



Annual **REPORT** **2023**



**CAGAYAN STATE
UNIVERSITY**

Vision

Cagayan State University is a University with global stature in the arts, culture, agriculture and fisheries, the sciences as well as technological and professional fields.

Mission

Cagayan State University shall produce globally competent graduates through excellent instruction, innovative and creative research, responsive public service and productive industry and community engagement.

Core Values

Competence

Critical Thinker
Creative Problem -Solver
Competitive Performer: Nationally, Regionally and Globally.

Social Responsibility

Sensitive to Ethical Demands
Steward of the Environment for Future Generations
Social Justice and Economic Equity Advocate.

Unifying Presence

Uniting Theory and Practice
Uniting Strata of Society
Unifying the Nation, the ASEAN Region and the world
Uniting the University and the community.

ANNUAL REPORT 2023

Office of the University President
University Information Office

Copyright 2023 by the Cagayan State University
Caritan Sur, Tuguegarao City, Cagayan Valley 3500 Philippines
ISSN 2704-3215

MESSAGE OF THE PRESIDENT

As we reflect on the year 2023, I am filled with pride as I witness the remarkable persistence, tenacity and hard work that have characterized our journey.

This year has been a testament to the power of collaboration across our various departments, campuses, and colleges. Our unified efforts have propelled us to new heights, yielding substantial results in key areas of Instruction, Research, Production and Extension. Together, we have established CSU as a beacon of academic excellence, celebrated not only within our region but also on the international stage. The consistent success of our topnotchers across diverse programs exemplifies our shared dedication to nurturing talent and fostering a culture of excellence.

In 2023, we have made significant strides in enhancing our quality assurance processes, demonstrating our commitment to continuous improvement. Our collaborative spirit has been instrumental in opening new academic programs and strengthening partnerships both locally and globally. As a socially responsible institution, we have remained agile in addressing contemporary issues, conducting research aimed at improving educational access for the underprivileged and enhancing livelihood opportunities for marginalized communities.

Moreover, our ongoing commitment to infrastructure development reflects our dedication to providing a safe, conducive environment for learning. Through the concerted efforts of our community, we have ensured that our campuses are equipped to support the academic and personal growth of our students.

These accomplishments are a direct result of the hard work and collaboration of every member of the CSU family. They embody our university's motto, AD ASTRA PER ASPERA—to the stars through hard work. Together, we have proven that when we unite our strengths and resources, we can achieve extraordinary outcomes.

I am immensely proud of our CSU family for leading the way in skills proficiency and excellence, for providing selfless service to our region and for elevating our institution's reputation on regional, national and international platforms. Together, through our unwavering dedication, Cagayan State University is moving ever closer to the stars.



URDUJAH GAERLAN-ALVARADO, Ph.D., CESO II

Contents

Instruction

- Introduction - 6**
- Performance in Licensure Examination - 9**
- CSU National Board Topnotchers - 11**
- Faculty Development - 12**
- Curriculum Development - 14**
- Instructional Materials Development - 14**
- University Quality Assurance Office - 20**
- Office of Student Development and Welfare - 21**

Administration and Finance

- Introduction - 24**
- Vice President for Administration and Finance Initiated Activities - 25**
- Financial Performance - 30**

Research and Development

- Introduction - 32**
- Accomplished based on NEP - 33**
- Research & Development Programs/Projects Implemented - 34**
- On-going Researches - 35**
- Completed Researches - 36**
- Research and Evaluation - 37**
- Winning Research Papers - 38**
- Search for Best Undergraduate Thesis - 40**
- R&D Outputs Dissemination - 40**
- Research & Development Capability Building - 46**

Extension

- Introduction - 54**
- Performance Based-Bonus (PBB) Accomplishment - 55**
- Highlight of Activities - 58**
- Externally Funded Projects - 60**

Internationalization, Partnership and Resource Mobilization

- Domestic and International Partnership - 67**
- Internationalization - 72**

Governance - 74

2023 Infrastructure - 88

Gender and Development - 96



INSTRUCTION



Following the extraordinary difficulties the worldwide pandemic has presented, the Office of the Vice President for Academic Affairs (VPAA) has demonstrated resilience, adaptability, and unwavering commitment to academic excellence. As we reflect on the accomplishments of Fiscal Year 2023, it is evident that our institution has navigated through tumultuous times with foresight, strategic planning, and steadfast dedication to our academic mission. In this report, we highlight the remarkable achievements of the university on academic affairs while emphasizing the adjustments and preparations undertaken to usher in the post-pandemic era of higher education.

The fiscal year 2023 presented numerous challenges stemming from the lingering effects of the global pandemic. The VPAA office, in close collaboration with academic units, faculty members, administrative units, and alumni association navigated through these challenges with resilience and agility. Rapid transitions to online learning modalities, implementation of health and safety protocols, and support for faculty and students amidst unprecedented disruptions were among the pivotal initiatives undertaken to ensure the continuity of academic operations.

Amidst the challenges, the VPAA office embraced innovation and digital transformation to enhance the quality and accessibility of education. Investments in technological infrastructure, professional development

programs for faculty on digital pedagogies, and the expansion of online learning resources were instrumental in providing uninterrupted academic engagement and fostering a culture of innovation in teaching and learning.

Significantly, in an effort to continue the delivery of relevant and quality education, the university has continued the utilization of online learning platform, the LENS, where majority of classes university-wide have taken place. The problem on internet connectivity experienced by both faculty and students has been resolved through the use of printed modules. In this year, the university has implemented the blended and flexible learning modalities of instruction. Aside from LENS, other online and social media platforms have been used to reach students. Majority of students both graduate and undergraduate have benefitted from these modalities of teaching and learning.

Despite the upheavals brought about by the pandemic, the VPAA office remained steadfast in advancing academic excellence across all facets of institutional endeavors. Rigorous assessment and accreditation processes, strategic curriculum enhancements, and faculty development initiatives were prioritized to uphold the highest standards of academic quality and relevance. Moreover, efforts were made to promote interdisciplinary collaboration, research excellence, and student-centered approaches to education.

As we look ahead to the post-pandemic era, the university through the VPAA office is proactively preparing to address the evolving landscape of higher education with foresight and adaptability. Strategic planning initiatives, scenario analysis, and stakeholder consultations are underway to anticipate and mitigate potential challenges while leveraging emerging opportunities. Moreover, the office is committed to fostering a culture of resilience, innovation, and inclusive excellence to ensure the holistic development and well-being of our academic community.

Markedly, the graduate program involving students in the United States commenced during the period of the pandemic when all higher education institutions transitioned to online learning. The present program by which students in the United States complete their studies through the virtual delivery of classes is merely a continuation of what commenced during that period which resulted to the successful conduct of the 1st Offshore Academic Convocation in November 2022. There is no doubt that the academic community is continuously delivering its quality distance learning to students in the United States of America, hence, the conduct of the 2nd Offshore Academic Convocation on January 27, 2024.

On faculty professional development thirteen (13) faculty members have successfully completed their master's/doctoral degrees which improved the Faculty Profile of the university.

Furthermore, despite challenges, the university had excelled in board examinations. The CSU Performance in Licensure Examination compared to the national passing rate as based on Philippine Regulation Commission (PRC) released with 81.47% actual accomplishment of the university surpassing the 50% institutional target.

In alignment with our dedication to academic excellence, the University Program Accreditation Team, spearheaded the preparation for accreditation processes conducted by the Accrediting Agency of Chartered Colleges and Universities in the Philippines (AACCUP). Mock accreditation exercises were conducted comprehensively across all campuses and colleges, simulating real accreditation scenarios to refine institutional readiness and performance. Furthermore, University Program Accreditation unit facilitated the seamless execution of actual survey visits in all campuses and colleges, demonstrating a commitment to meeting and exceeding accreditation standards.

In pursuit of global recognition and benchmarking, OUQA submitted requisite data and documentation for consideration in the Impact Ranking on November 14, 2023. This initiative reflects our institution's aspiration to showcase impactful contributions to society and the broader academic community.

Responding promptly to evolving accreditation requirements, the University effectively addressed additional requirements recommended by AACCUP in

December 2023. This proactive approach underscores our dedication to maintaining and improving institutional performance in alignment with global benchmarks.

In the year 2023, 19, 259 number of takers took the College Admission Test based on their First Priority courses; while a total of 39, 101 students were enrolled in Academic Year 2023-2024.

On the total number of grantees and scholars for Fiscal year 2023, the university has a total number 1,197 Academic Grant Scholars. Carig has the highest number of Academic grant scholars with a total of 535 followed by Andrews Campus with 286, Gonzaga Campus with 116, Aparri with 64, Sanchez Mira with 13, Lal-lo with 26, Piat with 3, Solana with 153, and Lasam with 1 in total. Comparing the data for Academic Grant Scholars in the Year 2022, there was an increase in scholars under Internationally Funded, Government-Based, and Private-Based, with a total increase of 0.53%, equivalent to 1,029 scholars for this Fiscal Year 2023. Meanwhile, under Internally Funded (In House), there was an unexpected decrease of 4.93% due to a moratorium with the purpose of rationalizing the Financial Incentive Program.

Also, the university has a total number of 3, 835 Non-Academic Grant Scholars for Fiscal year 2023. Carig has the highest number of Non-Academic scholars with a total of 980 followed by Sanchez Mira with a total of 667, Andrews Campus with 622, Aparri Campus with 480, Piat Campus with 338, Lasam Campus with 492, Solana Campus with 12, Gonzaga Campus with 159, and Lal-lo Campus with 125 in total. There was an increase of scholars under Internationally Funded, Government-Based, and Private-Based with a total increase of 0.78% equivalent to 3,423 scholars. Meanwhile, under Internally Funded (In House), there was a sudden decrease of 0.28%.

Moreover, the university has a total of 243 accredited student organizations for this Academic Year 2023-2024. Carig Campus has the highest number of accredited student organizations for this Academic Year 2023-2024 with a total of 51 followed by Andrews Campus, Aparri Campus, Lallo Campus, Piat Campus, Gonzaga Campus, Sanchez Mira Campus, Lasam Campus, and Solana Campus with a total of 41, 35, 31, 21, 17, 30, 12 and 5 respectively.

One of the activities under the Information Services is the Orientation which is usually given to new students at the start of the school year. Through the Orientation program, students are given an overview of the complete realm of university life. They are also given the chance to know the different services that the University offers to them as well as the people manning the different offices whom they will be in constant contact with. University and Campus Officials are also presented during the activity. Another activity under Information Service is the growth sessions/fora being conducted by the Counselors. For the new students to have a happy and smooth sailing adjustment in their new environment, topics on college

adjustments were given by the Counselors like: "Healthy Student's Life: Don't Just Survive, Thrive!", "Resiliency Amidst Adversity Among College Students", "Navigating College Transition: A Guide to Success", "Mental Health: Mind Matters" and "The ABCDE of Overcoming Adversity". Other sessions given to higher year levels include: "Time Reset For A More Productive You", "Reframing Thoughts and Emotions" "Sports in Mental Health", "True Love Waits", "Gender Sensitivity Training and Psychological First Aid".

To facilitate the research needs of the Faculty Members and Students, the University Library embedded the available online resources to its website (<http://lib.csu.edu.ph/>). The subscribed electronic books, journals, and other research materials are classified according to subject or discipline for its easy access and retrieval. The Web Online Public Access Catalog (often abbreviated as Web-OPAC) is readily available as well. This is an online database of materials which serves as the gateway to the library's collections.

In order to accommodate interactive reference queries of the library patrons, the University Library launched its Facebook Page. Once the client enters the Library's Website (<http://lib.csu.edu.ph/>), a Customer Chat Box is floating usually on the right bottom part of the webpage. The researchers can seek reference assistance thru Facebook Messenger. Consequently, the designated Library Reference Assistant will direct the client by providing the links or URLs of the desired information.

The campus Intramurals, held on various dates, and the University Meet held on March 28-31, 2023 at Gonzaga Campus was a vibrant and engaging sports competition that brought together students, faculty, and staff from our institution.

The event witnessed enthusiastic participation from various departments and academic levels. Teams were formed, creating a dynamic mix of players, fostering camaraderie across different segments of the campus. A diverse range of sports and recreational activities were included to cater to different interests and skill levels. This inclusivity allowed a broad spectrum of participants to engage in the event. The event was well-organized with clearly defined schedules, rules, and regulations. Each sport had its designated area, and a central control point facilitated smooth coordination between teams and event organizers. The spirit of sportsmanship and fair play was evident throughout the event. Participants adhered to the rules, and mutual respect among teams prevailed, creating a positive and competitive atmosphere.

This event was a resounding success, fostering a sense of community, promoting physical activity, and providing a platform for friendly competition. The positive feedback

and high participation rates underscore the event's impact on campus life. By addressing the recommendations for improvement, future iterations of the Intramurals event can continue to be a highlight of the academic calendar, bringing the campus community together through sports and camaraderie.

The University Socio-Cultural Office has been actively engaged in fostering the talents and skills of our student performers through a variety of activities both within the campus and beyond. Over the past reporting period, the office has tirelessly worked towards organizing presentations, conducting socio-cultural activities, and participating in enriching seminars and workshops.

Likewise, various resolutions related to academics were sought from the Board of Regents such as resolution for Curricula Enrichment of the Graduate School Program for AY 2023-2024, Increase of the Alumni Fees for Graduating students, Increase of Tuition Fee and Other fees for AY 2023-2024, Second on site graduation of International Graduate Students, Amendment of the IRR of the Student Mutual Aid Program, Split of the College of Arts and Sciences into College of Humanities and Social Sciences and College of Natural Sciences and Mathematics, Continuity Plan under the Student Welfare Services and Gender and Development, Creation of Eight Instructor 1 position through Scrap and Build Policy, Moratorium of Scholarship for Faculty Members, Adopting the Guidelines on the Implementation of the Tulong Dunong Program for SUCs, and Conferment of Doctor of Science Honoris Causa to Department of Science and Technology Undersecretary Sancho Alvarado Mabborang.

One of the major activities of the Office of the Vice President for Academic Affairs is the successful implementation of the DBM CHED JC series of 2022 for the evaluation of faculty documents for reclassification which had started from August 2023 to February 2024, final results of which have yet to come out.

The accomplishments of the Academic Department of the University in Fiscal Year 2023 underscore our institution's resilience, dynamism, adaptability, and unwavering commitment to academic excellence in the face of unprecedented challenges. As we prepare to embark on the post-pandemic era of higher education, the VPAA office remains steadfast in its dedication to fostering innovation, advancing academic excellence, and nurturing a vibrant learning community. With a collective spirit of collaboration, creativity, and resilience, we are confident in our ability to navigate through uncertainties and emerge stronger, more resilient, and better equipped to fulfill our academic mission in the years to come.

PERFORMANCE IN LICENSURE EXAMINATION

In the dynamic landscape of professional standards and qualifications, CSU maintains its goal in producing Licensure passers this 2023. This Fiscal Year, our institution surpasses its Physical Target in terms of First-time Takers.

Physical Target of CSU on Licensure Examination (First Time Takers) and Actual Accomplishment, Academic Year 2023

Target	Physical Accomplishment
Physical	50%
Actual Accomplishment	81.47%

The CSU performance along Licensure Examination with emphasis on first time takers exceeded the physical target. The actual accomplishment is 81.47% which is 31.47% higher than the physical target of 50%.

Average Passing Rate of CSU on Licensure Examination, Academic Year 2023 compared to National Passing Rate, First Time Takers

Level	First Time Takers		
	Takers	Passers	Average
CSU	3,060	2,493	81.47
NATIONAL	426,879	236, 124	51.01
AVERAGE PASSING PERCENTAGE OF SUC/ NATIONAL AVERAGE PASSING			160%

CSU performed well in the 2023 licensure examination despite the challenges faced by the university and its students. The performance of CSU is 160% higher than that of the national passing average.

Performance in the Licensure Examination per Campus, First Time Takers

Campus	First Time Takers		
	Takers	Passers	Average
ANDREWS	1,077	979	90.90
APARRI	351	264	75.21
CARIG	814	624	76.66
GONZAGA	131	95	72.52
LALLO	182	148	81.32
LASAM	56	45	80.36
PIAT	260	207	79.62
SANCHEZ MIRA	194	136	70.10
TOTAL	3,004	2,449	81.52%

The licensure examination of the campuses is comparable. All campuses Surpasses the 50% Target with Andrews Campus as the highest.

