



RAISE REGION IV ATBI conducts incubatee visitation

By Renzo Kyle V. Onella



Photos with the incubatees from Heneral Kabang Cafe & Don Mariano Gourmet, Tabitha Bees, South Maya Integrated Farm, Brookside Hills Leisure Farm, and Maestronel Agricultural Farm

The Regional Agri-Aqua Innovation System Enhancement (RAISE) Region IV - Regional Agri Aqua Technology Business Incubator conducted a series of site visitation and monitoring activities among its incubatees and in alignment with the project's "Grow with the Flow: Technopreneurship Roadshow" on December 14-15. This sought to promote and enhance the implementation of the Agri-Aqua Technology Business Incubation (ATBI) Program in the region.

Accompanied by RAISE IV -

Regional ATBI Project Staff, the team composed of Dr. Rowena R. Noceda, Ms. Princess M. Feliciano, Mr. Guillermo P. Desenganio, and Mr. Gener T. Cueno, together with Ms. Michelle M. Razo, Project Development Officer III; Mr. Renzo Kyle V. Onell, Science Research Analyst, and Mr. Leonardo B. Amo III, Science Research Assistant, conducted site visitations and monitoring activities for five of the Regional ATBI's incubates, namely: Mr. Anun Restituto Sumook of Heneral Kabang Cafe and Don Mariano

Gourmet, Ms. Maureen B. Martillano of Tabitha Bees, Mr. Abelardo G. Malimban of Brookside Hills Leisure Farm, Mr. Ramon Luis J. dela Cruz of South Maya Integrated Farm, and Mr. Bernard Arnel M. Gonzales of Maestronel Agricultural Farm. The activity covered the incubatees' operational sites, including their stores, farms, and processing areas. Mentoring sessions were also part of the activity and *(continue on page 2)*

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VISION

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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.

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DHUM joins PALT International Conference 2023

By Cyrel B. Rodriguez



Photos taken during the event

Faculty from the College of Arts and Sciences-Department of Humanities (CAS-DHum), led by Dr. Bernard S. Feranil, department chairperson, along with Ms. Mariz S. Baybay, Ms. Charita C. Troyo, and Ms. Marisol C. Crizaldo, attended the Philippine Association for Language Teaching (PALT) International Conference 2023 with the theme, *"The Future of Language Education: Global and Local Perspectives"* on December 7-9 at Romulo Hall, Teacher's Camp, and the University of the Philippines, Baguio City. The event was organized by the University of the Philippines-Baguio City, US Embassy in cooperation with the Regional English Language Office (RELO), and PALT.

The conference gathered numerous local and international language experts, teachers, assessors, material developers, policymakers, and

researchers. It served as a platform to explore lessons and insights derived from the pandemic, as well as emerging trends in content, mentoring, materials development, pedagogy, assessment, and technology. These discussions aimed to assist the field of language education in adapting to the changing language education landscape.

In addition to the plenary sessions led by professors and representatives, the participants were

engaged in various workshops covering topics such as language literacy, growth mindset interventions for struggling readers, the use of AI in teaching writing, research productivity, inclusive language teaching practices, preparing researchers for publication, and Text-Based Instruction (TBI) for English for Academic and Professional Purposes.

The research paper titled, "The Linguistic Landscape of CHED CALABARZON Centers of Excellence: A Micro and Macro Linguistic Analysis" was presented by Dr. Feranil to both local and international attendees. The active participation of the Department of Humanities faculty once again demonstrated their dedication and excellence in research.



Dr. Feranil while presenting his paper at PALT International Conference 2023

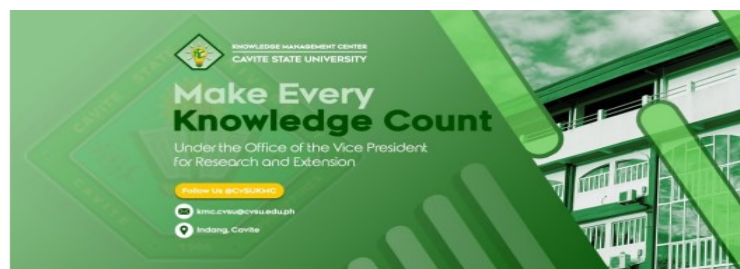


RAISE REGION IV ATBI ... (from page 1)

provided the incubatees with an opportunity to address concerns about their incubation, the program, technologies, and their businesses with the pool of experts among the project staff.

