



SciCAT visits Benguet for exit conference, benchmarking

The project team of the Science for the Convergence of Agriculture and Tourism (SciCAT) welcomed June with a busy schedule as they participated in the SciCAT Phase I Exit Conference and conducted benchmarking activity in the farms from June 1-3.

Dr. Lilibeth P. Novicio, project leader, and Dr. Pia Rhoda P. Lucero, project staff, together with Magsasaka Siyentista Ediberto R. Silan and Ms. Shirley Silan, presented the accomplishments of SciCAT Phase I Project at Silan AgriFarm during the exit conference held in Baguio City last June 2. During the said conference, Ms. Lucy A. Lastimosa, Supervising Science Research Specialist of the Technology Transfer and Promotion Division (TTPD) of the Department of Science and Technology (DOST) - Philippine Council for Agriculture, Aquatic and Natural Resources *(continue on page 2)*



Dr. Lilibeth P. Novicio during her presentation at the SciCAT Project Exit Conference

ATBI Phase 2, DOSTRUCK, CFVC hold Regional Coffee Cupping Competition and Trade Fair

Aiming to serve as a prime headway in showcasing the results of various coffee technologies applied by some of the coffee producer organizations (POs) in the region, the project leaders and staff of three DOST – funded coffee projects being implemented by the Cavite State University (CvSU), namely: Agri-Aqua Technology Business Incubation (ATBI) Phase 2, DOST Technology in the Region for the Upscaling of Community Knowledge (DOSTRUCK), and Coffee Food Value Chain (CFVC) held the "Regional Coffee Cupping Competition and Trade Fair" on June 9 at the International Convention Center (ICON), Cavite State University, Indang, Cavite.

The cupping competition composed of three categories, namely: Robusta, Excelsa, and Blend, and participated in by nine PO project beneficiaries, was *(continue on page 3)*



Dr. Ma. Agnes P. Nuestro in her welcome remarks (left) and Dr. Reynaldo V. Eborra, PCAARRD Executive Director, in his inspirational message (right)

IN THIS ISSUE

<i>CEd holds Faculty Research Capability Enhancement: A Webinar Series</i>	2
<i>CvSU-Imus holds Research Forum 2022</i>	3
<i>CEIT-DIT conducts training on the use of MIS for LGUs</i>	4
<i>CCJ introduces Project I.N.A.H. in Tanza</i>	5
<i>CEd-TED conducts webinar on Classroom-based Action Research Writing</i>	6
<i>TGP, CFVC project teams conduct evaluation of potential MS in Bailen and Amadeo, Cavite</i>	7
<i>PWU representatives visit CvSU-Imus Campus</i>	8
<i>LSHS students accept Think-Talk Challenge, innovations get funded</i>	10
<i>GADRC holds webinar on Child Labor</i>	11

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.

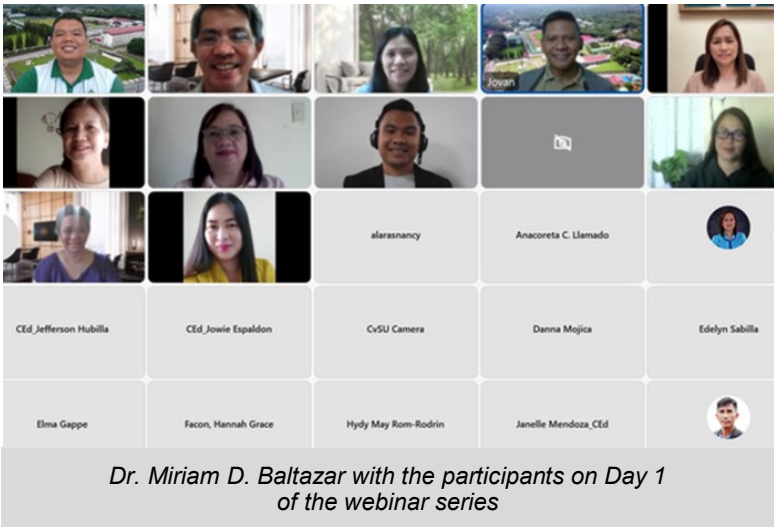
QUALITY POLICY

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.

CEd holds Faculty Research Capability Enhancement: A Webinar Series

The College of Education (CEd) held its month-long research webinar series titled, “Faculty Research Capability Enhancement: A Webinar Series” last June 2, 10, 17, and 28 in response to one of the mandates of the university, that is to undertake research and extension services and further adapt and adept to the culture of research. This initiative of the College Research Services Unit was spearheaded by Dr. Jake Raymund F. Fabregar and the office of the Dean of CEd with the support of the University to continuously provide technical and research assistance to CEd faculty members through the conduct of this activity.