Comparison of CSU Overall Performance-First Time Takers with the National Performance-First Time Takers, Academic Year 2023

Program	Institutional			National Average
	Takers	Passers	Average	
Accountancy	69	25	36.23	29.17
Agricultural & Bio-system Engineer	66	32	48.48	41.33
Chemical Technician	50	46	92	86.21
Chemistry	11	3	27.27	60.35
Civil Engineer	159	101	63.52	60.38
Criminology	189	119	62.96	45.74
Master Electrician	12	10	83.33	68.39
Electrical Engineer	57	40	70.17	50.16
Electronics & Communication Engineer	15	1	6.66	32.56
Electronics Technician	18	10	55.56	56.47
Fisheries & Aquatic Sciences	31	20	51.28	39.13
Professional Teacher-Elementary	386	364	94.30	73.10
Social Worker	55	57	92.73	46.86
Respiratory Therapist	136	136	100	79.70
Veterinarian	19	1	5.26	28.08
Agriculture	119	58	48.74	38.97
Chemical Engineer	19	14	73.68	73.88
Medical Technologist	209	206	98	81.53
Physician	81	64	79.01	73.20
Professional Teacher-Secondary	1345	1123	83.49	72.58
Psychometrician	58	35	60.34	76.78
Librarian	15	15	100	75.55
Master Plumber	29	19	65.52	47.45

The performance in 13 programs was higher than the national passing rate for the overall takers. There is a need to improve performance in Chemistry, Master Electrician, Electronics & Communication Engineer, Electronics Technician, Fisheries & Aquatic Sciences, Veterinarian, Agriculture, Chemical Engineering, and Psychometrician examinations.

CSU National Board Topnotchers



CSU National Board Topnotchers, Academic Year 2022

Name	Licensure Examination	Rank	Rating
Prince Joshua Guzman Carag	Respiratory Therapists Licensure Examination	1st	90.75
Hiyasmin Cortez Ramos	Respiratory Therapists Licensure Examination	1st	90.75
Ralph Kenneth Nastor Ramos	Respiratory Therapists Licensure Examination	2nd	90.5
Rona Beatrice Maestrecampo Quitlib	Respiratory Therapists Licensure Examination	3rd	90.25
Jonathan Caballos Adviento	Respiratory Therapists Licensure Examination	7th	89.25
Lycha Manuel Zingabo	Respiratory Therapists Licensure Examination	7th	89.25
Jan Ceasar Chy Abaya	Respiratory Therapists Licensure Examination	10th	88.5
Maryjan Paginas Lappay	Respiratory Therapists Licensure Examination	10th	88.5
Ramel Adriano Mordido	Respiratory Therapists Licensure Examination	10th	88.5
Dean Carlo Miramonte Revita	Respiratory Therapists Licensure Examination	10th	88.5
Emer Joseph Acorda Turo	Respiratory Therapists Licensure Examination	10th	88.5
Ma. Erika Asuncion Abella	Licensure Examination for Professional Teachers - Elementary	2nd	92
Dazel Jean Samoy Alariao	Licensure Examination for Professional Teachers - Elementary	9th	90.6
Peter Joh Peralta Ballad	Librarians Licensure Examination - September	9th	87.45
Hermie Jay m. Bacud	Licensure Examination for Agriculturist - November	4th	86.5

Faculty Development

Faculty Members who Earned their Graduate Degree in 2023



AGOTO, JESTY S.

PhD in Educational Management



BAQUIRAN, JAYSON C.

Ph.D. in Education major in Educational Management



BINASOY, JOEL

Doctor of Public Administration



CAMACAM, JOSE AUREO

Master of Science major in Agriculture



CAUREL, CHRISTOPHER V.

Doctor of Philosophy major in Psychology



CHUA, JINKY MARIE

PhD in Education major in Chemistry



ELIZAGA-PAGALILAUAN, JENELYN

Doctor of Public Administration



LUYUN, JENNIFER

PhD in Education major in Science Education



LUIS, LARA MELISSA G.

Master of Science
major in Biology



UTANES, NARGLORIC C.

PhD in Educational Management



PACUBAT, RONEL T.

Doctor of Philosophy
major in Psychology



AUSTRIA, MA. KRISCHEN

Master of Science in Teaching
major in Chemistry



ENJAY, JAVIER

Master in Public Health



HIPOLITO, KRISHA ANNE

Master in Public Health



QUILANG, JANE P.

Master of Arts in Education major in
Technological Education Management



TABIL, JOHN MICHAEL

Master of Science in Agriculture

CURRICULUM DEVELOPMENT

The goal of curriculum development is to design and implement an educational plan that effectively facilitates learning and prepares students for various aspects of life, it is used to enhance educational opportunities and instructional techniques in order to boost student participation in the learning process and raise academic performance.

In the pursuit of academic excellence and continuous improvement under the Curriculum development, the Office of the Director for Instruction conducted different trainings and seminars that helps in strengthening our academic programs a providing quality education that meets the needs of the ever-changing global landscape.

List of Trainings and Seminars Conducted for the Curriculum Development

Trainings	
1.	Revisiting Framework of CSU Curriculum toward Global and innovative Education
2.	Curriculum planning for Ph.D in education Major in Science Education, Master in Public Health and Master of Science Teaching Programs
3.	Curriculum Quality Audit and Syllabi Writing
4.	Curriculum and Revisit Seminar on Constructive Alignment and Internalization
5.	Seminar Workshop on Revisiting the framework of CSU Curriculum Toward Global and Innovative Education
6.	Seminar-Workshop on Revisiting the Criminal Justice Education Curriculum Towards Constructive Alignment

Another accomplishment under the Curriculum Development is the Revision of office procedures for ISO:9001:2015

INSTRUCTIONAL MATERIALS DEVELOPMENT

The Office of the Director for Instruction has a crucial role in influencing the university's creation of its teaching materials as the creation and enhancement of such instructional materials play a pivotal role in fostering effective teaching and learning experiences. One of the identified needs in education is to intensify the development of instructional materials by giving faculty members the technical skills necessary to create high-quality, reliable, and reputable materials as well as to motivate them to create IMs that are intrinsically motivated and purpose-driven. The University's objective is to produce published, high-quality modules because there are currently established methods for creating instructional materials that include draft teaching modules that have previously been granted copyright protection.

In the previous years, the ODI initiated the IM development by creating a group of writers and evaluators to create a GEC Module to be standardly utilize by the University.

This year, the GEC modules undergoes final review, evaluation and finalization. As a result, Purposive Communication and Science Technology and Society Modules are ready for Printing and Publication. The other modules are still being edited by the writers for its Printing and Publication. Hence, it is with great anticipation that the qualirt modules will realized by school year 2024-2025

In addition, based on the reports submitted by the Campus IM Coordinators, the table below shows the status of Instructional Materials per Campus.

Instructional Material Status per Campus

Campus	Completed	Ongoing	Proposed
Andrews	25	23	1
Aparri	19	5	0
Carig	6	0	0
Gonzaga	11	8	0
Lal-lo	0	23	15
Lasam	8	3	0
Piat	7	1	0
Sanchez Mira	12	24	0
Solana	0	0	0
Total	88	87	16

As of March of 2023. Based on the Report submitted by the IM Coordinators

FACULTY DEVELOPMENT

Number of Faculty with Graduate Degree in 2023 per campus

Campus	Master	Doctoral
Andrews	107	75
Aparri	25	37
Carig	148	64
Gonzaga	22	20
Lallo	29	10
Lasam	17	9
Piat	37	22
Sanchez Mira	35	21
Solana	4	0
Total	424	258

LIST OF ACCREDITED PROGRAMS OF CAGAYAN STATE UNIVERSITY BY AACUP AS OF 2023

PROGRAMS		ACCREDITATION LEVEL STATUS
Andrews		
<i>Graduate</i>		
1.	Doctor of Philosophy in Education Major in English Language Education	II
2.	Master of Arts in Education Major in Educational Management	II
3.	Master of Arts in Education Major in English	II
4.	Master of Arts in Education Major in Social Studies	II
5.	Master of Arts in Education Major in Technology Education Management	II
6.	Doctor of Philosophy in Education Major in Educational Management	II
7.	Doctor of Philosophy in Education Major in Science Education	II
8.	Master of Arts in Education Major in Filipino	I
9.	Master of Science in Teaching Major in Biology	II
10.	Master of Science in Teaching Major in Chemistry	I
11.	Master of Science in Teaching Major in Mathematics	I
12.	Master of Science in Teaching Major in Physics	II
13.	Master in Public Health	II
<i>Undergraduate</i>		
1.	Bachelor of Elementary Education	III
2.	Bachelor of Secondary Education Major in English, Filipino, Mathematics, Science & Social Studies	III
3.	Bachelor in Early Childhood Education	III
4.	Bachelor of Technology and Livelihood Education Major in Home Economics	III
5.	Bachelor of Technical-Vocational Teacher Education Major in Electronics Technology and Food Service Management	II
6.	Bachelor of Science in Medical Laboratory Science (Former: Bachelor of Science in Medical Technology & Bachelor in Medical Laboratory Science)	II
7.	Bachelor of Science in Hospitality Management (Former: Bachelor of Science in Hospitality Industry Management)	II
8.	Bachelor of Science in Entrepreneurship	II
9.	Bachelor of Science in Business Administration Major in Financial Management	II
10.	Bachelor of Science in Business Administration Major in Marketing Management	II
11.	Bachelor of Science in Accountancy	II

12.	Bachelor of Science in Legal Management	I
13.	Bachelor of Science in Accounting Information System (Former: Bachelor of Science in Accounting Technology)	I
14.	Bachelor of Science in Respiratory Therapy	I
15.	Bachelor of Science in Public Health	I
Aparri		
<i>Graduate</i>		
1	Doctor of Philosophy in Education Major in Educational Management	II
2	Master of Arts in Education Major in Educational Management and English	II
3	Master of Science in Teaching Major in Mathematics	II
4	Master of Science in Information Technology	I
<i>Undergraduate</i>		
1	Bachelor of Science in Fisheries	III
2	Bachelor of Science in Accounting and Information System (Former: Bachelor of Science in Business Administration/Bachelor of Science in Accounting Technology)	II
3	Bachelor of Science in Hospitality Management (Former: Bachelor of Science in Hospitality Industry Management)	II
4	Bachelor of Science in Information Technology Major in Programming Track, Web Developing Track and Multimedia Track	II
5	Bachelor of Science in Industrial Technology Major in Automotive Technology, Electrical Technology and Electronics Technology	II
6	Bachelor of Science in Criminology	II
7	Bachelor of Elementary Education	II
8	Bachelor of Secondary Education Major English, Mathematics and Physical Science	II
Carig		
<i>Graduate</i>		
1	Doctor of Public Administration	III
2	Master in Public Administration	III
3	Master of Arts in Guidance Counselling	III
4	Master of Arts in Physical Education	III
5	Master of Science in Information Technology	III
6	Doctor of Philosophy in Psychology	II
7	Master of Arts in Psychology	II

<i>Undergraduate</i>		
1	Bachelor of Public Administration (Former: Bachelor of Arts in Public Administration)	III
2	Bachelor of Arts in Communication (Former: Bachelor of Arts in Mass Communication)	III
3	Bachelor of Arts in Economics	III
4	Bachelor of Science in Industrial Technology Major in Architectural Drafting, Automotive Technology, Electrical Technology, Electronics Technology, Fashion and Apparel Technology [Former: Garments Technology], Food Technology, Heating Ventilation & Air-Conditioning Technology [Former: Refrigeration and Air-Conditioning] and Mechanical Technology	III
5	Bachelor of Science in Mathematics	III
6	Bachelor of Science in Psychology	III
7	Bachelor of Science in Civil Engineering	III
8	Bachelor of Science in Electrical Engineering	III
9	Bachelor of Science in Agricultural and Bio-Systems Engineering (Former: Bachelor of Science in Agricultural Engineering)	II
10	Bachelor of Science in Electronics Engineering	II
11	Bachelor of Science in Chemical Engineering	II
12	Bachelor of Science in Computer Engineering	II
13	Bachelor of Science in Computer Science	II
14	Bachelor of Science in Information Technology	III
15	Bachelor of Multimedia Arts (Former: Bachelor of Information Technology Major in Animation and Game Science/Bachelor of Science in Multimedia Arts)	II
16	Bachelor of Physical Education (Former: Bachelor of Science in Physical Education)	II
17	Bachelor of Science in Exercise and Sports Sciences Major in Fitness & Sports Coaching and Fitness & Sports Management (Former: Bachelor of Science in Physical Education major in Sports and Wellness Management)	II
18	Bachelor of Science in Chemistry	III PHASE 1
19	Bachelor of Science in Biology	III PHASE 1
20	Doctor of Veterinary Medicine	II
21	Bachelor of Science in Environmental Science	II
22	Bachelor of Science in Industrial and Commercial Communication	II
23	Bachelor of Arts in English Language Studies (Former: Bachelor of Arts in English)	II
24	Bachelor of Arts in Political Science	II
25	Bachelor of Science in Physics	I

Gonzaga		
1	Bachelor of Science in Agriculture Major in Animal Science and Crop Science	II
2	Bachelor of Science in Hospitality Management (Former: Bachelor of Science in Hospitality Industry Management)	II
3	Bachelor of Science in Accounting Information System (Former: Bachelor of Science in Accounting Technology)	II
4	Bachelor of Science in Information Technology	II
5	Bachelor of Secondary Education Major in English and Filipino	II
6	Bachelor of Elementary Education	II
7	Bachelor of Science in Criminology	II
Lal-lo		
1	Bachelor of Science in Agriculture Major in Animal Science and Crop Science	II
2	Bachelor of Elementary Education Major in General Education	II
3	Bachelor of Secondary Education Major in English, Filipino, Mathematics, Science & Social Studies	II
4	Bachelor of Science in Hospitality Management (Former: Bachelor of Science in Hospitality Industry Management)	II
5	Bachelor of Science in Information Technology	II
Lasam		
1	Bachelor of Science in Industrial Technology Major in Automotive Technology, Electronics Technology, Food Technology and Mechanical Technology	II
2	Bachelor of Science in Information Technology	II
3	Bachelor of Elementary Education [Former: With Major in Generalist]	II
4	Bachelor of Secondary Education Major in English	II
Piat		
Graduate		
1	Master of Science in Agriculture Major in Animal Science and Crop Science	I
Undergraduate		
1	Bachelor of Elementary Education	II
2	Bachelor of Secondary Education Major in English, Mathematics, Social Science	II
3	Bachelor of Science in Information Technology	II
4	Bachelor of Science in Criminology	II
5	Bachelor of Science in Agriculture Major in Animal Science and Crop Science	III PHASE 1

Sanchez Mira		
Graduate		
1	Doctor of Philosophy in Education Major in Educational Management	I
2	Master of Arts in Education Major in Educational Management and English	I
3	Master of Science in Teaching Major in Biology and Mathematics	I
4	Master of Science in Agriculture Major in Animal Science and Crop Science	I
5	Master in Public Administration	I
Undergraduate		
1	Bachelor of Secondary Education Major in English, General Science and Mathematics	II
2	Bachelor of Elementary Education Major in Content Areas (Generalist)	II
3	Bachelor of Science in Information Technology	II
4	Bachelor of Science in Accounting and Information System (Former: Bachelor of Science in Accounting Technology)	II
5	Bachelor of Science in Hospitality Management (Former: Bachelor of Science in Hospitality Industry Management)	II
6	Bachelor of Science in Criminology	II
7	Bachelor of Science in Agriculture Major in Animal Science and Crop Science	II
8	Bachelor of Science in Industrial Technology Major in Automotive Technology, Architectural Drafting, Electrical technology and Electronics Technology	I
9	Bachelor of Science in Agricultural and Bio-Systems Engineering (Former: Bachelor of Science in Agricultural Engineering)	I

The Office of University Quality Assurance (OUQA) plays a pivotal role in ensuring the academic excellence and institutional effectiveness of our esteemed institution. Through rigorous assessment, strategic planning, and continuous improvement initiatives, OUQA strives to uphold international standards of quality and innovation in higher education. This report highlights the key accomplishments of OUQA across various accreditation and quality assurance endeavors in the Year 2023.

