



## STAARRDEC conducts joint virtual CMI Cluster Representatives’ meeting cum planning

The Southern Tagalog Agriculture, Aquatic and Resources Research, Development and Extension Consortium (STAARRDEC) conducted a joint Consortium Member Institutions (CMIs) Cluster Representatives’ meeting cum planning last April 29 via Zoom Video Conferencing. Dr. Marilyn M. Escobar, consortium director, welcomed the new and active members of each cluster, namely: the Research and Development (R&D) Cluster, Technology Transfer (TT) Cluster, and Knowledge Management (KM) Cluster. She reiterated the importance of coordinating the work plans and activities of the consortium so that each cluster can plan their respective activities for the year.

Dr. Hernando D. Robles, chairperson of the Regional Research and Development Coordinating Council (RRDCC), welcomed the participants with his opening *(continue on page 6)*



## NCRDEC holds 2<sup>nd</sup> Coffee B.R.E.A.K. 2021

The National Coffee Research Development and Extension Center (NCRDEC) held this year’s 2<sup>nd</sup> session of the Coffee B.R.E.A.K. (Breakthroughs on Research and Extension for the Advancement of Knowledge of the stakeholders) titled, “Coffee on-the-go: How to Successfully Manage a Coffee Enterprise”, last June 24 via Zoom meeting lead by Mr. John Paul V. Buhain, Café Management Trainor of Barista Coffee Academy of Asia.

“There are 5 Cs that you can look into in establishing a coffee shop: the customer, concept, competition, costs, and connect,” said Buhain during his discussion. The second *(continue on page 5)*

### Getting to KNOW...

#### MS. LORNA C. MATEL

Ms. Lorna C. Matel, “Ma’am Gigi” to her peers, was born on January 20, 1961 in Poblacion I, Indang, Cavite. She studied high school at Saint Gregory Academy and finished Bachelor of Science in Agriculture at Don Severino Agricultural College (DSAC). She took up Master in Business Administration at Philippine Christian University-Manila.



Lorna C. Matel

Ma’am Gigi started working as a secondary classroom teacher at Cavite Provincial Science High School from June 18, 1984 to June 30, 1985. She then started as Junior Educational Researcher at DSAC from July 1985 to December 1988 and became an Education Researcher until June 1989. She has been holding the position of an Education Program Specialist II at Cavite State University Extension Services from July 1989 to present.

She has been designated as Deputy Consortium Director and Regional Technology Transfer Coordinator of the Southern Tagalog Agriculture, Aquatic and Resources Development and Extension Consortium (STAARRDEC) since January 2018. She also serves as the head of the Community Engagement and External *(continue on page 2)*

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### VISION

The premier university in historic Cavite recognized for excellence in the development of globally competitive and morally upright individuals.

### MISSION

Cavite State University shall provide excellent, equitable, and relevant educational opportunities in the arts, sciences and technology through quality instruction and responsive research and development activities.  
It shall produce professional, skilled and morally upright individuals for global competitiveness.

### QUALITY POLICY

We Commit to the highest standards of education, Value our stakeholders, Strive for continual improvement of our products and services, and Uphold the University's tenets of Truth, Excellence and Service to produce globally competitive and morally upright individuals.

# CEIT-DIT expands CEIT UGNAYAN 2.0

The Department of Information Technology (DIT) of the College of Engineering and Information Technology (CEIT) conducted a series of consultative meetings with the future extension partners, including the Municipality of Indang, CvSU Multipurpose Cooperative, and CvSU Gender and Development Resource Center, to expand UGNAYAN 2.0, CEIT's extension program.

Prof. Gladys G. Perey, college research and extension monitoring coordinator, and some of the DIT coordinators presented the developed Management Information System (MIS) to barangay officials of Brgys. Tambo Kulit, Kayquit I, and Calumpang Lejos I on March 2 and 7. The meeting aimed to get feedback from the officials to ensure that the functionalities of the system suit their needs.



Prof. Gladys G. Perey during the meeting with Brgy. Captain Sonny F. Feranil of Kayquit I, Indang, Cavite



Prof. Gladys G. Perey during the meeting with Brgy. officials of Calumpang Lejos I, Indang, Cavite headed by Brgy. Captain Constancio S. Telmo, Jr. (top) and with Brgy. officials of Tambo Kulit, Indang, Cavite headed by Brgy. Captain Jaymart Allen R. Baltazar (bottom)



Prof. Carandang, Prof. Lontoc, and Prof. Peji of CEIT-DIT in a meeting with ABC President Constancio S. Telmo, Jr. and Tourism Consultant Mr. Vernie A. Caisip from LGU Indang

Another scheduled meeting was held on March 19 at the Municipality of Indang and was participated in by the Association of Barangay Captains (ABC) President Constancio S. Telmo, Jr. and Tourism Consultant Mr. Vernie A. Caisip. The extension team of DIT composed of Prof. Charlotte B. Carandang, college extension coordinator, with Prof. Julie Ann C. Lontoc and Prof. Joy M. Peji, DIT extension coordinators, discussed the extension programs that will help the community of Indang. One of the requested projects was the implementation of MIS to all the barangays. Upon approval and safety considerations, another set of discussion on this matter would be held with the barangay captains in the next session of the Sangguniang Bayan. This will cover the scope that will determine the applicability and further requirements of the system for deployment. Further, the team will also discuss the content of the memorandum of agreement.

