



CNSC Spectrum



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(1) Product exhibit during the DOST-PCARRD 6th Anniversary Celebration on June 28-29, 2017 at Los Baños, Laguna with ARMRD Director Rodolfo O. Ilaog and CNSC Study Leaders. (2) Project Leader Ms. Michelle S. Carbonell, presents CNSCs Research Project entitled Enhancing Productivity and Marketability of Queen Pineapple.



DOST-PCARRD funds the Research Program of CNSC

The Department of Science and Technology- PCARRD funded the Research Program of the Camarines Norte State College entitled, Enhancing Productivity and Marketability of Queen Pineapple. The Research Program includes Project 5 entitled, Development of Various Products from Queen Pineapple Wastes and has three components. Component 1: Feedstock Coal from Queen Pineapple Peel, Waste Leaves and Debris; Component 2: Queen Pineapple Bran as Feed Supplement for Native Chicken; and Component 3: Instant Multi-use Marinade Mix from Crude Bromelain Extracted from Queen Pineapple Wastes. These three components are under the respective responsibilities of faculty members of the institution namely: Dr. Sonia S. Carbonell, Dr. Lilibeth A. Rojas and Ms. Ma. Katrina M. Pobre. They function as the study leaders together with their project leader, Ms. Michelle S. Carbonell.

CNSC, as a Research & Development Station of the DOST-PCARRD, is working with its cooperating agencies the Labo Progressive Multi- Purpose Cooperative (LPMPC), DA- RFO 5, and LGU. The site of implementation of the project is at CNSC, CANR Labo, Camarines Norte. The Project is classified as basic and applied research. Its mode of implementation is single agency under the sector of Agricultural Resources Management/ Agricultural Ecosystem and its discipline is categorized as Waste Management and Utilization.

The general objective of Project 5 is to utilize the “Queen” pineapple farm wastes into various products such as feedstock coal, pineapple bran as fuel supplement and multi-use marinade mix. Each of the three components has its specific

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CNSC conducts 3rd international “Fascination of Plants Day”

This year marked the third year of Camarines Norte State College (CNSC) spearheading the International Fascination of Plants Day (FoPD) held last May 17-19, 2017 at CNSC Main Campus, Daet, Camarines Norte.

It was launched under the umbrella of European Plant Science Organization, Brussels (EPSO) which is celebrated in more than 60 countries since 2012 and joined 2,000 international institutions. In the Philippines, CNSC has been the partner and sponsor of EPSO, and Dr. Arlene Alegre, CNSC College of Agriculture and Natural Resources faculty and researcher as the country’s national coordinator.

This year, the event has three (3) main activities: Product Launching: Bio-Path, Seminar, Seminar – Workshop on Organic Seed Production and Banking, and the Garden Show and Agri-exhibit which was participated in by farmers, organic practitioners, peri-urban dwellers, faculty members and students from



(1) Product exhibit during the DOST-PCARRD 6th Anniversary Celebration on June

different CNSC Campuses and the Federation of Organic Practitioners of Camarines Norte (FOAP-CN).

During the Product Launching: Bio – Path last May 17, Engr. Arthur V. Martin, president and principal

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CSC spearheads Capacity Building Seminars

Equal Opportunity Principle for everyone as basis of sending out employees to a seminar is the main goal of Capacity Building Seminar on Learning and Development held at the CNSC Food Service Building on May 23 & 24, 2017 participated by the members of the Personnel Development Committee of each college/institute.

The seminar is in pursuant to Civil Service Commission Resolution No. 1601209 dated October 21, 2016, adopting the PRIME-HRM Maturity Level Indicators. It aimed to recognize the value of capacitating employees through Learning and Development interventions and to ensure the attainment of agency goals. It will also facilitate the preparation of necessary evidence requirements under PRIME-HRM Enhanced Maturity Level 2 Indicators which intended to rationalize the Training and Skills



(1)VPRE Arlyn M. Magana awards Certificate of Appreciation to CSC Provincial Director Rosalinni V. Moneda (2) Personnel Development Committee (PDC) members from each college/Institute with CNSC Capacity Building Seminars Facilitators CAO Manolo A. Carbonell, HRMO Martin M. Lukban and IPDO Emmalyn C. Guaves

Development of employees through a comprehensive Learning and Development Plan of the College.

