippine Red Cross (PRC) – La Union Chapter conducted an Occupational First Aid Training with Basic Life Support (BLS)/ Cardiopulmonary Resuscitation (CPR) with Automated External Defibrillator (AED).

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PSTO conducts yearly free calibration to CEST Beneficiary

The Department of Science and Technology Region 1 through its Provincial Science and Technology Office- Ilocos Norte extends its annual free calibration of weighing instruments to CEST beneficiary and its neighboring town last October 14, 2022.

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EDITORIAL PAGE

Hi there, S&T friends!

Great October, mga ka-agham! I am delighted to share with you the accomplishments of DOST 1 for the month of October 2022.

As we go into the final three months of the year, DOST 1 continues raising awareness about science, technology, and innovation and taking action to make its endeavors be felt by the people in region 1.

This issue presents the initiatives of the provincial and regional offices of DOST 1 in the areas of Kabuhayan, Kaayusan, Kalusugan, and Kinabukasan.

On Kabuhayan

This quarter opens doors for the Sinapangan Sur Farmers Agricultural Multi-purpose Cooperative as they receive processing equipment to improve their production. This community-based project of DOST aims to harness the country's scientific and technological capabilities by providing financial grants to S&T programs/projects to spur a sustainable economic growth for the country. You may check with us on how can you obtain such assistance, too. Our numbers and office are open for your inquiries.

On Kaayusan

The DOST-TAPI North Luzon Cluster Cluster Stakeholders' Conference and Caravan in Ilocos Norte is one of this month's highlights. The joint efforts of DOST 1, 2, 3, and CAR are a part of the institutional support for technology exposition promotional activities by TAPI, which aims to increase public awareness of the DOST technologies. After a successful start, the three-day event was cut short by an earthquake that struck in the evening of October 25. The remaining activities will still be completed because they will be pushed through in the next month.

On Kalusugan

The DOST's holistic approach to nurturing its employees and stakeholders is extremely visible in the execution of an Occupational First Aid and BLS/CPR with AED training. This is all part of DOST's campaign to lead the way through STI in the region. Seven representatives from DOST 1-assisted enterprises and twelve DOST employees received training on how to provide medical assistance in an emergency. In support of the national education effort to guarantee the safety of the Filipino people, these events will continue across the entire region.

On Kinabukasan

What a wonderful month it has been for Candon City, since they now have access to STARBOOKS, the country's first library in a box. This program intends to increase students' aptitude for math and science as well as provide STI information to the students of the municipality.

These highlights are merely the cherry of the DOST 1 efforts; as you read through this October edition, there are more of them. Through this Ilocos S&T Trends magazine, find out more about what we do and what we have accomplished.

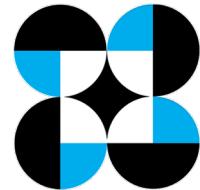
Enjoy reading!

*Mabuhay ang DOST! Mabuhay ang region 1!
Mabuhay ang DOST 1!*



CARLA JOYCE B. CAJALA

Editor-In-Chief, Ilocos S&T Trends



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22 new trained First Aiders of DOST 1 and assisted Firms

By: Gael Myca Dacanay



The Department of Science and Technology Regional Office 1 (DOST RO 1) through its Disaster Risk Management and Health Services Unit (DRMHSU) in partnership with the Philippine Red Cross (PRC) – La Union Chapter conducted an Occupational First Aid Training with Basic Life Support (BLS)/ Cardiopulmonary Resuscitation (CPR) with Automated External Defibrillator (AED) for selected DOST 1 – assisted firms in La Union, DOST RO 1 staff and Provincial Science and Technology Office – La Union (PSTO – LU) staff on October 11-12, 2022 at the Multipurpose Building of the PSTO – LU.

12 DOST RO1 staff, three (3) PSTO LU staff and seven (7) representatives from DOST1-assisted firms completed the Occupational First Aid Training. The training, which was specifically conducted by the Safety Services Department of the PRC – La Union aims to provide a world class training in First Aid and Basic Life Support (BLS)

as part of its nationwide education campaign to ensure the safety of the Filipino people.