Meanwhile, an inception meeting with Dr. Susan G. Tan, officer-in-charge of CvSU Gender and Development Resource Center (GAD RC), was held on March 9 together with Prof. Charlotte B. Carandang and Prof. Vanessa G. Coronado, CEIT MIS officers. The consultation ended with two major programs, namely: the development of IEC materials and video presentations of various laws and acts, and the development of a Referral System for the reporting of sexual harassment and other forms of abuse catering the CvSU employees and students as well as people outside CvSU. Four video presentations about anti-trafficking, anti-sexual harassment, anti-rape law, and anti-bullying act were already delivered in the GAD office on April 7.

The department also initiated services to CvSU Multipurpose Cooperative (CvSU MPC). Prof. Carandang and Dr. Joanne C. Nuestro, BS Office Administration unit head, presented their proposed projects such as system development, preparation of IEC materials, and technical support to Ms. Remedios A. Capalad, CvSU MPC manager. Said collaboration was approved on April 9 during the cooperative board meeting. (Vanessa G. Coronado and Charlotte B. Carandang)

## Getting to KNOW ... (from page 1)

Relations Division in Extension Services. In addition, she has been serving as member of the Regional Technical Working Group of the Department of Agriculture - Agricultural Training Institute CALABARZON Techno Gabay Program (RTWG-TGP) and TGP focal person in the province of Cavite from March 08, 2019 to present.

She is very active in her advocacy of helping the community most especially the farmers through partnerships with the LGUs

and FITS Centers. Thus, a regional award was given to her as “Natatanging Kaagapay sa mga Espesyal na Proyekto” on December 06, 2019 during the PARANGAL CaLaBaRZon 2019 spearheaded by the DA-ATI CALABARZON. She shared her expertise and skills with her colleagues and also served as a good leader to everyone.

She is married to her loving husband, Cielito A. Matel and has three beautiful children, Harold Owen, Paula Minette, and Alyssa Mae. She is also a certified *plantita* and fur mom to her cute dog, Patchi. (Paula Gie C. Ducusin)



# CEIT-DIET kicks off webinar series

The Department of Industrial Engineering and Technology (DIET) of the College of Engineering and Information Technology (CEIT) started to conduct its webinar series to improve various strategies necessary in the department's extension activities. A three-day webinar in May 2021 was conducted based on the approved Work and Financial Plan (WFP) of the department's extension program. The webinar series were titled, "Safety and Health" and "Waste Management and Disposal" by the Bachelor of Science in Industrial Engineering (BSIE); "Electrical Installation and Maintenance" by the Bachelor of Science in Industrial Technology major in Electrical Technology (BS INdT – Electrical), and "Basic Electronics Troubleshooting" by the Bachelor of Science in Industrial Technology major in Electronics Technology (BS INdT – Electronics).

The first webinar of the BS Industrial Engineering was held on May 21 via Google Meet, with the theme "ANEKDOTA: Amplifying Industrial Engineering Skills and Knowledge through Online Training and Webinars". Engr. Harry D. Ednacot Jr., BSIE instructor, served as the resource speaker. His presentation on "Safety and Health" aimed to provide the participants with skills and knowledge to perform their work safely and healthily, while the second topic titled, "Waste Management and Disposal" intended to inform the type, nature, and estimated volumes of waste to be generated; identify potential environmental impacts from the generation of waste, and recommend appropriate waste handling and disposal.

Prof. Charlotte B. Carandang, CEIT extension coordinator, welcomed the participants, faculty members, and staff, and acknowledged the presence of Dr. Willie C. Buclatin, department chair. A total of 33 participants composed of 19 males and 14 females from Brgy. Alulod, Indang, Cavite joined the webinar. Prof. Aivar M. Lopez, DIET faculty member, served as moderator.

**SAFETY and HEALTH**

**WASTE MANAGEMENT**

**CAVITE STATE UNIVERSITY**  
COLLEGE OF ENGINEERING AND INFORMATION TECHNOLOGY  
DEPARTMENT OF INDUSTRIAL ENGINEERING AND TECHNOLOGY

DIET extension program held last May 21, 2021

On May 22, the Department of Industrial Engineering and Technology (DIET) conducted another webinar with the theme, "Community Industrial Technology Training Program". Its main objective was to strengthen the knowledge and skills of the participants in electrical technology, specifically in wiring installation and maintenance. Prof. Garry M. Cahibaybayan, BS Industrial Technology (BSINdT) major in Electrical Technology graduate and faculty of the department, gave his expertise on the topic, "Electrical Installation and Maintenance". Twenty-five out-of-school youths (OSYs) and alternative learning system (ALS) students, composed of 19 males and 6 females, joined the webinar. All of them were from Brgy. Alulod, Indang, Cavite.