ISO 9001:2015

OUQA diligently adhered to the ISO 9001:2015 standards, emphasizing a commitment to quality management practices. Internal audits were conducted meticulously, enabling the identification of areas for enhancement and compliance verification. Moreover, OUQA facilitated the DAP Risk Management Training, fostering a culture of risk awareness and mitigation strategies among staff members. Additionally, the office actively participated in QMR Management meetings and proficiently facilitated surveillance activities to ensure the continual improvement of our quality management system.

AACUP PROGRAM ACCREDITATION

In alignment with our dedication to academic excellence, OUQA spearheaded the preparation for accreditation processes conducted by the Accrediting Agency of Chartered Colleges and Universities in the Philippines (AACUP). Mock accreditation exercises were conducted comprehensively across all campuses and colleges, simulating real accreditation scenarios to refine institutional readiness and performance. Furthermore, OUQA facilitated the seamless execution of actual survey visits in all campuses and colleges, demonstrating a commitment to meeting and exceeding accreditation standards.

PHILIPPINE QUALITY AWARD (PQA)

OUQA actively engaged in capacity building by attending training sessions on the PQA Framework, enriching knowledge and competencies in quality management practices. The culmination of these efforts resulted in the prestigious recognition of the Level 2 Regionalization Program awarded to our institution on December 7, 2023, affirming our commitment to excellence in organizational performance and sustainable development.

TIMES HIGHER EDUCATION (THE)

In pursuit of global recognition and benchmarking, OUQA submitted requisite data and documentation for consideration in the THE Impact Ranking on November 14, 2023. This initiative reflects our institution's aspiration to showcase impactful contributions to society and the broader academic community.

WORLD UNIVERSITY RANKINGS FOR INNOVATION (WURI)

OUQA actively participated in the World University Rankings for Innovation (WURI) submission process, advocating for the recognition of our institution's innovative practices. Notably, OUQA submitted an entry highlighting the utilization of the CSU Learning Environment Network System (CLENS), emphasizing our commitment to leveraging technology for enhanced teaching, learning, and research outcomes.

QS STARS RATING

Responding promptly to evolving accreditation requirements, OUQA effectively addressed additional requirements stipulated by QS Stars in December 2023. This proactive approach underscores our dedication to maintaining and improving institutional performance in alignment with global benchmarks.

The accomplishments of the Office of University Quality Assurance under the Office of the Vice President for Academic Affairs in 2023 underscore our institution's unwavering commitment to excellence, continuous improvement, and global recognition. Through adherence to international standards, rigorous assessment practices, and strategic initiatives, OUQA remains steadfast in its mission to uphold the highest quality standards in higher education and contribute meaningfully to societal advancement. Moving forward, OUQA will continue to collaborate with stakeholders, embrace innovation, and champion excellence across all facets of institutional endeavors.

SERIES OF REVIEW OF THE 2019 REVISED STUDENT MANUAL AND THE 2023 REVISED STUDENT MANUAL WAS APPROVED BY THE BOARD LAST OCTOBER 2023

The Office of Student Development and Welfare conducted a meeting for the Initial Review of the 2019 Revised Student Manual at the CSU Hotel Conference, CSU Andrews Campus. The purpose of the meeting is to review, modify, and incorporate changes to procedures and policies to better serve the current needs of the students in the new normal.

The said meeting was attended by the OSDW Director-Dr. Loraine S. Tattao; Guidance and Counseling/Admission Director-Dr. Maribi Maria Benita E. Balagan; University Registrar-Mr. Abraham Bangayan; Auxiliary Services Director-Atty. Valiant Dave Tanguilan, University Librarian-Mr. Ronaldo Sumait, Socio-Cultural Director-Mr. Ferdinand Mercado, Sports Director-Mr. Giovanni Morales, Gender and Development Focal Person-Dr. Kristine Joyce Lara, Outgoing Student Regent John Michael Pattugalan, President Elect (USCF)-Mark Jellicoe Rodillas, and OSDW Central Staff.



ADMINISTRATION OF CSU-COLLEGE ADMISSION TEST 2023



College Admission Test is an evaluation tool that is used to assess basic competencies of incoming first year students. It is the entry requirement for admission in any campus of the University.

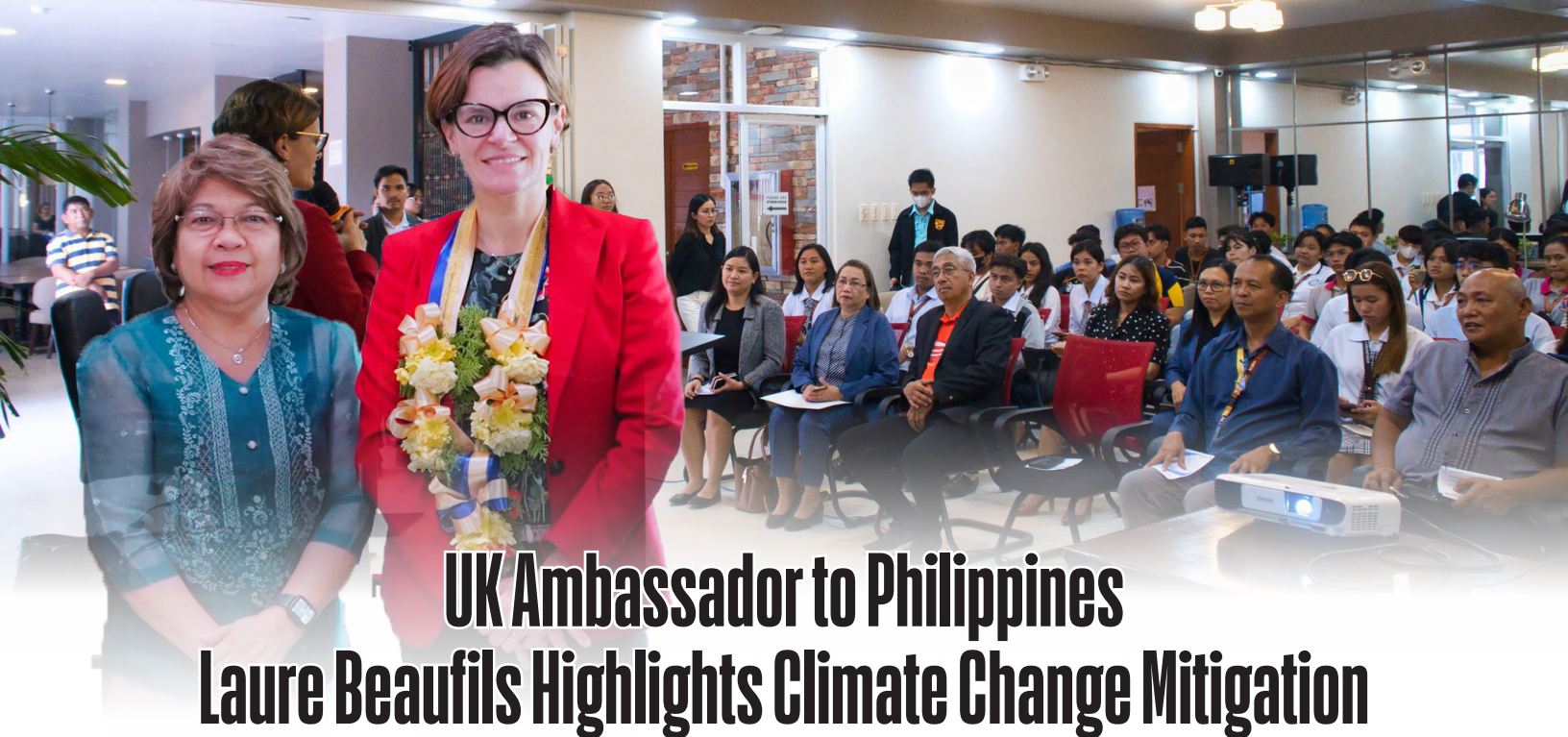
It is given every January to April prior to enrollment for the next academic year. Students are placed on academic programs that they chose based on their CAT results

SUMMARY OF 2023 CSU COLLEGE ADMISSION TEST (CAT) TAKERS BASED ON THEIR PRIORITY COURSES

Campus	Takers	Passers	Percentage of Passers
Andrews	5520	3,762	39.45
Aparri	2230	614	6.44
Carig	6690	3,729	39.11
Gonzaga	870	293	3.07
Lallo	532	165	1.73
Lasam	413	112	1.17
Piat	947	259	2.72
Sanchez Mira	1623	516	5.41
Solana	434	85	0.89
Total	19,259	9,535	100.00

Cagayan State University (CSU) College Admission Test witnessed a significant turnout, indicating the keen interest of aspiring students in pursuing higher education. The graph presents the summary of test-takers based on their first priority courses across various campuses of CSU.

A total of 19, 259 individuals participated in the admission test, demonstrating a strong inclination towards pursuing tertiary education at CSU.



UK Ambassador to Philippines Laure Beaufile Highlights Climate Change Mitigation

Cagayan State University welcomed the UK Ambassador to the Philippines Laure Beaufile, last September 27, 2023, as the ambassador kicked off the university roadshow in the northern part of the country to share various opportunities for cooperation where the university can engage in. The ambassador was welcomed by President Urdujah G. Alvarado, Vice President for Partnership and Resource Mobilization Theresa B. Dimalanta, University Consultant Fr. Ranhilio C. Aquino, and University Information Officer Ana Marie C. Cauilan.

Conducted at the CSU Hotel Conference Room, the program was attended by student leaders and journalists and participants got the chance to ask questions on diplomatic affairs. Ambassador Beaufile lauded the university for its active cultivation of press freedom through the huge presence of student journalists in the university. "Oftentimes it is not an easy profession to be a journalist and you have to shed light on the issues that people don't want to hear but it is a fundamental form of democracy," she concluded.

In a welcome program for the ambassador, Her Excellency talked about the United Kingdom's strategic vision for the world and its priorities for engaging with nations like the Philippines. She recognized the close diplomatic relations between the two countries, "we see eye to eye on so many things, we are completely like-minded on a majority of key issues". She highlighted that one of these areas is climate change mitigation where both countries work together in building expertise through research and development.

She also highlighted the importance for both nations to work hand in hand to innovate and find interesting programs to do together in order to add value that would make real-life difference to the people of the Philippines and UK. "We know that we can't address the world's global problems unless we work together and address them and innovate," she added.



ADMINISTRATION AND FINANCE



The Administration and Finance Department plays a crucial role in the entire operations of the Cagayan State University system, influencing all its resource utilization. Aligned with the university's core values of competence, social responsibility, and unifying presence, the office is dedicated to fostering synergy to support the university's line functions.

This report encompasses a detailed account of activities carried out, initiated, and participated in by various Administration and Finance units. Additionally, it provides an overview of the financial performance of the university during the Fiscal Year 2023. The collective achievements and proactive efforts of the units under its purview constitute the comprehensive contributions of the Office of Administration and Finance toward realizing the vision and mission of the University.



VICE PRESIDENT FOR ADMINISTRATION AND FINANCE INITIATED ACTIVITIES

Regular Meetings with Different Departments

Recognizing that effective administration hinges on planning and control activities, the office collaborated closely with Internal Auditors to assess internal controls and potential risks for mitigation of risks and process improvements. This involved establishing, disseminating, and organizing internal controls. Subsequent meetings with various departments within Administration and Finance were imperative for evaluating and foreseeing process-related risks, elucidating the rationale behind internal controls, and institutionalizing these controls to proactively devise preventive measures before any risks could materialize.

Regular Meetings with Administration and Finance Heads



To develop improvements and address issues and concerns, the office of the Vice President for Administration and Finance held a meeting with Administration and Finance Heads to revisit the targets and catch-up plans, develop their plan of action for the next ten (10) months, raise ISO concerns, review administration guidelines, and address other concerns.

The following resolutions were made: the nature of work should be aligned with the job description, the need to orient newly hired employees, and the development of e-learning materials. It was also proposed that there should be a tool for need analysis to create a better form to identify the competencies and skills of the employees.

Meetings with Landbank Representatives



A meeting with Landbank representatives was held to discuss the opening of an MDS account with Landbank and the use of the internet through the Landbank LinkBiz portal for the online payment of tuition and school fees. This is the implementation of the board resolution on the implementation of e-banking for ease of business transactions.



The comprehensive training workshop on the Strategic Alignment of Work and Financial Plans for Sustainable Resource Management culminated on November 29, 2023 in a dynamic showcase of practical applications, collaboration, and insightful feedback.

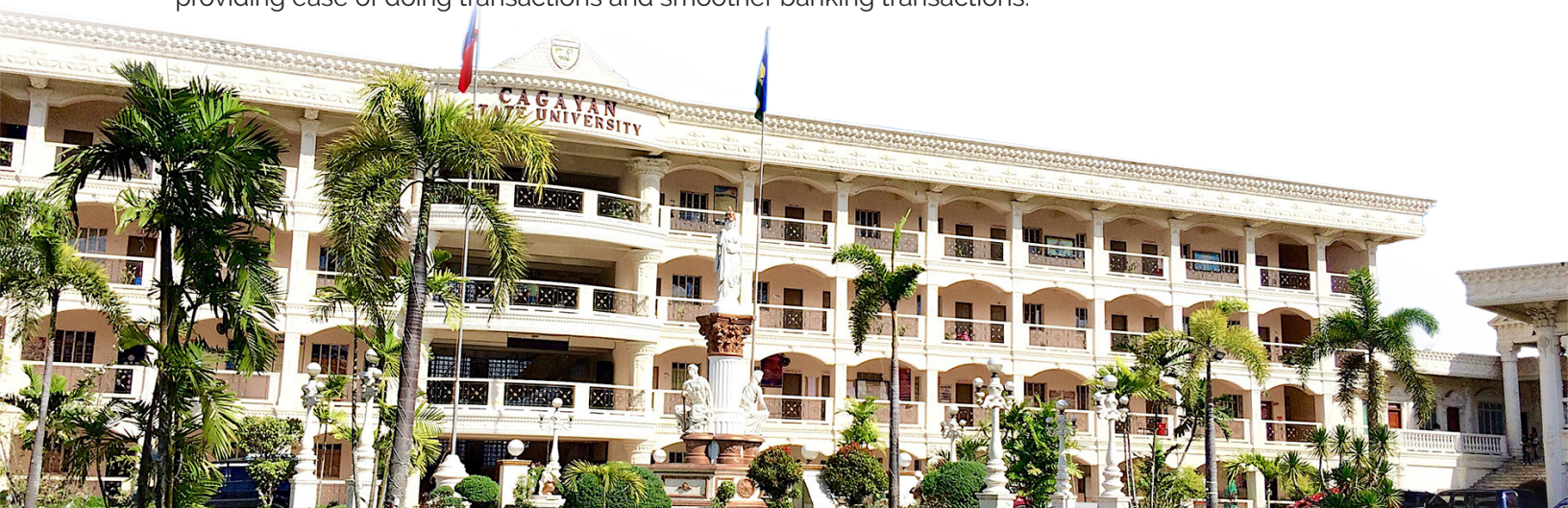
Each campus showcased its output from the workshops. This interactive activity allowed for the sharing of ideas and strategies, fostering a collaborative spirit among participants. After each presentation, the panel of speakers provided constructive feedback, which did not only serve as an evaluation of the outputs presented but also as a platform for knowledge exchange and refinement.

As the event ended, the Best Presenter award was given to the dean of the College of Fisheries and Aquatic Sciences of Aparri Campus, Dr. Quirino Pascua. Certificates of Appreciation were given to resource speakers, and Certificates of Participation to all participants.

Signing of Memorandum of Agreement



To exemplify its commitment to efficiency and security, Cagayan State University inked a Memorandum of Agreement with Landbank of the Philippines (LBP) on December 1, 2023, for the utilization of and access to its Corporate Payroll facility. This move ensures the well-being and financial convenience of all employees in the Andrews campus as it opens new avenues for seamless salary disbursements, providing ease of doing transactions and smoother banking transactions.