The first day of the training focused on lectures about the introduction to first aid and basic life support, emergency action principles, and common emergencies. PRC - LU Instructors Miss Steffani Pomilban and Mr. Shawn Michael Dave Mendez also taught the participants proper bandaging techniques using a triangular bandage and elastic roller bandage on different scenarios. After the lecture-demonstration, the participants performed a return demonstration on how to apply the different techniques according to the situations given by the instructors. The next day was full of demonstrative lecture about skills on lifting and moving patients and special situations that deals with emergency evacuation drill. Followed by the series of lectures and demonstrations was a simulation activity wherein the participants were

grouped into two to act as victims and rescuers. The participants actively demonstrated different lifting and moving techniques wherein the acting victims were rescued from the different areas of PSTO – LU ground floor and was transferred to an assigned safe area of the building.

To conclude, DOST DRMHSU and PRC LU held a short graduation ceremony for the 22 participants who completed the training. Present during the ceremony is the Provincial Director of PSTO – LU, PD Jonathan M. Viernes who gave a message putting emphasis on the importance of having a first aid training to be equipped on proper knowledge and skills in addressing emergencies.

The DRMHSU will continue in spearheading the region-wide first aid training for selected Micro Small Medium Enterprises (MSMEs) and staff to the two PSTO'S in Pangasinan and Ilocos Sur.

DOST 1 assists DOST-Phivolcs in earthquake impact assessment in Ilocos Sur

By: Laurine R. Sales

The Department of Science and Technology 1 (DOST 1), through the Provincial Science and Technology Office – Ilocos Sur (PSTO-IS) here accompanied the DOST Philippine Institute of Volcanology and Seismology (DOST - Phivolcs) in the assessment of the geologic impacts of the October 25 6.4 magnitude earthquake in Sinait, Ilocos Sur.

DOST- Phivolcs team headed by Mr. Daniel Jose L. Buhay, Science Research Specialist II, lead the inspection in coordination with the Municipal Disaster Risk Reduction Officer, Ms. Ericka Ilaban of the said municipality.

Before the assessment, the team paid a courtesy call to Engr. Jordan L. Abad, Provincial S&T Director discuss itinerary and other related activities of the visit.

Geologic impacts such as liquefaction were found along the shoreline of Barangay Teppeng, Sinait according to Mr. Buhay.

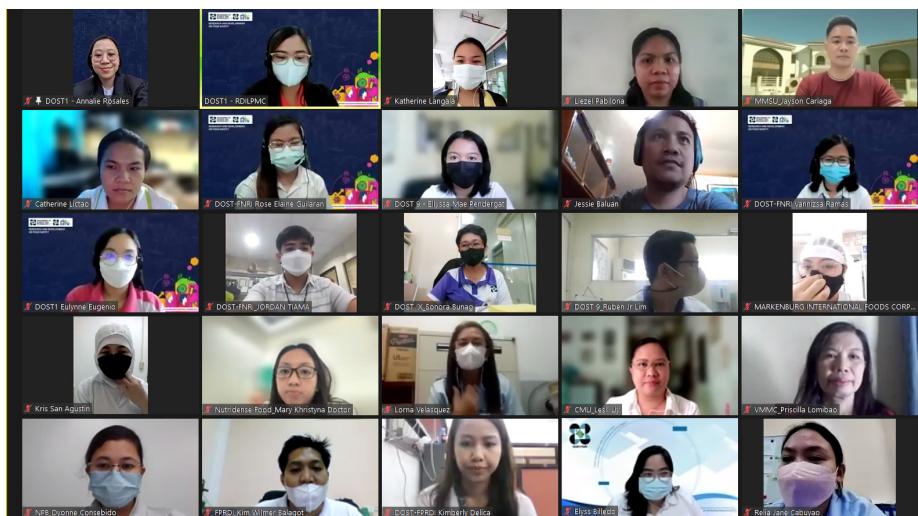
Landslides in Brgy. Nagcullooban and Brgy. Cabulalaan were also inspected and assessed. Residents from the communities affected were asked on their experiences during the earthquake through an intensity survey form of the DOST-Phivolcs.