Meanwhile, the BSINdT Electronics Technology unit conducted its webinar titled, "Basic Electronics Troubleshooting" on May 29. Prof. Ma. Fatima B. Zuñiga, a BSINdT Electronics Technology faculty, served as the resource speaker. Her topic

Engr. Harry D. Ednacot Jr. served as the resource speaker during the webinar conducted by the BS Industrial Engineering

Participants of the webinar

provided the fundamentals of electronics technology with the tools and test equipment needed to build, troubleshoot, and maintain standard electronic circuits. She also discussed the basic troubleshooting techniques.

A total of 35 representatives of OSY, ALS, and other stakeholders attended the webinar. Prof. Keno S. Domingo, DIET faculty member, served as the moderator. (Vanessa G. Coronado and Charlotte B. Carandang)

Prof. Cahibaybayan while discussing the topic, "Electrical Installation and Maintenance" to the OSY and ALS participants

Prepared By : MA. FATIMA B. ZUÑIGA

Prof. Zuñiga while giving her lecture on Basic Electronics Troubleshooting to the participants

# Talactac receives Fulbright Visiting Scholarship Grant

Dr. Melbourne R. Talactac, vice president for Research and Extension, has been granted a Fulbright Advanced Research and University Lecturing Program or the Fulbright Visiting Scholar. This scholarship is granted to eligible individuals who have doctorate degree or equivalent training or experience, and is proficient in English that is appropriate for the proposed lecturing or research project to be carried out in the United States Program for three to five months.



Dr. Melbourne R. Talactac

Dr. Talactac will begin his short-term Fulbright scholarship program in January 2022 to work on influenza virus studies at St. Jude Children’s Hospital at Memphis, Tennessee, U.S.A. under the supervision of Dr. Richard J. Webby, Director of World Health Organization Collaborating Centre for Studies on the Ecology of Influenza in Animals and Birds (St. Jude Children’s Research Hospital Website).

St. Jude Children’s Hospital was founded by Danny Thomas with a vision that no child is denied treatment based on race, religion or a family’s ability to pay that is aligned with their mission to advance cures, and means of prevention, for pediatric catastrophic diseases through research and treatment (St. Jude Children’s Research Hospital Website). (Gierone Lianni A. Reyes)

# Rint, newly appointed CvSU ERB chair

Ms. Karen Louela R. Rint was appointed as the new chairperson of the CvSU Ethics Review Board (ERB) effective May 15, 2021 until December 21, 2021. Ms. Rint took Bachelor of Science in Nursing at Cavite State University (CvSU) and is a licensed nurse. She finished Masters of Arts in Nursing at De La Salle Health Sciences Institute, Dasmarias, Cavite in 2014 and is currently completing PhD in Nursing at the University of the Philippines - Manila.



Ms. Karen Louela R. Rint

Ms. Rint is a Clinical Instructor I at the College of Nursing and an Associate Member - Panel Reviewer at the CvSU Ethics



Dr. Bernadette A. Sapinoso (left), Prof. Nenita B. Panaligan (middle), and Mr. Carlo Emil B. Mañabo

Review Board. She is also a member of the Board of Directors and the Auditor of the Philippine Nursing Research Society, Inc. (PNRSI) – Cavite Cell from October 2020 to present.

To be more equipped in this endeavor, Ms. Rint has participated in different trainings related to inculcating ethics in the conduct of research. She attended the Basic Research Ethics Training hosted by the Philippine Health Research Ethics Board and Philippine Council for Health Research and Development hosted by the Department of Science and Technology (DOST-PCHRD) on May 20-21, 2021. Moreover, she participates in the Training-Workshop on Principles of Health Research Ethics and Good Clinical Practice at the University of the Philippines- Manila which happens every three years

Upon her appointment as the ERB chairperson, Ms. Rint aims to ensure that all studies concerning human participants will undergo ethical reviews and that ethical issues are explored, decisions made are clear and recorded in accordance with the National Ethical Guidelines. Currently, she spearheads the revisions of the Standard Operating Procedures of ERB to augment the needs of the students and faculty researchers. In addition, Ms. Rint, along with the associate members, is currently working on its Level II accreditation status aiming to be recognized by the Philippine Health Research Ethics Board (PHREB).

Dr. Bernadette A. Sapinoso, the immediate former chair of ERB, was appointed as an External Reviewer (Community Representative). Meanwhile, Mr. Carlo Emil B. Mañabo of CvSU-Carmona and Prof. Nenita B. Panaligan of the College of Nursing were appointed as the Board Secretary and an Associate Member, respectively. (Gierone Lianni Reyes & Angielyn Erni)

## ANNOUNCEMENT

**NEW CVSU LOGO**

- Sharp corner
- Lighter color
- Semi-realistic vector materials

The year "1906" is written in gold against dark green background and placed around the periphery of the seal.

The text "INDANG" is replaced with "CAVITE".

The coffee twig figure is changed from green to white.

**OLD CVSU LOGO**

- Curved corner
- Darker color
- Cartoonized vector materials

Here are the differences between our new (registered trademark) and old University logo.

