



CNSC Spectrum



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NEDA RO V OIC Director speaks at CNSC's 23rd Commencement Exercises



(from left) Atty. Franklin L. Suyat, Alumni Trustee, Dr. Emilia L. Bergonio, Faculty Trustee, Dr. Monsito G. Ilarde, College President, Hon. Agnes M. Espina, OIC Director of NEDA RO V and Atty. Jose M. Espanol, Private Sector Trustee looks on to the graduates under the summer heat.

Hon. Agnes M. Espina, OIC Director of NEDA RO V and member of the CNSC Board of Trustees, delivered the commencement address to the 1,399 graduates of CNSC's 23rd Commencement Exercises on April 8, 2015 held at the CNSC Main Campus.

Espina's message centered on the theme "2015 Graduates: Meeting the Challenges of ASEAN 2015 Towards Economic Growth and Development". Onset,

she congratulated the class of 2015 and everyone who supported the graduates throughout their college years. She then gave a backgrounder on what ASEAN 2015 means, its implications to the Higher Education Institutions (HEIs) such as CNSC and discussed the three points raised by University of the Philippines President Alfredo Pascual in integrating a curricula that are consistent with the ASEAN

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CNSC faculty member ranks 2nd in LEA



Rohilyn B. Egle poses for her graduation photo.

Rohilyn B. Egle, a faculty member of Labo Campus passed the Licensure Examination for Agriculturist (LEA) held on June 2-4, 2015. Out of the 6000 examinees nationwide, she ranked 2nd among the 1,880 passers. Egle joined the CNSC workforce in June 2014, months after she finished her Master's

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3 research outputs go international

CNSC's target for international paper presentation this year was exceeded by 300% when three papers of some faculty researchers were presented in the International Gendered Development Intervention Conference on May 21-23, 2015 in Mindanao State University-Iligan Institute of Technology (MSU-IIT),

Iligan City, Philippines.

Participation in this conference as paper presenters was taken as an opportunity to disseminate the results of the following

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IPOPhil grants registration to 2 Utility Models from CNSC

The Intellectual Property Office of the Philippines (IPOPhil) granted registration to 2 Utility Models (UMs) application from CNSC through the works of Dr.

Lilibeth A. Roxas, Extension Services Director of the College.

The research studies are titled, "Chocolate Brownie Composition Using Chocolate Powder from

Rambutan Kernels" and "Chocolate from Rambutan Kernels". Their respective corresponding IPO application numbers are IPO Application Nos. 2-2015-000254 and IPO Application

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Construction of College Pavilion starts in Q4

After the invitation to apply for eligibility and to bid was released by CNSC Bids and Awards Committee (BAC) for the College Pavilion last June 3, the construction of what's envisioned to be a distinctive landmark in the region will start in the fourth quarter of the year.

With the Approved Budget for the Contract (ABC) of P59,594,272.05, BAC released its timetable for its activities to ensure the start of the pavilion's construction before the year ends:

Covering a total area of 480 sq. m.,

Schedule	BAC Activities
June 3-29	Submission of the Letter of Intent
June 5-26	Issuance of Bid Documents
June 15	Pre-bid Conference
June 29	Opening of Bids
June 30-July 5	Evaluation of Bids
July 6-7	Post Qualification
July 10	Recommendation for Award



A miniature perspective of CNSC Pavilion

the Pavilion is perceived to become the college's hallmark of accomplishments and services. It shall also serve as an income-generating project. Sixty square meters of its area in the ground floor will be used as commercial spaces open for rent, while an Amphitheater and a dormitory type hostel will be found in the second floor.

The construction of the project shall start once all the pre-engineering documents are completed. - *Marianne Mae I. Jalgalado, CAS*

CNSC faculty member...

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degree. She finished BS Agriculture major in Agronomy in U.P. Los Banos. Few years later, she pursued MS Agronomy major in Crop Physiology, minor in Molecular Biology and Biotechnology in the same university. As part of her responsibility as a DOST scholar, serving the people is not just a requirement but a commitment. Opportunities from outside the country and private sectors will have to wait because public service is her priority. With the cooperation and expertise of all faculty members, she believes that uplifting Agriculture graduates in CNSC is more than possible.

- *Ana B. del Mundo, CBPA*

CNSC braves another round of AACCUP Accreditation



Dr. Marciano B. Apilado, the AACCUP Team Overall Coordinator hands over the envelope of recommendations to Dr. Monsito G. Ilarde, CNSC President.

All five programs which were evaluated by the Accrediting Agency of Chartered Colleges and Universities of the Philippines (AACCUP) during their Preliminary Survey Visit on April 14-17, 2015, passed and are now awarded the candidate status valid for two years - May 1, 2015 until April 30, 2017.

The academic programs evaluated were Bachelor of Science in Business Administration (BSBA) major in Human Resource Management and major in Financial Management, AB in English Language and

AB in Mathematics in the College of Arts and Sciences, and Master in Business Administration in the Graduate School.

Among the AACCUP team members were Dr. Marciano B. Apilado, AACCUP Team Overall Coordinator, and from Dr. Romeo N. Paldez and Dr. Modesto M. Maniable, who all came from Northwest Samar State University (NwSSU).

The said accreditors started the accreditation with a courtesy call at the Office of the President followed by an Opening Program held at the Food Service Management

Building at 8:30 AM. Dr. Rusty G. Abanto, VP for Academic Affairs gave the Welcome Address, the dynamic College President, Dr. Monsito G. Ilarde, delivered his inspiring message and Dr. Godofredo E. Peteza, Jr., the VP for Administration and Finance presented the CNSC officials. Likewise, the Local Accreditation Task Force were presented by Dr. Nora J. Macasinag, Dean, College of Business and Public Administration, Prof. Elsa T. Manlangit, Dean, College of Arts and Sciences, and Dr. Rusty G. Abanto, Dean of Graduate School.

Dr. Marciano B. Apilado, AACCUP Team Overall Coordinator, presented the accreditors and stressed that the visit is aimed at helping the College keep on improving its services, particularly its academic programs.

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CNSC gearing towards outcomes-based education

OBE will soon be adopted in the College in accordance with CHED's Memorandum Order No. 46, S. 2012 which states the policy standard to enhance Quality Assurance (QA) in the Philippine higher education.