Results of the assessment will be consolidated for reporting by the DOST Phivolcs after thorough evaluation in the province and in Ilocos Norte from October 27-28, 2022.



DOST 1 - Fuels the Research and Development in the Field of Food Safety

By: Xyla Lielle S. Cave



2022 NATIONAL SCIENCE AND TECHNOLOGY WEEK
RESEARCH AND DEVELOPMENT ON FOOD SAFETY WEBINAR
24 OCTOBER 2022

'Safer Food, Better Health', "So only when we make the food safe, that we can benefit from its nutritional value. Whether ikaw ay nagsusupply, nagdedevelop, nagprocess or transport ng food product, nagbebenta, nagseserve, or yung kumakain mismo, you have a role to play in keeping the food safe".

Ms. Vannizsa I. Ramas
Science Research Specialist II
DOST - Food and Nutrition Research Institute

In celebration of the Regional Science and Technology Week, the Department of Science and Technology Region 1(DOST1),through the Research and Development and International Linkages Program Management Center (RDILPMC), conducted a webinar Research and Development on Food Safety on October 24, 2022, via Zoom and Facebook Live.

The webinar focused on the comprehensive approach of Research and Development in the field of Food Safety. Ms. Vannizsa Ramas, Science Research Specialist II of DOST - Food and Nutrition Research Institute (FNRI), elaborated the key stages of new food product development, products life cycle, and intricates the identification and management of food safety risks where she highlighted the importance of food safety on why it should incorporate in all steps of food product development. "Kailangan na kailangan naten ang food safety at this time especially now that we are experiencing COVID-19 effects not only in our health but also in our nutrition. That's why we all have

part in ensuring food safety, as a manufacturer it is our responsibility to create food products that are safe for our consumers. Why? because we want to protect public health, protection for you as a manufacturer and protection for your consumer. Of course, when you protect your consumer, that consumers trust will follow you." She ended her discussion with a closing message in line with this year's theme for World Safety Day, Safer food, Better Health, so only when we make the food safe, that we can benefit from its nutritional value. Whether ikaw ay nagsusupply, nagdedevelop, nagprocess or transport ng food product, nagbebenta, nagseserve, or yung kumakain mismo, you have a role to play in keeping the food safe.

On the other hand, Ms. Rose Elaine Guilaran, Senior Science Research Specialist of DOST - Food and Nutrition Research Institute (FNRI), emphasized the DOST-FNRI's initiatives and shared its major programs wherein she tackled the Compilation and Management of Philippine Food Composition Data and

Assessment Studies to generate scientific information necessary to quantify food supply in the Philippines prompting researchers to be aware on the regulatory agencies and control systems. She also highlighted that food safety is everyone's responsibility, it is a shared responsibility among the different agencies and sectors in the country.

The webinar ended with a closing message from DOST1 Officer in Charge for Field Operations, Ms. Adelisa C. Florendo. She emphasized the importance of improving collaboration across different government agencies, as well as with the private sector, and consumer organizations in achieving a healthy and sustainable food safety systems as it was highlighted throughout the webinar, that food safety is a shared responsibility. "We hope that this webinar has given you valuable insights and new information as you continue to improve and pursue your research and development endeavors. Don't be safety blinded but rather be safety minded," she remarked.

DOST North Luzon Cluster opens TAPI's Stakeholders' Forum and Caravan in Ilocos Norte

By: Kent J. Ramil



The Department of Science and Technology Northern Luzon Cluster (DOST 1, 2,3 and CAR) took part during the opening of DOST Stakeholders' Forum and Caravan held at the Mariano Marcos State University (MMSU) in the City of Batac, Ilocos Norte.

