



Bravo for Bravura’s Prize

There is more in a technology than just the machine itself. There is a story behind. There is a purpose after. This is why the Manila Water Foundation (MWF) launched its Prize for Engineering Excellence aiming to recognize research products and technologies that have made a big impact in the communities.

This year, Bravura Coffee Roasting Machine developed by Dr. Ruel M. Mojica, an agricultural engineer and currently the Vice President for Research and Extension, made it to MWF Prize and was awarded last February 3 in a ceremony held at Seda Vertis North Hotel in Quezon City.

Bravura is known to be the cheapest vertical coffee roaster that fits the needs of the local farmers. It allows them to generate more profit as they can roast their own coffee and process their products to be sold at a better price. The said machine can be sold directly to the farmers or through cooperatives making it accessible to more local farmers.

Three other engineers were given recognition as their innovations proved to have helped solve problems in their communities: Engr. Alexis Belonio for the Rice Husk Gassifier Technology, Dr. Michael Gragasín for the



Dr. Mojica (second from right) with the other recipients of the MWF Prize for Engineering Excellence

Compact Corn Mill and Impeller Rice Mill, and Engr. Francis Aldrin Uy for the Universal Structural Health Evaluation and Recording System. (LAAOrsal)

Talactac bags Most Outstanding Veterinarian in Education Award

Dr. Melbourne R. Talactac, dean of the College of Veterinary Medicine and Biomedical Sciences (CVMBMS) emerged as the Most Outstanding Veterinarian in Education, one of the seven award categories given by the Philippine Veterinary Medicine Association (PVMA) during the 87th Annual Convention and Scientific Conference held at SMX Davao City, last February 19.

A prolific and meritorious faculty member and a researcher, Talactac bagged this year’s prestigious award from PVMA in recognition of his outstanding and profound commitment and invaluable contributions to the field of veterinary education in the country. Four areas of evaluation were used as criteria for the award which include (1) instructional competence, teaching effectiveness and educational attainment, scientific researches and publication (55%); (2) community service, contributions to NGOs, other professional and socio civic organizations (20%); (3) professional



Dr. Melbourne R. Talactac, PVMA’s Most Outstanding Veterinarian in Education 2020

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VISION

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

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

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

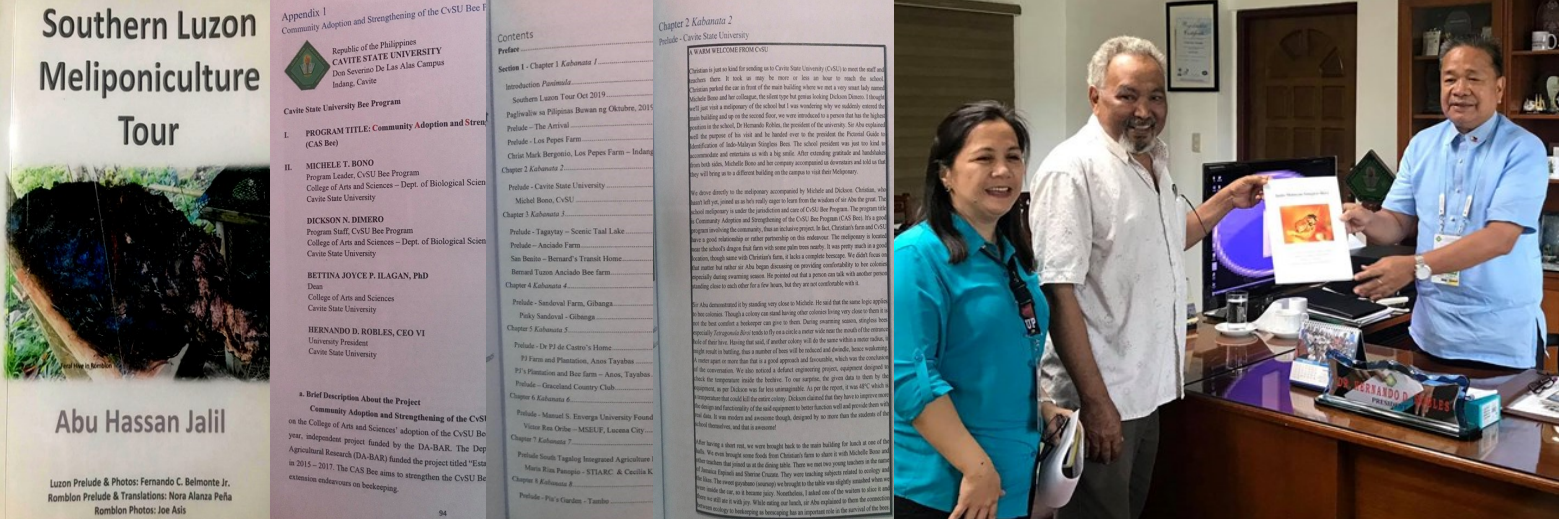
CvSU Bee Program, CAS Bee featured in Malaysia-published book

The CvSU Bee Program and its extension program, “Community Adoption and Strengthening of the CvSU Bee Program (CAS Bee)” of the College of Arts and Sciences were featured in a book copyrighted in Malaysia and released in January 2020.