"Our priority is to share with the Deans and Campus Directors how OBE can be integrated in our curriculum, also to inform them about Transnational Education and to lead in the review and enhancement of the existing curricular programs. These pieces of information shall be relayed to all Deans and Campus Directors during academic staff meeting for their information and appropriate action," Dr. Rusty G. Abanto, VP for Academic Affairs shared when asked how the knowledge he has gained from the Conference on Outcomes-Based Education and Transnational

Education held on May 7 - 8, 2015 at the Crown Legacy Hotel Baguio City, that he and the College President Monsito G. Ilarde attended can be put to use.

OBE is a teaching delivery system where the curriculum topics are expressed as the outcomes students are intended to learn. Teaching is designed to directly encourage teachers to achieve those outcomes and reflect on the learning process with assessments undertaken. In this approach, teachers act as facilitators and teachers take responsibility and participate actively (City University of Hongkong, 2007).

The two day conference was sponsored by the Ifugao State University (IfSU) together with Palawan State University (PSU), Euro College (EC) and International

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NEDA RO V OIC Director speaks.... *from page 1.*



The 2015 graduates and their parents. Of the 1,399 graduates, Ma. Angelica M. Ella, a BS Biology student, bagged the honor of Magna Cum Laude with her 1.32 general weighted average (GWA). While Edgardo B. Lamadrid, BS Accountancy and Joey M. Portugal, Bachelor of Elementary Education got the honors of Cum Laude with their 1.52 GWA.

2015 qualifications framework requirements.

The first is the need to "move from comprehensive lineup of programs to niche programs". According to her, "CNSC offers diverse undergraduate programs, but it must choose a niche of learning that would distinguish itself from the rest. " The consistent successful passers in Electrical Engineering and Master Electrician were highlighted in her speech, thereby saying that CNSC is "an institution that is living up to its commitment of producing quality graduates".

Next is the need for a multidisciplinary approach in addressing big challenges. "The key is collaboration", she said. She further explained that "programs that higher education institutions offer should make students develop a good understanding of how their area of specialization relates, supports, and is supported by other fields." According to her, "this is one way to ensure the adaptability of graduates in the international workforce".

Lastly, she emphasized the need to develop and increase the number of "competitive programs for student mobility," which provides opportunity for students to work or study abroad while undertaking their degree program

– whether undergraduate or postgraduate. This strategy, according to her, "will help develop the capability of local students to deal with other cultures and give them a head start as they prepare for leadership in an integrated ASEAN region".

She summed up her message by reiterating that the key for the internationalization of Philippines' HEIs is through collaboration among the education sector, government and private sectors, and the general public. "Seek out, connect and network", she recapitulated.

In closing, she issued a challenge to the graduates by saying that it is not the sole responsibility of the institution to make itself known in the national and global arena. They have a role to play to make the institution known through their name, just like what other alumni have done. "That would be your gift to your alma mater," she added. "Doing so is putting your college in the field of best performing schools, thus making it known. And when your school is known, more students would want to experience the same learning you had that led you to succeed. That, my dear graduates, is an approach in internationalization," the OIC Director stressed. - **Ma. Theresa B. de Panes, CAS**

CNSC-GICC partnership ready for take off

Resolution No. 16, S. 2015 of the CNSC Board of Trustees confirmed the Memorandum of Agreement (MOA) between CNSC and Global Infection Control Consultants (GICC) for field testing of GICC product for agriculture during the 118th Board Meeting last June 17, 2015 in Villa Caceres Hotel, Naga City.

With MOA already approved, Dr. Arlene C. Alegre said that they can now start conducting a full-

blown research in testing the affectivity of Path-Away® Anti Pathogenic Solution in the elimination of insect and fungal problems in pineapples, coconut trees, cherry tomatoes and strawberry. "I have already done initial testing in 2014 to a limited number of pineapples and coconut trees in order to come up with a good methodology for the study, and the results are encouraging. However,

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CNSC braves another round of AACCUP Accreditation

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After the opening program, everyone proceeded to the Accreditation Center at the Graduate School Building for the evaluation of documents.

The CNSC Accreditation Task Force was composed of Dr. Erlinda J. Porcincula, Dr. Arlyn M. Magana, Dr. Nora J. Macasinag, Dr. Erlinda Jiz de Ortega, Dr. Sonia S. Carbonell, Dr. Job Imperial and Engr. Aser Dino. The task force together with other working committees performed their best during the visit.

The survey team assessed ten (10) areas namely: I-Vision, Mission, Goals and Objectives; II-Faculty; III-Curriculum and Instruction; IV-Support to Students; V-Research; VI-Extension and Community Involvement; VII-Library; VIII-Physical Plant and Facilities IX-

Laboratories; and X-Administration.

"The next step for these programs would be to apply for the First Formal Survey Visit so they can be re-evaluated, if they pass then they can be awarded with Level I Accreditation which will be valid for 3 years", Dr. Rusty Abanto said. In the accreditation process, there are 4 Formal Visits that a program has to undergo and pass which corresponds to the different levels of accreditation - Level I, II, III and IV. "Currently we have more than 20 academic programs which are already AACCUP accredited. Once all the programs in the College have been accredited, we will have the option to apply for the institutional accreditation status", Dr. Abanto explained.

- Nora J. Macasinag, Ph.D.



The accreditors and the corresponding counterparts during the review of the documents.

IPOPhil grants registration to 2 utility models from CNSC....

from page 1.
Nos. 2-2015-000255.

"Since the UMs are already registered, I can now disclose, present or publish my researches", Dr. Roxas said. She also explained that these registrations are great motivators for researchers like her since this is the first time that CNSC got this far in terms of application for Intellectual Property Rights (IPR).

Dr. Arlyn M. Magana, VP for Research and Extension, added that her office together with Dr. Roxas and the CNSC officials are working on the required documents and processes to be undertaken before the said UMs are certified. "Right now, we are in the process of having the research studies published in a CHED accredited research journal as suggested by President Ilarde", Dr. Roxas furthered.

A UM is an intellectual property right to protect inventions from being commercially used without the authorization from the inventor, for a limited period. In the Philippines, the protection is for seven years from the date of filing with no possibility of renewal.