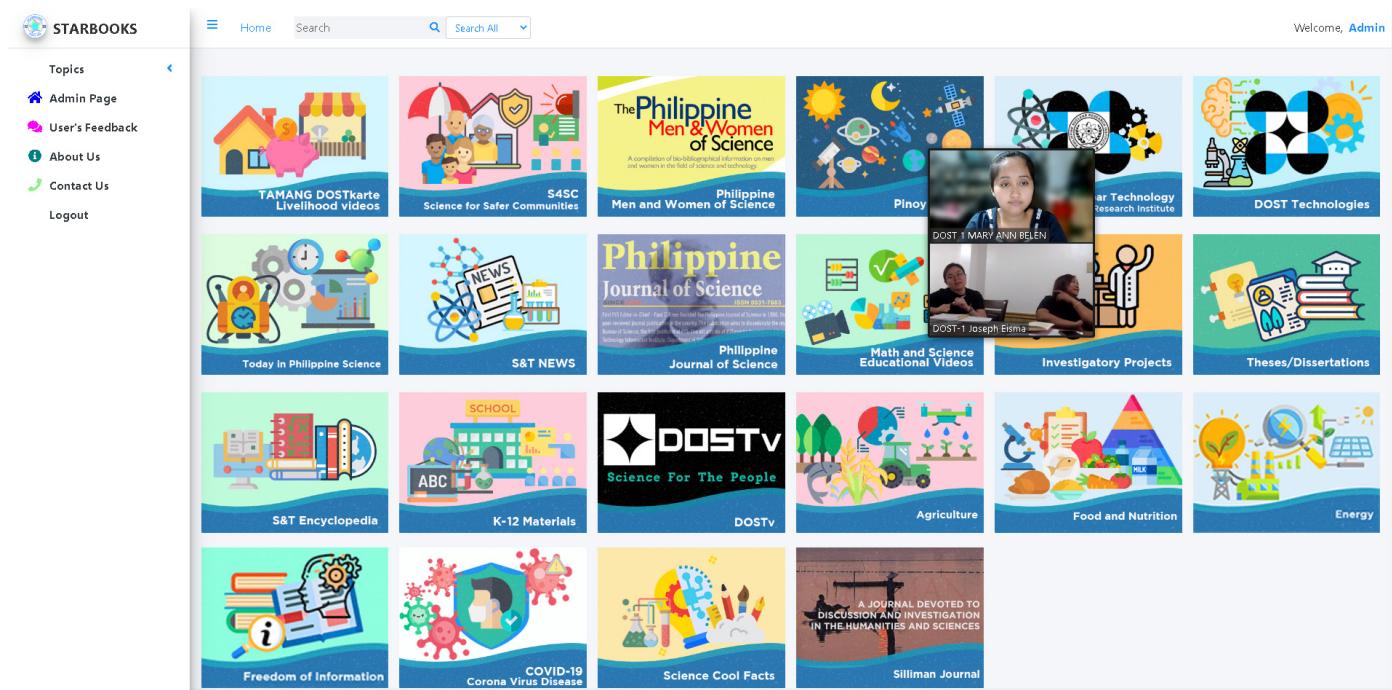
The activity is part of the Technology Application and Promotion Institute's (TAPI) Institutional Support for Technology Exposition's (ISTE) promotional activity.

To show their support during the opening activity dubbed as "DOST Stakeholders' Forum and Caravan: Bringing S&T Closer to the People 'Lakbay Teknolohiya para kay Juan at Juana'", which showcases DOST-generated technologies and products of micro, small, and medium enterprises (MSMEs) beneficiaries of DOST's various programs and services, DOST-TAPI's Director Atty. Marion Ivy D. Dacena, Regional Directors Dr. Nancy A. Bantog (DOST CAR), Dir. Virginia G. Bilgera (DOST 2), MMSU President Dr. Shirley C. Agrupis, Vice Mayor Wendell Chua and Atty. Juan Alfonso Augustus I. Jose of the Provincial Government of Ilocos Norte and other stakeholders are present.

More than 50 DOST-assisted products hailing from Northern Luzon were exhibited during the caravan including the technologies developed and ready for commercialization from DOST-TAPI.