The Grow with the Flow: Technopreneurship Roadshow plans to extend its coordination efforts with other incubatees, local government units (LGUs), and State Universities and Colleges (SUCs). Future visitations and various

ATBI orientation activities are scheduled across Region IV, aiming to enhance awareness and encourage the adoption of available technologies in the region through additional incubatees and adopters.



CvSU participates in PHILARM 2023 National Research Management Training

By Jhon Laurence B. Herrera

Faculty and staff from Cavite State University, namely: Dr. Miriam D. Baltazar, director, Research Center; Dr. Almira G. Magcawas, director of the Extension Services, and the Southern Tagalog Agriculture, Aquatic, and Resources Research Development and Extension Consortium (STAARDEC); For. Junser P. Magpantay, director, Sugar Palm Research, Information, and Trade (SPRINT) Center, and the University Pollution Control Officer;

Prof. John Xavier B. Nepomuceno, CvSU- Naic Campus administrator; Dr. Raquel G. Agustin, STAARDEC Regional Science Communication Cluster coordinator; Mr. Mark Jayvee M. Mojica, head, Research Center Project Monitoring & Evaluation Division (PMED), and Mr. Kris Rowell S. Garcia, technical staff, Research Center PMED, participated in the



(From left-right) Mr. Mark Jayvee M. Mojica, Mr. Kris Rowell S. Garcia, Dr. Raquel G. Agustin, Dr. Almira G. Magcawas, Dr. Miriam D. Baltazar, For. Junser P. Magpantay, and Prof. John Xavier B. Nepomuceno, CvSU delegates, during the 2023 National Research Management Training

2023 National Research Management Training with the theme, "*Spreading the Wings of Research Management: Enhancing Research Productivity in the Regions*" on December 5-7, 2023 at Hotel Essencia, Dumaguete City, Negros Oriental.

The training was organized by the Philippine Association of Research Managers, Inc. (PHILARM). It aimed

to establish a common benchmark in the field of research management by fostering familiarity and knowledge of topics, issues, concerns, tools, and best practices.

Additionally, the event exposed RDE managers and research organizations to the best practices for revolutionizing the research management and innovation system in the country.



Cavite State University - Knowledge Management Center

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The CvSU Knowledge Management Center FB page

AUP conducts benchmarking activity at KMC

By Jassel Rochmel A. Parreño



Photos taken during the benchmarking activity conducted by AUP at KMC

The BS Development Communication students of the Adventist University of the Philippines (AUP) conducted a benchmarking visit to the Knowledge Management Center (KMC) as part of their research project on December 6, 2023.

The activity aimed to gather information on the operations and functions of the KMC and its two divisions:

the Publication and Communication Division (PCD) and the Intellectual Property and Technology Business Management Division (IPTBMD).

Dr. Alvin William A. Alvarez, head of the PCD, and Dr. Teddy F. Tepora, head of the IPTBMD, manager of the Innovation and Technology Office (ITSO), and officer-in-charge of the Knowledge and Technology

Transfer Office (KTTO), facilitated the aforementioned activity by sharing the procedures and mandates of the two divisions.

Additionally, the guests took a brief tour of the CvSU Bee Research, Innovation, Trade, and Extension (BRITE) Center, the CvSU Historical and Cultural Museum, the CvSU's Agri-Eco Tourism Park, and the S.M. Rolle Hall.



The CvSU Research Journal FB page

RAISE Southern Tagalog holds audit, benchmarking activity at LSPU

By Rhuzel Leinster Dean J. Julian



RAISE Program Team with PCAARRD Agribusiness Hub



RAISE Program team during the visit in FPRDI Tubo Office

The Regional Agribusiness Hub (RAISE) Southern Tagalog project members, namely: Engr. Gee Jay C. Bartolome and Engr. Jan-Dominic P. Lucero held an audit and benchmarking activity at Laguna State Polytechnic University (LSPU) on December 1, 2023. They interviewed Dr. Christian Paul P. De La Cruz about LSPU's BioSyn-F. In coordination with Ms. CJ Mercado-Dy, LSPU- RAISE IPTBM project leader and tech inventor, they were able to gather information necessary for the audit of Laguna's prioritized agri-aqua technologies. Additionally, Mr. Rodell Papa of the Forest Products Research and Development Institute (FPRDI), and the project leader of the RAISE IPTBM, collaborated with Mr. Kim Wilmer M. Balagot during the interview. They talked about White Wine Aged in a Wooden Barrel.