- Ma. Theresa B. de Panes, CAS



The raw material - rambutan kernel and the finished product - chocolate powder.

New CRs ready for use; Student Park on process



The completed Centralized Comfort Room stands proud in front of Administration Building

A Centralized Comfort Room at Camarines Norte State College (CNSC) Main Campus was recently completed and was made open to public on the day of the commencement exercises on April 8, 2015. This P1.3M worth of project is comprised of two modern and state-of-the-art comfort rooms, one for males and the other for females. Living up to its name of being a comfort room, each set contains cubicles and lavatories which can accommodate up to 10 persons at a time.

“The over-all appearance of the comfort rooms looks hotel-ish”, a student quipped. “These comfort rooms are easier to maintain and we hope that students and other users will do their share in taking care of these kinds of facilities”, a utility personnel seriously added.

Meanwhile, the establishment of Student Park at the heart of CNSC Main Campus has just started last April, 2015 under the management of the Department of Public Works and Highways. Amounting to P3M, this project starts with the construction of four mini-pavilions which shall serve as student

nooks that will accommodate students during their vacant hours. The Student Park are located in between the IT and CAS buildings.

“I’m so excited for these student nooks. Finally, I will have a place to stay during heavy rains or just when I just want to take some time to rest”, a student excitingly shared. These nooks will also be a good venue for academic and non-academic activities of students like group meetings. “I constantly believe that providing our students with decent and friendly facilities will encourage them to do better with their co-curricular activities. Rest assured that CNSC students will be provided with more projects like this”, the College President proudly said.

- Engr. Roger Jay L. de Vela



The on-going construction of the Student Park.

ISO Certification set on December

ISO Certification is set on December. This is among the outputs of the ISO Consultation Workshop held on June 1-2, 2015 at the CNSC Graduate Building, made possible with the assistance of ISO consultant, Ms. Helen Alian Evalle of the HAE Consultancy and Training Services.

According to Engr. Roger Jay L. De Vela, CNSC’s Quality Management Representative (QMR), the outputs of the said workshop other than the target date of ISO Audit/Certification are the Preparatory Activities relative to ISO Audit like: 1) Internal Quality Audit Training; 2) Internal Quality Audit; 3) Management Training; 4) Mock Audit; and 5) Certification Audit.

“In our Strategic Development Plan, ISO Certification is scheduled on 2016, but since we are doing it in advance, once all the requirements are prepared and complied, CNSC will be one year ahead of its target”, Engr. De Vela stressed.

De Vela has requested for a quotation from TUV-SUD to finalize the schedule for the December 2015 ISO Audit.

“Through this workshop, efforts for ISO Certification is close at hand.” QMR De Vela concluded.

- Sigfred V. Aler, CAS

CNSC gearing towards outcomes-based education

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Distance Education Accreditation League (IDEAL) and attended by more than 350 participants from different state college and universities all over the country provided a platform for educators to learn and share with each other the challenges posed by outcomes-based education (OBE) and transnational education (TNE).

The conference enhanced the knowledge of the participants on how OBE can be integrated in the educational system and how a shift from input based traditional education to outcomes-based can be done. Discussed during plenary sessions were topics that included: RA 10650: Open Distance Learning Act of the Philippines-Opportunities and Challenges delivered by Hon. Roman T. Romulo, Chair of the Committee on Higher and Technical Education; Outcomes-Based Education in Macedonia by Dr. Ljubisha Petrusevski, President Euro College Kumanovo; Outcomes-Based Education in the Philippines : Issues and Challenges by Dr. Romulo H. Malvar, OIC, Office of the Director IV, CHED-CAR and Trailblazing Experiences on Open and Distance Learning by Dr. Joanne V. Serrano, Associate Professor, UP-Open University.

Similarly, concurrent research presentations were held which focused on the following: Session 1: Outcomes-Based Education, Session 2: Transnational Education. ASEAN and Others, Session 3: Education 1, and Session 4: Education 2.

- Regine O. Santos, CAS

Budget Office spearheads Technical Budget Hearing with DBM



DBM Representative, Ms. Belle Regaspi discussing the Budget Memorandum during the Technical Budget Hearing with DBM in CNSC.

The Technical Budget Hearing (TBH) Team of the Department of Budget and Management (DBM) visited the Camarines Norte State College (CNSC) on May 11-13, 2015 to disseminate new circulars and orders as well as to check the status of the program implementation of CNSC.

DBM's Mr. Amadeo Lorilla gave an update on Online Submission of Budget Proposals (OSBP) and explained the National Budget Circular No. 556 which refers to the Guidelines on the Release of Funds for FY 2015 with Special Provisions and General Provisions. Ms. Alma Talan discussed Administrative Order No. 46 titled Measures to Facilitate Budget Execution for FY 2015. On the other hand, Ms. Belle Regaspi presented the National Budget Memorandum Nos. 123 and 124 titled Budget Call for FY2016 and Budget Priorities Framework for FY 2016 Education Sector respectively. An open forum followed the presentations.

For CNSC, Dr. Monsito G. Ilarde, presented the Status Report of 2013 and 2014 Program Implementation. Particular focus was given to the infrastructure projects from Fund 101 and Fund 164. Engr. Roger Jay L. de Vela, Planning Officer, discussed the status of 2015 Program Implementation, while Ms. Emma H. Sumaway, Budget Officer, talked about the FY2016 Budget Proposal.

The DBM TBH team also conducted site inspection of projects in the different campuses of CNSC. Among those which were visited other than the Main Campus were Labo, Mercedes, Entienza, and Abaño campuses.

The last day was dedicated for the exit conference wherein findings on the evaluation of the physical and financial aspects were presented. All queries from the DBM-TBH team were responded to by the Budget Office and other officials of CNSC. According to Mrs. Sumaway, "Disbursements should not be delayed. Appropriations



Mrs. Emma Sumaway, Budget Officer presenting the FY2016 Budget Proposal (left) and Engr. Roger Jay de Vela, Planning Officer discussing the status of 2015 Program Implementation (right) during the TBH with DBM.

must be expended within the year. Low disbursement will mean low performance." Moreover, she stressed that the visit strengthened the public service of the CNSC Budget Office. "It shows the institution's readiness to build a culture of competitiveness, observing transparency and performing above and beyond than what is expected," she furthered.