DOST-1 bringing First Philippine Library in a box to the City of Candon

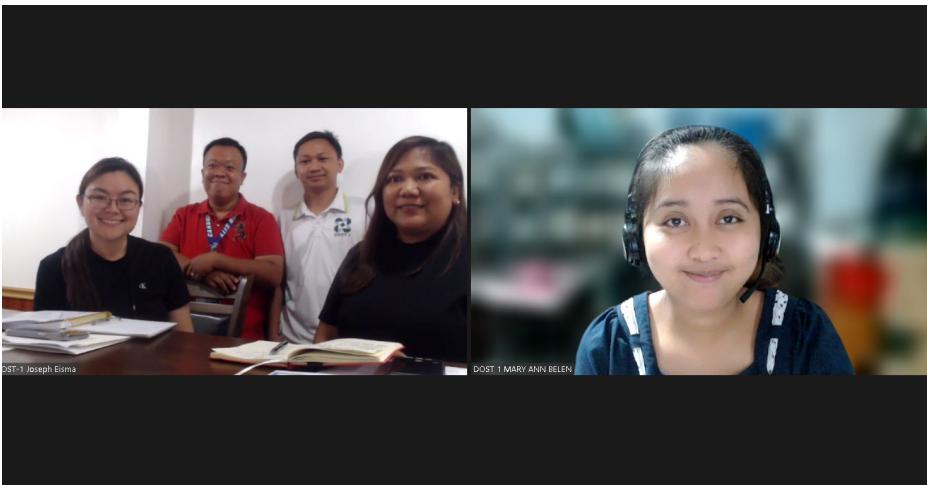
By: Mary Ann C. Belen



The Department of Science and Technology Regional Office 1 (DOST 1), through Provincial Science and Technology Office Ilocos Sur (PSTO-IS) brings the Science and Technology Academic and Research-Based Openly Operated Kiosk (STARBOOKS) to the Municipality of Candon City last October 13, 2022, via zoom platform to improve the aptitude for Science and Mathematics and to disseminate science and technology information.

Hon. Vice Mayor Kristelle Singson, Hon. SPM Lerisa Llanes, and Mr. Michael Angelo, Local Legislative Staff were present in the deliberation of STARBOOKS at City Library of Candon City.

According to Vice Mayor Singson, the adoption of STARBOOKS in Candon City's various schools will



benefit all students and teachers due to the fast pace of learning in the new normal. Vice Mayor Singson and SPM Llanes plan to conduct a meeting with the city library and the different schools of Candon to promote STARBOOKS in their institutions.

The STARBOOKS, also known as "Library in a Box" is an offline

e-library developed by DOST-Science and Technology Information Institute (STII). The storage of encyclopedia, S&T-based research, and other science-related learning resources in various formats will provide a digitalized learning experience to students, teachers, researchers, and other science enthusiasts in the community.

DOST 1 participates in the DOST-Wide GAD Focal Point Assembly at Solea Mactan Resort, Cebu City

By: Rio Dyan B. Adviento

The Department of Science and Technology Region 1 - Gender and Development (DOST1-GAD) Unit, through Assistant Regional Director for Technical Services Ms. Racquel M. Espiritu and Ms. Rio Dyan B. Adviento, attended the DOST-wide GAD Focal Point Assembly 2022 with the theme "Functional GFPS: Leading Towards a Gender-Responsive DOST" on October 26-28, 2022 at Solea Mactan Resort, Cordova, Cebu City.

In his introductory remarks, Engr. Jesus F. Zamora Jr., Regional Director of DOST-Region VII, thanked everyone for attending and shared their experience with GAD in Region VII. RD Zamora also discussed the significance of GAD and provided some insights into it. He urged the attendees to take advantage of the best speakers in the room and to learn from them.

Dr. Diana L. Ignacio, Assistant Secretary for Administrative Legal Services (ALS) and In-Charge of GADU and DOST-wide GAD Focal Person shared a heartfelt message with everyone and urged them to participate in all the activities while also appreciating the surroundings.