Development of an Evaluation Tool for COS Providers



Cagayan State University

Contract of Service (COS) PERFORMANCE EVALUATION

Name of COS _____ Department/ Unit _____

Job Nature/Position of the COS _____

Campus _____ Date of Evaluation _____

Name of Evaluator _____ Evaluator's Job Position _____

Instructions to Evaluator: The COS should be evaluated towards the end of the period of the contract. Evaluator should refer to the nature of the job of the COS when completing this form; the evaluation should focus on the Contract of Service's ability to perform the assigned job or job description. Indicate the evaluation of the COS based on his/her job performance using the following scales:

- 1 = **Unacceptable**; (demonstrates below 75% of the attribute)
- 2 = **Needs Improvement** (demonstrates 75% to 84% of the attribute)
- 3 = **Average/ Fair** (demonstrates 85% to 89% or sometimes the attribute)
- 4 = **Very Satisfactory** (demonstrates 90% to 94% or most of the time the attribute)
- 5 = **Excellent/ All the time** (demonstrates 95% to 100% or all the time the attribute)

	ATTRIBUTE	Scale
1	QUANTITY OF WORK He/She accomplishes assigned work at the specified quantity within a specified time period.	
2	QUALITY OF WORK His/Her assigned work is well executed, thorough, effective, and accurate.	
3	KNOWLEDGE OF JOB He/She knows and demonstrates how and why to do all phases of assigned work, given his/her length of time in his/her current position.	
4	RELATIONS WITH SUPERVISOR He/She responds positively to supervisory directions and comments.	
5	COOPERATION WITH OTHERS The COS gets along with other individuals. He/She is tact, courteous, and effective in dealing with co-workers, subordinates, supervisors, and customers.	
6	ATTENDANCE AND RELIABILITY He/She arrives on time and demonstrates consistent attendance; he/she contacts supervisor on a timely basis when he/she will be late or absent.	
7	INITIATIVE AND CREATIVITY He/She is self-directed, resourceful and creative in meeting job objectives. He/She follows through on work assignments and modifies or develops new ideas, methods, or procedures to effectively meet changing circumstances.	
8	CAPACITY TO DEVELOP He/She demonstrates the ability and willingness to accept new/more complex duties/responsibilities.	
9	CORE VALUES He exemplifies the core values of CSU which are Competence, Social Responsibility, and Unifying Presence.	
10	FLEXIBILITY He is flexible and can adjust to different situation easily.	
	TOTAL	
	WEIGHTED MEAN (TOTAL/10)	

Please check the box before the item(s) with which you agree.

I recommend this COS for contract renewal in my office.

This COS should NOT be renewed at the end of the contract period.

If the opportunity arises, I recommend that this COS be assigned a permanent item position.

Comments :

Evaluator Signature Over Printed Name

Date

To ensure that performances are properly and regularly evaluated, the office also developed an evaluation instrument, where our Contract of Service providers are marked by their direct supervisors with objective measures. This is to ensure that the performances are properly in line with their duties and responsibilities. The evaluation form is used to evaluate COS providers before each contract season.

Conduct of Interviews for Applicants of Administrative Positions



With the aim of hiring assets in the University by choosing the most capable and enthusiastic personnel, the Office carried out its responsibilities by conducting interviews and examinations for prospective candidates applying for new administrative roles and promotions.





Cagayan State University's exemplary budget utilization reflects its dedication to fiscal responsibility and resource optimization, ensuring the delivery of quality education, research, and service to its constituents.

The University prudently manages its budget allocations to ensure optimal utilization across various facets of its operations, including instruction, research and extension, administration, and support. In 2023, the university was allocated a budget of 1.34 Billion Pesos to facilitate its multifaceted endeavors.

A significant portion of the budget is earmarked for instruction, encompassing the core academic activities of the university, such as faculty salaries, classroom resources, and academic programs enhancement. Another segment of the budget is dedicated to research and extension, fostering innovation, community engagement, and academic advancement beyond traditional classroom settings.

Resources are also allocated for administrative functions to ensure the efficient management of university affairs, encompassing personnel, facilities, and operational needs. The budget also caters to support services vital for the smooth functioning of the institution, including maintenance, utilities, and other operational expenses.

The aggregate amount and performance rate are attributed to the meticulous management of the Agency Financial performance, encompassing budget allocations for Personnel Services, Maintenance and Other Operating Expenses, and Capital Outlay. Both new and continuing allotments were effectively utilized to enhance the university's operational efficiency and academic excellence.

Despite the challenges posed by budgetary constraints, CSU demonstrated commendable fiscal management, with a total allotment of 1.33 Billion Pesos, representing a high obligation rate of 96.19%. Also out of the total obligations, the university effectively disbursed 91.99%, amounting to P1.18 Billion Pesos, reflecting a robust performance rate. This underscores CSU's commitment to maximizing resources for the benefit of its stakeholders.

FINANCIAL PERFORMANCE

As of December 31, 2023

PARTICULARS	APPROPRIATIONS	ALLOTMENT	OBLIGATIONS		DISBURSMENT	
			AMOUNT	BUR	AMOUNT	BUR
Regular Agency Fund - General Fund						
New General Appropriations						
PS	797,960,118	794,235,929	794,212,381	99.53%	789,051,084	99.35%
MOOE	290,254,000	285,254,000	283,643,131	98.28%	275,598,819	97.16%
CO	95,000,000	95,000,000	46,464,317	100.00%	11,919,970	25.65%
Sub-total	1,183,214,118	1,174,489,929	1,124,319,829	95.73%	1,076,569,872	95.75%
Automatic Appropriations						
PS	67,597,211	67,597,211	67,597,548	100%	67,397,548	100%
	67,597,211	67,597,211	67,597,548	100%	67,397,548	100%
Total Regular Agency Fund	1,250,811,329	142,087,140	1,191,717,376	95.94%	1,143,967,420	95.99%
Continuing Appropriations						
MOOE	11,740,033	11,740,033	11,431,620	100%	7,452,320	65.19%
CO	80,530,476	80,530,476	80,319,058	100%	29,198,581	36.35%
	92,270,509	92,270,509	91,750,678	99.44%	36,650,901	39.95%
Summary						
PS	865,557,329	861,833,140	861,609,929	100%	856,448,631	99.40%
MOOE	301,994,033	296,994,033	295,074,751	98%	283,051,139	95.93%
CO	175,530,476	175,530,476	126,783,375	100%	41,118,551	32.43%
TOTAL	1,343,081,838	1,334,357,649	1,283,468,055	96.19%	1,180,618,321	91.99%



RESEARCH & DEVELOPMENT



The Research and Development (R&D) Annual Report provides information on the R&D projects that were conducted in the calendar year 2023. In line with the National Expenditure Program (NEP), SUC Levelling, and the CSU Medium Term Development Plan 2021–2024, the report shows that Cagayan State University is meeting its obligations to foster the university's research culture and achieve its targets.

It is the role of CSU to take the lead in implementing discipline-based, policy-oriented, technologically-driven, and creative/innovative research projects, programs, and activities that are in line with the Harmonized National Research Agenda. The goal of every research initiative, whether it is institutionally or

externally funded, is to complement the university's research agenda and campus specialized programs. These accomplishments have been measured using a number of indicators. By promoting publication in reputable peer-reviewed journals, the quality of research has also been a focus (CHED- accredited, ACI, Thomson Reuters, and Scopus).

Due to grants coming from external funding, General Appropriations Act (GAA), the Supplemental Budget (SB) from Fund 164 of the University, and the continuous capability building program that supported researchers to manage and conduct researches, there has been a significant increase in the number of conducted researches despite having less funding than the previous year.

ACCOMPLISHMENT BASED ON NEP

Table 1 presents the physical accomplishment of the Research and Development Office against the National Expenditure Program (NEP) target for CY 2023. As to the Outcome Indicators (Number of research outputs in the last three years utilized by the industry or by other beneficiaries), CSU was able to produce 15 research outputs utilized by the beneficiaries in the last three years as against the target of 13.

For the Output Indicators, Indicator number 1 (Number of research outputs/studies completed within the year), there were 76 completed research outputs accomplished which has surpassed the physical target.

Moreover, Output Indicator No. 2 (Percentage of research outputs published in internationally refereed or CHED recognized journal within the year), CSU targeted to publish 38 out of the 150 (25%) completed researches. The University was able to publish 47 (32.19%) research outputs in international refereed journals which is way beyond the target. The Physical target and the Physical Accomplishment have a variance of +7.19%

Physical accomplishment report

Particulars	UACS CODE	Physical Targets					Physical Accomplishments					Variance	Remarks
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
RESEARCH PROGRAM Outcome Indicators													
1. Number of research outputs in the last three years utilized by the industry or by other beneficiaries	303000000	2	3	4	4	13	2	3	4	6	15	+2	
Output Indicators													
1. Number of research outputs/studies completed within the year		10	15	15	10	50	14	17	15	30	76	+26	
2. Percentage of research outputs published in internationally refereed or CHED recognized journals within the year		5% (8/150)	7% (10/150)	7% (10/150)	7% (10/150)	25% (38/150)	9.52% (8/84)	9.90% (10/101)	8.62% (10/116)	13.02% (19/146)	32.19% (47/146)	+7.19% +9	

RESEARCH & DEVELOPMENT PROGRAMS / PROJECTS IMPLEMENTED

In 2023, a total of 292 researches (ongoing and completed) were conducted using funds from three sources; 61 from External Funds (52 carryover researches and 9 newly implemented research projects), 136 (114 carryover and twenty-two newly approved) from General Appropriations Act (Fund 101) and 95 (80 carryover and fifteen newly approved) researches from Supplemental Budget (Fund 164). The said researches were anchored along R&D's thematic agenda on Food Security and Safety, Health and Nutrition, Engineering, Industry and Energy, ICT, Environment and Climate Change, Business and Entrepreneurship, Law and Governance, Education and Social Sciences.

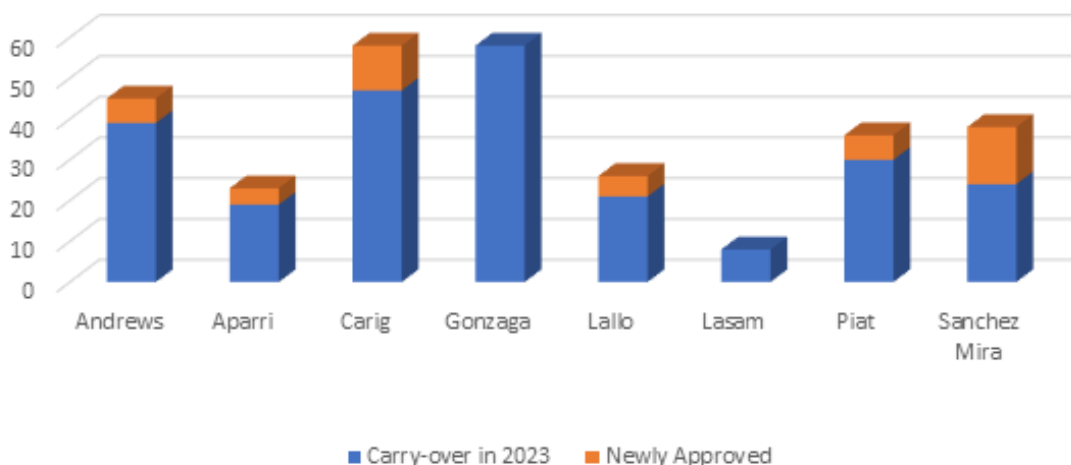
Out of the 292 external and institutionally-funded researches conducted, 76 were completed, and 250 are ongoing and are expected to be in 2024. CSU Carig and CSU Gonzaga had the highest number of researches conducted respectively (58), followed by CSU Andrews (45), CSU Sanchez Mira (38), CSU Piat (36), CSU Lal-lo (26) and CSU Aparri (23), and the least is CSU Lasam with 8 researches conducted (Table 2). The list is presented in Annex Table 2.

Researches conducted in 2023 & fund sources

Physical accomplishment report

Campus	Carry Over in 2023				Newly Approved				Grand Total
	External	Institutional		Total	External	Institutional		Total	
		GAA (Fund101)	Fund 164			GAA (Fund101)	Fund 164		
Andrews	10	29		39	4	1	1	6	45
Aparri	3	8	8	19	3	1		4	23
Carig	16	15	16	47	2	9		11	58
Gonzaga	7	14	37	58					58
Lal-lo	5	12	4	21		4	1	5	26
Lasam		7	1	8					8
Piat	5	12	13	30		2	4	6	36
Sanchez Mira	6	17	1	24		5	9	14	38
Total	52	114	80	246	9	22	15	46	292

Figure 1. Researches conducted in 2023 (carry-over & newly approved)



As seen on Figure 1 (Researches conducted in 2023 (carryover & newly approved), CSU Gonzaga has the highest carry over in 2023 and CSU Lasam have the lowest carry over in 2023. Moreover, CSU Carig has the most newly approved researches in 2023.

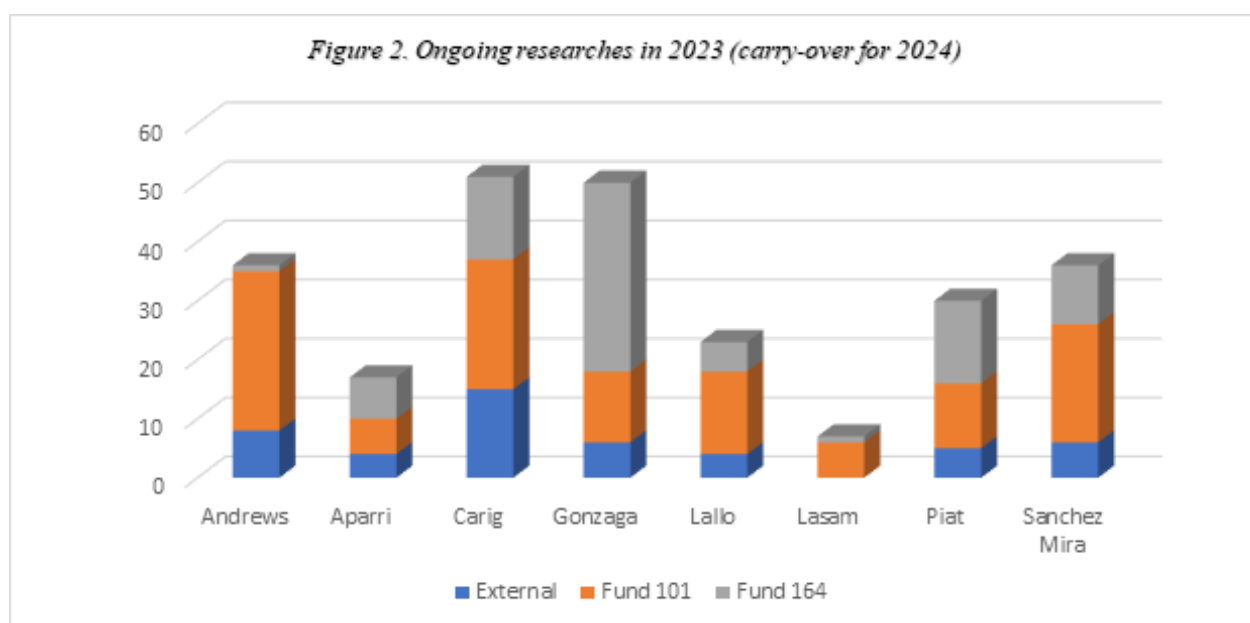
Ongoing Researches (to be carried over for CY 2024)

Table below shows the number of ongoing researches in 2023 to be carried over for CY 2024. A total of 250 ongoing researches were implemented in 2024 with CSU Carig (51) having the most number of ongoing researches implemented, followed by CSU Gonzaga (50), CSU Andrews and CSU Sanchez Mira gained (36) researches respectively, CSU Piat (30), CSU Lal-o (23), CSU Piat (23), CSU Aparri (17), and CSU Lasam (7) having the least number of on-going researches.