The discussion covered topics such as pre-commercialization efforts, the business model canvas, and

future plans for the innovation. The creation of marketing materials for the technologies was simultaneously assisted by Mr. Rhuzel Leinster Dean J. Julian of the Regional Knowledge Management Hub and Mr. Kyle Renzo V. Onella of the Regional ATBI. This included picture and video shoots with Ms. Me-Ann Barile, LSPU ATBI manager; personnel from FPRDI's Flavors and Fragrances from the Forests Technology Program (F3TP); Mr. Rodel Papa of FPRDI IPTBM, and Ms. Sarahme Esteban of FPRDI's TUBÒ. In between the activities, the program members were also able to exchange their insights on sustainability and the institutionalization of the program.

The RAISE program team received salutations from Dr. Maria Cielito G. Siladan, Chief of the FPRDI Division. Additionally, the team, accompanied by Ms. Danna Jean Mendoza and Ms. Mae Dagaas, Science Research Specialists, had a tour at the DOST-PCAARRD's facilities.

Highlights of the tour included significant discussions with the national program implementers in the Technology Transfer and Promotion Division (TTPD) Office, exploration of PCAARRD's Information, Education, and Communication (IEC) Materials, digital resources in their Knowledge Management Hub, and benchmarking on policies and activities with the Agribusiness Hub.

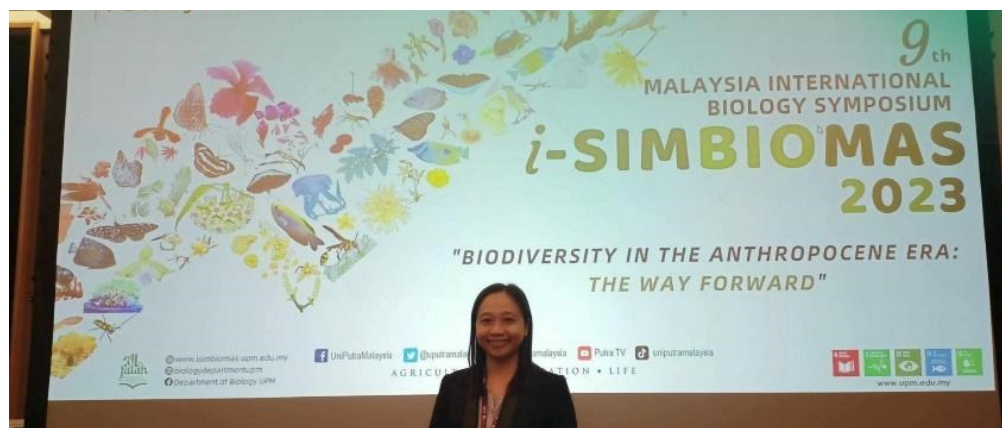
The audit and benchmarking activity helped RAISE Southern Tagalog to identify and assess the region's agri-aqua technologies and develop strategies to support their commercialization. The creation of marketing materials also raised awareness of these technologies which would then make them more accessible to potential users. RAISE Southern Tagalog is grateful to all the individuals and organizations that participated in this audit and benchmarking exercise. The technology audit among other member institutions will continue in January 2024.



KNOWLEDGE MANAGEMENT CENTER
CAVITE STATE UNIVERSITY

Panaligan presents paper in Malaysia

By Lloyd O. Balinado



Dr. Arleen C. Panaligan at the 9th i-SIMBIOMAS Symposium

Dr. Arleen C. Panaligan, faculty of the Department of Biological Sciences of the College of Arts and Sciences, represented CvSU and actively participated in the 9th i-SIMBIOMAS Symposium last November 28-29 at the Everly Putrajaya Hotel

in Malaysia. The symposium was organized by the University Putra Malaysia.

She presented her paper titled "ISSR Fingerprinting of Registered Coffee (*Coffea* spp.) and Potential Varieties in the Philippines." This

research paper aimed to create a platform and catalysts in accelerating knowledge advancement for the fields of biological sciences; encourage dissemination of new knowledge and increase research publications by the academic community, and provide national and international network opportunities for students, researchers and academicians working in biological and its allied fields.

The event brought together researchers from different nations specializing in biodiversity, conservation, ecology, genetics, and physiology, aiming to share scientific data about the impact of Anthropocene era in biodiversity.

CAS-DBS holds its KISLAP B.L.E.N.D. sessions

By Lloyd O. Balinado



B.L.E.N.D. session with (from left to right) Asst. Prof. Angelbert D. Cortes, Mr. Yves Roy M. Tibayan, and Associate Professor Michele T. Bono

As part of the KISLAP activity organized by the Department of Biological Sciences of the College of Arts and Sciences at Cavite State University's Science Café by Café Severino, the B.L.E.N.D. (Biology Learning Exchange and Networking Discussions) sessions were introduced, creating a platform for CvSUños to engage with DBS researchers and extensionists over a cup of coffee. Three B.L.E.N.D. sessions took place from late November to December 2023.

