



Shamag

Official Publication of Benguet State University

ISSN 0118-0304
VOL. XXVII NO. 8
AUGUST 2025

103 papers presented at 2025 BSU Agency Annual In-house Review



BSU officials and participants during the closing of the University Agency Annual In-house review held on August 27-28, 2025 at the Everlasting Hall, Research and Extension building//PGadang

The BSU Annual Agency In-House Review (AAIHR) 2025 featured 103 papers by university faculty and staff. The review was held on August 27-28, 2025 at the Everlasting Hall, R&E building with the theme “*Pantabtaalan: Cultivating Excellence in Transformative and Innovative RDE for Cultural and Environmental Stewardship.*”

The AAIHR aimed to evaluate the progress of ongoing and completed BSU research and extension programs in various fields. The studies were categorized into: Science and Technology Agriculture, Aquatic, and Natural Resources (S&T-AANR); S&T Food, Industry, Engineering, and Emerging Technologies (FIEET); Social Non AANR; Social AANR; Development, Extension, Education.

VP for Research and Extension Roscinto Ian C. Lumbres welcomed university officials, researchers, extension workers, evaluators, partners, and community members who participated in the review. He emphasized the importance of the AAIHR as a platform for evaluation, learning, and

collaboration to ensure research outputs are relevant, useful, and can lead to partnerships and development of the community. Lumbres officially opened the review with a call for excellence and innovation in research and development.

University President Kenneth A. Laruan, represented by his Executive Assistant Maridel P. Langbis, highlighted that the review is more than just reports and presentations, it is a celebration of the hard work, breakthroughs, and challenges experienced by researchers, extension workers, innovators, and staff. She recognized the dedication required for research and extension noting their essential role in creating a long-term impact in the community. Langbis acknowledged the 103 papers...continued on page 3

What's Inside?



CN and GAD champion Menstrual Health Advocacy

Page 4



BSU hosts activity to bridge traditional and mainstream health systems

Page 6



BPA program undergoes AACCUP evaluation

Page 5



BSU hosts National Valuation Training to commercialize research

Page 8



SUSTAINABLE
DEVELOPMENT
GOALS

BSU supports the Sustainable Development Goals



Times Higher Education
Impact Rankings 2024



The WORLD
UNIVERSITY
RANKINGS
for INNOVATION



Management
System
ISO 9001:2015
www.bsuet.edu.ph
ISO 9001:2015



AACCUP
ANNUAL AGENCY IN-HOUSE REVIEW AND
EVALUATION OF THE UNIVERSITY

EDITORIAL BOARD

EDITOR

Jennyline S. Tabangcura

WRITERS

Ellejohn A. Bawang

Elsie M. Bawayan

Nick W. Sibaen

Brixan Gyle A. Tayaban

DESIGN

Elsie M. Bawayan

PHOTOGRAPHERS

Ellejohn A. Bawang

Prince Jheruel D. Gadang

Danica Jan Paydowan

Nick W. Sibaen

CONTRIBUTOR

Open University

CIRCULATION

UPAO Staff

Records Office and Archives

CONSULTANTS

Kenneth A. Laruan

Janet P. Pablo

Roscinto Ian C. Lumbres

Richard H. Kinnud

Josel M. Florentin

Shamag, first published in 1996, is the official newsletter of Benguet State University. It was named after the Ibaloi word for news. It is one of the platforms for BSU to disseminate the programs, achievements and advocacies to its stakeholders. *Shamag* aims to help the University advance its goals by championing effective communication and partnerships.

Articles, pictures, comments, suggestions, reactions, and letters to the Editor may be submitted to the BSU-Public Affairs Office at publicaffairs@bsu.edu.ph. However, the *Shamag* staff reserves the right to edit submitted materials for mechanics and ethics. The *Shamag* is guided by the Associated Press (AP) style and journalistic standards.

For a complete view
of articles and photos, visit
www.bsu.edu.ph

and

fb.com/BenguetStateUniversityOfficial
Shamag may shorten
content and omit photos due to space
limitations.