- Ana B. del Mundo, CBPA

CNSC conducts 1st organic agriculture forum and 3rd fascination of plants day



Participants from ATI-Leyte posing with the resource speakers.

The Fascination of Plants Day is sponsored by CNSC since 2013 under the European Plant Science Organization (EPSO), an independent academic organization based in Europe. This year, the Provincial Government of Camarines Norte, Department of Agriculture, The Federation of Organic Agriculture Practitioners of Camarines Norte and the Agricultural Training Institute (ATI) ROV collaborated with CNSC and paved way for the success of the activity. The 1st Organic Agriculture Forum and 3rd Fascination of Plants Day Celebration with the theme "Promoting the well-being of every family through organic agriculture" was held on June 2-3, 2015 at the Camarines Norte Agro-Sports Center, Daet, Camarines Norte.

The twelve (12) municipalities of the province sent representatives to the event. Central Bicol State University for Agriculture (CBSUA) also participated headed by Dr. Lorena A. Hernandez and Dr. Gilda De Asis. With ATI-Leyte delegates who attended the lectures before heading back to their place.

Fascinating plants were showcased through exhibits and booths by different units, including Camarines Norte State College, SPACFI, CBSUA, Labo Multi-Purpose Cooperative and various municipalities. Each booth showcased organic products like different varieties of fruit-bearing trees, organic herbs and medicinal plants as well as root crops, slippers made from abaca, pure honey from the Itas, flowers made out of recycled paper materials, pillows, pili serum, pili oil and other products that are truly made of organic materials.

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Maiden Issue of CNSC's Research Journal released

One hundred copies of the maiden issue of the CNSC Research Journal were released on June 29, 2015 through the Research Services Division under the Office of the Vice-President for Research and Extension (OVPRE) of the College.

The research journal is a biannual publication whose main objective is to publish completed research studies of students and faculty members of the CNSC system. Nevertheless, research articles from other SUCs may also be accepted for publication after undergoing eligibility check and approval of the editorial board.

According to Dr. Arlyn M. Magana, VP for Research and Extension, completed theses or research studies with commercial value are among the top priority of the Editorial Board as well as those within the thematic focus but not limited to agriculture, fishery, engineering, business entrepreneurship and education.

Based on the editorial policies and guidelines, all submitted articles including undergraduate theses which were co-authored by faculty advisers and the graduate theses of faculty members are subjected to a standard refereeing, evaluation and review process. To ensure objectivity, the name of the author is removed from the manuscript prior to being sent out for review, and the referees' names are not revealed to the authors. The papers are assigned to referees' based on their fields of expertise. Other than this blind review process, all papers within CNSC shall undergo technical evaluation process and in-house review.

Below are the steps to follow in getting a completed thesis published in CNSC's Research Journal:

Undergraduate Theses co-authored by Faculty Advisers

1. The Research Services Division (RSD) of the OVPRE will evaluate all the abstracts of the undergraduate theses and shall pre-

select the researches that may be invited to submit manuscripts for publication based on the thematic focus and its commercial value. For this issue, the pool of undergraduate theses which were considered is from the AY 2012-2013.

2. The advisers of the pre-selected researches shall be informed through their Deans or Campus Directors that they passed the preliminary selection of researches for publication and that they may submit one set of manuscript based on the editorial guidelines and other required attachments.

3. The submitted manuscripts will then be evaluated based on the Publication Eligibility Checklist (PEC) as set by the Editorial Board (EB).

4. If all the items in the PEC are satisfied, the RSD will issue certification that the research manuscript is eligible for consideration of the EB.

5. The faculty researcher concerned will then submit the three sets of manuscript following the approved editorial guidelines of the research journal.

6. A co-authorship agreement between student researchers and faculty advisers must also be submitted.

Graduate Theses of Faculty Members

1. The OVPRE calls for research papers for publication through the Deans and Campus Directors.

2. The Deans and Campus Directors endorse the manuscripts of faculty members for publication to the RSD. The manuscripts shall be in accordance with the editorial policies and guidelines.

3. The submitted manuscripts will then be evaluated based on the Publication Eligibility Checklist (PEC) as set by the Editorial Board (EB).

4. If all the items in the PEC are satisfied, the RSD will issue certification that the research



The cover page of CNSC Research Journal

manuscript is eligible for consideration of the EB.

5. The faculty researcher concerned will then submit the three sets of manuscript following the approved editorial guidelines of the research journal.

6. A certification that the manuscript is an original work and it has never been published in any other publications must be submitted by the author.

Michelle S. Carbonell, Research Director from OVPRE, said that this undertaking is a welcome response to the need of generating research studies that are responsive to the needs of the community where the public can gain valuable insights as well as contemporary technologies.

"Other than paving the way for the works of our faculty and students to be published, we are also working on having our CNSC Research Journal accredited by CHED. This is in accordance with our College's vision of becoming a premier higher education institution in the Bicol Region," Dr. Arlyn M. Magana reiterated.

The call for researches for publication in their second issue will be in October. All interested faculty members are encouraged to submit their manuscripts for consideration and future publication.

- Ma. Theresa B. de Panes, CAS



THE PRESIDENT'S DESK

DR. MONSITO G. ILARDE

In the advent of the ASEAN integration, we remain resilient and face the challenges it brings head on. In a resounding voice, we say bring it on!

The idea of an ASEAN community was conceived by the concerted efforts of 10 member countries in order to drive economic, social and cultural progress grounded on solid regional peace. Education plays a vital role in the formation of an effective and fully integrated ASEAN community. The quality of our graduates will determine the viability of our human workforce to compete among our other ASEAN counterparts.

Hence, the synchronization of education within the region was brought in the forefront as a developmental approach that recognizes the importance of regional education cooperation and the significance of establishing an "area of knowledge" or a common educational space in which activities and interactions in higher education, mobility, and employment opportunities can be easily accelerated and amplified.

It is on this context that the harmonization of ASEAN higher education is anchored on.

Different higher education institutions, including our very own CNSC, have been making changes within the organization in accordance with the objectives of the ASEAN community. We have created a systematic plan of actions geared in creating an educational system which will provide students the requisite skills responsive to the needs of the changing labor market, both local and international.