Assistant Professor Angelbert D. Cortes, DBS faculty and a faculty researcher, shared his insights on his microbiological research experiences and journey for having the Certification Examination as a Registered Microbiologist (RMicro) on November 29. Meanwhile, Mr. Yves Roy M. Tibayan, a science research specialist, discussed the significance of research and provided insights about funding opportunities offered by the CvSU Research Center

on December 7. Finally, Associate Professor Michele T. Bono, DBS faculty and the director of the Bee Research, Innovation, Trade, and Extension (BRITE) Center, shared her experiences in bee research and extension, highlighting the opportunities available through the Center on December 11.

CAS-DBS hopes to conduct more KISLAP B. L.E.N.D. sessions with different experts from the CvSU community.

SPRINT Center, St. Catherine FHP Inc. conduct training session in Brgy. Baslay, Dauin, Negros Oriental

By Jhon Laurence B. Herrera



Photo opportunity of the SPRINT Center personnel together with the participants from BASHACO, Baslay, Dauin, Negros Oriental

The Sugar Palm Research, Information, and Trade (SPRINT) Center received an invitation from St. Catherine Family Helper Project (FHP) Inc., its Non-Government Organization (NGO) partner, to conduct a training session on the Technology of Sugar Palm Production and Processing in the Province of Negros Oriental on November 23-25, 2023. This aimed to empower the residents of Brgy. Baslay, Dauin, Negros Oriental by providing them with knowledge on sugar palm production and processing technology to enhance their standard of living.

This initiative focused on maximizing the potential of sugar palms growing abundantly in the 400-hectare Community-Based Forest Management Area (CBFMA) in Mt. Talinis.

The three-day training covered various topics, beginning with an introduction to the environmental, economic, and livelihood potentials of sugar palm by For. Junser P.

Magpantay, director of the SPRINT Center. He also highlighted the research and development activities of Cavite State University through the SPRINT Center. Mr. Jhon Laurence B. Herrera, administrative assistant of the SPRINT Center, discussed the techniques and processes of sugar palm tapping, sap harvesting, vinegar

production, and granulated kaong brown sugar processing.

The training included an actual field demonstration of sap tapping and harvesting, as well as granulated *kaong* brown sugar processing, facilitated by Mr. Florencio C. Flores, a farm worker of the SPRINT Center. A total of 23 residents of Brgy. Baslay, Dauin, Negros Oriental, who are members of the Baslay Highland Agriculture Cooperative (BASHACO), attended the training.

The event concluded with the closing remarks from Dr. Romario P. Ybañez, chairperson of the board of trustees of St. Catherine FHP Inc.; Mr. Albert P. Aquino, executive director of St. Catherine FHP Inc.; Mr. Ruel I. Perez, leader of BASHACO, and For. Magpantay, director of the SPRINT Center. The participants were all given the certificates of completion at the end of the session.



Photo opportunity of the members during the demonstration of granulated kaong brown sugar making

CvSU faculty qualify to participate at NAST-Philippines 2023 Future Science Leaders' Forum

By Jhon Laurence B. Herrera



(from left-right) For. Junser P. Magpantay, Nat'l. Scientist Dolores A. Ramirez, Dr. Jonathan R. Digma, and Asst. Prof. Angelbert D. Cortes

Three faculty members from Cavite State University (CvSU), namely: For. Junser P. Magpantay, director of the Sugar Palm Research, Information, and Trade (SPRINT) Center, and the University Pollution Control Officer; Dr. Jonathan R. Digma, principal of CvSU-Maragondon Campus, and Assistant Professor

Angelbert D. Cortes, CvSU faculty researcher, were deemed qualified to participate in the 2023 Future Science Leaders' Forum (FSLF) organized by the National Academy of Science and Technology (NAST PHL) on November 9-10, 2023 at Acacia Hotel, Alabang, Muntinlupa, Metro Manila.

The FSLF functions as a mentorship forum that brings together accomplished young professionals with strong leadership potential and excellent communication skills in their respective fields. Its 9th edition aimed to empower young Filipino science leaders by providing them with a platform to maximize their leadership potential in their respective fields and fostering a network of peers, mentors, and advisors. Plenary speakers at the event were National Scientists Carmencita M. David-Padilla, Dolores A. Ramirez, and Lourdes J. Cruz.