Benguet State University

VISION

A premier university in transformative education, innovative research, inclusive extension services, sustainable development, and stewardship of culture and the environment

MISSION

Cultivate resilient and future-ready human capital through excellent teaching, responsive research, proactive and sustainable community engagements, strategic partnerships, and progressive leadership

GOALS AND OBJECTIVES

GOAL 1: (Instruction) Ensure equity in accessing quality higher education**Objectives:**

1. Formulate and implement affirmative action policies aligned with Free Higher Education
2. Sustain enrollment of disadvantaged students
3. Sustain grants and scholarships for undergraduate and advanced studies students
4. Develop learning continuity and student affairs services plan
5. Implement inclusive education strategies for diverse learners
6. Sustain optimal enrollment in all degree programs

GOAL 2: (Instruction) Advance quality and relevant instruction to boost regional economies**Objectives:**

1. Enhance instruction through a supportive and innovative environment
2. Continuously improve tertiary and advanced education standards

GOAL 3: (Research) Develop pioneering science and gender and culture-sensitive solutions to reduce regional vulnerabilities and boost socio-economic conditions**Objectives:**

1. Strengthen policies, culture, linkages and support for research and development
2. Advance scholarly capabilities of faculty and staff through research-driven initiatives and activities
3. Conduct socially-responsive and impactful research

GOAL 4: (Extension) Develop proactive extension programs for disadvantaged communities and vulnerable sectors**Objectives:**

1. Enhance extension system environment for effective community development
2. Build capacity among extension service providers
3. Implement culturally-relevant and gender-sensitive engagement programs
4. Expand reach and inclusivity of extension initiatives
5. Evaluate and amplify the impact of extension programs and projects

GOAL 5: (Administration and Finance) Promote integrity-based governance and efficient management of resources**Objectives:**

1. Develop human resource capabilities
2. Cultivate a culture of good governance and resource stewardship
3. Develop smart and green campus solutions
4. Establish sound financial policies and systems

GOAL 6: (Business Affairs) Balance progressive resource development while maintaining existing biophysical resources**Objectives:**

1. Foster a supportive ecosystem for entrepreneurial ventures
2. Create strategic and socially-responsible business partnerships
3. Strengthen capabilities in revenue-generating activities
4. Optimize existing income sources
5. Pursue green enterprises and growth opportunities

GOAL 7: Strengthen and expand strategic partnerships**Objectives:**

1. Build a dynamic and enabling environment for partnerships
2. Deepen engagement with alumni, government, and civil society
3. Strengthen multi-sectoral collaboration among academe, LGUs, industries, and communities

BOR Res. No. 183 S. 2025

Quality Policy

Benguet State University is continuously committed to improve its Quality Management System, satisfy requirements of relevant interested parties and provide excellent service for quality education and innovative research aligned with sustainable development and client satisfaction.

Board Resolution # 2847 S.2016

CNAS Math Dep't holds Mathematical Investigation and Computational Science seminar for HS teachers



College of Numeracy and Applied Sciences faculty members with participants of the seminar on Mathematical Investigation and Computational Science for high school teachers on August 22-23, 2025 at the Gladiola Hall/NSibaen

The College of Numeracy and Applied Sciences (CNAS)–Mathematics Department of Benguet State University conducted a seminar-workshop titled “Towards a More Numerate Filipino: Capacitating High School Teachers in Conducting and Coaching Mathematical Investigations and Mathematics and Computational Science Projects–Season 2” at the Gladiola Hall A on August 22-23, 2025.

The two-day activity gathered mathematics teachers from 44 public and private schools across Benguet and Baguio City. Daisyren M. Lodias presented the fundamentals of Mathematical Investigation (MI); Michael Angelo F. Empizo discussed strategies for exploring and testing conjectures; and Carmelo W. Madinno, Danni Loven A. Fulwani, Monica S. Alimondo, and Fleur De Cory A. Ngiwas demonstrated problem-based and research-based MIs.