Based on our four-fold functions, the following are the actions that we have undertaken in preparation for the integration:

Instruction at its best. One of the vital elements in our preparation is focused on the kind and quality of our academic programs. Right now, we already have more than twenty academic programs accredited by the Accrediting Agency of Chartered Colleges and Universities in the Philippines (AACUP). This is in line with our collective quest in creating an academic environment where students and scholars can be inspired to excel in their programs of study and research.

Also, we are constantly revising the students' handbooks and other academic policies to make them more relevant with our vision of becoming a premier public higher education institution in the Bicol region responsive to the changing landscape of education and labor market.

Likewise, serious attention is being implemented towards upgrading our faculty profile to make sure that our system is being run by excellent faculty members and staff, in order to further enhance our working environment for outstanding performance and high productivity - one that can go head to head among colleges across the ASEAN community.

“Nothing is permanent in this world but change.”

Research at its finest. We believe that for our school to be fully competitive, we must become a decent and respectable research academic institution in various fields of expertise and specialization by conducting basic and applied research and development, thus contributing to the dissemination and application of knowledge to the public. In line

with this aim, the maiden issue of the CNSC Research Journal was produced. Through this, students and faculty members are given the opportunity to publish their research works. For the students, having their work published will speak volume when they set out in their quest for employment and for our faculty this will uplift their morale, encourage them to do more research projects and elevate our institution as a whole.

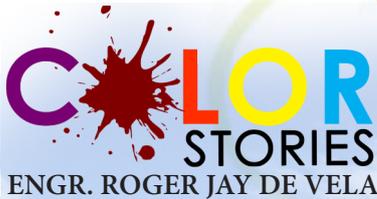
Extension Expansion. A clear and focused extension program is our leading outreach effort towards the community. Dedicated to our willingness to be an integral partner of our immediate community, each college within the system is now required to have flagship extension programs. Some of them are CEIT's plumbing training at Mercedes Campus and the agricultural trainings and assistance provided by the Labo Campus to its neighboring barangays.

Production Optimization. In line with the integration, we are focused on re-assessing our Income Generating Projects (IGPs) within the system specially our agricultural programs to make them more profitable. We are seeing a boost in our canteen and pushing for economic revenues in our printing press. The ultimate goal is to use our available resources for IGP's such as our land to increase revenue that would translate to more developmental projects for our institution.

Wholistic Institutional Excellence. In addition to the abovementioned actions, we also made improvements in other areas such as our physical facilities, management, administration and international linkages.

We believe that our overall appearance will always matter whether we admit it or not. We will be judged one way or another with the kind of facilities that we can offer

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ENGR. ROGER JAY DE VELA

Let's Paint CNSC Red

Last year, during my visit to one of the state colleges in Camarines Sur, I instantly fell in love with its blue-colored buildings, from the entrance to the path walk and to every structure built inside the campus. I never had to look up to the sky to see a refreshing blue colour as it was literally everywhere. As to the reason behind painting everything blue, I never got the chance to inquire from any of the school administrators. Apparently, there's more to it than creating uniformity and standard in the Campus. It's a statement.

In our beloved CNSC, the rise of new buildings and structures seems to hint a very simple message of saying goodbye to the cream and ecru-painted buildings we used to see in the Campus since its establishment. Sooner or later, a huge portion, if not everything, in the Campus will be painted with pink, maroon or any shade of red. If the expression, "Let's paint the town red" means to go out and celebrate, the phrase, "Let's paint CNSC red" will also be more than just an expression but a profound statement.

Comfort Rooms. It was during the 23rd Commencement Exercises in CNSC when the new comfort rooms were made open to the public. Its well-tiled floors and walls are extremely eye-catching not only because they are new but because of their colours ranging from a light blue interior for the male restroom and a pinkish glowing ambience inside the ladies' room. On the outside, the borders of the building were lined with a touch of Spanish red that will surely stand out once it gets landscaped with multi-coloured ornamental plants. With its neat and hotel-ish appeal, coupled with modern restroom facilities such as urinals, toilets, lavatories and hand dryers, students will not just feel comfortable and blissful but are also expected to be inspired and encouraged to help in maintaining the functionality of these facilities by being accountable and responsible users. Let's not exploit these facilities by expressing our artistic skills through doodles and vandalism. Let's use them and leave them as they are before we came so that more generation of students will see how we once painted our CRs red.

Academic Building and Science Building. The Academic Building recently completed in CNSC Main Campus is undoubtedly striking, primarily because of its pinkish colour, both inside and out. Even the tiles were designed with some smokes of colour pink. Similarly, the Science Building which will house the laboratory facilities of the College of Engineering and Industrial Technology (CEIT) were also touched with happy red & pink colours. In a study conducted by researchers of the University of British

Columbia, it was observed that students exposed to red-coloured learning environments did better on tests of recall and attention to details. This is something we can verify among our students, once completed.

Student Nooks. The Student Park currently being constructed in CNSC Main Campus through a project implemented by the Department of Public Works and Highways is also set to be painted with maroon on some of its borders. The structure is set to be a very good venue for various student activities like meetings, group studies and other interpersonal activities that will in one way or another supplement what they learn inside their four-walled classrooms. A number of studies showed that light-coloured and well-ventilated environments in academic campuses encourage productivity among students. With these student nooks, the library will not just be the sole venue for studying outside the classroom. While providing them with a place to stay during harsh weather, students can also spend their vacant hours in these nooks with various academic and social activities they wish to initiate.

Walks to Remember. With the incorporation of maroon-coloured interlocking blocks in some of its path walks, students, employees and visitors will experience walking in the College like a walk in the park. The interlocking blocks match the landscape in some part of the Campus, adding up to the over-all beauty of the surroundings.

The Bigger Picture. Painting the new CNSC building with shades of red does not only depict our aspiration to create a visitor and learner-friendly campus. This is definitely more than aesthetics and its message stretches from campus grooming effort to a lot more. There is more going on than what meets the eye from these new lovely structures in CNSC.