Courtesy of the Knowledge and Technology Transfer Office



# CvSU-CCAT conducts Go-Trace orientation-workshop

CvSU-CCAT conducted the Go-Trace orientation and workshop, led by Engr. Gee Jay C. Bartolome, director for Research and Extension of the campus, at the Santiago National High School (SNHS), Gen. Trias, Cavite on May 28, 2021. This program aimed to provide updates on COVID-19 cases in General Trias City with emphasis on the importance of contact tracing and proper orientation and workshop as to maximizing the utilization of Go-Trace application. SNHS was chosen as one of the adaptors of the said project

During the program, Engr. Bartolome welcomed the attendees and appreciated the warm acceptance of the principal, teachers, and staff of SNHS regarding the contact tracing application developed by the Research and Extension unit of CvSU-CCAT. He also gave an overview of the project and explained the primary purpose for its development and implementation.

Moreover, Ms. Mari Daisy O. Corral, faculty researcher of the CCAT Campus, presented the actual recorded COVID-19 cases in the City of Gen Trias totaling to 5,652 positive patients as of May 27, 267 of whom were considered active cases. She also mentioned the steps and protocols on how people can protect themselves from infection or spread of virus. Furthermore, Ms. Marie Michelle Castro, campus nurse of CvSU-CCAT, shared her expertise in elaborating the importance of contact tracing. She discussed the core principles of contact tracing that cover the management of confirmed cases and close

contacts to strengthen the knowledge of the beneficiaries and become readily equipped in handling the threats of the pandemic.

Orientation and workshop proper was conducted by Ms. Sheila Mae L. Gunio, faculty from the Department of Computer Studies. She clearly presented the step-by-step procedure on how a user can easily utilize the Go-Trace application as well as the process of managing the data collected by the contact tracing application. One of the participants asked if parents and students of SNHS could possibly use the said application. Ms. Gunio then clarified that this will also be part of the said project as CvSU - CCAT plans to extend the usability of the contact tracing app to all the stakeholders of the adaptor. All the participants were very cooperative during the workshop, as they really wanted to help the community to become more responsive in fighting against COVID-19.

To end the program, a certificate of appreciation was given to SNHS led by Ms. Laarnie R. Manuel, campus extension coordinator. The closing remarks were given by Ms. Cecilia C. Papa, SNHS principal. *(Xavier Lawrence D. Mendoza)*



Santiago National High School participants during the Go-Trace orientation and workshop

## NCRDEC holds 2nd ... (from page 1)

session tackled different tips, and strategies of establishing a coffee enterprise and running a coffee shop efficiently especially now with the challenges of pandemic.

With the aim to continue the empowerment of local coffee industry, this month's session promoted Bean●hi, a local coffee start-up which offers Benguet Arabica drip coffee.

The said Coffee B.R.E.A.K. webinar session was attended by 192 individuals coming from the academe, government agencies, and private enterprises from different parts of the country. *(Antonette Jean L. Magcamit)*



Poster of the 2nd Coffee B.R.E.A.K.



# CvSU-Carmona holds webinar on research integrity

In support of Cavite State University’s aim of becoming a Research University in 2022 and in its pursuit of producing quality, responsive, and relevant researches, CvSU-Carmona Campus Research Services Office, through the initiative of Prof. Cristina M. Signo, campus administrator, and Mr. Carlo Emil B. Mañabo, campus research coordinator and newly designated Associate Member of the Ethics Review Board (ERB) of the University, spearheaded the conduct of the webinar titled, “Strengthening Research Integrity in the New Normal” last May 14 via Cisco WebEx. The webinar aimed to establish research integrity culture in the campus, strengthen research integrity policies and procedures, and discuss considerations in the responsible conduct of research adhering to the national and international ethical research guidelines, especially this new normal. Likewise, it served as an avenue to orient/re-orient



students and faculty researchers on the policies and procedures of the ERB.

The speakers were Dr. Bernadette A. Saposino, ERB chair, and Prof. Nenita B. Panaligan, ERB secretary. The first topic was delivered by Prof. Panaligan which focused on redefining the significance of research integrity in the new normal while Dr. Saposino presented the ERB procedures and policies.

As an outcome, the participants were reminded of the importance of integrity in the conduct of research and the role of ERB in the responsible conduct of research projects in the university. (Carlo Emil B. Mañabo)



## STAARRDEC conducts joint ... (from page 1)

remarks. He encouraged the member agencies to conduct collaborative research and extension activities to provide real transformation in the community. He emphasized that researchers should do research for the development of the service community.