The webinar series topics were discussed by research practitioners and experts in their disciplines. The activity kicked off with Dr. Miriam Du-Baltazar, director for Research and currently the OIC of the Office of the Vice President for Research and Extension, as the resource speaker. She oriented and re-oriented the participants on the University research services, policies, forms, and guidelines. On the second day, Assoc. Prof. Emejidio C. Gepila, Jr., chief of the Research Evaluation and Monitoring Center of the Polytechnic University of the Philippines, was invited as the speaker. He discussed How to Write a Journal Article and the Strategies in Writing the Abstract, Introduction, Methods, Results and Discussion, and



Acknowledgments. He also talked about the proper ways of citing bodies of literature. Moreover, he provided information on the publication processes and the ways on how to identify predatory publishers. The third day was held with a comprehensive orientation and reorientation on the functions, processes, and services of the Knowledge Management Center. The participants were enlightened by Dr. Agnes C. Francisco, KMC director. The first three webinars were conducted via Cisco Webex. The culminating activity was a Research Proposal

(continue on page 5)

SciCAT visits Benguet ... (from page 1)

Research and Development (PCAARRD), discussed the rationale behind the activity that was postponed in the past years due to the pandemic. Mr. Noel A. Catibog, director of TTPD-PCAARRD, also welcomed the participants and presenters including SciCAT Teams from the University of the Philippines-Institute for Small-Scale Industries (UP-ISSI); Cavite State University (CvSU) and Silan AgriFarm; Seeds and Seedlings Plaza and Bureau of Plant Industry-Los Baños National Crop Research Development, and Production Support Center; Mt. Kitanglad Tourism Farm and DOST Region X; University of Southeastern Philippines; Benguet State University; Don Mariano Marcos Memorial State University and Rocapor’s Farm, and Bohol Island State University.

Meanwhile, the afternoon session was devoted for the presentation of project outputs from other sites that include the Zarraga Integrated Diversified Organic Farmers Association, Katilingban San Pumuluyo Nga

Naga-atipan Sang Watershed Sang Maasin, Felicidad Orchard and Garden Organics, Villa Conzoilo Farm, Garden City Multi-Purpose Cooperative; and Dalaguete Vegetable Techno-Demo Farm. Aside from the promotional videos of the SciCAT sites, the SciCAT Guidebook and Student Workbook were also introduced to the participants. The program ended with a closing message from Ms. Melanie Moraga-Leano, director of UP-ISSI.

Ms. Bernadette S. Amparo, Ms. Roselle G. Esguerra, Ms. Lady Aileen A. Orsal, and Ms. Sheena Mae L. de Leon also visited Cosmic Farm in La Trinidad, Benguet that advocates organic farming. Aside from being a learning site for farmers and students, Cosmic Farm is an accredited agri-tourism site as certified by the Department of Tourism.

The whole project team from CvSU and Silan AgriFarm was present during the benchmarking at Benguet State University on June 1 and 3. Aside from experiencing making terrariums on the first day, the team also visited the Food Science and Innovation Center, the Bakery and the Marketing Center. The Cordillera Regional Apiculture Center was visited during the last day. (Lady Aileen A. Orsal)



Benchmarking at Benguet State University (top) and Cosmic Farm at La Trinidad, Benguet (bottom)



The SciCAT team during the conference

CvSU-Imus holds Research Forum 2022

Cavite State University-Imus Campus held Research Forum 2022 with the theme, *"Rising Above the Global Challenges of Internationalization in Research"* last June 9 at the CvSU-Imus conference room. The activity was organized by Mr. Cromwell R. Cabalu, campus research coordinator, in collaboration with Ms. Elvira P. Pakingan, campus extension coordinator, under the supervision of Dr. Marlon A. Mojica, campus administrator. The activity allowed the faculty researchers to present and discuss their research works among faculty members. It also aimed to raise awareness about research and encourage faculty members to take part in innovative research projects.

Researchers from different departments attended the activity and successfully presented four completed and four ongoing

research projects funded by CRG and the local government of Imus. Furthermore, two research proposals for funding and the proposed campus research program were also presented.

The panel of evaluators were Dr. Marlon A. Mojica, Dr. Alfe M. Solina, chair of the Department of Management, and Dr. Luisita A. Marzan, chair of the Department of Entrepreneurship. *(Cromwell R. Cabalu)*



The research evaluators



Dr. Marlon A. Mojica together with the organizers and the participants of the research forum



Some of the paper presenters

ATBI Phase 2, DOSTRUCK, CFVC ... *(from page 1)*

organized to evaluate the cup quality, and the characteristics and acceptability of the PO-produced coffees. Meanwhile, the mini-trade fair/exhibit was held to offer coffee farmers opportunities to promote and show their flagship local products which are vital in keeping their small coffee business afloat in these dire times.

Dr. Ma. Agnes P. Nuestro, officer-in-charge of the Office of the University President and vice president for Academic Affairs, delivered her welcome remarks during the opening ceremony. Dr. Reynaldo V. Ebor, Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development (PCAARRD) executive director, Ms. Emelita P. Bagsit, DOST IV-A regional director, and Ms. Gilda S. De Jesus, DOST Cavite provincial director, also gave their inspirational messages during the event. The introduction of the guests/participants was made by Dr. Almira G. Magcawas, Extension Services director and ATBI project leader.