Number of Ongoing Researches in 2023

Campus	Carry Over for 2024			
	External	Institutional		Total
		GAA (Fund101)	Fund 164	
Andrews	8	27	1	36
Aparri	4	6	7	17
Carig	15	22	14	51
Gonzaga	6	12	32	50
Lal-lo	4	14	5	23
Lasam		6	1	7
Piat	5	11	14	30
Sanchez Mira	6	20	10	36
Total	48	118	84	250

*See Appendix Table 2 for the list of carried-over researches for 2024 implementation



As seen in Figure 2 (On-going Researches for 2023), CSU Carig has the highest carry over on-going researches for 2024, and CSU Lasam has the lowest carry over research for 2024.

Completed Researches

There were 76 researches completed in 2023, of which, 23 were externally funded, 40 were funded from the GAA and 13 were funded through Fund 164 (Table 4).

Number of completed researches by campus and fund source, CY 2023

Campus	Total no. of researches implemented in 2023	External	Institutional		Total	
			GAA (Fund101)	Fund 164	Number completed	Percentage completed
Andrews	45	10	6		16	35.55%
Aparri	23	3	5	1	9	39.13%
Carig	58	7	2	3	12	20.69%
Gonzaga	58	1	3	4	8	13.79%
Lal-lo	26	2	8		10	38.46%
Lasam	8		4		4	50%
Piat	36		3	5	8	22.22%
Sanchez Mira	38		9		9	23.68%
Total	292	23	40	13	76	26.02%

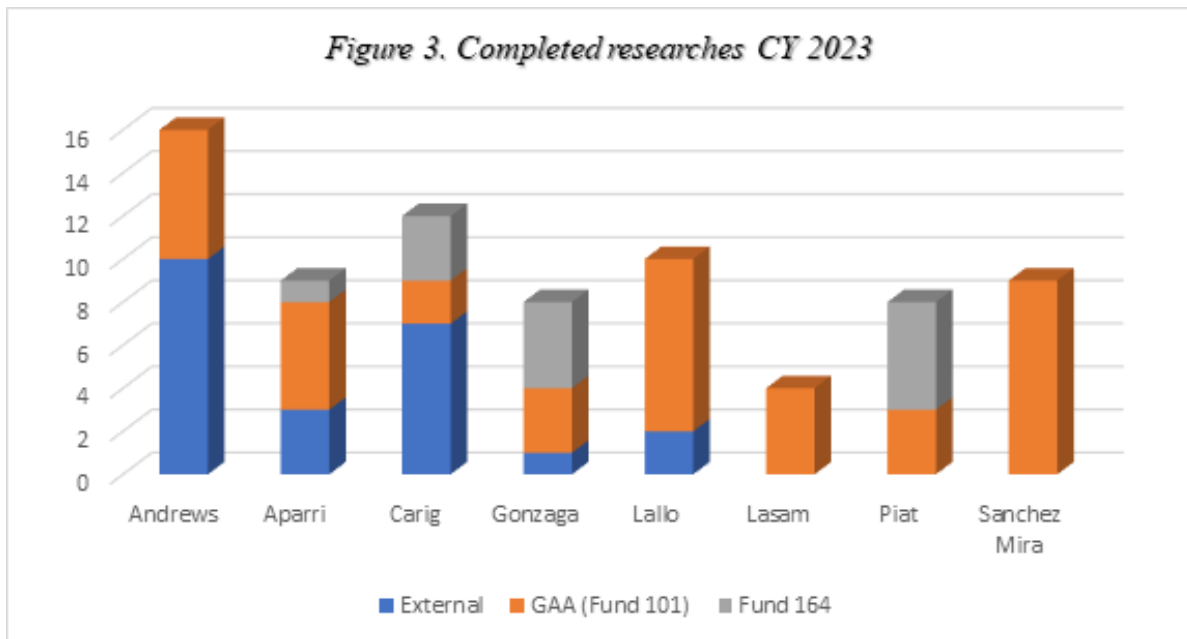


Figure 3 (Completed Researches CY 2023), shows that CSU Andrews had the greatest number of completed researches (16) in 2023. On the other hand, CSU Lasam has the least number of completed researches (4).

RESEARCH MONITORING AND EVALUATION

R&D In-House Reviews and Evaluation

The ability to rapidly address issues that rose during the R&D implementation process is essential for the achievement of university's research objectives. To address issues that occurred during the implementation process of all R&D projects, the R&D Office crafted an institutional monitoring and evaluation plan. i.e., R&D in-house reviews and evaluation, on-site evaluation/field monitoring of on-going R&D projects and Quarterly R&D progress/accomplishment reports.

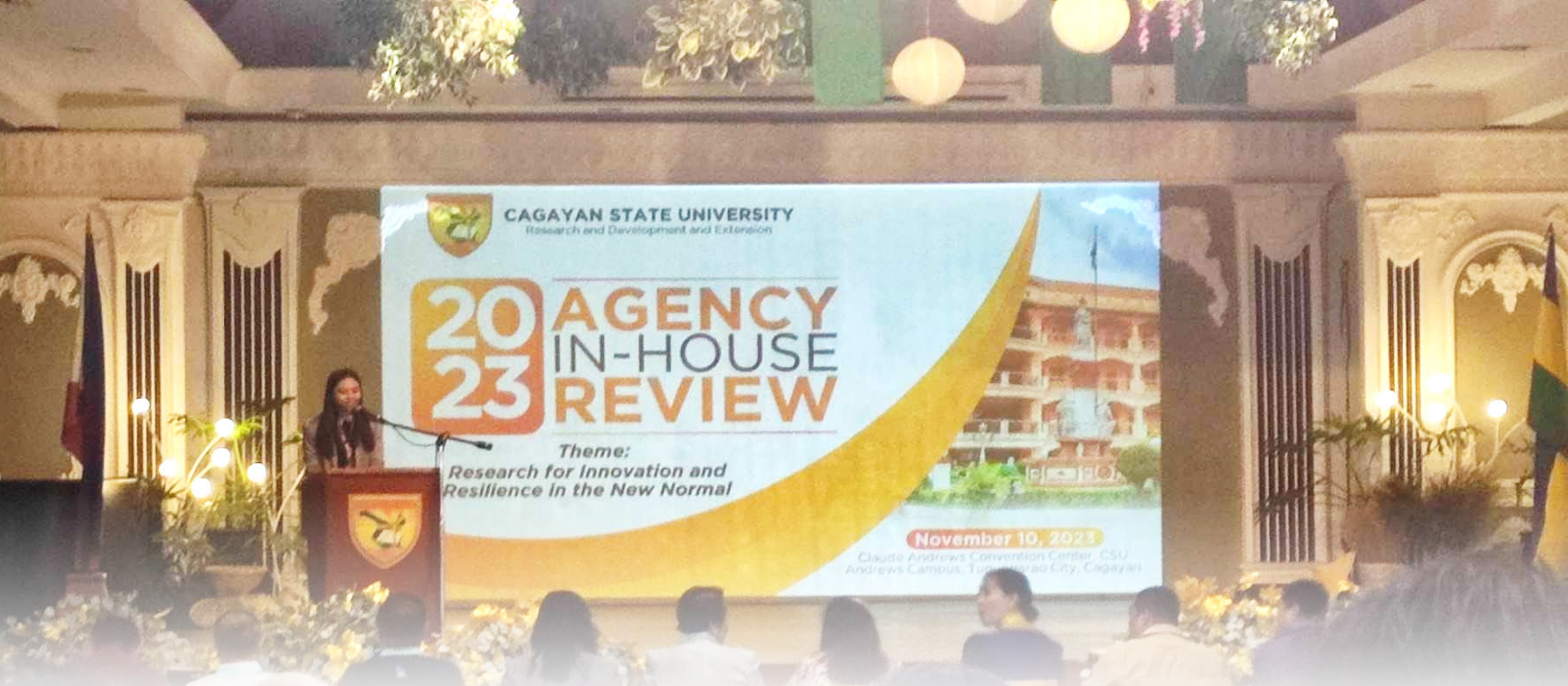
During the 2023 CSU RDE in-house review and evaluation, only 31 completed research papers were programmed for presentation out of the 76 completed researches. The reason is that, some research projects were only completed on the end of the 4th QTR. This year, the presentation was categorized into three sessions i.e., Experimental, Technological and Social research categories. Out of the 76 completed research papers, only 31 papers were actually presented: 11 papers for experimental research category, 5 papers for technological research category and 15 papers for social research category, respectively.

Aside from the in-house reviews, the R&D officials had undergone field/or onsite visitation to monitor the implementation of on-going projects in the campuses and a quarterly submission of R&D progress/accomplishment reports were also required from the campuses.

Number of completed research papers presented during the 2023 RDE In-House Review and Evaluation

Campus	Experimental Category		Technological Category		Social Science Category		Total	
	Programmed for presentation	Actual presented	Programmed for presentation	Actual presented	Programmed for presentation	Actual presented	Programmed for presentation	Actual Presented
Andrews	-	-			2	2	2	2
Aparri	-	-	2	2	2	2	4	4
Carig	1	1	2	2	2	2	5	5
Gonzaga	3	3			2	2	5	5
Lal-lo	3	3			2	2	5	5
Lasam	1	1			-	-	1	1
Piat	-	-	1	1	2	2	3	3
Sanchez Mira	3	3			3	3	6	6
Total	11	11	5	5	15	15	31	31





WINNING RESEARCH PAPERS DURING THE 2023 CSU AGENCY IN-HOUSE REVIEW

EXPERIMENTAL CATEGORY

Awards Received	Title	Researcher(s)	Campus	Presentor
1st Place-Best Paper for Experimental Category	Enhancing Shoot Production and Rooting Success of Machiku Bamboo (<i>Dendrocalamus latiflorus</i>) through Varied Management Practices <i>a. Bambuhay! Shoot production of Machiku as Affected by Different management practices</i> <i>b. The effect of Different Rooting Hormones on the Survival of Three Species Giant Bamboo- <i>Dendrocalamus giganteus</i>, Machiku- <i>Dendrocalamus latiflorus</i>, and Spiny Bamboo- <i>Bambusa blumeana</i></i>	Dr. Froilan A. Pacris, Prof. Marvin Baloloy, Dr. Romar Banadero, Mylene Ermitanio, Gladys Dalmaceda, Dr. Ervin T. Leonador	Gonzaga	Mylene Ermitanio
2nd Place-Best Paper for Experimental Category	Cacao's Flair Against Colorectal Despair	Ronel T. Pacubat, Gilbert C. Magulod, Jr., Jackieleen R. Garcia	Lasam	Ronel T. Pacubat
3rd Place-Best Paper for Experimental Category	Development and evaluation of spray dries bignay vinegar powder adjunct with maltodextrin	Dr. Shella B. Cacatian, Prof. Robert Julius V. Barcena	Sanchez Mira	Dr. Shella B. Cacatian



TECHNOLOGICAL CATEGORY

Awards Received	Title	Researcher(s)	Campus	Presentor
1st Place-Best Paper for Technological Category	Design, Development and Fabrication of Different Parts and Assembly of e-Trike Study 1: Design, Development and Fabrication of Ergonomic and Lightweight e-trike Chassis and Suspension Study 2: Design and Development of e-trike prime mover and drivetrain system Study 3: Design, Development and Fabrication of Ergonomic and Lightweight of e-Trike Body	Arthur G. Ibañez , Buencamino Martin, Mark Anthony Ibañez, Marc Angelo Cabaddu, JC Ancheta, Audy Quebral	Carig	Audy Quebral
2nd Place-Best Paper for Technological Category	Design and Development of the EKSPERTO App: An On-Demand Integrated Service-Providing App for Displaced Workers and Industry Professionals	Billy S. Javier, Julieta B. Babas, Leo Paliuanan, Jesty Agoto, James Karl Agpalza	Aparri	Billy S. Javier
2nd Place-Best Paper for Technological Category	Upgrading the Greenhouse facilities for high value commercial crops at CSU Carig Campus	Roger P. Rumpon, Arthur G. Ibanez, Audy Quebral	Carig	Roger P. Rumpon
3rd Place-Best Paper for Technological Category	Sales and Inventory Management System of the Dairy Cattle Research and Development Center	Lucky Amethyst M. Cuevas, Wilmark M. Maguigad, Jason Brian Q. Arugay, Joselina A. Azucena, Jasmin F. Licican, Roderic P. Casauay	Piat	Lucky Amethyst M. Cuevas Wilmark M. Maguigad
3rd Place-Best Paper for Technological Category	Program Title: ONE APARRI: Organized Network of Enterprise Applications for the People of Aparri towards Relevant and Responsive Data-Driven Information Systems - <i>Project Title 1. Design, Development and Implementation of the HEROES AppHarnessing Effective and Responsive Operations for Aparrianos Enhanced by SMS Technolog</i>	Simeon R. Rabanal, Jr., Billy S. Javier, Julieta B. Babas, Marie Khadia Xyneyfida P. Ontiveros, Leo P. Paliuanan, James Carl Agpalza, Jesty S. Agoto, Estela L. Dirain, Corazon T. Talamayan & Jhunrey C. Ordioso	Aparri	Leo P. Paliuanan

SOCIAL SCIENCE CATEGORY

Awards Received	Title	Researcher(s)	Campus	Presentor
1st Place-Best Paper for Social Science Category	Assessment of Infection Prevention and Control in Different Levels of Health Care Facility in Cagayan Valley (Region II)	Ma. Angelita S. Rabanal, Lily Ann C. Mallabo, Julius T. Capili, Jinky Marie T. Chua	Aparri	Ma. Angelita S. Rabanal
2nd Place-Best Paper for Social Science Category	Kapwa: On being Community health Workers (CHWs) in Cagayan Province	Jay Emmanuel L. Asuncion, Julius T. Capili, Jinky Marie-Chua, Pauline batang, Lara Melisa G. Luis, Dorina Sabatin, Krisha Hipolito, Ethel Mangada	Andrews	Jay Emmanuel L. Asuncion
3rd Place-Best Paper for Social Science Category	Design and Validation of Research Capability Test (RCT) for Educators	Jay-cen T. Amanonce, Rudolf T. Vecaldo, Maribel F. Malana, Conchita M. Temporal, Antonio I. Tamayao, Jhoanna B. Calubaquib, Marie Claudette M. Calanoga, Ria A. Tamayo	Andrews	Jay-cen T. Amanonce

Search for Best Undergraduate Thesis

To recognize and award undergraduate students and advisers for their meritorious research works and help them publish their works in the CSU Research Journal and refereed journals the university conducted 2023 Search for Best Undergraduate Thesis and Best Mentor Award.

During the said research competition, 24 research papers were presented. The presentation was categorized into three sessions i.e., Experimental, Technological and Social research categories. From the 24 research papers, each category has the same number of 8 papers presented respectively.

Number of research papers presented during the Search for Best Undergraduate Thesis

Campus	Category			Total
	Experimental	Technological	Social/Socio-Economics	
Andrews	1	1	1	3
Aparri	1	1	1	3
Carig	1	1	1	3
Gonzaga	1	1	1	3
Lal-lo	1	1	1	3
Lasam	1	1	1	3
Piat	1	1	1	3
Sanchez Mira	1	1	1	3
Total	8	8	8	24

R & D Outputs Dissemination and Utilization

Research outputs/results are disseminated through presentations in scientific conferences/ fora, agency in-house reviews, and/or symposium. Another way of disseminating research outputs is through the extension programs of the University where technologies developed are transferred to target adopters.

For CY 2023, the R&D Office was able to present a total of 85 research outputs in international, national, regional, and local conferences. 51 papers were presented in international research colloquium, 3 for national, 31 for Regional, and 85 for Local fora.