The meeting cum planning was participated in by 65 individuals representing the different member agencies of the consortium, namely: Agricultural Training Institute Region IV-A (ATI IV-A), Batangas State University (BatStateU), Bureau of Fisheries and Aquatic Resources IV-A (BFAR IV-A), Bureau of Plant Industry – Los Baños National Crop Research, Development and Production Support Center (BPI-LBNCRDPSC), Cavite State University (CvSU), Department of Agriculture - Regional Field Office IV-A (DA-RFO IV-A), Department of Science and Technology – CALABARZON (DOST IV-A), DOST-Forest Products Research and Development Institute (DOST-FPRDI), Laguna State Polytechnic University (LSPU), Ecosystems Research and Development Bureau – Urban & Biodiversity Research, Development and Extension Center (ERDB-UBRDEC), Marinduque State College (MSC), Philippine Coconut Authority Region IV-A (PCA IV-A), Rizal Technological University (RTU), Romblon State University (RSU), Southern Luzon State University (SLSU), University of the Philippines Los Baños (UPLB), University of Rizal System (URS)

and Western Philippines University (WPU).

A breakout room was provided for each cluster to further discuss their plans and activities for the year. The R&D Cluster, headed by Dr. Ma. Fatima I. Cruzada, presented the guidelines in monitoring and field evaluation of R&D projects, and reviewed the consortium’s priority thrusts, schedule of Agency In-House Reviews (AIHRs) of member agencies, and other upcoming consortium activities.

Meanwhile, Ms. Lorna C. Matel, TT Cluster coordinator, led the review on the guidelines in monitoring and evaluation of extension projects, the status of STAARRDEC Covid-19 extension project, and printing of commodity-based brochures of member agencies for dissemination to their target stakeholders.

Lastly, the KM Cluster, under the supervision of Prof. Poinsettia A. Vida, reviewed the STAARRDEC data privacy manual and discussed the plans in the preparation of the STAARRDEC newsletter as well as the creation of the YouTube channel for faster dissemination of information among member agencies and the stakeholders.

These plans and initiatives of the member-agencies would improve the research, development and extension activities of the Consortium. Furthermore, these would support the commercialization and dissemination of the technologies in the region. (Marilyn M. Escobar)



Screenshots of the participants during the event

# CvSU-Silang ES conducts L.E.A.D. the Community webinar

The Extension Services unit of CvSU-Silang Campus conducted a webinar series titled, “L.E.A.D. the Community”, on June 7 and 8 via Zoom, and Facebook live. L.E.A.D. was anchored on the four extension projects implemented by four respective departments, namely: **L** - Learning to Adapt Change of the Department of Information Technology (DIT), **E** – Educate by the Teacher Education Department (TED), **A** - Awareness on Mental Health by the Department of Arts and Sciences (DAS), and **D** - Driven Leadership by the Department of Management (DOM). The webinar aimed to provide knowledge and awareness on different topics and was participated in by CvSU students, Alternative Learning System (ALS) students, barangay officials, barangay secretaries and treasurers, Persons with Disabilities (PWDs), and other identified clientele.

On Day 1, topic regarding Netiquette was discussed by Mr. Rodel Antang, faculty of DIT, while Health Protocols and COVID -19 Prevention was discussed by Ms. Lourdvie S. Fortus, Ms. Maria Criselda M. Vertudez, and Ms. Johanna Marie R. Orleans



Screenshot of Mr. Ebuenga (left) and Mr. Callanta (right) during Day 2 of the webinar series

of TED. Day 2 topics focused on Awareness on Mental Health by Mr. Joseph S. Callanta, faculty of DAS, while Driven Leadership was presented by Mr. Ovidio B. Ebuenga, an industry practitioner.

The two-day webinar series was attended by 1013 participants (Day 1) and 834 participants (Day 2). (Cereneo S. Santiago, Jr.)

## CAFENR conducts 4P’s2K’s webinar

Republic of the Philippines  
**CAVITE STATE UNIVERSITY**  
Don Severino de las Alas Campus  
Indang, Cavite

**COLLEGE OF AGRICULTURE, FOOD,  
ENVIRONMENT AND NATURAL RESOURCES**

**4P's2K's: Pagpapatuloy ng  
Pagsasaka sa Panahon ng Pandemya  
para sa Kalusugan at Kita**

Department of Crop Science  
In Coordination with  
Extension Services

**Day 1- June 07, 2021 (Monday) 1:00-3:00 PM**

Topic	Speaker
Soil Sampling	Ms. Jo-an T. Ducducan
Topic	Speaker
High Value Vegetable Production	Dr. Venus O. Saz

**Day 2- June 08, 2021 (Tuesday) 1:00-3:00 PM**

Topic	Speaker
Herbs and Spices Production	Dr. Analita dM. Magsino

**Day 3- June 09, 2021 (Wednesday) 1:00-3:00 PM**

Topic	Speaker
Pineapple Production	Mr. John Vincent C. Caisip
Mango Production	Mr. Jefferson M. Mojica

**Day 4- June 10, 2021 (Thursday) 1:00-3:00 PM**

Topic	Speaker
Organic Pesticides/Insecticides Formulation-	Mr. Brian Angelo R. Sustrina
Post Harvest Handling-	Ms. Hazel B. Delfin

Please register to this link:  
<https://forms.gle/Sj7bocx3p2SabMJ8A>

Poster of the CAFENR webinar

The College of Agriculture, Food, Environment and Natural Resources (CAFENR), through the Department of Crop Science in coordination with Extension Services Unit, conducted a 4-day webinar series titled, “4P’s2K’s: Pagpapatuloy ng Pagsasaka sa Panahon ng Pandemya para sa Kalusugan at Kita,” last June 7-10 via Zoom and Facebook live.