Dr. Almira G. Magcawas, Mr. Michael Harris Conlin, Dr. Ma. Agnes P. Nuestro, Mr. Noel A. Catibog, and Dr. Ruel M. Mojica (L-R)

Engr. Gerry M. Castillo, NCRDEC director and CFVC project leader, spearheaded the plenary talk that focused on coffee research, development activities, and extension services of the University. Also present in the event was Mr. Noel A. Catibog, PCAARRD-TTPD director, who gave his impression on the University's coffee research capacity, on-going projects, and breakthroughs.

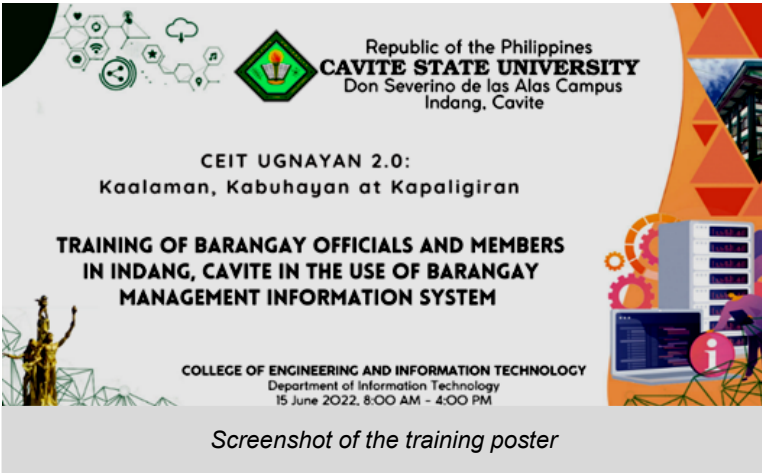
Mr. Michael Harris Conlin, 2019 Philippine National Barista Champion and 2019 World Barista Championship semi-finalist (Boston, USA), was invited during the much-awaited coffee cupping cum consultation. To strengthen the agribusiness linkages and partnerships among the coffee value chain key players in the region, a technology forum was also facilitated by the teams. POs were given a chance to raise their concerns directly to the invited partner agencies present during the event. *(continue on page 4)*



Engr. Gerry M. Castillo spearheading the plenary talks

CEIT-DIT conducts training on the use of MIS for LGUs

The Department of Information Technology (DIT) of the College of Engineering and Information Technology (CEIT) conducted its first training to extend the research-based project



Screenshot of the training poster

on the use of the Barangay Management Information System (MIS) to the local government units of Indang, Cavite last June 15 at the Central Computer Laboratory (CCL), DIT Building after consultation with the barangay officials last 2021. The training aimed to increase the capability of barangay officials and members in the utilization of the MIS.

Dr. David L. Cero, CEIT dean, gave the opening remarks and welcomed the training participants. Prof. Aileen A. Ardina, college secretary and DIT faculty member, facilitated the leveling of expectations of the participants. Meanwhile, Prof. Gladys G. Perey, CEIT Research and Extension Monitoring and Evaluation coordinator, discussed the features of the Barangay MIS.

The participants were divided into three groups and assigned to separate laboratory rooms. Prof. Anabelle J. Almarez, Prof. Gladys G. Perey, and Prof. Jake R. Ersando, (continue on page 6)

ATBI Phase 2, DOSTRUCK ... (from page 3)

The winners in the said event were KCAC Global Enterprise of Indang, Cavite, 1st place in the Robusta and Blend categories and 2nd place in the Excelsa category; Samahan ng Magsasaka ng San Andres Bakbak Cuyambay of Tanay, Rizal, 2nd in the Robusta category; Casile-Guinting Upland Marketing Cooperative of Cabuyao, Laguna, 3rd place in the Robusta and Excelsa categories; Flor and Daisy Agricultural Farm of Sariaya, Quezon, 1st place in the Excelsa category; Cueva Coffee Farmers Association of Sta. Maria, Laguna, 3rd place in the Excelsa category; Minantok East Coffee Growers Association of Amadeo, Cavite, 2nd place in Blend category, and Capecat Beverages Manufacturing of Dasmariñas, Cavite, 3rd place in Blend category.

The event was concluded by Dr. Ruel M. Mojica, DOSTRUCK project leader. “The event was made for every coffee stakeholder, especially farmers, who undyingly devote so much effort and passion for coffee,” he emphasized in his closing remarks. He further highlighted that the roles played by the vast number of coffee key players in the CALABARZON region will significantly contribute in bringing back the glory days of Philippine coffee industry. (Gizelle D. Crema)



Trade Fair



Actual coffee cupping performed by Mr. Michael Harris Conlin



Consultation of cupping results with Mr. Michael Harris Conlin



The venue, CvSU International Convention Center

CCJ introduces Project I.N.A.H. in Tanza

The College of Criminal Justice (CCJ) introduced the “Iba Na Ang Handa (I.N.A.H.)” project to the residents of Brgy. Calibuyo, Tanza, Cavite last June 1. With the theme, “Inclusive Disaster Preparedness towards Community Resiliency”, the activity aimed to introduce the culture of resiliency and adaptability plans necessary in times of disaster to the barangay constituents and the whole community. The said project is part of the *Kababayan Kong Kaagapay sa Kaalaman at Kasanayan Kontra Krimen (7K) Advocacy in Selected Municipalities and Cities of Cavite: A Community Policing and Multi-Sectoral Collaboration Extension Program* of the college which aims to promote awareness on disaster, effective preventive measures, and inclusive responses of disaster plan among community members.