CNSCs Chief Administrative Officer, Manolo A. Carbonell, Human Resource Management Officer, Martin M. Lukban and Institutional Planning and Development Officer, Emmalyn C. Guaves imparted their learnings on the 1st phase of the Capacity Building Seminar on Recruitment, Selection and Placement, 2nd phase on Performance Management, Rewards and Recognition and comprehensively facilitated the conduct of the 3rd and final phase on Learning and Development. The conduct of the series of Capacity Building seminars are necessary evidence requirements of PRIME-HRM.

CSC Provincial Director, Rosalinni V. Moneda shared useful insights to consider in planning for the required output. Participant's output was the finalized Learning and Development Plan of their respective unit for deliberation, consolidation approval and implementation. *(GA Delos Reyes)*

CAS prepares K12-responsive GEC

Anticipating the influx of K12 Basic Education Curriculum graduates in 2018, the College of Arts and Sciences (CAS) as the main campus' service college has been making efforts toward the updating of their existing General Education Curriculum (GEC) to cater the learning needs of the incoming freshmen. This is in response to the paradigm shift in the Philippine education system.

The new General Education Curriculum will start its implementation as part of the new curricula in all undergraduate degree programs in Academic Year 2018-2019. Based on CMO No. 20, series of 2013, the new GEC was reduced to a minimum of 36 units, distributed as follows: (a) 24 units of core courses, (b) nine (9) units of elective courses, and (c) three (3) units of the mandated course on Rizal's Life and Works based on RA 1425. The eight core courses are presented below.

	ENGLISH	FILIPINO
1	Understanding the Self	<u>Pag-unawa sa Sarili</u>
2	Readings in Philippine History	<u>Mga Babasahin Hinggil sa Kasaysayan ng Pilipinas</u>
3	The Contemporary World	<u>Ang Kasalukuyang Daigdig</u>
4	Mathematics in the Modern World	<u>Matematika sa Makabagong Daigdig</u>
5	Purposive Communication	<u>Malayuning Komunikasyon</u>
6	Art Appreciation	<u>Pagpapahalaga sa Sining</u>
7	Science, Technology, and Society	<u>Agham, Teknolohiya, at Lipunan</u>
8	Ethics	<u>Etika</u>

inclusion of the nine (9) units of GE electives in the next academic year is deferred in order to provide flexibility in the GE curriculum while the Temporary Restraining Order (TRO) issued by the Supreme Court on April 21, 2015 in effect. At the same time, HEIs must include Filipino and Panitikan as core courses in the GEC during the effectivity of the said TRO."

The 24-unit core courses, mandated course, Filipino and Panitikan are part of the subjects to be delivered by CAS in the next academic year as the service college in the main campus. Its General Education Curriculum department is headed by Jose Jr. A. Sapusao, MA.

Meanwhile, Rhodaviv V. Avila, MLL and Rose Ann DP. Aler, MAEd Fil presented the overview of the necessary revisions on the New General Education Core Courses. They attended the Faculty Training for the Teaching of the New General Education Core Courses: Second-Generation Training for Purposive Communication and Malayuning Komunikasyon, respectively, on April 24 to May 13, 2017 at Ateneo de Naga University.

Currently, the faculty members of CAS have been developing course syllabi for the new GEC courses. Atop of their objectives in the development is to ensure the alignment of each course to the General Education Outcomes provided by CHED. These competencies-based outcomes were categorized into: (1) intellectual competencies, (2) personal and civic competencies, and (3) practical responsibilities.