On the ground, what the administration is constantly committing itself to, is strengthening one of the basic foundations of the institution-its physical facilities. The college believes that providing the students and other stakeholders with decent and adequate physical facilities can further boost the over-all performance of the institution, be it in the student, faculty or administrative affairs.

As laid down in its Strategic Development Plan 2014-2020, CNSC will continue to provide state-of-the-art and climate-smart physical facilities that will complement its efforts towards being a premier higher education institution in the Bicol Region. **Painting CNSC Red** is a prelude to the celebration we are to have when we reach that vision. Let's keep painting CNSC red until then.

Research and Extension Service Center hold In-House Review



The paper presenters together with Dr. Lilibeth A. Roxas, Extension Services Director (left), pose for the camera after receiving their certificate during the In-House Review.

It is another milestone for CNSC Research and Extension Services Center as they successfully spearheaded the 1st Extension Services and 7th Research and Development In-House Review last May 28, 2015 at the CNSC Food Service Management Building.

Presenters of extension-related activities from various departments were Dr. Noel C. Alegre from CAS with extension project, Basic Literacy, Health Care, Culture and the Arts, and Livelihood Development: an ABCD Approach and Mrs. Evelyn M. Baesa of CEIT who presented Training Skills on Plumbing, Welding, Wiring

Installation and Computer Literacy for Out of School Youth (OYS) and Unemployed at LGU Mercedes, Camarines Norte.

The participants of the event came from various colleges including the Graduate School, Dr. Erlinda J. Porcinula, researcher of the “Tracer Study of Camarines Norte State College Graduate School Graduates”; Mr. Alex M. Aragona from CBPA, a co-author of research study, The Marketability of Groupers (*Epinephelus Coioides*) in Mercedes, Camarines Norte; Ms. Melissa S. Carbonell presented her graduate study titled Assessment of the Corporatization Strategies of

Camarines Norte State College in accordance to RA 8292 and Effects of Vermicast Utilization on Agricultural Productivity in Bicol Speaking Municipalities of Camarines Norte, with Merla B. De Guzman, Jefferson P. Moral and Rovhie B. Villafuerte, as co-authors.

While Prof. Dolores C. Volante with co-authors Herbert R. Bautista, Nilda C. Cortez and Liezl C. Rafer, from CAS presented a study on Bioethanol Production Nami (*Dioscorea hispida* Denns.) Tuber. Ms. Aiza L. Castañeda presented a research on Growth Rate and Yield of *Lactuca Sativa* (Lettuce) Using

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3 research outputs go international

from page 1.



Melanie D. Bacuño, Dr. Rusty G. Abanto and Dr. Arlyn M. Magana, during the GDIC 2015 (top), Melanie D. Bacuño and Dr. Arlyn M. Magana presenting their topics (middle and below)

completed researches here in Camarines Norte State College: “Gender Audit: Basis for Gender Mainstreaming the Camarines Norte State College” presented by Melanie D. Bacuño, Chairperson for Gender and Development Office; “Environmental Audit of Camarines Norte State College: Basis for Environmental Management Interventions” presented by Dr. Arlyn M. Magana, VP for Research and Extension; and “Modeling Ecological Solid Waste Management in CNSC, Labo Campus” presented by Dr. Rusty G. Abanto, VP for Academic Affairs.

The conference was sponsored by Mindanao State University-Iligan Institute of Technology (MSU-IIT) and attended by different schools and universities from around the world such as the Australian National University, Crawford School of Public Policy (Australia) University of Hawaii at Manoa, Universiti Malaysia Sabah, Universitas Muhammadiyah Yogyakarta (Indonesia), VIT University Tamil Nadu (India), University of the Philippines Los Baños, College of Asia and the Pacific, Lyceum of the Philippines University, Western Mindanao State University, University of San Carlos and De La Salle University Dasmariñas and many other HEIs in the country.

- Melanie D. Bacuño, CAS

CNSC-GICC partnership ready for take off...

from page 4.



CNSC President Dr. Monsito G. Ilarde, Mr. Arthur V. Martin and the research proponent Dr. Arlene C. Alegre all smiles during Mr. Martin's visit last year.

for us to arrive at a more conclusive result we have to conduct a bigger trial," she explained. Dr. Alegre is the Director for Laboratory Diagnostics in Labo campus, a plant pathologist and the proponent of the research study.

This partnership between CNSC and GICC started when Dr. Alegre stumbled upon the product Path-Away® Anti Pathogenic Solution in the internet and started communicating to a service representative via chat to ask specific details about the product. Little did she know, the one answering her queries is the CEO of GICC himself Mr. Arthur V. Martin. More discussions followed and a partnership was formed not just with Dr. Alegre and GICC but with CNSC and GICC as well. Dr. Alegre is now a consultant in the fields of pathology and horticulture of Global Crop Protection, a division of GICC and through this approved MOA, CNSC's partnership with GICC is also made official. With this partnership, GICC will provide the Path-Away® Anti

Pathogenic Solution to be used in the study for free; in turn CNSC will provide GICC with the results of the study. Mr. Martin showed his commitment to support CNSC's efforts when he visited the College last year and even offered sole distributorship of the product in the Philippines to CNSC. The College is yet to accept the offer awaiting the result of the study.

According to GICC's website, Path-Away® is an organic, biodegradable, extremely potent and effective anti-pathogen that can act as a bactericide, fungicide, anti-viral and anti-parasitic compound with extremely low toxicity to humans, plants, animals and the environment. According to Dr. Alegre, based on her experience during the initial testing where direct application was practiced, a hand spray was used for the pineapples and a fogger provided by GICC was used for the coconut trees, the product has low toxicity since she did not need to wear protective gears unlike when a chemical pesticide is used. "It is an all-in-one solution. It is effective in controlling pathogens and even insects in the initial trial. In fact, to further test GICC's claims, I even tried the product in aqua phonics and it was a success," Dr. Alegre added.

As a scientist and an organic practitioner, Dr. Alegre shared her enthusiasm to the possibilities the solution will offer farmers in the Philippines especially in Camarines Norte and the opportunities it will open for the College when the study is finished and more conclusive results are made. She is now working on the research proposal and is collaborating with an entomologist and agronomist so they can finally conduct a bigger trial soon.