About 60 delegates composed of youth science leaders from different regions in the country were meticulously selected to participate and benefit from the mentoring forum. Each participant was chosen based on their



(from left-right) For. Junser P. Magpantay, Nat'l. Scientist Carmencita M. David-Padilla, Asst. Prof. Angelbert D. Cortes, and Dr. Jonathan R. Digma

expertise in their respective fields.

NAST Philippines is tasked to recognize the outstanding achievements of different Filipinos in science and technology. It was established on December 17, 1976, through Presidential Decree (PD) No. 1003-A and became operational in 1978 through PD 1557 (source: NAST PH).

SPRINT R&E Team Member Engr. Fenol bags the Best Poster Award at 1st STCIEERD Research Summit

By Jhon Laurence B. Herrera

Engr. Sheryl D. Fenol, a member of the Research and Extension (R&E) team at the Sugar Palm Research, Information, and Trade (SPRINT) Center, presented her research poster on Activated Carbon from Sugar Palm (*Arenga pinnata*) Waste Products which emerged as winner in the Best

Poster category at the 1st Southern Tagalog Consortium for Industry, Energy, and Emerging Technology Research and Development (STCIEERD) Research Summit held at Batangas State University-the National Engineering University-Pablo Borbon Campus on November 28-29, 2023.

With the theme, "Harnessing the Power of Emerging Technologies for Economic Growth and Social Impact", the event was carried out to foster interdisciplinary collaboration among industries, academe, research institutions, and government agencies by facilitating the (continue on page 9)

UPCO conducts Training Workshop on CvSU Environmental Management Policies for student leaders

By Jhon Laurence B. Herrera

The University Pollution Control Office (UPCO) organized a training workshop on CvSU Environmental Management Policies for student leaders representing various recognized organizations of the university at the Southern Tagalog Agriculture, Aquatic and Resources, Research, Development, and Extension Consortium's (STAARRDEC) Conference Room, Cavite State University, Indang, Cavite on October 10, 2023. It was carried out to orient selected students from recognized organizations on CvSU Environmental Management Policies; foster a comprehensive understanding of the importance of environmental management and its current status; conduct *(continue on page 10)*



Participants during the training workshop

SPRINT R&E Team ... *(from page 8)*



Winners during the 1st STCIEERD Research Summit while receiving their certificates of recognition on stage (Photo credit to DOST-CALABARZON)

exchange of ideas and expertise. Member institutions had the opportunity to showcase their innovative technologies, products, and services during the two-day summit.

The research on Activated Carbon from Sugar Palm (*Arenga pinnata*) Waste Products that was presented during the summit was authored by Engr. Fenol, Dr. Lorenzo

C. Lapitan, Jr., Mr. Jhon Laurence B. Herrera, and Mr. Daeniel Zarene P. Mojica. The study aimed to produce activated carbon from *kaong* waste products, specifically from fiber and husks.

The results revealed a surface area of 2,000 to 3,000 m²/g, competing favorably with commercially available activated carbon, which typically has a surface area of 900-2,000 m²/g.

Furthermore, activated carbon produced from *kaong* fiber and husks demonstrated 0 percent moisture and yielded no oil in water, making sugar palm activated carbon a valuable material for air and water filters.

UPCO conducts Training ... (from page 9)

stakeholder consultation meetings through focus group discussions, and discuss topics related to Gender and Development.

About 40 student leaders from different colleges and campuses attended the training workshop. For. Junser P. Magpantay, Pollution Control Officer, commenced the program with his welcome remarks, and emphasized the strict implementation of CvSU Environmental Management Policies in compliance with the conditions as stated in the

Environmental Compliance Certificate issued by the Department of Environment and Natural Resources – Environmental Management Bureau (DENR-EMB) IVA-CALABARZON. Mr. Mark Christian P. Rosal, Administrative Aide III of UPCO, discussed the CvSU Environmental Management Policies. Following the discussion, For. Magpantay facilitated an open forum to assess the students' knowledge of the implemented policies.

In support of the 18-day

campaign to end Violence Against Women (VAW) by CvSU-Gender and Development (GAD) and ensure students' physical and emotional safety, Mr. Alfie Carl A. Battung, GAD alternate of SPRINT Center, shared his insights on Gender Fair Language.

Additionally, Mr. Jhon Laurence B. Herrera, GAD coordinator of SPRINT Center, discussed RA 9262, also known as the Anti-Violence Against Women and their Children Act of 2004.



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