Ms. Maria Fe B. Singson, Supervising Science Research Specialist of the DOST GAD Unit, discussed the objectives and the desired goal of the activity. She also tackled Session I: Presentation of the GFPS Functional Assessment Tool.

Mr. Richard P. Burgos, Director of Science and Technology Information Institute(STII) shared their experiences in using the GFPS Functionality Tool.



On the second day, Dr. Teresita A. Tabaog, ARD-TS of DOST 2 and a member of DOST's Speakers Bureau (DSB), led a solemn prayer to begin the program. Ms. Maria Rowena C. Madarang, ARD for Finance Administrative Services (FAS) of DOST Cordillera Administrative Region (CAR) and a DSB member, then gave a very thorough recap.

Following that, the first resource speaker for the day, Engr. Terencia B. Abarquez, Officer In Charge (OIC), S&T Resource Assessment Evaluation Division - Planning and Evaluation Services (STRAED-PES), DOST Central Office (CO) tackles Session II: "Collection of SDD and Setting Up of GAD Database".

Moving on, Ms. Anita E. Baleda, Chief GAD Specialist, Policy Development, Planning, Monitoring and Evaluation Division (PDPMED), Philippine Commission on Women (PCW) talked through the Session III which is The DOST GAD Strategic Plan.



During the last day of the assembly, Ms. Elsie Mae A. Solidum, ARD-TS of DOST XI, Ms. Jennifer A. Pidor, Provincial Science and Technology Director (PSTD) of Zamboanga Sibugay, other members of the DSB provided a very engaging icebreaker and a thorough overview on the third and last day of the program.

Dr. Diana L. Ignacio, then spoke at Session IV: Presentation of GMEF Results. The discussion continued with Session IV: Issues, Concerns, and Updates Regarding GAD Implementation in DOST.

DOST 1 will continually take part in GAD-related programs in order to develop into a more gender-responsive and gender-sensitive institution.

DOST 1 intensifies Technical assistance on Food Safety to Pangasinan Firms

By: Bernalyn P. Martinez

To support the food safety compliance of food processing firms in Pangasinan, the Department of Science and Technology Region 1 (DOST 1) through its Provincial Science and Technology Center-Pangasinan (PSTO-Pangasinan) intensified its technical assistance through the conduct of Food Safety assessment to seven (7) firms on October 5-6, 2022.

The DOST 1 Food Safety team led by Engr. Arnold C. Santos, Provincial Director of PSTO-Pangasinan along with Food Safety expert Ms. Felicidad M. Gan, Mr. Hero D. Galamgam, microbiologist of DOST 1 and Ms. Jennifer C. Fernandez, SRS II, Ms. Catherine L. Lictao, Ms. Sheryl Ann E. Balmadres, Ms. Bernalyn P. Martinez and Mr. Julian R. Viray assessed the existing production area, processes and documentation of the firms.

Firms assessed were Soya Production of Sta. Barbara, Gabay sa bagong Pag-aso Managos Chapter of Bayambang, Solid Brass Bakeshop and Pinang's Kitchenette of Calasiao, Palisoc Women's Association, Pogo Kalipi Livelihood Association and Diaz Farmer's Association of Bautista.

The activity aimed to assess the sanitary conditions and practices established by these food firms in conformance to Good Manufacturing Practices (GMP), Basic Food Hygiene, and Food Safety Requirements.

The team will provide report on their findings and recommendations to further improve their practices and



be ready for their Food and Drugs Administration (FDA) Licence-to-Operate (LTO) Application. Also, the PSTO-Pangasinan conducted an in-house Food Safety Training to

Lighthouse Cooperative of Mangaldan and Healthy Choice Café in Calasiao to provide knowledge to their employees on cGMP and Food Safety Practices in the area.

Tekno Presyensya presents DOST-SEI's Undergraduate Scholarship Program

By: Carla Joyce B. Cajala



The Department of Science and Technology Region 1 (DOST 1), together with DZAG Radyo Pilipinas Agoo, presented the DOST- Science Education Institute's (DOST-SEI's) Undergraduate Scholarship Program on their weekly radio program titled, "Tekno Presyensya: Syensa ken Teknolohiya para kadagiti Umili," on October 13, 2022.