Mr. Jhunel Adrian B. Tan and Mr. Ronito S. Hina, officers of the Provincial Disaster Risk Reduction and Management Office (PDRRMO), were invited to discuss the topics, “Different Disasters in Cavite” and “Responses of Different Agencies in



The proponents of Project I.N.A.H.



CCJ faculty, staff, and the students together with the participants of Project I.N.A.H.

Disaster and Inclusive Disaster Preparedness”, respectively. Selected student researchers also presented the results of their studies and the proposed program and activities for disaster preparedness in Brgy. Calibuyo, Tanza, Cavite. The participants also shared their personal experiences during disasters in their barangay and talked about the initiative of the Barangay Disaster Risk Reduction Management towards the situation. Moreover, they mentioned other necessary aid services of the community.

The activity was attended by the barangay officials headed by Hon. Jesus E. Aquino, barangay captain, and the members of the community. (V-jay S. Eusebio)

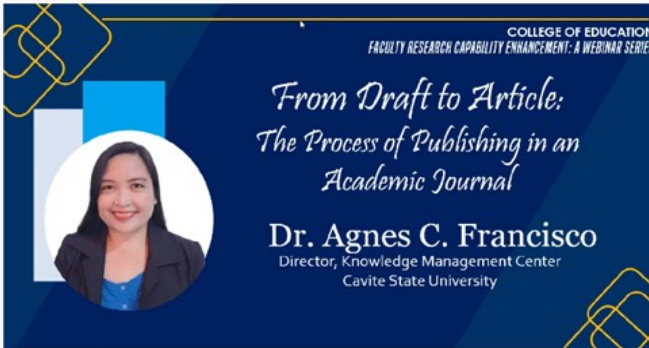
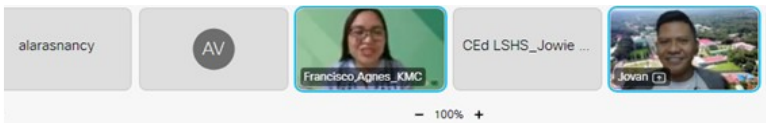
CED holds faculty research ... (from page 2)

Writeshop held at CvSU-Hostel Tropicana. This webinar series was indeed a huge success since the college produced eight research proposals, four of which were already submitted to the Research Center.

Truly, the college continuously aims to inculcate knowledge and skills to its stakeholders, reach out and connect to faculty members who are potential researchers, and provide an avenue for sharing of ideas, new knowledge, and experiences that were achieved through this webinar series. (Jovan B. Alitagtag)



Assoc. Prof. Emejidio C. Gepila, Jr. with the participants on Day 2 of the webinar series



Dr. Agnes C. Francisco with the participants on Day 3



Participants of the Research Proposal Writeshop held at Hostel Tropicana

CEd-TED conducts webinar on Classroom-based Action Research Writing

With its continuous goal to produce globally competitive teachers, the College of Education-Teacher Education Department (CEd-TED) conducted its “Webinar on Classroom-based Action Research Writing” for third year TED students of EDFS 22: Field Study 2 (Teaching Participation and

Assistantship) on March 25 via Cisco Webex. The activity aimed to introduce a more student-centered and improved approach in formulating studies that will help each classroom in the future. With teachers becoming more equipped with different skills in handling classes, it is a must for the new set of educators to

acquire skills that will not only benefit themselves but the institution as well. Dr. Jake Raymund F. Fabregar, Field Study coordinator of TED and research coordinator of CEd, led the opening of the program as well as the introduction of the resource speaker.

Dr. Roque F. Falible, Principal IV at Libertad National High School, Schools Division Office (SDO) Romblon, who is an expert in the field of research and teaching, was invited as the resource speaker. As a school principal for years and a continuous learner, he shared the step-by-step guide in crafting a research study that will be beneficial for students and teachers.

(continue on page 9)



Dr. Roque F. Falible, the webinar speaker

CEIT-DIT conducts ... (from page 3)

college officials and DIT faculty members, were the resource speakers. They were introduced by Prof. Joy M. Peji, moderator of the event.

Prof. Julie Ann C. Lontoc and Prof. Peji, DIT extension coordinators, were the overall organizers of the extension activity while all remaining DIT faculty members and two DIT students served as training assistants. Certificates were awarded to the participants by Prof. Charlotte B. Carandang, CEIT extension coordinator, together with Prof. Marlon R. Perena, DIT chairperson, at the end of the training.