All efforts in updating the General Education Curriculum are under the supervision of the college's Dean, Dr. Rosalie A. Almadrone. *(MI Jalgalado)*

However, based on a CMO issued on July 11, 2017, "the

OVPRE leads 3-day Training-Workshop on New Software: SSR, IBank, and ITeM

The Office of Vice President for Research and Extension (OVPRE) organized the conduct of the three-day training workshop on Simplified Statistics for Researchers (SSR) and Item Banking (IBank) and Test Item Formulator (ITeM) on May 29-31, 2017 at the CNSC Social Hall.

The new administration continues to encourage research and extension outputs among its faculty and staff. Research capabilities can be improved with the provision of research resources which is necessary to encourage and develop research culture. With this end, Dr. Arlyn M. Magana, the Vice President for Research and Extension, led the conduct of the said training-workshop, as she presented the mechanics and the expectations from the participants coming from respective colleges and institutes. The event was also privileged with the presence of Engr. Cesar B. Bermundo, SSR & IBank Author and Software Developer, who served as the discussant in this three-day training workshop.

Engr. Bermundo facilitated the discussion and workshop on Simplified Statistics for Researchers (SSR), a user-



(1) Participants proudly showing their workshop outputs on the use of the New Software: SSR, IBank and ITeM.
(2) VPRE Dr. Arlyn M. Magana awards Certificate of Appreciation to Dr. Cesar B. Bermundo, SSR and IBank Author and Software Developer.

friendly software that aids statistical computations essential for research. It features various tools in computing Descriptive Measures, Tests of Hypothesis, Correlation and Regression Methods, etc. which are commonly used by researchers. The participants had series of hands-on workshop on how to operate the said software and its features.

Item Banking and Test Item Formulator, the two correlated productivity enhancing software, were also introduced. These are essential for instruction as they store test questions (multiple choice, and true or false categories), identify cognitive domains (necessary in Table of Specification (TOS), analyze quality of test questions (item analysis), and automatically create the examination sheet.

The three-day training-workshop culminated with the submission of the printed workshop outputs of the participants using the said software. Hence, it was able to cater an effective assistance for the two of the four core functions of the college: research and instruction; as SSR is relevant to those interested in research, and those with on-going researches, while Item Banking and Test Item Formulator are necessary tools in the instruction function of every faculty member. *(JT Hernandez)*

CBPA joins 4th Youth Entrepreneurship Congress

The 4th Regional Youth Entrepreneurship Congress sponsored by Camarines Sur Chamber of Commerce and Industry, Inc. (CSCCI, Inc.) held on May 23, 2017 in Naga City. It was attended by the officers and members of CSCCI, Inc. and SUCs/LUCs in Bicol Region composed of Ateneo de Naga University, Camarines Norte State College, Universidad de Sta. Isabel, University of Nueva Caceres, Naga College Foundation, Regina Mondri College, Central Bicol State University of Agriculture and Mariners Polytechnic College.

Raymond Concepcion, President of CSCCI, Inc. discussed the importance of the said congress for business students. He presented the 4th RYEC Campaign Brief which was conducted on August 25 -26, 2017 at Camarines Sur Convention Center. The event was in cooperation with the Provincial Government of Camarines Sur, Rotary Club of Naga and CSCCI, Inc. Various young speakers for the 2-day event inspired future



RYEC Congress Chair Ms. Marilie Bacsain and CSCCI President Mr. Raymond Concepcion presenting the rationale of the event, CBPA Dean Dr. Nora J. Macasinas and CBPA Faculty Dr. Gehana D. Lamug with Dr. Agapito C. Rubio, Jr. from AdNU.

entrepreneurs of CNSC to pursue business opportunities. The linkage between CSCCI, Inc. and CNSC helps to strengthen the BS in Entrepreneurship program and to mainstream business ideas of the students and develop their entrepreneurial minds. *(GD Lamug)*

CNSC conducts....