Ms. Adelisa C. Florendo, Regional Coordinator for Scholarship and Small Enterprise Technology Upgrading Program (SETUP) enthusiastically answered the most frequent asked inquiries regarding the scholarship program of DOST-SEI. According to the unit's most recent campaign, the scholarship is available to Grade 12 students planning to major Science, Technology, Engineering and Math (STEM) courses. On the other hand, those who are in the top five percent of the graduating class and are interested in continuing with non-

STEM courses may also be awarded scholarships provided they meet the necessary requirements and have the necessary credentials.

Additionally, Ms. Florendo listed the prerequisites, provided an overview of the application procedure, and mentioned the qualification criteria. Likewise, she explained the benefits that come with being qualified for the scholarship.

Engr. Michael Daniel Ramirez, a former DOST scholar shared his experience with applying in the scholarship program down to his life at present. He talked about how the DOST-SEI scholarship helped him become a registered mechanical engineer and registered master plumber, and how it contributed to his success. "If not for DOST, I wouldn't be here, where I am today," he remarked. Engr. Ramirez, who is currently an instructor at his alma mater, Don

Mariano Marcos Memorial State University- Mid La Union Campus (DMMMSU-MLUC), urged all qualified students to apply for the scholarship program because it could significantly aid them and their families in financing their education.

Meanwhile, Ms. Racquel M. Espiritu, Assistant Regional Director for Technical Services, highlighted the successes of the regional office and provincial S&T centers in the provinces of Kabuhayan, Kaayusan, and Kinabukasan and thanked the staff and unit heads for cooperating to meet their goals.

If you're interested in applying for the DOST-SEI Undergraduate Scholarship Program, you can find out more information by visiting the regional and provincial DOST offices or by clicking this link: <https://www.science-scholarships.ph/>

DOST- 1 Provides DRRM Training, Composting Methods Seminar, and ICT skills training for DepEd Teachers to CEST Area in Burgos, La Union

By: Christian Jastine V. Mendoza



The Department of Science and Technology (DOST-1) through its Provincial Science and Technology Center- La Union (PSTC-LU) office, in cooperation and partnership with the Local Government Unit of Santol, La Union (LGU), Bureau of Fire Protection (BFP-Naguilian), and Don Mariano Marcos Memorial State University (DMMMSU) conducted DRRM training, Composting Methods Seminar, and ICT skills training for DepEd Teachers to the CEST area in Burgos, La Union.

The first activity conducted on October 26, 2022 was a training and workshop on Community Based-DRRM for the BDRRMO and Brgy. Tanods in Lower Tumapoc, Delles, and Linuan. The training aimed to update Community Based-DRRM system of the three barangays with the goal to train and equip officers to be disaster-risk ready.

FO3 Robertson A. Subala, discussed the overview of the Community-Based Disaster Risk

Reduction Management. Mr. Subala also gave an emphasis on the importance of Community Risk Assessment on which officers worked on determining high-risk areas in their respective barangays.

The BDRRMO and Brgy. Tanods experienced simulation on how to apply first aid, Basic Life support, and conduct Basic Rescue Procedures. FO3 Daryl Jones V. Orpilla together with FO1 Jayson Rivera demonstrated the safety standard on how to conduct the aforementioned procedures.

Another activity conducted, under Environmental Protection and Conservation, was a Training on Composting Methods Amongst Households that was held on October 27, 2022 at the Legislative Building of LGU-Burgos. During the training, Mr. Julius Caesar Amoyen, DMMMSU Faculty Staff, gave an introduction to composting where he discussed the benefits of composting to our environment. In addition, he also enumerated different composting



methods. Ms. Joanne Salazar on the other hand focused her presentation on the processes of Vermicomposting. Ms. Salazar demonstrated how to properly maintain and store the worms.