A total of 36 attendees (13 males and 23 females) from Alulod, Calumpang Lejos, Kayquit, Poblacion 3, and Tambo Munti Kulit attended the event. (Vanessa G. Coronado, Charlotte B. Carandang)



Participants during the training



DIT instructors (top) and participants (bottom) during the Training in the use of Barangay Management Information System (BMIS) to Barangay officials and members in Indang at the CCL Room, DIT Building



TGP, CFVC project teams conduct evaluation of potential MS in Bailen and Amadeo, Cavite

Both aiming to further boost the promotion of science-based information and technology services to the end-users in agriculture especially during the COVID-19 pandemic, the Techno Gabay Program (TGP) team of CALABARZON, with the assistance from the Coffee Food Value Chain (CFVC) project team of the National Coffee Research, Development, and Extension Center (NCRDEC), conducted the evaluation of potential Magsasaka Siyentista (MS) for the Farmers Information Technology Services (FITS) Centers of General Emilio Aguinaldo (Bailen) and Amadeo, Cavite on June 2 and June 21, respectively.

Mr. Liborio L. Ramos, 88 and an active member of Bailen Coffee Growers Association (BCGA), and Mr. Felix G. Angcao, 69 and the vice president of Minantok East Coffee Growers Association (MECGA), actively participated in the evaluation conducted by Ms. Lorna C. Matel, TGP leader and CFVC project staff, together with representatives from the Office of the Provincial Agriculturist (OPA) – Cavite, Agriculture Training Institute (ATI)– Region IV-A, and Department of Agriculture (DA).



Mr. Liborio L. Ramos, recommended MS from General Emilio Aguinaldo (Bailen), Cavite

Having been born to a family of farmers who has grown coffee for years, Mr. Ramos has been utilizing the standard ways of cultivating coffee trees. To date, he is recognized for an outstanding application of rejuvenation technology in his 6-hectare coffee plantation which also bequeathed him to be recommended by their Municipal Agriculture Officer (MAO) as an additional MS for FITS Bailen.



Mr. Liborio L. Ramos during the Magsasaka Siyentista evaluation

Meanwhile, Mr. Angcao is known for his excellent application of various coffee technologies. His coffee wet processing technology was hailed second place in the recently concluded Regional Coffee Cupping Competition and Trade Fair held at Cavite State University last June 9. His dedication in practicing such innovations in agriculture in his 2.5-hectare coffee farm made him an outstanding coffee farmer of Amadeo in 2014 and 2022.



Mr. Liborio L. Ramos, recommended MS for FITS Amadeo during the Magsasaka Siyentista evaluation

Once approved and recognized as additional MS for coffee in the yearly celebrated TGP Summit, Mr. Liborio and Mr. Angcao will then be tasked to assist in the promotion of their S&T based coffee technologies by serving as advisers/speakers to their fellow coffee farmers during cross visits and will extend the farmer-to-farmer services in their respective municipalities. They will also be responsible in showcasing the effectiveness of their applied technologies by sharing their improved farm productivity and income. In return, their farms will be given a chance to be developed into learning sites for coffee. (Gizelle D. Crema)



Mr. Felix G. Angcao with the evaluators during the farm visit for the Magsasaka Siyentista evaluation

PWU representatives visit CvSU-Imus Campus

Representatives from the Philippine Women’s University (PWU) headed by Dr. Ephraimuel Jose L. Abellana, dean of the School of Hospitality Management (SHM), visited Cavite State University-Imus Campus on June 7 to discuss matters concerning the Memorandum of Understanding (MOU) between PWU and CvSU-Imus as partner institutions for research collaboration.

With Dr. Abellana were Dr. Ma. Erlinda S. Zacarias, research faculty, Chef Juanito Victoriano, SHM faculty, Ms. Mercy Hernandez, Mr. Ireneo Parra, and Mr. Joel A. Repaja, PWU admin staff. The guests were welcomed by Dr. Alfe M. Solina, chairperson of the Department of Management, Mr. Cromwell R. Cabalu, campus research coordinator, and Ms. Elvira P. Pakingan, campus extension coordinator. After the meeting, Dr. Solina shared the books which she co-authored with some CvSU faculty to the visitors. Dr. Abellana and other PWU representatives were given a short tour to the campus before leaving. *(Cromwell R. Cabalu)*



PWU representatives and CvSU-Imus faculty during the visit

ANNOUNCEMENTS



CALL FOR PAPER

CAVITE STATE UNIVERSITY
The RESEARCH JOURNAL is now accepting manuscript for publication.

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THE PHILIPPINE COFFEE JOURNAL

CALL FOR PAPERS



ABOUT THE JOURNAL

A first of its kind, the Philippine Coffee Journal is a double-blind, peer-reviewed academic journal which focuses on the results and outcomes of research, development and extension (RDE) activities on coffee conducted by different higher education institutions (HEIs) and other government RDE institutions. It aims to revitalize the Philippine coffee industry through knowledge generation and transfer of technology to the community recognize efforts in the development and promotion of the Philippine coffee industry through information dissemination and publication.

IMPORTANT DETAILS

Who are eligible to submit?