The training covered new techniques and knowledge on the production of high value crops like vegetables, fruits, herbs and spices with good agricultural practices (GAP) until harvest and post-harvest handling that aimed to help improve the lives of the local people in the communities thru food security, food safety and food sustainability amidst the threat of COVID-19 pandemic. It also aimed to encourage, inspire, and help others by planting and growing more of these commodities to provide readily available nutritious, safe and healthy food in the family’s table as well as an additional income in this trying time.

The topics discussed were: Day 1 - Soil Sampling by Ms. Jo-an T. Ducducan, Instructor III/faculty of the Dept. of Crop Science (DCS), and High Value Vegetable Production by Dr. Venus O. Saz, Asst. Professor IV / Chair, Dept of Crop Science and Vegetable Production project; Day 2 - Herbs and Spices Production by Dr. Analita dM. Magsino, dean of CAFENR and project leader of the Culinary Herbs and Spices Aromatic Medicinals (CHARMS) project; Day 3 - Pineapple Production by Mr. Vincent C. Caisip and Mango Production by Mr. Jefferson M. Mojica, both Instructor I / faculty of DCS and in-charge of plantation crops; and Day 4 - Organic Pesticides/Insecticides Formulation by Mr. Brian Angelo R. Sustrina, CAFENR part time instructor; and Post-Harvest Handling by Ms. Hazel B. Delfin, CAFENR part time instructor.

In-charge of the program and registration was Dr. Teddy F. Tepora. Registered participants were 200, 345, 326, and 330 for Day 1, 2, 3, and 4, respectively. (Venus O. Saz)

## BAELS faculty assist GMES students

As part of the extension activities of the Bachelor of Arts in English Language Studies (BAELS) of the Department of Humanities, BAELS faculty members assisted the students who needed remedial reading in English from Guyam Munti Elementary School (GMES), Indang, Cavite. A total of 21 students in the primary level and 10 students in the intermediate level were given the necessary assistance. This was requested by the GMES principal as part of the signed memorandum of agreement.

Despite the difficulties faced by the faculty members and the beneficiaries during the pandemic, BAELS faculty tried to

connect with GMES students and the teachers through virtual meetings and use of group chats to deliver the modules and assistance in April to June 2021.

The learning materials were transported to drop-off points accessible to the students. Retrieval of modules was another challenge but GMES teachers and BAELS faculty worked together to check the results of the answer sheets.

BAELS faculty members are currently preparing recorded video presentations of their lessons; hence, the beneficiaries would continuously be assisted during offline mode of learning. (Jocelyn A. Legaspi)



## CvSU-Carmona holds 3<sup>rd</sup> Student Research Congress

The Research Services Office of CvSU-Carmona Campus, through the initiative of Prof. Cristina M. Signo, campus administrator, and Mr. Carlo Emil B. Mañabo, campus research coordinator, held its 3<sup>rd</sup> Student Research Congress with the theme, *“Research in the New Normal: Practical Research Methodologies for Continuous Community Development and Support”*, on May 27-28, 2021 via Cisco Webex. The congress aimed to continually improve and strengthen the research capabilities of the students, and provide additional knowledge on the research methodologies that they could adapt in this new learning arrangement. Moreover, this activity served as an avenue for students to present their research outputs and at the same time, learn new information and techniques from other presenters and invited paper evaluators.

On the first day of the congress, Dr. Melbourne R. Talactac, vice president for Research and Extension, delivered his keynote speech emphasizing the significance of research and its contribution to the community most especially in these trying times. He also encouraged students and faculty researchers to continue their passion in writing and conducting research projects even in this new normal. Dr. Miriam D. Baltazar, director for Research, and Dr. Almira G. Magcawas, Extension Services director, served as the resource speakers.

Dr. Baltazar discussed the different research funding opportunities inside and outside the university that may be considered by the students and the faculty researchers when planning for their research projects. Meanwhile, Dr. Magcawas discussed the vital role of research for continuous community development and support in the new normal.

The second day was allotted for the presentation of students’ researches. There were two sessions for the paper presentation: (a) Social Sciences Session for Business Management and Education programs, and (b) Information and Communication Technology session for Information



Technology, Computer Science, Industrial Technology and Computer Engineering programs.

There were also invited evaluators who reviewed and evaluated the student researches. For the Social Sciences, evaluators were Dr. Jake Raymund F. Fabregar of the College of Education, Dr. Maria Corazon A. Buena of the College of Economics, Management and Development Studies, and Prof. Armi Grace B. Desingano of the College of Arts and Sciences. For the Information and Communication Technology session, the evaluators were Dr. Brandon G. Sibbaluca of the Emilio Aguinaldo College – Cavite, Engr. Sheryl D. Fenol of the College of Engineering and Information Technology, and Mr. Angelo G. Macha of the Local Government Unit of Carmona, Cavite.

