



## CvSU Vision

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

## CvSU 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.

## OVPRE conducts *Lakbay-Aral* 2018

The Office of the Vice President for Research and Extension (OVPRE) conducted its annual *Lakbay-Aral* in Batangas on May 17-19, 2018. This was participated in by 68 personnel from OVPRE, Research Center, Extension Services, Knowledge Management Center (KMC), National Coffee Research, Development and Extension Center (NCRDEC), and Southern Tagalog Agriculture, Aquatic and Natural Resources Research and Development Consortium (STAARRDEC).

Aimed at strengthening camaraderie and work relationships among Research and Extension staff, activities included a benchmark visit at Batangas State University (BatSU) main campus, team building at Kamantigue Beach Resort in Brgy. Pagkilatan, Batangas City, and a tour at Apolinario Mabini Shrine and Tanauan City Library and Museum. Prof. Albertson D. Amante, VP for Research, Development and Extension Services of Batangas State University welcomed the group at the CALABARZON Integrated Research and Training Center (CIRTC) with a meeting and a

(continue on page 2)



Tanauan City museum staff briefing the group on the history of the museum and the province of Batangas

## MATLAB demo conducted

The College of Engineering and Information Technology (CEIT), in coordination with the Techsource Computing Solutions Inc. headed by Ms. Khamille Jalya Bacongallo, conducted a demo on using the MATLAB software for the faculty, students and researchers at the CEIT Conference Room on May 10, 2018. The demo was part of the series of seminars and training projects of Engr. Sheryl D. Fenol in establishing a Simulation, Modelling and Measurement Laboratory (SiMM Lab) for the faculty and researchers to conduct research projects incorporating the use of simulation and modeling systems and methods. Integrating the MATLAB on coffee research as well as the control system in MATLAB for general engineering, connecting the COMSOL software, and interfusing MATLAB with automotive manufacturing works in the Philippines were also included in the demo.

More demonstrations, seminars and trainings are planned to be conducted using MATLAB and other softwares such as COMSOL, GAMS and NI LabView.

Techsource Computing Solutions Inc. is the sole distributor of MATLAB in the country offering trainings and demo of the said software. (RBJavier)



CEIT faculty and students are actively engaged in the talk of the Techsource engineer

## CAS-DBS, CvSU Bee Program conduct hands-on training on beekeeping

In line with the seminar and training series on beekeeping as part of their extension project "*Halina sa Bubuyugan, Tamis na Dulot ng Pulot at Pukyutan*", the College of Arts and Sciences – Department of Biological Sciences (CAS-DBS) and the CvSU Bee Program conducted a seminar and hands-on training on May 10 and 22, 2018 in Guyam Munti, Indang, Cavite.

Prof. Michele T. Bono and Prof. Dickson N. Dimero delivered lectures on rearing of stingless bees and different issues and concerns on stingless bees, respectively, on May 10. Well-participated by the residents, hands-on activities such as transferring of feral colonies into hive boxes,

(continue on page 2)



Prof. Dimero demonstrating the transferring of feral colonies

## IN THIS ISSUE

ES-TCD conducts training at Cavite FITS .....	2
CvSU-Carmona implements ARM .....	2
CAS-DBS faculty attend National Beekeepers Congress & 24th BEENET Philippines confab and techno-fora .....	3
NAST Luzon holds Annual Scientific Meeting 2018 .....	4

## ES-TCD conducts training at Cavite FITS

The Extension Services – Training and Courseware Division (ES-TCD) conducted various trainings at three FITS centers in Cavite. These activities are part of the project finalized in the previous meeting between ES and managers of the said FITS centers.

The “Training on Organic Pig Production” was held at FITS Tanza on May 23, 2018 attended by 31 trainees, some of whom are already pig raisers. Invited as trainor was Prof. Efraim Panganiban of the Animal Science Department, College of Agriculture, Forestry, Environment and Natural Resources (CAFENR). FITS Tanza staff, Mr. Domingo Austria, Ms. Celerina Guileño, Ms. Franchescka Gimenez and Mr. Angelo de Ocampo, assisted in the activity.

Meanwhile, the training on “Package of Technology on Vegetables Production” was conducted at FITS Mendez on June 14, 2018 led by Ms. Vilma E. Constante, FITS manager. Prof. Edgardo Gonzales of CAFENR was invited as trainor. Participants include 25 farmers, barangay officials and Municipal Agriculture employees.