The said book titled *Southern Luzon Meliponiculture Tour* authored by Mr. Abu Hassan Jalil, a Malaysian agronomist, landscape specialist, bee expert, and Meliponine Consultant in Malaysian Genome Institute Akademi Kelulut Malaysia, tackled about the CAS Bee and its three main components, namely: (1) BEEyond the Hive: Introduction to Beekeeping, (2) Iwi System /

Bahay Para sa Lukot and (3) *Kapit BEEsig*: The Cooperator System. The book also highlighted the accomplishments of the CvSU Bee Program.

Aside from the book feature, Mr. Abu Hassan Jalil visited CvSU on October 16, 2019 for a meliponary visit at the Agri-tourism Park (formerly SAKA) and for possible collaboration with the CvSU Bee Program. Mr. Jalil gave a book titled “Indo-Malayan Stingless Bees” to Dr. Hernando D. Robles and to the CvSU Bee Program. To date, Mr. Jalil serves as a consultant of the CvSU Bee Program. (*DNDimero*)



(Left) The book *Southern Luzon Meliponiculture Tour* featured the CvSU Bee Program and CAS Bee (Right) Mr. Abu Hassan Jalil of the Malaysian Genome Institute Akademi Kelulut Malaysia handing Dr. Hernando D. Robles and Prof. Michele T. Bono of the CvSU Bee Program his book on *Indo-Malayan Stingless Bees*.

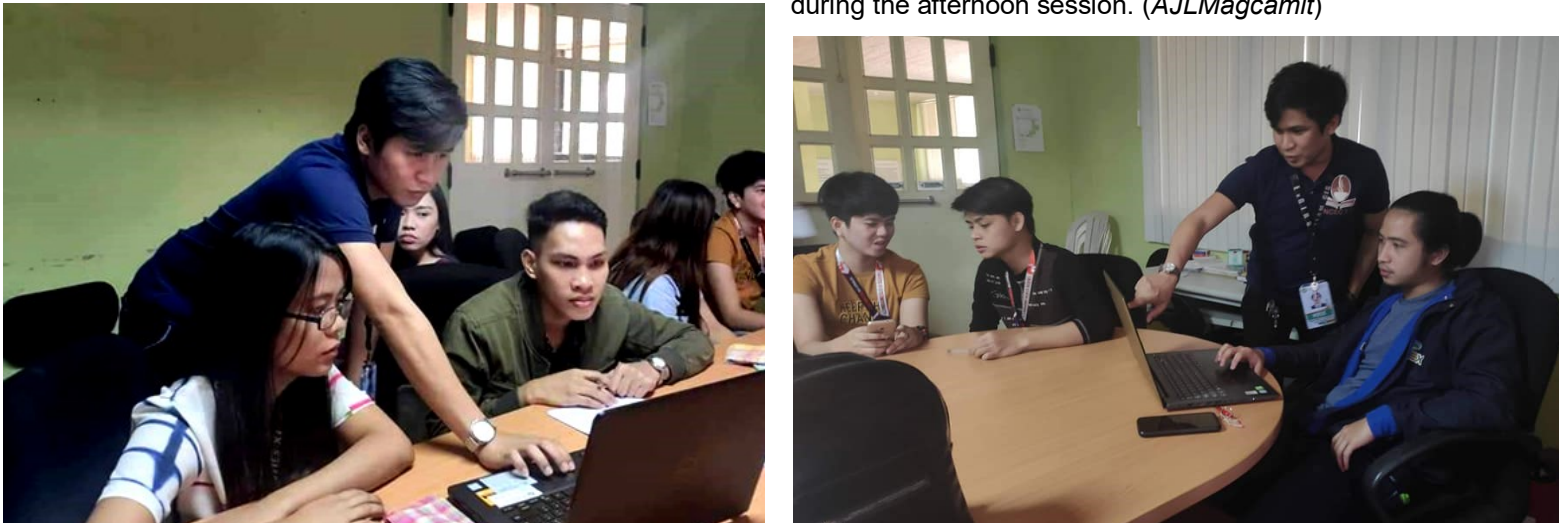
NCRDEC conducts seminar- workshop on GIS-RS tech

In collaboration with the College of Agriculture, Food, Environment and Natural Resources (CAFENR) - Environment Geographic Information and Remote Sensing (EnGIRS) Laboratory, the NCRDEC conducted a seminar-workshop on the basics of the Geographic Information System and Remote Sensing Technology last February 12 at the NCRDEC Conference Room, Cavite State University, Indang, Cavite.