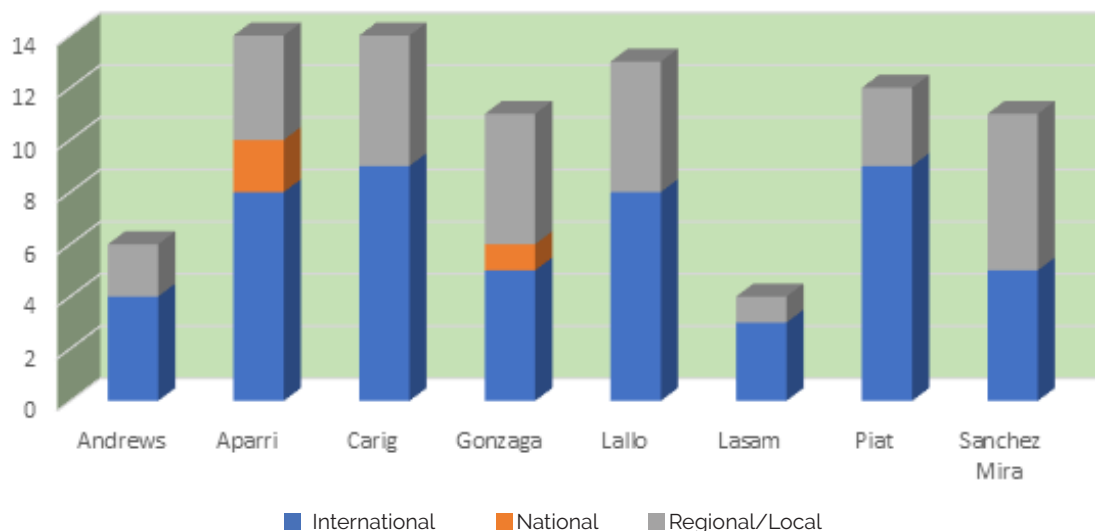
The campus with the greatest number of papers presented in international fora /conferences are CSU Carig and CSU Piat with 9 papers presented respectively, followed by CSU Lallo and CSU Aparri with 8 papers presented respectively, next is CSU Gonzaga and CSU Sanchez Mira with 5 papers presented respectively, CSU Lasam with 3 papers, and the least is CSU Andrews with only 1 paper presented during international fora/conferences.

On the national level, only 2 campus has a presentation, First is CSU Aparri presented 2 papers while CSU Gonzaga presented 1 paper only. Moreover, CSU Sanchez Mira has the greatest number in regional/local presentation with 6 papers presented, followed by CSU Carig, CSU Gonzaga and CSU Lal-lo with 5 papers presented respectively, next is CSU Aparri of 4 papers presented, CSU Piat 3 papers presented, CSU Andrews 2 papers presented and the least is CSU Lasam with only 1 paper presented in regional/local fora/conferences.

Number of research outputs presented by level and by campus, CY 2023

Campus	International	National	Regional/Local	Total
Andrews	4		2	6
Aparri	8	2	4	14
Carig	9		5	14
Gonzaga	5	1	5	11
Lal-lo	8		5	13
Lasam	3		1	4
Piat	9		3	12
Sanchez Mira	5		6	11
Total	51	3	31	85

Figure 4. Research output presented



Research Outputs used by the industry or utilized by Other Beneficiaries

Fifteen (15) research outputs were utilized by other beneficiaries from the research outputs reported in the university. These research outputs were continuously commercialized until the end of 2023. CSU Gonzaga has the most technologies commercialized. Such technologies were included in extension projects.

List of research outputs utilized by other beneficiaries

Campus	Title of Technology (ies)	Proponent	Nature of Utilization	Name of Adoptors
Andrews	1. Formulation and organoleptic properties of banana apple vinegar	Edmer Sibbaluca, Edlyn Narag	Instructional Enhancement	DepEd Region II TLE Girls Department-School Division of Tuguegarao City, Cagayan National High School
Andrews	2. Formulation and organoleptic properties of mushroom rolled bread	Malen B. Daquioag	Instructional Enhancement	DepEd Region II TLE Girls Department-School Division of Tuguegarao City, Cagayan National High School
Andrews	3. Formulation and organoleptic properties of vegetable longganisa	Lara Regine J. Tungue, Cristina S. Soriano	Instructional Enhancement	DepEd Region II TLE Girls Department-School Division of Tuguegarao City, Cagayan National High School
Aparri	4. EKSPERTO App	Billy S. Javier, Julieta B. Babas, Leo Paliuanan, Jesty Agoto, James Karl Agpalza	Info dissemination thru extension activities	David F. Villanueva (PESO Manager – Local Government Unit of Aparri)
Aparri	5. HEROES App	Simeon R. Rabanal, Jr., Billy S. Javier, Julieta B. Babas, Marie Khadia Xyneyda P. Ontiveros, Leo P. Paliuanan, James Carl Agpalza, Jesty S. Agoto, Estela L. Dirain, Corazon T. Talamayan & Jhunrey C. Ordioso	Info dissemination thru extension activities	Magdalena C. Mape (President, Paddaya Women's Association)
Lallo	6. Bamboo Propagation using 2-3 node branch cutting as planting material	Gerlie Bayani-Hardy, Mylene Reondres-Ermitanio	Technology Transfer, for possible commercialization	Caraguian Integrated Farm, Zonta Club of Tuguegarao, Environment & Development Alternative Solutions Services, Inc.

Campus	Title of Technology (ies)	Proponent	Nature of Utilization	Name of Adoptors
Gonzaga	7. Management Practices: Pruning of Clumps and culms + Fertilizing + Mulching + Watering for higher production of Bamboo	Froilan A. Pacris Jr., Ph.D, Romar R. Banadero, Ph.D, Marvin V. Baloloy, Ervin T. Leonador, Ph.D, Gladys O. Dalmaceda, Mylene R. Ermitanio	Technology Transfer, for possible commercialization	Caraguian Integrated Farm, Zonta Club of Tuguegarao, Environment & Development Alternative Solutions Services, Inc. (EDASS)
Gonzaga	8. Making of Candy made from Sweetened bamboo Shoot and Pineapple	Mae Angelica Sinco	Technology Transfer, for possible commercialization and for bamboo plantation	CAMBASS Agrarian Reform Cooperative
Gonzaga	9. Making of Bamboo Cookies	Mae Angelica Sinco, Khayle Gonzales-Agluba	Technology Transfer, for possible commercialization and for bamboo plantation	CAMBASS Agrarian Reform Cooperative
Lallo	10. Banana Production and Cultural Management	Ricardo Casauay, Diossa Alasaas, Angelina T. Gonzales, May Flor Dela Cruz, Boyet Pattung, Lyle Gabriel Alcumendras, Avelina T. Antonio	Info dissemination thru extension activities	JaspHERE T. Urmanita, Anacleto Urmanita
Lallo	11. Citronella Production and Cultural Management	Nenette T. Columna	Info dissemination thru extension activities	Artemio Antolin
Lasam	12. Development of Tinupig Enriched with Cacao and its Packaging	John Carlo Banan, Leonida Gamet & Cherry Sanut	Technology Adoption	Luz J. Dela Cruz
Lasam	13. Marrying Banana and Cocoa: Mineral and Fat Analysis of Banana Bread Added with Cacao Nibs	Ronel T. Pacubat, Jackielen R. Garcia	Technology Adoption	Teresita G. Rumbaoa
Sanchez Mira	14. Oyster Mushroom Fortified Ice Cream	Lyndon John V. Guittap Shella B. Cacatian	Technology Adoption	Desire T. Barcena (OWNER OF BARCENA'S BISTRO)
Sanchez Mira	15. Process of Producing Coco-Honey Meatlof		Technology Adoption	XC-Him L. Estabillo

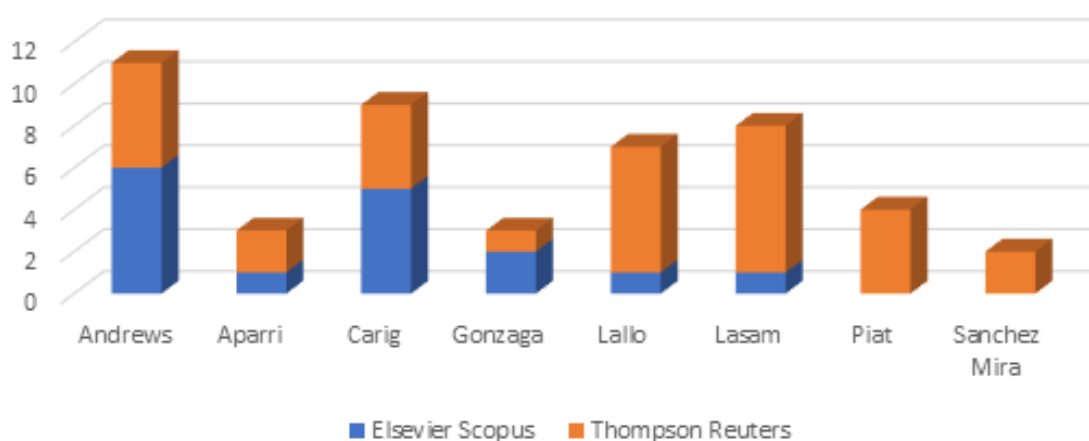
Publication

In 2023, a total of 47 research outputs were published in international refereed journals (Elsevier Scopus & Thomson Reuters) and Clarivate Analytics/Web of Science, CSU Andrews (11) had the most outputs published, followed by CSU Carig (9), CSU Lasam (8), CSU Lal-lo (7), CSU Piat (4), CSU Aparri and CSU Gonzaga (3) respectively and the least is, CSU Sanchez Mira with only (2) research outputs published.

Number of research outputs published, CY 2023

Campus	Elsevier Scopus	Clarivate Analytics/Web of Science	TOTAL
Andrews	6	5	11
Aparri	1	2	3
Carig	5	4	9
Gonzaga	2	1	3
Lal-lo	1	6	7
Lasam	1	7	8
Piat	-	4	4
Sanchez Mira	-	2	2
Total	16	31	47

Figure 5. Research outputs published in 2023



Citations

A total of 79 publications were cited 334 times by other researchers in other refereed international journals in 2023. CSU Lasam with 17 publications were cited by other researchers 135 times, followed by CSU Andrews with 97 times and the third highest was CSU Carig with 44 times.

Number of Research Articles Cited by Other Researchers in Refereed Journal Articles

Campus	Number of Publication cited	Total Number of Citations
Andrews	34	97
Aparri	7	37
Carig	8	44
Gonzaga	5	9
Lal-lo	1	2
Lasam	17	135
Piat	-	-
Sanchez Mira	7	10
Total	79	334

Research Outputs Applied for IP /Registration

A total of 29 research outputs have been applied for Utility Model. For Application there were 6 papers applied, 2 papers were granted, and for registered there were 21 output papers for utility model.

Number of patents, utility models, trademark and copyrights registration/deposit/applications, CY 2023

Campus	Outputs for Utility Model			Grand Total
	Application	Granted	Registered	
Andrews	-	-	3	3
Aparri	-	-	-	-
Carig	3	-	2	5
Gonzaga	-	-	5	5
Lal-lo	-	2	-	2
Lasam	1	-	8	9
Piat	-	-	-	-
Sanchez Mira	2	-	3	5
Total	6	2	21	29

Research & Development Capability Building

In order to consistently produce high-quality research outputs, the University R&D continuously maintains a critical mass of researchers and experts through an integrated research capability building program to further develop their skills, keep them abreast of the learning curve, and draw insights from calibre experts in various disciplines, other areas of research, and the like. In 2023, 155 seminars, fora, conferences, trainings, and meetings were attended by R&D researchers in different venues and from varying organizations; 31 of which were international, 38 were national, 27 were regional, and 59 were local.

Moreover, a total of 50 in-house seminars, training workshops, fora, and meetings were conducted in 2023. Most of which were conducted by the RDE Office University Wide.

Number of seminars, training, workshops, fora & meetings attended, CY 2023

Campus	International	National	Regional	Local	TOTAL
Andrews	4	4	10	21	39
Aparri	7	14	8	8	37
Carig	4	5	2	1	12
Gonzaga	1	1		2	4
Lal-lo	1	5	2	11	19
Lasam	4	2	3	2	11
Piat	2			3	5
Sanchez Mira	2	1	1	7	11
Total	31	38	27	59	155

Identified Faculty Researchers

In 2023, CSU has a total number of faculty plantilla of 723, and out of these faculty members ,475 are involved in research. However, only 50 faculty members were considered as researchers based from SUC levelling definition, i.e., researcher who published or presented at least two research based- papers..

Number of Faculty Members Involved in Research

Campus	Number of plantilla faculty	Number of researchers as defined in SUC levelling (Researcher who published or presented at least two research-based papers)	Number of Teaching Personnel Involved in Research
Andrews	203	10	98
Aparri	62	5	43
Carig	231	11	138
Gonzaga	46	1	37
Lal-lo	38	4	35
Lasam	27	5	18
Piat	59	8	55
Sanchez Mira	57	6	51
Total	723	50	475

Faculty Awards Received

In 2023 CSU Search for Best Undergraduate Thesis, 11 faculty researchers received several awards through the conduct of researches in different categories respectively: Jennifer Luyun, Mary Jane C. Calagui, and Ian D. Fontanilla for Experimental Research Category; Jenerwin Columna, Gilbert Magulod Jr, Janilete Cortez and Marvin Adorio for Social Research Category; and Leo P. Paliuanan, Eden Joy A. Manuel, Ronel T. Pacubat, and John Paul D. Galvan for Technological Research Category.

Moreover, 3 faculty researchers were also awarded as the first Best Research Paper during the 2023 CSU-Agency In house respectively: Mylene Ermitanio for Experimental Research Category, Audy Quebral for Technological Research Category, and Ma. Angelita S. Rabanal for Social Research Category. Second and Third Best Research Paper during the CSU In-House Review were also included in the table.

Campus	Title of Award	Title of Program/ Project/Studies	Faculty Awardee	Title of Conference/Fora	Venue & Date
Andrews	Outstanding Researcher	Covering her Research outputs (publication, presentation & awards from 2020- 2023)	Jinky Marie T. Chua	CSU Founding Anniversary	June 09, 2023
Andrews	2023 best mentor in Health Research (Undergraduate Students category)		Jinky Marie T. Chua	DOST Luzonwide Best Mentor in Health Research Award	November 20, 2023
Andrews	Best Research Paper 3rd Place in Social Research Category	Design and Validation of Research Capability test for Educators	Jay-cen T. Amanonce	University Research & Development and Extension In-House Review	November 10, 2023/ CSU Andrews Campus, Caritan, Tuguegarao City
Andrews	Best Research Paper 2nd Place Social Research Category	KAPWA: On being Community health Workers (CHWs) in Cagayan Province	Jay Emmanuel L. Asuncion	University Research & Development and Extension In-House Review	November 10, 2023/ CSU Andrews Campus, Caritan, Tuguegarao City
Andrews	Best Research Presenter	Design, Fabrication and testing of Essential oil Extractors for Quality Production of Essential Oils from Fruit Wastes	Florinchel Mae S. Wanya, Julius T. Capili	SMART Agriculture	September 29 – 30, 2023

Campus	Title of Award	Title of Program/ Conference/Fora	Faculty Awardee	Title of Conference/Fora	Venue & Date
Andrews	2nd Best Thesis Adviser (Experimental Category)	Anti-Anemic Effect of Breadfruit (Artocarpus Altilis) Leaf Ethanolic Extract in Sprague Dawley Rats	Jennifer L. Luyun	2023 Search for Best Undergraduate Thesis	June 26, 2023
Aparri	Best Research Paper 1st Place in the Social Research Category	Assessment of Infection Prevention and Control in Different levels of Health Care Facility in Cagayan Valley (Region II)	Ma. Angelita S. Rabanal	University Research and Development and Extension In-House Review 2023	November 10, 2023/ CSU Andrews Campus, Caritan, Tuguegarao City
Aparri	Best Research Paper 2nd Place in the Technological Category	Design and Development of the EKSPERTO App: An On- Demand Integrated Service- Providing App for Displaced Workers and Industry Professionals	Billy S. Javier, Julieta B. Babas, Leo P. Paliuanan, & James Karl A. Agpalza	University Research and Development and Extension In-House Review 2023	November 10, 2023/ CSU Andrews Campus, Caritan, Tuguegarao City
Aparri	Best Research Paper 3rd Place in the Technological Category	Design, Development and Implementation of the HEROES App Harnessing Effective and Responsive Operations for Aparrianos Enhanced by SMS Technology	Billy S. Javier, Leo P. Paliuanan, Julieta B. Babas, Jesty S. Agoto, James Karl A. Agpalza, Rowell F. Viggayan & Samuell Dave Y. Mabbun	University Research and Development and Extension In-House Review 2023	November 10, 2023/ CSU Andrews Campus, Caritan, Tuguegarao City
Aparri	Best Abstract Paper for Thematic Area V	GISMapNet: A Decision support system for Nematopalaemon tenuipes Aramang Fisheries Resource Management	Billy S. Javier	International Conference on SMART Agriculture 2023	September 28-30, 2023/ Caritan Sur, Tuguegarao City, Cagayan Valley