- Ma. Theresa B. de Panes, CAS

Faculty members share expertise on Dualized Education

Through the CNSC Extension Services Office, three faculty members attended the Regional Conference of Extension Directors and Staff at Camarines Sur Polytechnic Colleges, (CSPC) Nabua, Camarines Sur last April 22, 2015.

Ms. Jocelyn E. Trinidad from CBPA, Mr. Edgar Bryan Nicart from CEIT and Ms. Rohilyn Egle from Labo Campus represented CNSC in the said conference, where they have successfully written the draft mentor's manual for use by the partner-agencies and apprentice as part of the SUCs on- the- job training program.

Meanwhile, a follow up three-day seminar workshop was conducted on May 5-7, 2015 at SEDCEN Training Hall in Pacific Mall, Legazpi City to provide awareness on dualized education designed for project partners of the Philippine-German Pilot Project in Dualized Education.

Principles in group learning and individual adult learning were discussed and focus was given on the skills transfer methods and the factors that affect classroom and in-company methods. Five facilitators were invited to

assist the participants in the entire session.

The faculty-participants and area managers reviewed the Handbook of Workplace Mentoring in Microfinance Technology II of Simbag sa Pag-assenso Inc. (SEDP) in Legazpi City.

All participants gave inputs to ensure that all competencies or skills in microfinance will be effectively transferred to the trainees. They focused on the second chapter of the handbook about the mentoring methods and the seven competencies in Microfinance Technology NC II.

The faculty shared their expertise as to the appropriate teaching method while the area managers from SEDP reviewed the content and the procedure or actual activities that a trainee does in the field of microfinance.

The five partner-SUCs will serve as cooperating schools to have an education intervention in the form of either of the following: a curriculum or a training plan, or materials like module or syllabus that will be lifted from the handbook to be formulated by the partner SUCs.

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PRESIDENT'S DESK

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as an academic institution since this will affect people's perception regarding our ability to provide quality education. Thus, the ramp up on the construction of our physical facilities such as academic and laboratory buildings, comfort rooms and the College Pavilion. Having good physical facilities coupled with the changes in the academic instruction will certainly help in encouraging students of Camarines Norte or even other neighboring provinces to enroll in our College.

In line with our vision of becoming a premier public higher education institution in the Bicol region, international linkages are also being established through partnerships with other agencies for our developmental projects. The trust that international agencies give us will enhance our image as a competitive academic institution in the nation as well as in the ASEAN community.

Furthermore, we are working assiduously on our application towards ISO 9001:2008 certification in order to uphold international standards particularly when it comes to quality management system.

Creating more leaders with great leadership skills will translate into the effectiveness of our College as an academic institution thus, administrative decentralization is being implemented to give middle management among different units the opportunity to make decisions especially in terms of planning and budgeting in order to bring out the leaders in them. This is still a work in progress but we hope to build more leaders from within through participatory or grass-root planning approach.

“ Together, let us continue our efforts, towards our goals. Nothing is impossible as long as we are ONE as an institution. Remember: ONE CNSC is Onward to Excellence CNSC. ”

As the country prepares for the ASEAN Integration, it is with confidence that we stand and welcome it. Let us embrace it and use its challenges to our advantage. This integration can be daunting but as Andre Gide said, man cannot discover new oceans unless he has the courage to lose sight of the shore. Let us all go out of our comfort zones, maximize our potentials and bring out the best in each other as we contribute to our shared vision of being the premier higher education in Bicol. Together, let us fulfill our mandate as an academic institution to produce graduates who are competitive in the changing landscape of the local and global employment market. Together, we can overcome the challenges of ASEAN Integration.

Faculty members share expertise on Dualized Education

from page 11.

Company mentors, who have the advance skills and knowledge, will help the academe transfer the skills to the apprentices by teaching them the procedures through actual practice.

For CNSC, the focus is on bookkeeping for micro enterprise since the College doesn't have enough partner-agency for microfinance, technology in the province. The organizer advised the faculty-participants to first enhance the syllabi for OJT and other related subjects on microfinance

and bookkeeping by incorporating the competencies prescribed by TESDA while waiting for possible partnership in this field.

Once realized, this will be an investment where the primary beneficiaries would be the apprentices. Some of them will be chosen to be included in the dualized mode of education where there is a link between theories and practice in the workplace.

- Jocelyn E. Trinidad,
CBPA

Research and Extension Serv....

from page 10.

Hydroponics and Traditional Gardening.

Meanwhile, Prof. Nelson S. Olfindo of Mercedes Campus and Dr. Plutomeo M. Nieves and Aldrin Mel Macale, co-authors, presented a study titled Reproductive Biology of Christian Crabs (*Charybdis feriatus*, Linnaeus, 1758) in San Miguel Bay.

Faculty researchers from Labo Campus, Engr. Lemuel V. Aton focused on Development of Vermicomposting Techniques for Pineapple Waste and Ms. Ginalyn R. Sabroso on Physico-Chemical and Biological Characteristics of Open Dumpsite Leachate in Daet, Camarines Norte.

For the College of Education, Mr. Nestor B. Badillos presented a study on Simplified Pedagogy in Solving and Analyzing Problems in Geometry; from CEIT Prof. Rosemarie T. Bigueras and co-authors Mac Henry S. Dating, Aries P. Poot, Santiago P. Lapak III presented Entity Relationship Diagram Maker. While, Prof. Jocelyn S. Torio and co-authors Franz Anthony Z. Abiera, Mary Joy D. Binamera, Edgielyn M. Sunga and Aireen M. Penero presented a study titled (Roboaccer) Robotic Arm Egg Canding Analyzer.

With the commitment and the support accorded by the presenters, the College's research and extension services center successfully made a significant contribution in promoting extension and research culture among CNSC faculty and students.

- Jocelyn E. Trinidad, CBPA

CNSC conducts 1st Organic Agriculture...*from page 6.*



(left) The booth of CNSC showcasing plants and products from recycled materials. (middle) Dr. Arlene C. Alegre, talking about Anti-Pathogenic Plant Extract Solution for pest control. (right) The speakers during the forum.