Mr. Kris Rowell S. Garcia, research assistant, served as the resource speaker for the said activity where he led a comprehensive lecture discussion on the technical know-hows and uses of the technology particularly on QGIS, an open

source GIS software. He also facilitated a hands-on activity for the participants during the afternoon session at the NCRDEC demonstration and experimental areas where the Geocam mobile application was used to identify the location's coordinates.

This activity was part of the preliminaries of a University-funded research project titled, NCRDEC Information System, which aimed to capacitate the staff and the researchers in utilizing the GIS-RS technology in their respective research. In conclusion, the attendees were able to generate maps based on the provided baselines and the acquired data from the hands-on during the afternoon session. (*AJLMagcamit*)



Mr. Kris Rowell Garcia assisting the participants on generating their GIS map using the technology

CvSU Bee Program wins 3rd place in AAA's Best Honey competition

Prof. Michele T. Bono and Prof. Dickson N. Dimero of the College of Arts and Sciences – Department of Biological Sciences (CAS-DBS) and the CvSU Bee Program presented papers and participated in the best honey contest at the International Meliponine Conference and Asian Apicultural Association (AAA) Philippines Symposium on Pollinator Conservation – Stingless Bees: Cinderella No More, last February 25 – 28 held at the University of the Philippines Los Baños, Laguna.

The said conference provided a forum for bee researchers, policy makers, farmers, students and beekeepers from around the world to discuss topics related to bees and pollination, and to share their beekeeping practices and experiences. The scientific session covered sections on bee biology and management, pollinator conservation, apitherapy and applied beekeeping. A one-day workshop on stingless bee management was held in a farm practicing natural farming.

Profs. Bono and Dimero presented a paper titled “Community Adoption and Strengthening of the CvSU Bee Program (CAS Bee)” for the extension category and a paper titled “Antimicrobial Activity of Formulated Soap and Hand Sanitizer with Stingless Bee (*Tetragonula Biroi* Fiese) Propolis Extract” with Ms. Hanna Fae Rotairo, Ms. Sherine M. Cruzate and Ms. Aera Camille Landicho for the research category.

During the awarding ceremony, the CvSU Stingless Bee Honey was awarded 3rd Place for the Stingless Bee Honey Contest of the said symposium.

The CvSU Bee Program under CAS, together with the Sugar Palm Research, Information and Trade (SPRINT) Center and National Coffee Research Development and Extension Center (NCRDEC) participated as exhibitors to showcase DA-BAR funded generated technologies/products of CvSU in the Grand Honey Festival, Garden Show and Trade Fair. Exhibited products include CvSU Stingless Bee Honey, Formulated Soap with Propolis, Pollen, Propolis Extract, Kaong Vinegar, Kaong Sugar, and Aguinaldo Blend Coffee. The Trade Fair was attended by Dr. Bettina Joyce P. Ilagan, CAS Dean, Mr. Andrew J. Siducon and Ms Mary Joyce E. Talamante, CAS Extension Coordinators, Ms. Sherine M. Cruzate and Ms. Jamaica E. Quiñones, CAS-DBS faculty, Mr. John Laurence Herrera of SPRINT, and Mr. Angelo Rodis from NCRDEC. (DNDimero)



Professors Dimero and Bono receiving the award for the 3rd Best Honey, CvSU Stingless Bee Honey during the AAA Conference



Prof. Bono, Ms. Quiñones and Ms. Cruzate entertaining clients during the trade fair



Dr. Ilagan, Ms. Talamante, Mr. Siducon, Mr. Herrera and Mr. Rodis promoting CvSU products during the AAA Trade Fair

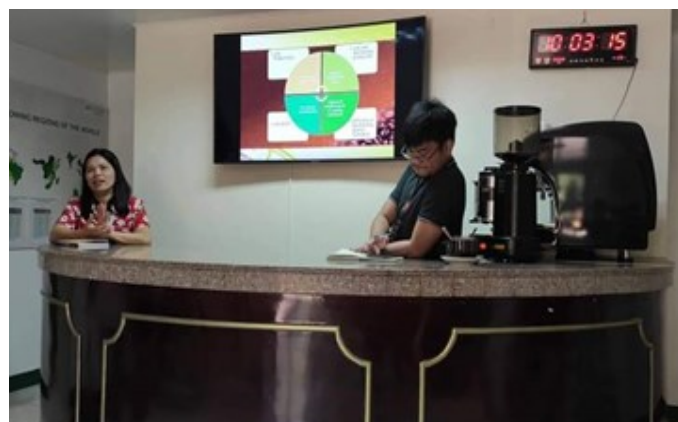
NCRDEC launches Coffee Talk

It's a date.