Campus	Title of Award	Title of Program/ Conference/Fora	Faculty Awardee	Title of Conference/Fora	Venue & Date
Aparri	2nd Best Thesis Adviser (Technological Category)	Design and Development of the ASSET: A Web-Based Research Archiving System	Leo P. Paliuanan	2023 Search for Best Undergraduate Thesis	June 26, 2023
Carig	Best Presenter	Vernacular Houses and Climate Change Adaptation of the Indigenous Peoples in Cagayan	Bryan Nozaleda	International Conference on Prairie and Indigenous Knowledge in Agriculture, Education, Culture and the Arts and Health	Mariano Marcos State University May 16-18, 2023
Carig	2nd Place-Best Research Paper for Technological Category	Upgrading the Greenhouse Facilities for High Value Commercial Crops at Csu Carig Campus	Roger P. Rumpon	University Research & Development and Extension In-House Review	November 10, 2023
Carig	1st Place-Best Paper for Technological Category	Design, Development and Fabrication of Different Parts and Assembly of e-Trike	Audy Quebral	University Research & Development and Extension In-House Review	November 10, 2023
Carig	1st Best Thesis Adviser (Experimental Category)	Pyrolytic Extraction of Diesel from a Polypropylene Face Mask	Maryjane C. Calagui	2023 Search for Best Undergraduate Thesis	June 26, 2023
Gonzaga	Session Best Presentation	On-the-Job Training Program Effectiveness and Performance of BSIT Students of CSU-Gonzaga	Elmarie Rufina A. Suetos	The 9th International Conference on Education 2023 "Equitable Education in the Post-Pandemic World"	March 16-17, 2023

Campus	Title of Award	Title of Program/ Conference/Fora	Faculty Awardee	Title of Conference/Fora	Venue & Date
Gonzaga	1st Place- Best Paper for Experimental Category	Enhancing Shoot Production and Rooting Success of Machiku Bamboo (Dendrocalamus latiflorus) through Varied Management Practices	Mylene Ermitanio	University Research & Development and Extension In-House Review	November 10, 2023
Lal-lo	2nd best Paper Award	Growth Mindset Pedagogical Practices of Public Senior High School Physics	Jenerwin M. Columna	International Conference and Competition in Research and Education (ICCRE)	June 5 2023
Lal-lo	3rd Best Thesis Adviser (Technological Category)	VALENA HERITAGE NETWORK (VALENAnet) Design and Development of CSU Lal-lo Website	Edenjoy A. Manuel	2023 Search for Best Undergraduate Thesis	June 26, 2023
Lal-lo	2nd Best Thesis Adviser (Social Category)	English Newcast Watching Habits and Reflective Experiences of Special Program in Journalism Learners: Toward Development of Affective Broadcast- Speaking	Jenerwin M. Columna	2023 Search for Best Undergraduate Thesis	June 26, 2023
Lasam	Second Place, Best Paper Presenter	Biochemical Profiling of UF-18 Theobroma cacao l. Powder and Its Antianemic Activity in Iron-deficiency Induced Anemia in Male Albino Rats	Mr. Ronel Pacubat	2023 Search for Undergraduate & Graduate Best Thesis & Mentor Award	CSU Hotel, Andrews Campus/May 31, 2023

Campus	Title of Award	Title of Program/ Conference/Fora	Faculty Awardee	Title of Conference/Fora	Venue & Date
Lasam	2nd Place-Best Research Paper for Experimental Category	Cacao's Flair Against Colorectal Despair	Mr. Ronel Pacubat	University Research & Development and Extension In-House Review	November 10, 2023
Lasam	1st Best Thesis Adviser (Social Category)	I will Stroke: Fine Motor Related Interventions in Enhancing Pencil Handling and Grip of First Grade Schoolers of San Lorenzo Ruiz Educational Institute	Gilbert C. Magulod Jr./ Janilete R. Cortez	2023 Search for Best Undergraduate Thesis	June 26, 2023
Piat	Best Research Paper 3rd Place in Technological Research Category	Sales and Inventory Management of Cagayan State University Piat Campus Dairy System	Lucky Amethyst Cuevas	University Research & Development and Extension In-House Review	November 10, 2023
Sanchez Mira	Best Research Paper 3rd Place in Experimental Research Category	Development and evaluation of spray dries bignay vinegar powder adjunct with maltodextrin	Shella B. Cacatian	University Research & Development and Extension In-House Review	November 10, 2023
Sanchez Mira	3rd Best Thesis Adviser (Experimental Category)	Supplementation of Egg Shell Meal in White Leghorn Ration	Ian D. Fontanilla	2023 Search for Best Undergraduate Thesis	June 26, 2023
Sanchez Mira	1st Best Thesis Adviser (Technological Category)	Design, Fabrication, and Performance Evaluation of a Weeder for Upland Rice Production	John Paul D. Galvan	2023 Search for Best Undergraduate Thesis	June 26, 2023
Sanchez Mira	3rd Best Thesis Adviser (Social Category)	Geospatial Assessment on the Distribution and Level of Mechanization in Pamplona, Cagayan, Philippines	Engr. Marvin D. Adorio	2023 Search for Best Undergraduate Thesis	June 26, 2023



INTERNATIONAL CONFERENCE ON **SMART AGRICULTURE** 2023

Shaping the Futures of Agriculture: Trends and Insights in SMART Agriculture
September 28-30, 2023 | Cagayan State University - Andrews Campus
Caritan Sur, Tuguegarao City, Cagayan, Philippines



CSU Leads International Conference on **SMART Agriculture**

Recognizing the need to secure an agriculturally sustainable future, Cagayan State University takes the lead in shaping the agriculture landscape through the conduct of the International Conference on SMART Agriculture last September 28, 2023, at the Claude Andrews Convention Center, CSU-Andrews Campus. The conversation pursued the direction of "Shaping The Futures of Agriculture: Trends and Insights in SMART Agriculture."

The conference was attended on-site by 90 participants and was joined online by 110 participants via Zoom. 10 countries were represented in the conference which includes Indonesia, Malaysia, Thailand, Taiwan, USA, Cambodia, Myanmar, New Zealand, Singapore, and the Philippines. The delegates stemmed from 34 state universities, 6 private universities, and 5 government offices.

"Smart Agriculture is the future of Agriculture." This is the main message of University President Urdujah G. Alvarado during her opening message as the Conference Chair where she emphasized the need

to redefine and adapt to technology in order for the agriculture sector to thrive. This is seconded by Regional Director Dionisio C. Ledres, Jr. in his welcome message.

The conference was forged through the reinforcement of its collaborators. Messages of Support from Commission on Higher Education Commissioner Aldrin A. Darilag, 3rd District of Cagayan Congressman Joseph L. Lara, and Chairman of CSU Board of Regents Ronald L. Adamat which inspired the participants on the importance of agriculture and innovation. Video messages from the heads of the different international university partners were also presented to the group.

To set the mood of the discussion, the keynote speech was delivered by Dr. Junel B. Soriano, Director of the Department of Agriculture - Bureau of Agricultural Research, who expounded on the different potentials and innovation in Smart Agriculture which can stimulate economic growth and enhance the livelihood of rural communities.

The various best practices of Smart Agriculture were detailed during the Plenary Sessions where the speakers including Dr. Thammasak Thongket from Naresuan University, Thailand presented the results of his study entitled, "Illuminate Your Harvest: Harnessing LED Lighting for Functional Vegetables". This is followed by the afternoon plenary speakers which include Dr. Rosnani Hasham who talked about "Transforming Agricultural Research into Product Development". Dr. John Paolo R. Rivera, OIC-Executive Director of the Asian Institute of Management tackled "Agri Eco-Tourism for Sustainable Communities". Dr. Zulhamsyah Imran of SEAMEO BIOTROP, Indonesia shared his "Insightful Perspective on Smart Agriculture". Dr. Jonathan Aguilar from Kansas State University continued the discussion on "Closing the Yield Gap through SMART Water Management". To end the first day, Engr. Dolores Mae Reonal Bureau of Soils and Water Management shared her expertise on "Soils and Water Management for Sustainability".

The event also witnessed the Memorandum of Agreement signing by CSU and DA-ACEF and the awarding of grants for research project assistance by Dr. Junel B. Soriano and the DA-BAR Projects Proponents.



EXTENSION



The office of the Extension continues to excel through strenuous efforts and ceaseless dedication of concerned stakeholders toward the successes and accomplishments aimed for the calendar year 2023. The outstanding and exemplary achievements of the office are anchored with the vision of the Cagayan State University in improving the quality of life through excellent and far-reaching Extension services as an offshoot of feasible Research and Development results.

All target indicators such as PBB and SUC Levelling have been able to satisfy and exceed. Various stakeholders were tapped in partnership with our conducted activities and interventions. Hundreds of trainings were carried out to capacitate individuals based on their identified needs and preferences.

This year's achievement is a manifestation of the determined efforts and perseverance of the campus extension coordinators. Extension and community services remain persistent to deliver successfully, in compliance with the sustained targets set by the concerned stakeholders.

These were made possible through the shared support of various external funding institutions, including long-term partner agencies, such as the Department of Science and Technology (DOST) and Department of Agriculture (DA), that financially supported Extension programs, various Local Government Units (LGU)

for working hand-in-hand in delivering services in communities, our neighboring State Universities and Colleges that broaden synergies, and other stakeholders that contributed to our endeavors which embodied the same vision and purpose, and to our community partners, cooperators, and beneficiaries.

The collaborative efforts of private groups and individuals paved the way in concretizing the success of the Extension office. Most importantly, to various communities who were reached by the CSU campuses to alleviate their life through economic, environmental, social, and political support.

The realization of all the targets was made possible through the harmonized forces of the University and campus officials of the Cagayan State University headed by the ever-dedicated president, Dr. Urdujah G. Alvarado, CESO II.

As the University embarks on the Calendar year 2024, the extension will remain persistent and grounded with its purpose of reaching communities and individuals to help improve their lives. Through the synergism of various stakeholders, we will work together to contribute to nation-building.

PERFORMANCE BASED-BONUS (PBB) ACCOMPLISHMENT

The table shows the university PBB indicators, targets, and accomplishments for CY 2023. Under the Outcome indicator No. 1, Number of Active Partnerships with LGUs, Industries, NGOs, NGAs, SMEs, and other Stakeholders as a Result of Extension Activities, the University has consolidated a total of 23 partnerships in all its nine campuses except for the newly established Solana campus, which transcended the 16 targets for 2023, having 144% accomplishment.

In line with Output Indicator 1, the Number of Trainees Weighted by the Length of Training, campuses have reported a total of 8,251.50 over the target 8,047 having 102.54% accomplishment. Though the university target did not satisfy its 1st quarter goal (2,000 >1,203.5), it was able to be retrieved in the following quarters. Various training activities including capability building and seminars were conducted aligned with their approved programs based on the niche.

The Number of Extension Programs Organized and Supported Consistent with the SUCs Mandated and Priority Programs as the Output Indicator No. 2, the university office has been able to approve 23 programs aligned with campus niches. With the total approved programs, it surmounted the total target of 16 having 144% in accomplishments.

In terms of the Percentage of Beneficiaries Who Rated the Training Cours/e and Advisory Services as Satisfactory or Higher in Terms of Quality and Relevance as the Output Indicator No. 3, all individuals trained gave satisfactory feedback to their participated training. This implies that the quality and relevance of the conducted training have contributed to the lives of beneficiaries. With a total of 100% consistent in all quarters compared to 97% targets, having 103.09% in accomplishment. See Appendix Table A for the supporting documents.

Particulars	UACS CODE	Physical Targets				TOTAL	Physical Accomplishments				TOTAL	Percent of Accomplishments
		1st	2nd	3rd	4th		1st	2nd	3rd	4th		
		Quarter	Quarter	Quarter	Quarter		Quarter	Quarter	Quarter	Quarter		
1	2	3	4	5	6	7=(3+4+5+6)	8	9	10	11	12=(8+9+10+11)	13
I. OPERATIONS												
TECHNICAL ADVISORY												
EXTENSION PROGRAM	33100000000000											
Outcome Indicators:												
1. Number of active partnerships with LGUs, industries, NGOs, NGAs, SMEs and other stakeholders as a result of extension activities		3	5	5	3	16	5	5	7	6	23	144%
Output Indicators												
1. Number of trainees weighted by the length of training		2,000	2,000	2,047	2,000	8,047	1,203.5	2,197.75	2,188.0	2,662.3	8,251.50	102.54%
2. Number of extension programs organized and supported consistent with the SUCs mandated and priority programs		3	5	5	3	16	3	2	9	9	23	144%
3. Percentage of beneficiaries who rated the training course/s and advisory services as satisfactory or higher in terms of quality and relevance		97%	97%	97%	97%	97%	100%	100%	100%	100%	100%	103.09%

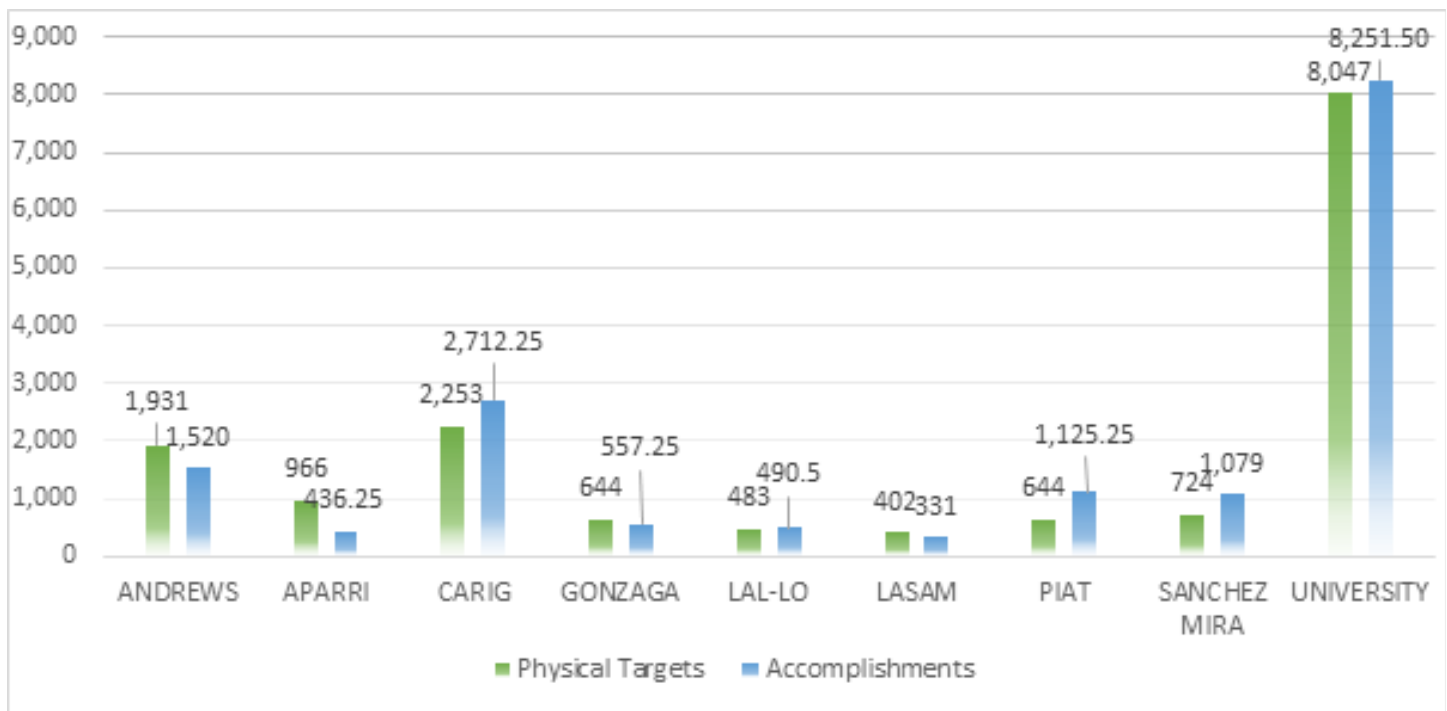
OUTPUT INDICATOR 1: NUMBER OF TRAINEES WEIGHTED BY THE LENGTH OF TRAINING

The Figure shows the accomplishments of campuses in the number of trained individuals through the conduct of training, seminars, capacity buildings, and the like. The university has been able to deliver 8,251.50 trained individuals weighted by the length of training over the target 8,047 having 102.54%. While the university has been able to surpass the target, some of the campuses have fallen short of outstripping their set targets.