Aside from the exhibit, another highlight of the event is the two-day forum on organic agriculture which started with the oath taking of the officers of the Federation of Organic Agriculture Practitioners in Camarines Norte, led by their president Dr. Arlene C. Alegre, who is also a faculty member of CNSC. Mr. Ronald C. Costales, CEO of Costales Nature Farm, discussed their best practices in organic farming with sub-topics such as EMMO and EMMAS Preparation, Urban Gardening, Marketing Techniques and Agro-Tourism.

Other resource persons were Ms. Caridad O. Camba of ATI-ROV who discussed Kitchen Preparation of Herbal Medicine, Mr. Christopher Millena of DOST-V who tackled Packaging and Labelling of Products, Dr. Arlene C. Alegre, Asst. Prof. 1 in CNSC Labo Campus, who shared

the topic Anti-Pathogenic Plant Extract Solution for pest control, Dr. Lorena H. Hernandez, Professor of CBSUA, who talked about Edible Landscaping and Dir. Karen Kristine A. Roscom, OIC-Executive Director of Bureau of Agriculture Fisheries Standards, who presented the overview on how to register an organic product. After each talk, an open forum was done to accommodate questions and clarifications on the topics discussed.

The 1st Organic Agriculture Forum and 3rd Fascination of Plants Day Celebration and other activities done under EPSO are published and available for viewing on their website <http://fascinationofplantsday.org>.

“All in all, the program was a success in terms of promoting organic agriculture and instilling to the people’s mind its importance and benefits,” Dr. Alegre commented.

- Arden Peejay L. Ezaki

CNSC re-explores DATBED Program

The Department of Science and Technology (DOST) Region V in collaboration with Technology Application and Promotional Institute (TAPI) sponsored the DOST-Academe Technology-Based Enterprise Development (DATBED) Program on May 13, 2015 at the DOST AVP Function Hall in Legazpi City. Camarines Norte State College (CNSC) Main Campus as one of the institutions which has been accredited to the DATBED Program since October, 2006 was represented by Dr. Nora J. Macasinag, Dean of the College of Business and Public Administration and Dr. Lilibeth A. Roxas, Director of the Extension Services Unit.

DATBED Program develops entrepreneurial competencies among students in selected academic institutions. It supports income generating projects (IGPs) with technological innovation that are not yet tested in the market but are potential and technically viable when commercialized. Faced with some challenges such as unemployed graduates, mismatch between jobs and education and mindset of students to work as employees after graduation, DATBED’s goal is to develop future employers and promote the establishment of technology-based enterprises by providing training in enterprise development and provide comprehensive

support requirements for the establishment of technology-based enterprises. The target beneficiaries of this program are the sophomores, since Stage 1 is for three (3) years wherein DATBED trains students in enterprise development and exposes them in all aspects of business and creates IGPs for the involved institutions.

CNSC satellite campuses with Science and Technology courses are advised to apply for accreditation and students are encouraged to submit business plans for IGPs. “Qualified student applicant/s will be granted as much as Php50,000.00 in the form of a loan, for a start-up project and if they can roll it over three (3) times, the loan will be converted to a grant, hence, no payment will be required of the student-applicant/s”, Marilou J. Belgado, Science Research Specialist II of DOST Provincial Office, said.

To sustain the program, Stage II is designed to create new breed of full-time entrepreneurs from DATBED-graduate recipients and shall provide funding to these grantees for the commercialization of their technology-based enterprises. “This is a good program and offers lots of opportunities for the students, all we have to do is grab it,” Dr. Macasinag said.

- Ana B. del Mundo, CBPA

CNSC takes part in the FGD on HEMIS

The Camarines Norte State College (CNSC) was among the three participating colleges for the Higher Education Management System (HEMIS) Focus Group Discussion (FGD), held at the Microtel Inn and Suites by Wyndham in Sto. Tomas, Batangas last May 5, 2015. The College was represented by Prof. Daniel E. Maligat Jr. - Information Communication Technology Department (ICTD) Manager and Mr. Raymond Q. Zaratar - Information Systems Planner (ISP). Other participants were De La Salle Lipa in Batangas City and Malayan Colleges of Laguna. They were represented by Engr. Imelda Martin - Dean of the College of Information Technology and Engineering

and Concurrent Manager of ICTC and Engr. Dodjie S. Maestrecampo - Executive Vice President and Chief Operating Officer, respectively.

The event was organized by the Commission on Higher Education (CHED) in collaboration with Incuventures Partners Corporation (IPC) in preparation for the upcoming national survey of Higher Education Institutions (HEIs) which CNSC will take part in. The FGD intends to gather information on the use of ICT in the delivery of higher education services to students and in providing data needs of the Commission in aid of policy formulation and decision making.

Participants actively shared their experiences & management strategies of their resources in terms of ICT delivery not just to the students but as well as the faculty members and staff. During the event, it was noted that there is a big gap between the private and public HEIs most especially in the Information Technology section. The IPC moderator noted all the gathered information and assured the participants that CHED will be informed of the situation and will help the latter in bridging the gap.

The national survey will be done this year and will be evaluated by CHED for implementation of HEMIS next year.

- Ana B. del Mundo, CBPA

Mercedes Campus joins in the Kadagatan Fishtival

The CNSC Mercedes Campus participated with the whole municipality in their celebration of Kadagatan Fishtival in time with their town fiesta last June 13, 2015.

This is the first time that the local government of Mercedes moved the festival date from June 12 to June 13 through a municipal ordinance in order to accommodate the influx of tourists, visitors and locals who are returning home to the province in time for the town fiesta. True to their vision of becoming "a world class tourism hub", different events were organized for the enjoyment of the people such as amateur singing contest, Mutya ng Mercedes pageant, float and civic parade, CAT and DLC competition, basketball cup and Kusina Master (a cooking contest). These events were supported by the academic institutions and all barangays of the municipality.



The Mercedes Campus faculty and other participants in attendance during the opening program of the Kadagatan Fishtival.

The faculty and staff joined the flag raising ceremony and the CNSC Marching Band participated in the float and civic parade. While, two students confidently showed their intellect and talents in the Mutya ng Mercedes pageant and another two joined the Kusina Master, where one of them won 3rd place.

"The cooperation of the College with the LGU is important in strengthening our relationship and mutual sense of social responsibility", Dr. Manuel B. Alberto, Director of CNSC Mercedes Campus said.

- Francel M. Bertillo

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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.