Moreover, Geronimo L. Magcanta III provided an overview of Mathematics and Computational Science (MCS) projects, while Jhurdan G. Pilay and Marchad B. Coilan presented mathematical and statistical modeling and simulation techniques with technology integration. Some of the highlights included alternative methods of mathematical proof applicable to investigations, a range of examples of MI and MCS projects, and the use of programming languages

and software environments such as R, Python, and MATLAB.

Messages of support were delivered by Mathematics Department Chairperson Serano L. Oryan, CNAS Dean Ederson G. Bawang, Director of the Office of Extension Services Cheryl C. Launio, and VP for Administration and Finance Richard H. Kinnud.

Participants expressed that the training enhanced their capacity to guide

CNAS Math...continued on page 7

103 papers...from page 1

evaluators for their unwavering support to the university.

Former Department of Science and Technology – Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development (DOST-PCAARRD) Balik Scientist and AAIHR evaluator Zenaida N. Ganga served as the keynote speaker. She reflected on the improvement of practices in research, highlighting the transition from manual processes to advanced technologies and the use of social media in global partnerships. Her talk focused on a four-point agenda aimed to inspire researchers in meaningfully contributing to sustainable development.

Her first point emphasized quality over quantity, advocating for prioritizing the quality of research over the number of studies, emphasizing that few impactful researches will be

remembered more than numerous mediocre ones.

“Quality is more important than quantity. You will be remembered for the quality of work you have done, not the number of researches you completed,” she stated. On her second point, she stressed integration, teamwork, and partnership. She encouraged multi-disciplinary collaboration and mentoring of junior researchers, as well as building partnerships with private sectors and local government units.

“Don’t work alone, work as a team. Two hands are better than one, and mentorship leaves a legacy that lasts,” she added.

The third point highlighted relevance and impact, urging the researchers to prioritize studies that address critical needs due to limited resources. She also mentioned how integrating research efforts can be a strategy to help when the

budget is limited. Ganga’s final point focused on technology promotion and commercialization. She underscored the need to ensure that research results reach and benefit end-users such as farmers, through activities like information sharing and demonstrations. She ended her talk with a challenge for researchers to aim for excellence beyond mediocrity and to ensure their work makes an impact to their fields and communities.

The evaluators for the S&T-AANR category were Reynante L. Ordonio, Career Scientist I, Department of Agriculture (DA) – Philippine Rice Research Institute; Ganga, former Balik-Scientist of DOST-PCAARRD, and Potato Scientist, Cavendish Farms, Canada; and Romeo M. Dizon, Professor of Department of Biology,

103 papers...continued on page 4

CN and GAD champion Menstrual Health Advocacy

The Gender and Development (GAD) Office, in collaboration with the College of Nursing (CN), spearheaded an open training/workshop titled "Period Positive: Educate, Empower, Embrace" with the theme "Empowering the Youth Through Menstrual Awareness and Support."



The initiative, held on August 17-18, 2025, aimed to train and nurture advocates by enhancing their knowledge and understanding of menstrual health. Resource speakers included Young Women's Christian Association (YWCA) – Philippines National Chapter President Marcia Suzanne O. Bicomong; YWCA – National Youth Coordinating Council President Jessica M. Deboton; Oxford Committee for Famine Relief (Oxfam) – Philippines Sexual and Reproductive Health and Rights Specialist Cecilia A. Villa; Haliya Cup Founder Rodessa Austria Fajarcito; BSU Gender and Development Director Jude L. Tayaben; CN Dean Mark Gay-as; and CN Faculty Members Ervina Luisa D. Campus, Jonalyn S. Esco, Jocelyn W. Angeles, and Mhyrlynejee S. Camdas.

The three-day event was held at the International Relations Office function hall. It concluded with a pinning ceremony and oath-taking of the newly trained advocates, followed by the turn-over of a monetary donation from YWCA President Bicomong to support the establishment of the YWCA-BSU Chapter.//EBawang

103 papers...from page 3

College of Sciences, University of the Philippines (UP) Baguio.