The “Training on Indian Mango Processing” was held at FITS Alfonso on June 21, 2018 with FITS manager, Ms. Eugenia Mojica, as the lead person. Thirty-five members of different organizations in

(continue on page 3)



Trainors Prof. Efraim Panganiban (left) Prof. Edgardo Gonzales (middle) and Ms. Elvira Perlado (right) sharing technologies during the trainings

## CAS-DBS, CvSU Bee Program ...

(from page 1)



Prof. Dimero demonstrating the bao-technology, harvesting of pollen and honey, assisted by the DBS faculty members



collection of honey and pollen, and *bao*-technology were done on May 22. Two hive boxes were also donated to the barangay to start their own meliponary.

Continuous monitoring, assessment, and technical assistance to the community will be provided by CAS-DBS and CvSU Bee Program as part of their plan in converting Brgy. Guyam Munti as a bee-friendly community, and in promoting and extending beekeeping in the province of Cavite. (MTBono)

## CvSU-Carmona implements ARM

CvSU-Carmona, through its Extension Services Office, implemented its extension project, “Accessing community, Rendering services and Maintaining relationships” (ARM) at Brgy. Maduya, Carmona, Cavite on May 28 to June 1, 2018. This was spearheaded by its campus dean, Prof. Cristina M. Signo and the campus extension coordinator, Mr. Jonell V. Ocampo.

Faculty members served as resource persons during the various trainings conducted among the residents of the said barangay. Training on basic computer repair and maintenance, photo editing and graphic designing, homemade doughnut making and marketing strategies, and placement exam to 4P’s recipients were conducted. This was in collaboration with LGU-Carmona and Rotary Club of Carmona who donated funds for the conduct of the said activities.

The Department of Industrial and Information Technology, headed by Ms. Regene G. Hernandez, chairperson, facilitated the training on basic computer repair and maintenance, photo editing and graphic designing; while Ms. Jocelyn B. Siochi, chairperson of the Department of Teacher Education, facilitated the placement exam and orientation to 4P’s recipients.

Meanwhile, Ms. Joan Fortuna and Mr. Marvin Sibucan facilitated the training on homemade doughnut making, and discussed the product costing and packaging; Ms. Maria Andrea C. Francia, chairperson of the Department of Management,

(continue on page 4)



Prof. Cristina Signo, campus dean, receives funds from Rotary Club-Carmona for the conduct of extension activities

## OVPRE conducts...

(from page 1)

video presentation of the R & E milestones and plans of BatSU. Meanwhile, participants actively joined in the team building games and activities facilitated at Kamantigue Beach Resort, and had a closer look at the local heritage of Tanauan City through the *Museo ni Apolinario Mabini* and Tanauan City Library and Museum where the history of the province of Batangas is showcased.

Such an activity is believed to have been beneficial not only for the Unit but to the university as well. (MBEugenio)



The Lakbay Aral 2018 participants strike a pose after the teambuilding activity

## CAS-DBS faculty attend National Beekeepers Congress & 24<sup>th</sup> BEENET Philippines confab and techno-fora

Prof. Michele T. Bono and Prof. Dickson N. Dimero of the College of Arts and Sciences-Department of Biological Sciences (CAS-DBS) attended and presented papers at the National Beekeepers Congress and 24<sup>th</sup> BEENET Philippines Conference and Techno-fora with the theme, “*Pollination: the Essence of Bees to Sustain Life in a Protected Environment*”, held last June 27-29 at Big 8 Corporate Hotel, Tagum City, Davao del Norte. Aiming to update the participants on the latest trends and practices on beekeeping and pollination, the conference also served as a venue for delegates from higher education institutions (HEIs), DA-BAR, DA-BAI, DA-ATI, international beekeepers, BEENET members, researchers, and extensionists to congregate and showcase their latest technology in beekeeping.

Prof. Dimero shared the CvSU Bee Program and served as one of the evaluators for the national best tasting honey contest (*A. mellifera*, native honeybees and stingless bees categories), while Prof. Bono discussed the community-based beekeeping extension program.

### ES-TCD conducts ...

(from page 2)

Alfonso joined the activity. Ms. Elvira B. Perlado, Home Management Technician (HMT) of the University served as the trainer.

The said trainings were spearheaded by Dr. Lilibeth P. Novicio, Extension Services Director, with Ms. Lorna C. Matel, Regional Technology Transfer Coordinator of Southern Tagalog Agriculture and Aquatic Resources Research and Development Consortium (STAARRDEC) and Head, ES Technology Promotion Division, and Ms. Bernadette S. Amparo, Head, Training and Courseware Division. With them were Mr. Joselito Ersando, Agricultural Technician and Ms. Julita Mojica, Agriculturist II.