At the end of the congress, student researchers with outstanding research papers in each session and category were awarded as Best Presenter.

As an outcome of the activity, students and faculty researchers became more committed in the conduct of quality, responsive, and relevant research projects for continuous community development and support in the new normal. (Carlo Emil B. Mañabo)

## CAS-DComm spearheads webinar series

To help Local Government Units (LGUs) to fine tune their Public Service announcements and manage their FB pages, the College of Arts and Sciences - Department of Communication (CAS-DComm) conducted a webinar series titled *“KOMUNI-AKSYON: Epektibong komunikasyon tungo sa kolektibong aksyon”* as part of its extension program. The initial session was held last June 04 which focused on the topic, *“PSA: Paunawa. Serbisyo. Aksyon, Pagsulat ng epektibong Public Service Announcements para sa mga Local Government Unit”*. A total of 361 registered participants, 100 in Zoom and 211 views via Facebook Live, attended the session which include the Federation of Sangguniang Brgy. and Sangguniang Kabataan all over Cavite. Through these online platforms, the webinar series was also extended to the public.

Ms. Katherine Grace M. Garcia, LGOO III of the Department of Interior and Local Government (DILG) Batangas, was the first resource person for the session. Ms. Garcia talked about the importance of **I**dentifying your Audience, **C**larity, **E**nsuring Accuracy of Information, and **U**sing the appropriate media platform in writing Public Service Announcements (I.C.E.U.).

Meanwhile, Mr. Xian Lerry G. Lozares, OIC of the Community Affairs Division of Gen Trias, Cavite, expressed during his lecture that, *“Hindi sapat na maibigay lamang natin ang impormasyon, dapat ito ay nauunawaan, napamumuni at napakikilos ang ating mga kababayan at ang Komunikasyon ay maaaring makapagligtas o makapahamak, nawa ay piliin natin na marami tayong mailigtas at matulungan”*.

CAS-DComm recognizes the vital role LGUs play in communication and for giving effective messages across the community. The second session titled, *“I-Post Mo Yan! Paghahatid ng Impormasyon at Pakikipag-ugnayan Gamit ang Social Media”*, was held on June 11. Ms. Evangeline G. Ajero, Senior Development Officer IV of Maritime Development Authority talked about effective management of LGU’s social media accounts. Meanwhile, Mr. Vernie A. Caisip, Tourism Officer of Indang, Cavite, talked about the importance of pictures for posting announcements in any social media platforms.

With the shared advocacy of helping LGUs, CAS-DComm dedicated this webinar series to the whole community. (Kimmi Dane N. Jimenez)



## CAS-DPS continues its webinar series

The Department of Physical Sciences of the College of Arts and Sciences (CAS-DPS) continued the conduct of its webinar series for 2021. The first of which was conducted last April 29.

Episode 2 titled, "Prioritizing Chemistry Concept in Secondary Education" was held on May 12. Dr. Hosea dL. Matel, associate professor from the DPS Chemistry unit, served as the resource speaker. He presented an action research during the webinar and emphasized on the difficulties encountered by the students in taking Chemistry. He started his talk with the definition of the term concept and its importance in teaching different subjects. He pointed out that one big hurdle in understanding chemistry lies in not knowing the language of the subject which leads to difficulty in understanding the relationship between and among concepts. He also identified concepts in chemistry that are supposed to be discussed in general chemistry covered in secondary education. Moreover, he stressed that in designing a course, one should take note of the relevance of the concepts to be included, and should be within the prescribed curriculum, and applicable to the program or track.



*Dr. Hosea dL. Matel*

He mentioned different techniques to help students understand the important concepts in Chemistry. "Teaching chemistry in a conceptual approach that empowers the students to be able to explain relations and predict outcomes, visualize and explain chemical concepts," Dr. Matel said.

Towards the end of the webinar, the participants requested that DPS offer training in Chemistry as most secondary education teachers are non-Chemistry majors. Prof. Rene Betonio, DPS chair, promised to look into the possibility of conducting such training.

The 3<sup>rd</sup> episode titled, "Error Pattern Analysis and Designing Remedial Intervention in Mathematics", was conducted on May 19. Prof. Andrew J. Siducon, DPS faculty member and currently, the extension coordinator of both DPS and CAS, started his talk by asking the participants the question, "Which came first, error or misconception?". He mentioned that students' misconception is manifested in a form of error. This happens when a person believes in a false concept, like believing that some mathematical concepts to be true but are in fact not. He stressed that educators should understand the students' misconception since they interfere with learning and that the misconception tends to be attached to the students unless corrected. He also presented different studies related to how students strongly hold on the misconception, its possible sources, and occurrence. He then listed some common mathematical misconceptions as well as their effects. Moreover, he talked about the concept of error analysis and how this may remedy conceptual difficulties encountered by the learners. He



*Mr. Andrew J. Siducon*

mentioned that this is an assessment strategy that allows the educators to understand the students' procedure for solving computation and determine the consistency of the mistakes made by the students which will aid the educators in helping correct the students' misconceptions. He added that the most widely used model for error pattern analysis is the Newman theory. This model is used to analyze the students' errors and could be utilized to investigate students' required skills to answer problems. Likewise, he said that the model is applied when teachers want to investigate the students' consistent error in problem solving.