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researcher scientist – Global Infection Control Consultant (GICC), LLC USA and Dr. Alegre, coordinator of Bio – Path (Philippines) presented the product. After the presentation, an open forum was facilitated by Michelle S. Carbonell, director of CNSC Research Services. A seminar – workshop on organic seed production and banking was facilitated and discussed by Agricultural Training Institute (ATI) Regional Office V on the same day.

The second day of the event was the continuation of the discussion on graphic seed production and another topic, organic seed banking was discussed by trainers from BPI- Los Baños. The last day of the event was a talk on herbal processing and utilization discussed by Marilyn C. Puato, representative from Department of Agriculture – Daet. Puato of DA – Daet and Caridad Camba, coordinators of their respective institutions were the partners of CNSC FoPD in facilitating the said event.

(NC Gange)

CNSC sustains Participatory Planning and Budgeting effort



CNSC Administrative Officials headed by College President Dr. Rusty G. Abanto with representatives from students, alumni, teaching and non-teaching personnel during the Participatory Planning and Budgeting Workshop in Pansol, Laguna.

The In-House Planning and Budgeting Workshop conducted last June 6-8, 2017 at Sol Y Viento, Pansol Laguna was conducted in preparation for FY 2018-2019. This was the first Planning and Budgeting Workshop initiated by the 5th President Dr. Rusty G. Abanto in response to the pressing issue on Low Budget Utilization Rate, with the end of producing an Operational Budget for 2018. This concept of early planning will address the issues on late implementation of programs, projects and activities.

Administrative Order No. 56, series of 2017 calls the attention of all the

stakeholders from the students, alumni, teaching and non-teaching personnel of the institution to have an active involvement in the planning process. Considering the limited resources of the college, it is necessary to effectively and efficiently allocate the scarce resources to address the present needs through prioritization of programs, projects and activities based on seriousness, urgency and growth potential of the plan, as long as it is aligned with the mandated thrust of the CNSC Strategic Development Plan and Bicol Regional Development Plan 2017-2022.

Participatory planning approach has been the practice of the Institution to revitalize the ownership and to empower heads of units, from deans and campus directors through direct involvement in the planning process to execution of the plans into tangible outputs.

Presentation of budget to the Finance Committee ensures that the plans being laid down will respond to the target milestone of the college on achieving a Center of Development or Excellence of their respective programs to a premier Higher Education Institution in the Bicol Region. **(EC Guaves)**

DOST - PCCARD..

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Project Leader Ms. Michelle S. Carbonell with Study Leaders Ms. Kathrina Pobre, Dr. Lilibeth A. Roxas and Dr. Sonia S. Carbonell.

objectives. Component 1: Feedstock Coal from Queen Pineapple Peel, Waste Leaves and Debris seeks to: first, determine the potential of pineapple peel, waste leaves and debris as feedstock coal based on burning efficiency, length of consumption, moisture content, density, weight of ash and physical appearance (

texture of feedstock coal and color of ash); second, assess the potential of sweet potato peel starch, cassava peel starch and Nami starch as binders for feedstock coal production; third, determine the best treatment combination using Queen pineapple wastes and binders in various proportion; and lastly, to conduct economic analysis of the product. Component 2: Queen Pineapple Bran as Feed Supplement for Native Chicken has three specific objectives. First, to evaluate the effect of Queen pineapple bran on the growth performance of native chicken (e.g. feed consumption, feed conversion ratio, mortality rate and weight); second, to determine the optimum level of pineapple bran supplementation in native chicken and third, to determine the economic benefits of using pineapple bran as feed supplement for native chicken. Component 3: Instant Multi-use Marinade Mix from Crude Bromelain Extracted from Queen Pineapple Wastes

aims to determine the amount of crude extract that can be generated from butterball-size fruit, peel/eyes and core; to determine the shelf life and food safety quality of Queen pineapple marinade mixes; to develop packaging materials for Queen pineapple crude bromelain extract in marinade mix; and to conduct economic analysis for the developed product.