For the Social AANR, Development, and Extension category the evaluators were Darlyn D. Tagarino, retired BSU Professor and former VP for Planning and Business Affairs and VP for Finance; Percyveranda A. Lubrica, retired BSU Professor and current Dean of Arts and Sciences, Benguet Vocational School Colleges; and Cristine B. Esnara, Senior Agriculturist and High Value Crops Development Program Focal, DA, Agricultural Training Institute – Regional Training Center – Cordillera Administrative Region.

The S&T FIET category evaluators included Buchard B. Cutin, Assistant Professor IV and Department Chairperson, Department of Food Science and Technology, College of Agriculture, Food and Sustainable Development, Mariano Marcos State University; Deign Frolley C. Soriano, Assistant Professor and Department Chairperson, Department of Biology, College of Science, UP Baguio; and Thelma D. Palaoag, Professor, College of Information Technology and Computer Science, and Director of Innovation and Technology Transfer Office, University of the Cordilleras.

For the Social Non AANR, the evaluators were Erlinda C. Palaganas, retired Professor and University Scientist III, UP Baguio, and current Regional Director at the Cordillera Regional Health Research and Development Consortium; Ruth M. Tindaan, Associate Professor, Department of Language, Literature, and the Arts, College of Arts and Communication, UP Baguio, and Lloyd V. Orduña, retired Professor, University of Baguio (UB),

Panpacific University (PU), College of Asian Scholars, and Shandong Yingcai University, and former Vice President for Admin at UB and PU.

The Education evaluators were Jupeth T. Pentang, Associate Professor, Department of Science Education, College of Education, Central Luzon State University; Alvin D. Tenorio, Assistant Professor, Educational Research and Evaluation Area, College of Education, UP Diliman; Norbert C. Lartec, Filipino Education Program Supervisor, Department of Education, Schools of Division Benguet.

At the closing program, the presenters shared insights they gained from the review and expressed gratitude for the opportunity to showcase their work.

Jason D. Komicho, one of the presenters, expressed his gratitude for being part of the university's annual in-house review, calling it a valuable learning experience.

"I, as a science research assistant, valued the opportunity to listen to other researchers, experts, and gain new perspectives and ideas that I can apply in improving our studies or our paper. To our esteemed evaluators, maraming salamat po sa walang sawang pagtulong upang mas mapabuti pa po ang mga research paper," he said.

The evaluators also shared their insights and commendations on the relevance of the activity and provided recommendations for further improvement of the research projects. They highlighted that the event serves as a valuable learning opportunity, not only for the participants but also for themselves as evaluators.

"It's not just a learning opportunity for them, it was more of a learning

opportunity for us evaluators because we've learned a lot from their papers and we appreciate the genuine intention to serve the community," Tenorio stated.

During the closing program, President Laruan expressed his gratitude to the presenters, researchers, and evaluators of the agency in-house review. He encouraged the participants to take the evaluators' recommendations positively and use them as a benchmark for the development of their research and future reviews. He also commended the organizing team for the successful event.

Laruan emphasized that the papers presented are not simply presentations but materials that can be utilized in contributing to an impact on society and the environment. He stated that beyond publication, fulfillment in research also comes from public recognition, citations by other authors, and the production of products available to consumers.

He expressed his hopes to see published research, policies influenced by BSU studies, and commercially available products arising from the University's research efforts.

In her message, VP for Academic Affairs Janet B. Pablo expressed her appreciation to the evaluators for their efforts and insights. She introduced the acronym PRIME based on the insights and comments from the presenters and evaluators.

The letter P stands for Pitching, which refers to the stage of assessing whether a research project is worth pursuing, stating that researchers have to understand their proposals, not just for the sake of record, publication, and promotion. R and I represent Research and Innovation, emphasizing that research

103 papers...continued on page 5

Bachelor of Public Administration program undergoes AACUP evaluation

The Bachelor of Public Administration (BPA) program at Benguet State University (BSU) was evaluated by the Accrediting Agency of Chartered Colleges and Universities in the Philippines (AACUP) during the online accreditation 2nd survey visit held on August 26-29, 2025. The event aimed to assess the program's improvement since the last survey visit.



The accreditation process began with an opening program on August 26, 2025, where BSU officials emphasized the importance of the survey visit.