The basic structure or five steps of solving word problems in mathematics was also discussed. The error types, indicators, and suggested strategies were also emphasized. Different stages in problem solving where students encounter errors were also examined. In mitigating the errors, Prof. Siducon emphasized on the guidelines and provided the attendees with a template in Designing Remedial Intervention in Mathematics. He also advised attendees to develop an action research to come up with an acceptable intervention for their students' errors.

The last DPS webinar titled, "IP Ignite: An Awareness session on Intellectual Property", was held on May 26. Dr. Teddy F. Tepora, manager of the CvSU Innovations and Technology Support Office (ITSO) and project leader of the PCAARRD-funded IPM-BDO and Sustain IP-TBM projects, and Patent Mining Program for Selected AANR Commodities through Strengthened IP-TBM Offices, served as the resource speaker.

Dr. Tepora discussed the basics of intellectual property (IP). It started with the framework of the Philippine copyright system, what it covers, and the legal basis behind its creation. IP categories were explained, which include Industrial Property and copyright. The concept of copyright was discussed in detail. According to Dr. Tepora, copyright involves ideas and expression of thoughts. Copyrights provide two types of rights: economic rights include rights that can be remunerated such as reproduction, transformation, first public distribution, rental, public display, public performance, and communication to the public, and moral rights that pertain to attribution on the authors' claim to the right to have authorship recognized and the right to integrity of the work which include their right to stop the reproduction of their work if they choose to do so.



*Dr. Teddy F. Tepora*

In terms of ownership of the copyright, economic rights can be assigned in full or in part to the assignee while moral rights remain with the creator(s). He also discussed the process involved on how one obtains copyright as well as the extent of aid the university offers to its personnel in obtaining the same.

All the webinars lasted for over an hour and reached over 21 provinces in the Philippines and a total of 529 participants via Google meet and Facebook live. These could also be accessed through the DPS Extension and Research Unit Facebook page. (Lynn G. Penales)

## Organic seedling bags from banana peel wins at CvSU-LSHS Research Forum

The research paper titled, “Organic Seedling Bags made from Banana Peels as Additional Soil Fertilizer” authored by Christian James B. Delos Santos, Lara Sophia N. Ramos, and Vince Elijah R. Rom of the Cavite State University - Laboratory Science High School (CvSU-LSHS), together with their mentor, Mr. Junser P. Magpantay, won in the research capstone category during the CvSU-LSHS Research Forum held on June 8 via Google Meet. The panel of evaluators were Dr. Liza C. Costa, CvSU-LSHS principal, Mr. Rufriel S. Mesa, CvSU-LSHS research coordinator, and Mr. Antonio V. Cinto, faculty of the College of Arts and Sciences-Department of Physical Sciences (CAS-DPS).

With the increase in the number of individuals who want to grow plants and vegetables in their backyards, also known as “Plantitos and Plantitas”, their research capstone aimed to produce an organic seedling bag using banana peels. Their study also aimed to lessen the environmental pollution caused by single-used plastics such as polyethylene seedling bags that are most commonly used in seed/plant propagation. According to the presenters, the thought of using banana peels as a medium of their organic seedling bags came up since the Philippines is one of the producers of banana.



CvSU-LSHS researchers together with their research adviser while presenting their research capstone

The research forum is an annual event hosted by CvSU-LSHS to showcase the top four (4) researches conducted by its Grade 12 students. The event was first held in 2018 but it was not conducted in 2020 due to COVID-19 pandemic; hence, it was virtually conducted this year. (Jhon Laurence B. Herrera)

## CAS-DBS conducts COVID-19 vaccine webinar

The Department of Biological Sciences of the College of Arts and Sciences (CAS-DBS) conducted a webinar titled, “COVID-19 Vaccine: Mga Impormasyong Dapat Nating Alamin”, under the department’s extension project component “Ka-BIO Cares and Shares” on May 29 via Zoom and Facebook live. The webinar aimed to provide information on the effects of COVID-19 vaccine and the navigation process of vaccination.

Dr. Alvin Michael de Luna, a Doctor to the Barrio and Rural Health Physician in Pola, Oriental Mindoro, talked on the topic titled, “Iba na ang may Alam: Mga Impormasyon Ukol sa Bakuna Kontra COVID-19”.

Prof. Ma. Veronica Peñaflorida, chair of the department, delivered the opening remarks, while the guest speaker was

properly introduced by the department’s extension coordinator, Ms. Liwayway P. Taglinao.

The lecture focused on how the vaccine works and the differences among the types of vaccines, why we need to be vaccinated, and the vaccination process. Even if the topic seemed to be a complicated one, the speaker was able to deliver the lecture in a very light manner. This webinar helped the participants realize that vaccines help protect people from COVID -19 and that getting vaccinated should be considered.

An open forum followed after the lecture and a certificate of appreciation was virtually awarded to Dr. de Luna. (Liwayway P. Taglinao)



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