- ✓ Researchers from different SUCs, private HEIs and government agencies
- ✓ Member Institutions of the Philippine Coffee Network
- ✓ Southeast Asian Universities
- ✓ Presentors during the National/ Southeast Asian Coffee Education Congress (NCEC/ SEACEC)

Manuscript Format and Submission

All parts of manuscript should be typed on one side of page, double-spaced on Letter (8 1/2" x 11") typewriting paper with one-inch margin on all sides and consecutively paginated on the upper right hand corner of the page. Arial with 12 point font size is preferred, using Microsoft Word and limited to 30 pages including tables, figures and references.

Manuscript together with the cover sheet should be submitted at philcoffeejournal@gmail.com.

CONTACT DETAILS

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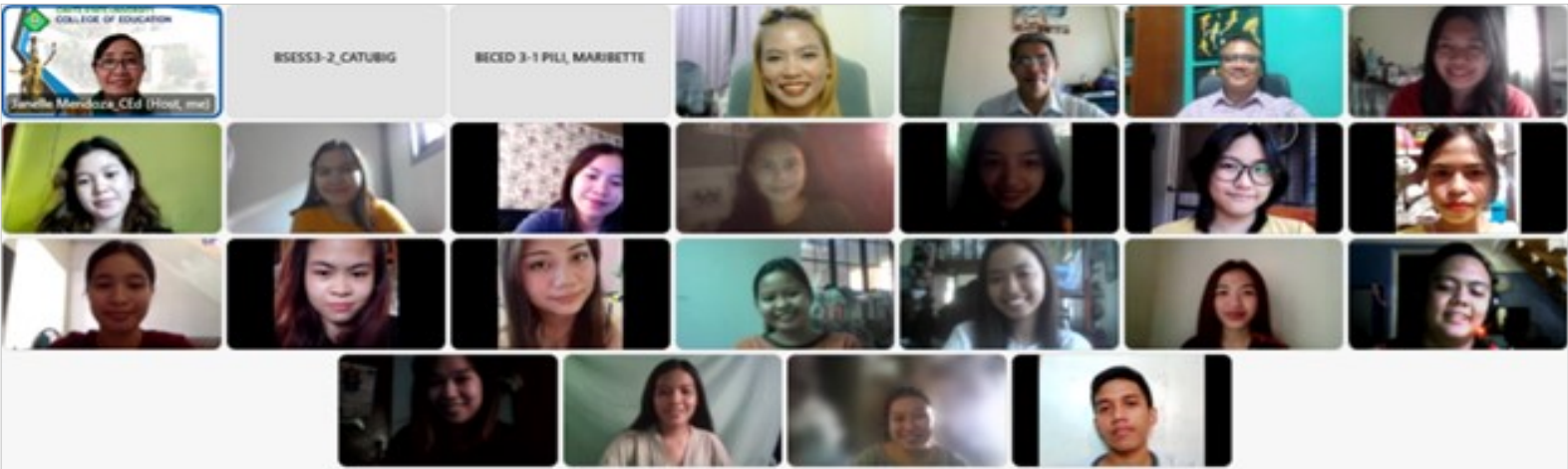
NATIONAL COFFEE RESEARCH, DEVELOPMENT & EXTENSION CENTER

CEd-TED conducts webinar ... (from page 6)

During the morning session, Dr. Falible talked about the nature of Classroom Action Research and the parts of Action Research based on the format of the Department of Education (DepEd). With the discussion becoming interactive, an open forum session was conducted to entertain some questions from the students. In the afternoon, he tackled the guidelines in writing a Classroom Action Research including the intricate details a teacher should know in conducting an action study.

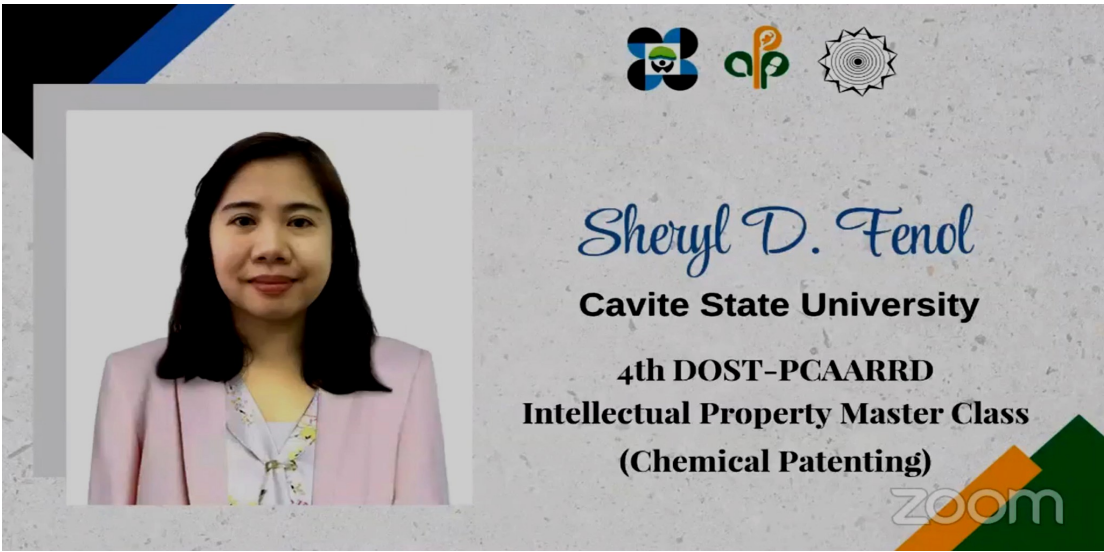
The very supportive Dr. Ammie P. Ferrer, dean of College of Education, also expressed her gratitude to the resource speaker and inspired the students to continue moving forward for their improvement especially in the research arena.