VP for Academic Affairs Janet P. Pablo highlighted the significance of the accreditation as part of the University's continuing pursuit of academic excellence and institutional improvement, especially for the BPA.

"The university will support the accreditation as it is a vital process that allows us to reflect once again, evaluate, and improve. It is through this lens of continuous improvement that we aim to foster a learning environment for innovation, integrity, and inclusiveness to thrive in the different areas we evaluate for today," she said.

BSU President Kenneth A. Laruan also emphasized that initial assessments prior to the accreditation are important to identify the strengths and areas that are needed to improve.

"It is a significant activity that we should do regularly simply because accreditation affects our collective effort to ensure that our students receive the best learning experience possible grounded in excellence, innovation, and service," he stated.

Following their messages, Office for Quality Assurance and Accreditation Director Joana I. Alafag and College of Public Administration and Governance (CPAG) Dean Gretchen Gaye C. Ablaza introduced the BSU officials and the Local Task Force, respectively. Alafag also introduced the AACUP Accreditor's Team Leader Christine B. Tenorio of the Mindanao State University-Iligan Institute of Technology. Tenorio then introduced other AACUP accreditors, including

Bernadeth P. De Guzman of Mindoro State University and Daryl L. Superio from Northern Iloilo State University Tenorio also presented the purpose of the survey visit.

The four-day survey visit focused on review and validation of program documents, a virtual facility tour, and interviews among the CPAG faculty, alumni, students, and stakeholders. The program was evaluated in areas of Vision, Mission, Goals and Objectives; Faculty; Curriculum and Instruction; Support to Students; Research; Extension and Community Involvement; Library; Physical Plant and Facilities; Laboratories; and Administration.

At the closing program held on August 29, 2025, the accreditors gave their impressions, highlighting the program's best practices and providing recommendations for further improvement. Tenorio and Guzman also lauded the dedication and commitment of the CPAG faculty members and the administration throughout the accreditation process.

This was followed by the commitment and words of gratitude delivered by Laruan, assuring the University will come up with strategies to address the recommendations provided by the accreditors.

In her closing remarks, Ablaza expressed gratitude to the accreditors for sharing their valuable time, insights, and recommendations through the accreditation process.

"Your thorough evaluation and constructive feedback will certainly guide us in strengthening our program, ensuring that we remain responsive to the demands of public service and governance in the 21st century," she said. She added that accreditation is not just compliance, but an opportunity for collaboration to sustain a quality education.//EBawayan

103 papers...from page 4

should lead to meaningful development and should not stop at having a developed or terminated research. The letter M symbolizes Mentoring, which involves multi- and trans-disciplinary support not only for technical research but also for funding, stakeholder partnership, promoting collaboration between senior and junior researchers, and openness to learning. Finally, E represents Engagement, highlighting the importance of connecting research to extension activities through training, technology demonstration, farmer engagement, and volunteerism. Pablo emphasized that embracing PRIME leads to the highest quality and value in research, aligning with the university's goals to produce impactful outputs.

The winning papers in each category were recognized and will represent the University at the upcoming Regional Symposium scheduled for October 2024.//PJG

Scan to access list of winning papers:





Participants during the workshop session of the *Talipnan di Biyag: Ap-apat on Indigenous Wellness and Healing Systems* held on August 19-20, 2025 at the DSG Hall, CTE/PGadang

BSU hosts activity to bridge traditional and mainstream health systems

In an effort to safeguard indigenous knowledge and bridge the gap between traditional and mainstream health systems, Benguet State University (BSU) hosted a two-day activity titled "*Talipnan di Biyag: Ap-apat on Indigenous Wellness and Healing Systems*." The event, held on August 19-20, 2025, was attended by academic researchers, traditional healers, and community leaders to foster a more equitable, culturally grounded, and sustainable healthcare system for Indigenous Peoples in the Cordillera Administrative Region and beyond.