The conduct of trainings was based on the training needs submitted by the respective FITS centers to the ES office. (BSAmparo)

Among the guests during the congress include Dr. Enrico P. Garzon Jr., the DA Assistant Secretary for Livestock, Dir. Dante G. Esguerra of DA-ATI Region XI Center, Hon. Antonio Rafael del Rosario, Davao del Norte provincial governor, and Hon. Allan L. Rellon, Tagum City mayor.

Being one of the few SUCs in the country with a program that supports beekeeping, environmental concern, and social responsibility, Cavite State University was nominated as one of the possible venues for the 25<sup>th</sup> BEENET Philippines Conference and Techno-fora in 2019. This conference could help the University in promoting and showcasing beekeeping not only in Cavite and nearby provinces but also in the whole country. (DNDimero)



Prof. Dimero serving as one of the evaluators for the national best tasting honey contest (*A. mellifera*, native honeybees and stingless bees categories)



Prof. Bono discussing community-based beekeeping extension program

## ANNOUNCEMENTS

### RESEARCH PROPOSAL DEFENSE FOR FUNDING

- Where :** Hostel Tropicana  
(Social Sciences and Engineering)  
**STAARRDEC Conference Room**  
(Agriculture and Related Sciences)
- When :** **August 16, 2018**  
8:00 A.M. onwards
- Who :** All plantilla Faculty Members with relevant research projects duly endorsed by their College/Campus Research Units
- What :** Funding of research proposals under the **FSRCEP and CRG Funding Schemes**

#### Deadline of Proposals

including attachments  
August 7, 2018 8:00 A.M. sharp  
Please check the CvSU website for the approved format of research proposals  
(<https://cvsu.edu.ph/downloadable-forms>)

### OFFICE OF THE VICE PRESIDENT FOR RESEARCH AND EXTENSION

#### RESEARCH CENTER

#### RESEARCH CAPABILITY BUILDING WORKSHOP

July 25-27, 2018  
Hostel Tropicana, CvSU Main campus

#### EXTENSION SERVICES

#### UNIVERSITY EXTENSION PLANNING WORKSHOP

July 24-26, 2018  
International House I, CvSU Main campus

## NAST Luzon holds Annual Scientific Meeting 2018

The National Academy of Science and Technology (NAST) conducted an Annual Scientific Meeting for Luzon Cluster on May 09-10, 2018 at Royce Hotel, Clark, Pampanga. In line with the nation's sustainability and resiliency goals as recently echoed in the Philippines "AMBISYON NATIN 2040" (Matatag, Maginhawa, at Panatag), and the United Nation's Sustainable Development knowledge platform for 2018-2030, the Biological Science Division (BSD) of NAST has proposed the theme "Science and Technology-Enhanced Transformation for Sustainability and Resiliency (2018-2030)". The NAST Annual Scientific Meeting 2018 through Round Table Discussions (RTDs) and regional workshops/conferences shall consider science and technology-enhanced transformation of knowledge and research into potential goods and services for the Philippines' path towards sustainability and resiliency.

Attended by Dr. Yolanda A. Ilagan, director of Knowledge Management Center and Ms. Sheryl D. Fenol, manager of Knowledge and Technology Transfer Office, the two-day event

was composed of plenary and scientific poster sessions. The plenary session focused on the topics like *Sustainability and Resiliency, Affordable and Clean Energy, Sustainable Cities, and Sustainable Production and Consumption. (SDFenol)*



Dr. Yolanda Ilagan and Ms. Sheryl Fenol pose with other attendees

### CvSU-Carmona implements ...

(from page 2)

talked about sales and how to properly open and close a business deal; Ms. Valerie Osuna talked about marketing strategies and branding; Ms. Juliet Patria I. Nicolas, GAD coordinator, discussed gender sensitivity and finding capital and customers; and Mr. Carlo Emil B. Mañabo, campus research coordinator, discussed the topic on financial statement.

A total of 33 residents were trained on the said activities. Trainees of computer related skills were given a certificate of completion that can be used for job application. Nine (9) female participants who are members of Samahan ng Nagkakaisang Kababaihan of Carmona, Inc. (SNKCI) were trained on homemade doughnut making and its marketing strategies. Starter kits and initial capital were also distributed to the participants after the training. (JVOCampo)



Hands-on photo editing facilitated by Mr. Daryl Lyndon Supan and Mr. Jhumel Ignas



The participants of the training on homemade doughnut making together with the HRM faculty and students

### CALL FOR PAPERS

The Publication and Communication Division of the Knowledge Management Center (KMC) is accepting manuscripts for publication in the CvSU Research Journal and the Philippine Coffee Journal.

For inquiries, contact the KMC at telephone no. 415-0212 or send email to [cvsuresearchjournal@gmail.com](mailto:cvsuresearchjournal@gmail.com).

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