As the program ended, Dr. Florencio R. Abanes, TED chair, gave his closing remarks. The said webinar was moderated by Ms. Maria Jovylyn M. Tan, TED faculty. (Val Patrick P. dela Rea and Jake Raymund F. Fabregar)



Screenshot of the webinar participants


The Knowledge Management Center would like to congratulate Engr. Sheryl D. Fenol for successfully completing the comprehensive training of the 4th DOST-PCAARRD Intellectual Property Master Class (Chemical Patenting)



LSHS students accept Think-Talk Challenge; innovations get funded

In response to the university-wide invitation of the Knowledge Management Center (KMC)'s Think-Talk Pitching Contest, the Laboratory Science High School students, particularly those from the Research Capstone of Grade 12 and the Investigatory Project of Grade 10, accepted the challenge and sent entries that appropriately fit the criteria of the contest. The groups were asked to send a 3-minute video explaining their research idea that was basically technology-based. In the middle of the semester, two groups from Grade 12 and two from Grade 10 were fortunately selected and each was given team names.

The teams presented a different time table than what was given in their respective subjects. The groups were given 3 to 5 months to conduct their researches even though their classes ended in June. After the commencement exercises, they would



6_IP_MASUNURIN

Adduru, Krizzy Avrienne C.
Aguila, Gracelyne Denise T.
Villa, Clarence Jacob F.

Reinforcing Hollow Blocks with Chicken Feathers

1_IP_MASUNURIN

IN-DUNG AND SCRAPS: DESIGN OF A HOUSEHOLD BIOGAS PLANT WITH COW MANURE AND KITCHEN WASTE AS SUBSTRATE



MEYACHELVETTE O. DOCE



XRELL RUARYMAY M. ESTOQUE



TIFFANY NICOLE E. VILLANUEVA

Papers presented by Junior High School students of the CvSU Laboratory Science High School

DESIGN AND DEVELOPMENT OF AN AUTOMATED KAONG (Arenga pinnata) SAP HARVESTER

5_CAPSTONE_MATATAG

CABATUAN, NATHANIEL V.
COSTA, BIANCA YSAHBELLE N.
DIZON, ROYCE ANDROU G.
HERRERA, NICOLE H.



1_CAPSTONE_MATATAG

PHYSICOCHEMICAL AND SENSORY PROPERTIES OF MEAD AS AFFECTED BY DIFFERENT STINGLESS BEE (Tetragonula biroi Friese) COFFEE HONEY CONCENTRATIONS

Nikko Cueno | Czyrone Librea | Ysabelle Beatriz Salazar
Under the Supervision of Prof. Dickson Dimero and Prof. Michele Bono



Papers presented by Senior High School students of the CvSU Laboratory Science High School

still be required to come back to CvSU to continue and finish their research works. The teams were supported and supervised by their research advisers and technical critics in their respective fields of study. The opportunity would surely take them to greater heights.

During the Research Forum 2022, these teams were automatically selected but no longer qualified to vie for the Best Presenters or the Best Research Paper. They were selected to showcase their exemplary ideas to the school community. LSHS believed that having been selected and funded by the Faculty and Student Research Capability Enhancement Program (FSRCEP), these students are already considered best paper presenters. (Marina P. Caudilla)

Entry #	Group Name	Technology	Members		Adviser
5	Group 6 - Hollow-win	Reinforcing Hollow Blocks with Chicken Feathers	Krizzy Avrienne C. Adduru	Grade 10	Ralph Crucillo rtcucillo@cvsu.edu.ph
			Gracelyne Denise T. Aguila		
			Clarence Jacob F. Villa		
7	Digesteam	IN-DUNG: Highly Combustible Biogas from co-digestion of cow manure and food waste	Meyachelvette O. Doce	Grade 10	John Paulo M. Perido (0976) 019 0497 jmperido@cvsu.edu.ph
			Xrell Ruarymay M. Estoque		
			Tiffany Nicole E. Villanueva		
17	Team Kaong Harvester	Automated Kaong Sap Harvester	Bianca Ysabelle N. Costa	Grade 12 STEM	Junser P. Magpantay jpmagpantay@cvsu.edu.ph
			Nathaniel V. Cabatuan		
			Royce Androu G. Dizon		
			Nicole H. Herrera		
19	Cider Wonder	Physicochemical and Sensory Properties of Cider as Affected by Different Honey Concentrations	Nikko Cueno	Senior High School	Dickson N. Dimero dickson.dimero@cvsu.edu.ph 9176584401
			Czyrone Librea		
			Ysabelle Beatriz Salazar		