The activity was spearheaded by BSU's Institute of Social Research and Development (ISRD), College of Social Sciences, College of Nursing, and Partners for Indigenous Knowledge Philippines (PIKP). It aimed to disseminate research on indigenous health systems, identify gaps in the integration of indigenous knowledge into the current healthcare framework, and discuss practices and challenges. It also sought to identify strategies and policies to strengthen the transmission and institutional support for the indigenous knowledge in health.

In his message, BSU VP for Research and Extension Roscinto Ian C. Lumbres highlighted the event's importance as a platform for science and culture. He emphasized that the collaboration between researchers and indigenous communities is for the betterment of society. Lumbres also said that the younger generation are the one to inherit our indigenous knowledge.

BSU President Kenneth A. Laruan represented by Maridel P. Langbis, Executive Assistant of the Office of the President, stated that there should be a need for harmony of mind, body, spirit, and community, and that indigenous knowledge systems should be integrated into policy, education, and community development.

Keynote Speaker Dr. Penny A. Domogo, a retired Provincial Health Officer of Mountain Province, emphasized that wellness is not just the physical health, citing the World Health Organization's definition of health as a state of complete physical, mental, and social well-being. She compared this to the indigenous worldview, which sees wellness as rooted not only in

the body, mind, emotions, and spirit but also in harmony with the family, community, environment, land, and cosmos.

She highlighted that indigenous healing is communal, requiring reconciliation, shared responsibility, and restored harmony within communities. While there are existing modern medicine, Domogo noted that diseases continue to emerge, proving the importance of indigenous healing practices as vital to the survival of humanity and future generations. She also reminded participants of the key laws protecting indigenous knowledge and healing practices, which are the Republic Act 8423 or the Traditional and Alternative Medicine Act (TAMA) of 1997, and Republic Act 8371 or the Indigenous Peoples Rights Act (IPRA) of 1997.

Domogo ended her message with a call to action for indigenous healers to share their wisdom, for the youth to learn from their elders, for academe to reframe research methodologies, and for government agencies to fully implement the protecting laws.

"Healing is not just about surviving, not just getting over one illness after another. It is about remembering and reclaiming who we are and walking towards a future where we can all thrive," Domogo said.

Following the messages, the discussions began with a presentation by Maria Elena Regpala of the Centers of Distinction on Indigenous and Local Knowledge & PIKP, who talked about the "Indigenous Worldview on Health and Wellness." This was followed by Sixto T. Talastas, who discussed "A Glimpse of

Indigenous Healing in the Cordillera." Both presentations highlighted perspectives on the region's indigenous healing systems.

Next, healers and leaders shared their personal experiences and the challenges of preserving indigenous healing practices. Healing ritual leader Mike P. Tauli presented on the "Status, Experiences and Challenges of *Daw-es* Community and Group Healing." Mambunong healers Eduardo B. Daniel and Amante T. Sagandoy shared insights from their work as healers. Corazon D. Loste discussed topics on medicinal plants and Claire Dogwe on *ilot-massage*.

The academe also contributed researches that highlighted the science and indigenous practices. Rodelyn C. Simeon, a student from the College of Nursing, presented their study on the use of complementary and alternative medicine in cancer patients. Ruth S. Batani, Director of the Office of Research Services, shared their research "*Agas ay Nabe-as ken Pokhus*."

Karryl Mae C. Ngina, ISRD Division Head on Gender and Development, also discussed "*Ili ay Napuwan: Rootedness and the Unseen Connection towards Indigenous Healing*." Ann Heather B. Kiwang, ISRD Director, presented their work on "The Experience of Mental Illness in an Indigenous Community," while Maureen E. Gay-as, ISRD Division Head on Health and Nutrition, shared the study "*Seded, Kawil tan Ta-ed: The Healing Journey of Mambunong*."

BSU hosts...continued on page 8

Open University hosts seminar-workshop on ODeL-Aligned Teaching

The Benguet State University-Open University (BSU-OU) hosted a two-day seminar-workshop for its faculty members on July 30–31, 2025, at the BSU-OU Conference Hall and simultaneously via Zoom. The activity, titled "Faculty Retooling Workshop on Module and Course Guide Development, Learning Management System, and Research Ethics Process," was conducted as part of the Open University's continued commitment to advancing distance education for its students through Open Distance eLearning (ODEL).