Completing this undertaking will contribute not only to the Camarines Norte community but also to the whole country as it leads to the advancement of ecological agricultural waste management, reduction of greenhouse gases, maximum utilization of resources and promotion of energy-efficient and environmentally-sound technologies. Furthermore, realizing this endeavor would also generate revenue and create new job opportunities in the province. **(MI Bernardo)**

CNSC: as ONE Peer Educators

The Provincial Health Office of the Province of Camarines Norte conducted a Peer Education Training 2017 regarding STI, HIV-AIDS awareness last June 28 -30, 2017 at Paseo de Bienvenidas, Brgy. Mantagbac, Daet, Camarines Norte with the theme: "We stop the infection through education". It aims to promote awareness regarding the HIV-AIDS infection and create peer educators who will help promote awareness to the youth and to the community.

In response to this, the Camarines Norte State College sent eight (8) teaching and Non-teaching personnel from different college/institute to attend the said training. Ample information on HIV-AIDS infection, how one will get infected and how to prevent it.



From L-R: (L) The CNSC Teaching and Non-Teaching Personnel attendees to the Peer Education Training 2017. (R) The elected officers of Peer Educators 2017 batch 2 with Ryan S. Rodriguez from CNSC CANR as the newly elected President.

On the last day of the training, an election was conducted for the new set of Peer Educators Officers 2017, and Ryan Rodriguez from CANR was elected as President.

The participants were equipped with relevant knowledge to spread awareness and to fulfill their mission as PEER EDUCATORS. **(JV Asutilla)**

IFMS conducts GAD workshop on language use



(1) Dr. Manuel Alberto awards Certificate of Appreciation to Dr. Gehana D. Lamug CNSC Gender and Development Chair. (2) Thumbs up to a gender sensitive language to be used in teaching for better interaction with students.

The CNSC Institute of Fisheries and Marine Sciences held an activity on Gender and Development Workshop on Language Use on June 29, 2017. Participants on the said activity were the student council, selected students, faculty and staff of IFMS. Dr. Gehana D. Lamug, CNSC Gender and Development chair served as resource speaker of the event.

This complies with CHED memo order no. 1 series of 2015 section 1 Curriculum Development, gender stereotypes and images in educational materials and curricula should be adequately revised and gender -sensitivity language should be used at all times. In addition according to PCW, NEDA and DBM Joint circular no. 2012-1 series 2012 under 4.2 Capability Building on Gender and Development as such, agencies are required to regularly undertake orientations and capacity development on their GAD employees.

IFMS had been supportive of GAD activities under the former coordinator John Gerte Panotes, its new coordinator

Ms. Alin D. Quibrall and OSS Chair Francel M. Bertillo with the support of Campus Director Dr. Manuel B. Alberto. The activity transforms gender biases in education through gender-sensitive practices of educators. By using gender -sensitive language in teaching, educators can make great strides towards alerting and sensitizing students to the biases that plague men and women. The influence of educators on gender roles of their students immensely affects their educational outcomes as well as their roles in the society.

The workshop updates the faculty members on some of the current thinking on gender issues in schools, certain tips and suggestions to appropriately express gender relationship as in teaching and their interaction with their students. Further, it enhanced the participants' mind to be open minded and more responsive on gender awareness and appropriate language use. **(FM Bertillo)**

CNSC helps people of Marawi

The Camarines Norte State College, thru the leadership of the College President Dr. Rusty G. Abanto, supported the campaign dubbed as "Pagmakulog sa Sadiri" initiated by 902nd Infantry Brigade of Philippine Army based at Camp Busig -on, Barangay Tulay na Lupa, Labo, Camarines Norte commanded by B/Gen. Rolando C. Manalo. The program generated donations for the people affected by the on-going war in Marawi City and Lanao Del Sur.

The Public Information & Community Relations Office disseminated and facilitated the call for help to the CNSC teaching, non-teaching personnel and students. In a short notice but with the innate desire to extend assistance, the CNSC faculty, staff and students give food packs such as noodles, coffee, milk, milo, sardines, biscuits, hygiene kits such as tooth paste, mouth wash, tooth brush, lotion & sanitizer, diapers, used clothings and cash donation.