Papers presented by Junior High School students of the CvSU Laboratory Science High School

GADRC holds webinar on Child Labor

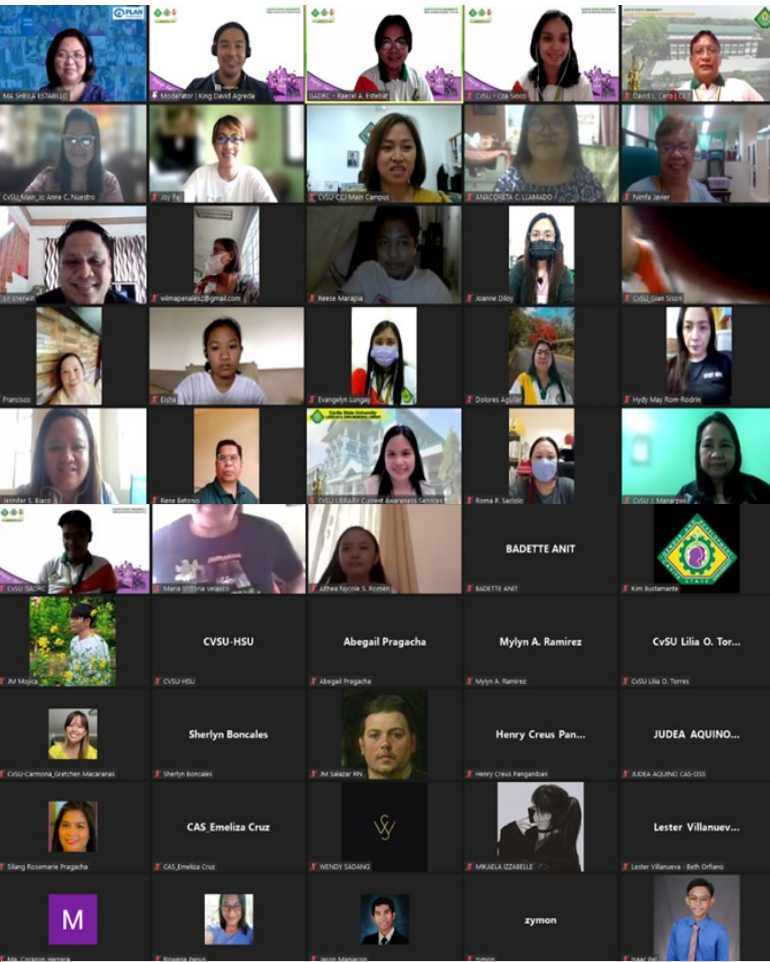
“Facets of Child Labor in the Modern World”

The Gender and Development Resource Center (GADRC) successfully held a webinar titled, “Child Labor – Online Sexual Exploitation of Children (OSEC): A Modern Face of Human-Trafficking” last June 9 via Zoom platform and Facebook live.

Dr. David L. Cero, dean of the College of Engineering and Information Technology (CEIT), delivered the opening message. He mentioned that sexual exploitation of children has been around for a long time and that it is now possible to do it from the comfort of one’s home using a cellular phone or a laptop with an internet connection. He urged everyone to pay close attention to the speaker to increase awareness of OSEC. He complimented the GADRC and expressed optimism that the three E’s (Engage, Equip, and Empower) would be met.



Resource speakers during the webinar on Child Labor



The participants of the webinar on Child Labor

Ms. Ma. Sheila N. Estabillo, project manager of Safe Online Project, Plan International Philippines, discussed Commercial Sexual Exploitation of Children and OSEC in the Philippines. She said that based on Time Magazine, the Philippines was formerly known as the world's texting and selfie capital. Furthermore, she mentioned that the Philippines is a "global hub" of live-streamed child pornography, with victims averaging 11 years old and offenders ranging from 40 to 72 years old from various nations across the world. She described the stages of sexual exploitation and stressed the red flags and signs to look for when someone has been sexually abused. She briefly reviewed the legal legislation pertaining to sexual exploitation and gave online safety tips using the acronym PIBST, which stands for privatized account, ignored inappropriate messages, blocked people, screenshot proofs, and talked to a trusted adult or authorities.

Dr. Famela Iza Cabe-Matic, dean of the College of Criminal Justice, delivered the closing message. She stated that it is a very timely and significant topic and worthy to note that the number of participants attending indicates that they are ready, willing, and interested in advancing any types of intervention against OSEC which can be considered as digital or online pandemic.

Mr. King David J. Agreda, president of MOVE KATROPA and CvSU-Cavite City Campus GAD coordinator, served as the moderator. (Ma. Czarina P. Sioco)

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- Workplan (UREC-QF-19)
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