Finally, under Human Resource and Development/Basic Literacy, DOST-PSTO La Union in partnership with DMMMSU-College of Research and Extension, conducted ICT skills training for DepEd teachers on October 28, 2022. The teachers were trained to utilize MS Office Software and intermediate computer troubleshooting in the pursuit of equipping them with improved Information and Communication Technology (ICT) skills. Mr. Mark Kenneth Mangaser, Instructor I, taught the participants on the advanced functions Microsoft Word. Ms. Koryn S. Viray discussed how to operate MS Powerpoint; Ms. Lovely Joy Maquiling showed how the fields and formulas of MS Excel work together; Mr. Rufo A. Baro and Mr. Excel V. Cabrera demonstrated how to do intermediate troubleshooting.

DOST-I awards processing equipment to Sinapangan Sur Farmers Agricultural Multi-Purpose Cooperative

By: Catherine M. David

The Department of Science and Technology Region 1 (DOST 1) through its Provincial Science and Technology Office - La Union (PSTO- La Union) awarded processing equipment such as one (1) unit cooking vat and one (1) unit rice grinder to Sinapangan Sur Farmers Agricultural Multi-Purpose Cooperative (SSFAMPC) on October 4, 2022. SSFAMPC is located at Brgy. Sinapangan Sur, Bangar, La Union that produces rice coffee. In roasting, they manually roast the rice using a cooking vat and ladle. They outsource the grinding process which cause additional cost and time. The said pieces of equipment will help them facilitate easier roasting and minimize time and costs in their rice coffee production. DOST-1 will also provide packaging materials and labeling design for the improvement of the product. The fabricator, led by Mr. Marcos M. Aquino demonstrated how to properly use the equipment and assured the cooperators for the warranty and assistance in case of damages. Mr. Aquino is a fabricator of Bestmark Agro-Industrial Manufacturing Corporation located in Banaoang, Santa Barbara, Pangasinan. Present during the awarding is Mr. Ruben M. Macadaeg, Chairman of the SSFAMPC, Ms. Remedios B. Sibayan, Cooperative manager Mr. Wilfredo Dupal and Ms. Elizabeth Geniston, Cooperative treasurer. The Community-based Project of DOST aims to harness the country's scientific and technological capabilities by providing financial grants to S&T programs/projects to spur a sustainable economic growth for the country.



PSTO conducts yearly free calibration to CEST Beneficiary

By: Kent J Ramil



The Department of Science and Technology Region 1 through its Provincial Science and Technology Office- Ilocos Norte extends its annual free calibration of weighing instruments to CEST beneficiary and its neighboring town last October 14, 2022.

As part of the ongoing Community Empowerment thru Science and Technology (CEST) in the Municipality of Carasi, DOST-PSTO Director Engr. Benjamin S. Mercado, Jr. led the conduct of the free calibration in the said municipalities and its neighboring town (Piddig). The free calibration caravan is conducted as part of the agency's aim to carry out its services and functions to industries, laboratories, LGUs, and others that have equipment/instruments/devices requiring testing and calibration.

A total of 89 weighing scales, including infant scales and platform scales, were calibrated with a total value of assistance amounting to Php. 24,920 was freely given to the municipalities and was participated by over 40 business owners, RHU personnel, and daycare centers.

The agency continues to fulfill its mandate by prescribing calibration and verification intervals of all measuring instruments used in different products in Ilocos Norte.





DOST 1 PROGRAMS & SERVICES

TECHNOLOGY TRANSFER AND COMMERCIALIZATION PROGRAM

SETUP

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

SPECIAL PROJECTS

iSTART

INNOVATION, SCIENCE AND TECHNOLOGY FOR ACCELERATING REGIONAL TECHNOLOGY-BASED DEVELOPMENT

STARBOOKS

SCIENCE AND TECHNOLOGY ACADEMIC AND RESEARCH-BASED OPENLY-OPERATED KIOSK STATIONS

TransDi

TRANSFORMING R&D OUTPUTS INTO INNOVATIONS THROUGH TECHNEPRENEURSHIP AND CUSTOMER VALIDATION

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RXBOX ADVANCING COMMUNITY HEALTHCARE

HALAL

HALAL PROJECT

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