Said reliefs were personally received by the officers of 902nd Brigade Philippine Army , Captain Florent G. Casilla and Sgt. Joseph P. Primavera, from CNSC PICRO last June 30, 2017 as they, in return acknowledged the CNSC administration and community for the immediate support to the said initiative. **(AB Dongon)**

CBPA participates in the Cooperative Development Authority (CDA) Consultation Conference

The Camarines Norte State College (CNSC), College of Business and Public Administration (CBPA) participated in the Cooperative Development Authority (CDA) Consultation Conference on April 26, 2017 at CDA Office in Quezon City. The consultation on cooperative research agenda is a part of CDAs continuous empowerment to cooperatives. The activity aimed to come up with Cooperative Research Agenda where cooperative development stakeholders involved in research and development could focus their research studies and efforts. The activity is also an opportunity to build partnership between and among the CDA and Academe on Cooperative Education.

CDA Executive Dir. Ray R. Elevazo wherein he elucidated Cooperatives Research and Development: Sharing of Initiatives in a participatory technique. The difficulties encountered by cooperatives such as absence of a system of education, training and research; incongruent system of financial support in coops; and, absence of a system for delivery of technical assistance to micro and small coops in product development, production and marketing.

CDA Administrator, Dr. Eulogio T. Castillo explained about cooperative research and Cooperative Research Agenda was undertaken. CDA

Administrative Mercedes Castillo talked on Building and Strengthening Partnership of CDA and SUCs/Private Colleges on Cooperative Education, Research and Extension. He also tackled about other Cooperative Development Programs and Concerns which led into the sharing of the Concept of Philippine Cooperative Education System. The CDA proposed partnership with the academe to promote cooperativism and cooperative education among the universities and colleges; recognize universities and colleges as partners in the conduct of Training of Trainers among the pool of trainers of the Accredited Cooperative Training providers; recognize where Memoranda of Agreement (MOA) were forged. Finally, the participants commit to send to CDA their institutions' profile relative to cooperative development program, and their intention to initiate partnership with the Cooperative Development Authority. The participants arrived at these objectives to determine what academes are doing in terms of cooperative education and research; what they need to intensify cooperative research; identify cooperative research agenda where cooperative stakeholders can dovetail their activities; and identify areas of collaboration and partnership among CDA and SUCs. **(CS Fajardo)**

2 phases of CoEd new academic building, ready for use



Newly constructed academic building in the College of Education

The College of Education (CoEd) had its share in the institution's massive infrastructure project with the construction of a two-storey academic building.

Phase 1 has two (2) rooms, located at the ground floor, and had 3 million budget allocation since its inception in

January 2016 to September 2016. Phase 2, with 8 million funding partially covers the ground floor which has four (4) rooms, and another two (2) rooms at the second floor, started its construction in June 2016 to December 2016. The edifice has an area of 9.0mx 7.70m each room is now being used by the faculty and students. Phase 3 of the said structure, with estimated cost of 6 million will house four (4) rooms at the second floor, with provisions for stairs and comfort room and is expected to finish last quarter of 2017.

Engr. Romulo Z. Villafuerte is at the helm as the site engineer, with Engr. Nelia O. Llena as the Physical Facilities Development Section Head.

(NC Puse & BV Musa)

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ABOUT THE LOGO



Spectrum is a condition that is not confined to a specific set of values but can vary infinitely within a continuum; thus, its colorful depiction in this logo, which ultimately forms the CNSC pentagon. The wide array of colors represents the different campuses and their programs and activities; all within the pentagon, which contribute to the holistic image of CNSC. The paper, pen and camera icons represent the identity of this publication - clear and honest reporting.

Regardless of the color, the College's undertakings will be reflected in this paper. Hence, the name, CNSC Spectrum.

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