In celebration of the Love Month, the National Coffee Research Development and Extension Center (NCRDEC) launched its first session of Coffee Talk dubbed as *Coffee Talk: Thesis x Love x Coffee* last February 13 at the NCRDEC Lounge, Cavite State University, Indang, Cavite.

Sharing the love and passion for coffee, the Center designed this initiative to be an avenue for interested student researchers to have an informal yet informative dialogue with the Center's pool of experts regarding thesis concerns.

The session was facilitated by Engr. Gerry M. Castillo, NCRDEC director and Dr. Miriam D. Baltazar, faculty researcher/ (continue on page 4)



Dr. Miriam D. Baltazar with Engr. Al Eugene L. Torres explaining the possible areas for research on coffee

NCRDEC graces Bailen’s Coffee Field Day

Through the invitation of the International Institute of Rural Reconstruction (IIRR), Engr. Gerry M. Castillo, NCRDEC director, Mr. Rodrigo H. Diloy, Education Program Specialist II and Mr. Erwin V. Capito, Administrative Aide I, served as resource speakers during the Coffee Field Day held at Gen. Emilio Aguinaldo (Bailen), Cavite last February 5.

Engr. Castillo took part during the opening program where he highlighted the different research and extension programs of the Center. During the program proper, Mr. Capito discussed the topics on the characterization of Philippine coffee species and establishment and management of coffee plantation. Meanwhile, Mr. Diloy led the site assessment and

characterization of grown species in the two visited farms located at Brgy. Kabulusan, Gen. Emilio Aguinaldo, Cavite.

The field day was spearheaded by the Municipal Agriculture Office of Gen. Emilio Aguinaldo in partnership with the IIRR to facilitate learning exchanges among farmers and stakeholders about the best practices on coffee farming. (AJLMagcamit)



The participants and organizing team of Coffee Field Day on February 5 at Gen. Emilio Aguinaldo, Cavite

Talactac bags ... (from page 1)

development and awards, recognitions received (15%); and (4) professional and moral integrity (10%).

Talactac’s sterling academic records and overwhelming research publications and citations continue to inspire other veterinarians and researchers in the University. Thirty-one (31) of his notable research papers have been published in ISI journals, having 223 citations in Google Scholar (as of March 2020) with an H-index of 8. He likewise owns two (2) registered patents in South Korea and Japan, and one (1) gene sequence submitted/recorded in Genbank. He also has presented numerous papers in international and national forums, in which he won awards as Best in Oral Presentation and Young Researcher Encouragement Awardee in the 160th Meeting of the Japanese Society of Veterinary Sciences, Kagoshima, Japan. As a faculty and a researcher at the same time, he has initiated and facilitated several MOUs with international and national institutions such as Kagoshima University, UP Visayas, Cebu Technological University, Philippine Carabao Center, among others.

At present, he leads one institutionally-funded project (CRG) and another research project funded by the National Research Council of the Philippines (NRCP).

“I believe that teaching and learning are all about shared responsibility, mutual trust and friendship among teachers and students. In my classroom, I see to it that my students learn by motivation and not by intimidation and fear. After all, learning (and teaching) should be fun and enjoyable. I am a fulfilled learning facilitator not by producing failing students but by mentoring individuals who are willing to be better not only academically but in life as well, “Talactac concluded. (JAFrancisco)



(L-R) Dr. Francisco Vilela Jr., PVMA President, Dr. Melbourne R. Talactac, and Dr. Joy Santos, PVMA Awards Committee Chair during the awarding ceremony

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NCRDEC launches ... (from page 3)

NCRDEC Research Department Head who not just provided discussions regarding the Center's research initiatives and facilities, but also challenged the attendees to produce quality research works that will contribute to the development of the industry and its stakeholders.

The three-hour Coffee Talk session is set to be held once a month and aims to tackle relevant and timely concerns and issues involving the Philippine coffee industry. (AJLMagcamit)