The first day of the seminar-workshop was set in tone by OU Director Samuel S. Poliden through an opening message. Poliden welcomed all the participants who attended onsite and virtually. He emphasized that the activity was intentionally designed with the following objectives: to equip BSU-OU faculty with the essential skills and competencies needed to develop inclusive and effective instructional materials tailored for the online learning environment; to promote the use of the Learning Management System (LMS) as a vital tool for teaching and learning in an ODeL setting; and to update faculty members, particularly those serving on student advisory committees, on the latest guidelines for the research ethics process, enabling them to better guide their advisees and apply ethical standards in their own research activities.

The seminar-workshop session began with a module development discussion led by Imelda G. Parcasio, Special Assistant to the VP for Academic Affairs and former Chair of the University Instructional Development Committee. In her discussion, Parcasio highlighted how a course facilitator can deliver effective learning materials to students. She provided

a walkthrough of the module development process, guiding participants through each stage. She also discussed the processes and requirements followed by the university in instructional materials development.

The second session was the presentation delivered by Dr. Florence V. Poltic, Chair of the Research Ethics Committee (REC). Her talk covered the key elements and major considerations of research ethics, as well as the processes and guidelines set by the REC. Dr. Poltic emphasized the importance of applying ethical standards to both graduate students' thesis work and faculty research. For the third session, Igrellyn P. Pinos-an, OU Assistant Director for Open Distance Learning, discussed the topic Course Design for ODeL. She encouraged faculty members to adopt ODeL-aligned approaches in developing engaging and pedagogically sound instructional materials for online learning.

The second day of the activity was slated for a series of workshop sessions. The morning session focused on horizontal syllabi and course guide development aligned with the principles of ODeL. These workshop outputs were designed to support faculty in effectively delivering

their courses and to guide students in successfully completing their coursework throughout the semester.

Finally, the afternoon lecture-workshop on the use of the LMS, specifically MOODLE was delivered by Assistant Director Dandy P. Tindaan. The session provided faculty members with an orientation on the platform's features and functionalities, including account creation, course setup, and navigation. The hands-on component of the workshop allowed participants to explore LMS tools that can be used to facilitate online teaching and learning more efficiently. Tindaan emphasized that the workshop will be followed by a series of sessions to support the continuous learning and system familiarization of all faculty members with the system.

The two-day seminar-workshop not only served as an avenue for enhancing knowledge and skills in the delivery of open and distance eLearning but also provided a platform for updates on developments within the OU. It offered faculty members the opportunity to ask questions, share feedback, and contribute ideas for improving various university processes.//OU

CNAS Math...from page 3

students in developing MI and MCS projects, better preparing them for the upcoming Science-Mathematics Festival in October 2025. One teacher described the event as "an opportunity to upgrade ourselves as teachers in order to cope with the trends and issues of our

research projects," while another noted the relevance of learning about computational science, which is "not usually taught at the undergraduate or graduate level."

The seminar-workshop was conducted under CNAS's extension program REACH, which aims to bridge academic

expertise with community needs through training, capacity-building, and knowledge-sharing initiatives. BSU supports #SDG 4 (Quality Education), SDG 9 (Industry, Innovation, and Infrastructure), and #SDG 17 (Partnerships for the Goals).//NW.Sibaen

BSU hosts National Valuation Training to commercialize research

In line with the commercialization of inventions and other projects funded by the Department of Science and Technology - Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development - Technology Transfer and Promotion Division (DOST-PCAARRD-TTPD), Benguet State University (BSU) hosted a face-to-face National Valuation Training Batch 1A. This was held on August 25-29, 2025 at Olive Town Center and Hotel, Baguio City.



The event was facilitated by the Regional Agribusiness Hub of the Cordillera Administrative Region - Regional Agri-Aqua Innovation System Enhancement (CAR-RAISE) program in partnership with the Association of PAQE Professionals, Inc. (APP). This was attended by 39 participants from the 26 Consortium Member Institutions from CAR, Region I, Region IV, and Region V.

In the opening program, BSU President Kenneth A. Laruan emphasized that the participants gathered to discover how the innovation can be brought to life, citing a quote from Thomas Edison, "the value of an idea lies in the using of it."

Laruan noted that many ideas from students and researchers often remain in libraries and publications. He emphasized the training aims to help them see beyond and explore opportunities for commercialization.

Following Laruan's message, APP President Editha R. Hechanova thanked BSU for hosting the training. She highlighted that the training is designed to help state universities, colleges, and Research and Development Institutes (RDIs) assess their technologies' feasibility for commercialization.

"Not only are you contributing to the vast knowledge already out there but perhaps making living less problematic for some and more productive, pleasant, safe, and perhaps enjoyable," she said, explaining that researches are possible inventions that can solve problems and enhance human lives.

Hechanova added that the training provides a "more concrete measure" of a research output's value. This also helps in attracting grants and scaling up the commercialization of inventions.

To bring better understanding and techniques in coming out with more accurate measure of the value of the technologies, experts led by Don Thed J. Ramirez, along with Emil John Cabrera and Fitz D. Jimenez shared their knowledge. The experts presented a five-day training program focused on IP valuation and its role in commercializing research. The training included sessions on fundamental IP concepts, market analysis, and various valuation methodologies.

On the first day, Cabrera provided an overview of the basics of Intellectual Property (IP), including discussions on Technology Readiness Level (TRL) and

strategic environmental analysis using SWOT and PESTEL frameworks. Following this, Jimenez introduced the TAM-SAM-SOM framework for analyzing the market potential. The day concluded with Ramirez's session on the introduction of IP valuation and cost method.

The second day, led by Jimenez and Ramirez, focused on the Income Method of valuation. Jimenez covered the background to income method & key concepts of DCF approach. Ramirez then discussed the Relief from Royalty and Excess Earnings models.

The third day was dedicated to the Market Method, with Ramirez explaining the 25% Rule and the Industry Standard Model. He later joined Cabrera for a session on the advantages and disadvantages of market method, followed by a summary of valuation techniques.

On the fourth day, Ramirez lectured on creating leverage in negotiations and the use of IP valuation models for negotiation practices. The training concluded on the fifth day where participants presented their outputs they developed during the workshops. A socialization dinner and games was also held as a part of the program's activities.

Following the presentation of outputs, Hechanova congratulated the participants for completing the five-day course and thanked BSU for hosting the training. She noted that the participants' presentations showed the training to be "exceedingly fruitful."

Hechanova also shared the three stages of the valuation process: defining the context and purpose, performing the valuation, and reporting to the university. She added that the facilitators guided participants in identifying assets to be valued, provided additional information, and introduced various valuation methods to further develop their skills.

In her closing remark, RAISE CAR Program Leader Ruth C. Diego said that there has been a challenge of commercializing technology in the universities. She then extended her thank to the DOST PCAARRD, APP, and the experts for their support.

Diego commended the participants' willingness to learn and share knowledge for the betterment of their agencies. She also hoped that the participants enjoyed the training and congratulated everyone involved in the training.//BTayaban

BSU hosts... from page 6

The second day started with the series of presentations on policy and health systems perspectives. Regpala shared the comparative study on Indigenous and Energy Healing. Christine Grace B. Sidchogan-Lazaro, faculty member of the College of Information Sciences, presented the brief policy in considerations for integrating indigenous healing into intercultural health guidelines for Northern Luzon's Indigenous Peoples.

Dr. Mercedes S. Calpito also provided an overview of the guidelines for delivering basic health services to Indigenous Cultural Communities and Indigenous Peoples. Erlinda C. Palaganas, Regional Coordinator of the Cordillera Regional Health Research and Development Consortium, then discussed pathways for integrating Indigenous

Knowledge Systems into the academe and the broader health system.

The two-day activity ended with a workshop where participants shared the challenges they face in promoting, transmitting, and practicing indigenous health and wellness. They also identified what is needed to advance these practices, as well as current plans and programs.//BTayaban