Piat campus registered a 174.73% accomplishment by outpacing their targets, they were able to record 1,125.25 accomplishments over the target of 644. Having the second-highest accomplishment was Sanchez Mira with 149%, exceeding their targets, 1,079 over 724. Carig campus, having the highest set target also surpassed by 120.38%, 2,712.25 over 2,253. While Lal-lo exceeded their target with a total of 490.5 over 483, registering 101.55% accomplishments.

Nonetheless, four campuses have lacked their accomplishments including Gonzaga, Lasam, Andrews, and Aparri having only 89.63%, 82.33%, 78.72%, and 45.16%, respectively. The list of trainings conducted will be found in Appendix B.

Campus Targets vs. Accomplishments on the Number of Trainees Weighted by the Length of Training

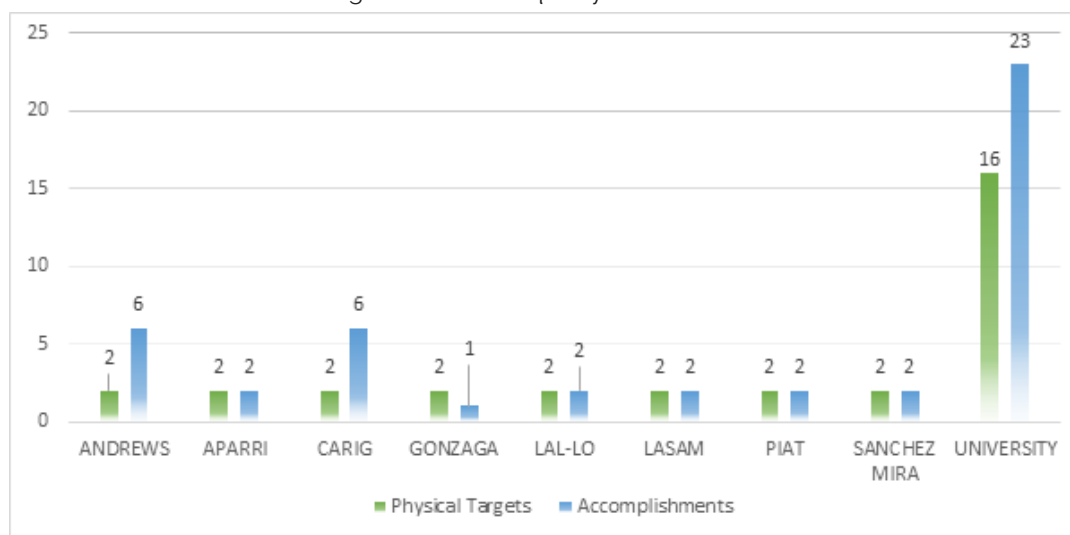


OUTPUT INDICATOR 2: NUMBER OF EXTENSION PROGRAMS ORGANIZED AND SUPPORTED CONSISTENT WITH SUCS MANDATED AND PRIORITY PROGRAMS

This 2023, a total of 23 accomplishments by the university was delivered on the Extension Programs Organized and Supported consistent with SUCs mandated priority programs that suit their campus niches outstripping the 16 targets set.

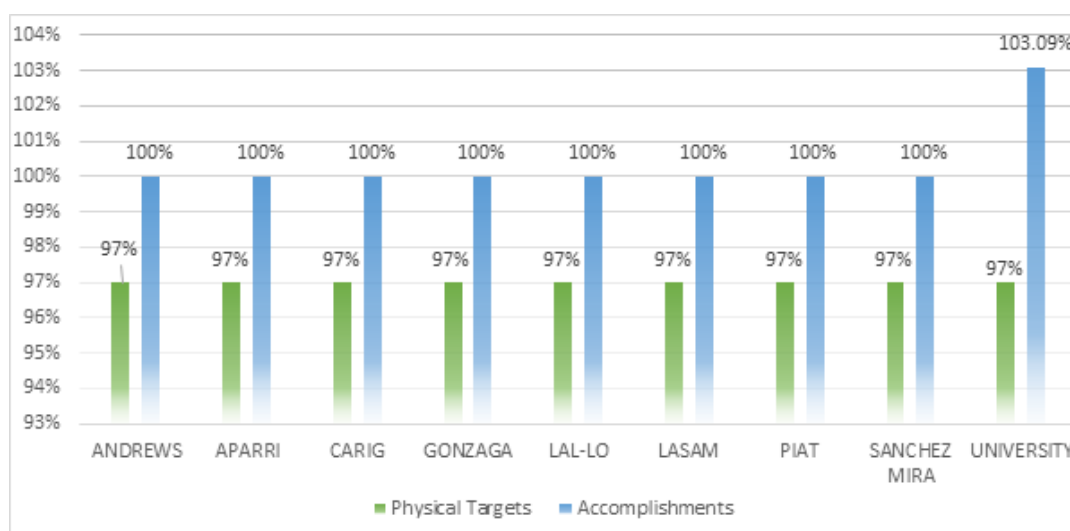
Andrews and Carig campuses have registered six (6) accomplishments each or 300%, which implies having six (6) extension programs implemented for the year 2023. Meanwhile, all the rest of the campuses except for Gonzaga campus have been able to parallel their campus targets of 2, noting 100% accomplishments such as the campuses of Aparri, Lal-lo, Piat, and Sanchez Mira. Yet only 50% have been accomplished by Gonzaga campus.

Percentage of beneficiaries who rated the training course/s and advisory services as satisfactory or higher in terms of quality and relevance



OUTPUT INDICATOR 3: PERCENTAGE OF BENEFICIARIES WHO RATED THE TRAINING COURSE/S AND ADVISORY SERVICES AS SATISFACTORY OR HIGHER IN TERMS OF QUALITY AND RELEVANCE

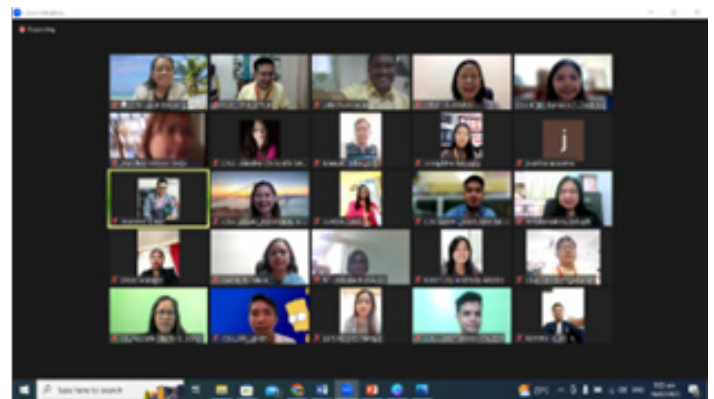
As appears in the figure below, the university has been able to receive overwhelming feedback from the trained individuals as reflected that trainees were satisfied in terms of quality and relevance of the training, seminar, capacity building, etc, registering 103.09% in accomplishment.



HIGHLIGHTS OF ACTIVITIES

UNIVERSITY EXTENSION MEETINGS

The University Extension Office conducted virtual meetings with campus extension coordinators cascading the guidelines, targets, accomplishments, and unmet targets for the PBB and SUC Levelling Performance Indicators. Led by the extension director, Dr. Josie Y. Bas-ong through the support of the VP for RDE, Dr. Junel B. Guzman.



IMPACT ASSESSMENT TRAINERS' TRAINING

Cagayan State University (CSU) through the Office of the University Extension & TVET, in partnership with the CSU AB Economics Program of the College of Humanities and Social Sciences CSU-Carig Campus, took a huge leap as it conducts the first Impact Assessment Trainers' Training on May 22-24, 2023 at CSU Gonzaga Campus.

Through the approval of University President, Dr. Urdujah G. Alvarado, with the support of Vice President for Research, Development, Extension (RDE), Dr. Junel B. Guzman and Director for Extension and TVET, Dir. Josie Y. Bas-ong, the university invited Prof. Paul Joseph B. Ramirez and Prof. Veronica I. Castillo from the University of the Philippines- Los Baños (UPLB), Department of Economics to train 28 CSU faculty members from across 9 campuses on Impact Assessment.



SEMINAR WORKSHOP ON SCRIPTWRITING AND AVP DEVELOPMENT

In order to effectively document the accomplishments and achievements of the university, the development of Audio-Visual Presentations (AVP) has become a pressing need. To address this, Extension and TVET campus coordinators conducted a 2-day intensive training workshop on scriptwriting and documentation for AVP development. The workshop took place at St. Patrick Garden Hotel and Restaurant in Aparri, Cagayan on August 14-15, 2023.



UNIVERSITY IN-HOUSE REVIEW

The Office of the Research and Development and Extension conducted its annual IN-HOUSE REVIEW on November 10, 2023, at Claude Andrews, CSU Andrews. Numerous paper entries were evaluated for this year's search for best papers. Among them are development/extension category which evaluated the extension projects conducted by the CSU campuses.



EXTENSION PAPERS PRESENTED DURING 34TH CVAARRD REGIONAL SYMPOSIUM IN ISU ECHAGUE

Mr. John Carlo Banan from CSU Lasam who was awarded as the Best Paper and Presenter during the CSU In-house review presented his paper in the CVAARRD Regional Symposium in ISU Echague.



EXTERNALLY FUNDED PROJECTS

SCIENCE AND TECHNOLOGY ACTION FRONTLINE FOR EMERGENCIES AND HAZARDS (SAFE) – LIGTAS: S&T INTERVENTIONS TO IMPROVE QUICK RESPONSE TO CALAMITIES AND NATURAL DISASTERS IN REGIONS 1, 2, AND CAR

Project Leader: Dr. Josie Y. Bas-ong

Approved Budget: 5,000,000 Pesos

Established housing and grazing areas for the 220 heads of Itik Pinas in CSU Gonzaga



Established housing and grazing areas for the 220 heads of Itik Pinas in CSU Gonzaga



Cleaned and prepared the existing pond for Tilapia grow-out in CSU



Prepared and released 16,000 fingerlings to the existing pond for Tilapia grow-out in CSU Piat and Gonzaga



Established 2 hectares rice production area in CSU Piat



Forged Supplemental Memorandum of Agreement with DA-BFAR Region 02



Distribution of Relief Packages to Calamity Stricken communities, Indigent families, and Indigenous People



Distribution of Relief Packages to Calamity Stricken communities, Indigent families, and Indigenous People



Harvesting of Palay in CSU Piat for relief operation



SCIENCE AND TECHNOLOGY COMMUNITY-BASED FARM (STCBF) FOR SUSTAINABLE LOWLAND VEGETABLE PRODUCTION IN CAGAYAN PROVINCE

Project Leader: Dr. Josie Y. Bas-ong

Approved Budget: 5,000,000 Pesos

Site Evaluation



Distribution of Vegetable Seeds, Fertilizers and other farm paraphernalia to farm cooperators in various municipality



Establishment of S&T Based Farms



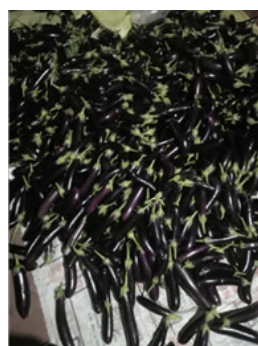
Forging of Memoranda of Agreement



Conducted Training on Pesticide Residue Analysis for Vegetables Documentations



Harvesting of Vegetables in project sites



Distribution of Agricultural Inputs



ADOPTION OF IMPROVED HATCHERY-NURSERY CULTURE SYSTEM FOR COMMERCIAL PRODUCTION OF MANGROVE CRAB SEEDTOCK IN BUGUEY, CAGAYAN

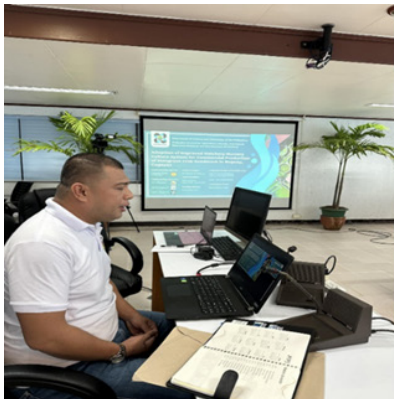
Project Leader: Dr. Quirino G. Pascua

Approved Budget: 12,910,996 Pesos

Establishment of Project Site



Benchmarking Activity



Revisit of Mangrove Crab Scientists to Hatchery Site



Meeting with NFRDI To Plan For The IEC Materials Development



Groundbreaking Ceremony for the Development and Improvement of Mangrove Crab Hatchery Facility



PARTNERSHIP



CSU and UNMAS, Indonesia sign Memorandum of Understanding on Exchange Program and Agribusiness Initiatives

Cagayan State University (CSU), through University President Urdjah G. Alvarado, sealed a Memorandum of Understanding (MOU) last September 18, 2023, with the Universitas Mahasarawati Denpasar (UNMAS) Indonesia led by Rector Dr. Drs. I Made Sukamerta.

In her message, University President Alvarado expressed her excitement as she looks forward to the international exchange opportunities with Universitas Mahasarawati Denpasar. "With Indonesia being one of the Philippines' closest neighbors, I am sure that there will be a lot of interesting topics and cultural experiences to learn from one another that can improve cross-cultural understanding," the president said.

The new partnership will dwell on faculty and students exchange across the areas of

teacher training, education, and agriculture, and agribusiness activities including crop and livestock, food processing, and innovation focusing on the university's niche with high-value crops like coffee, citronella, and lemon grass.

Further, it will also include activities in the field of research and access to publications, joint seminar workshops, trainings and other academic activities. The virtual MOU ceremony is witnessed by CSU Vice President for Academic Affairs – Dr. Mariden Cauilan, Vice President for Administration and Finance – Dr. Gigid Battung, Vice President for Partnership and Resource Mobilization – Dr. Teresa Dimalanta, Vice President for Research, Development and Extension – Dr. Junel Guzman, different CSU Campus Executive Officers and Domestic and International Partnership coordinators.





CSU inks partnership with Yuvakshetra Institute of Management Studies of India

The Cagayan State University (CSU) hailed its newest international partner in Kerala, India through a Memorandum of Understanding with Yuvakshetra Institute of Management Studies (YIMS) led by its Principal, Dr. Tomy Anthony.

University President Dr. Urdujah G. Alvarado said that internationalization is one of the areas that the university wants to forge and develop to realize various convergence activities among different academic institutions with the same goal as CSU.

"With Philippines and India harnessing the rich traditions and practices, there will surely be a lot of similarities and differences in culture and academics that will be great points for learning in cultural understanding towards a better higher education in Asia region," Dr. Alvarado said.

Meanwhile, Dr. Tomy Anthony, ably represented by Vice Principal Dr. Lalu Olikkalkoonal, said that YIMS is looking forward to collaborating with CSU in various education and research activities, both for

faculty and students, exchange of publications and information, innovation, sharing of best practices, among others.

The two higher education institutions shall implement activities in education and research, faculty and student training, exchange of academicians and researchers, exchange of faculties and students, exchange of scholarly materials and information, invitation to conferences, colloquiums, and fora, and other analogous activities as agreed upon in the signed MOU.

The MOU is witnessed by Dr. M. Ramachandran, Convenor, External Affairs, PG Department of Geography of YIMS, and Prof. Shylaja Menon, Coordinator, Internal Quality Assurance Cell of YIMS, Dr. Theresa B. Dimalanta, CSU Vice President for Internationalization, Partnership, and Resource Mobilization, and Dr. Mariden V. Caulan, CSU Vice President for Academic Affairs.





CSU inks Memorandum of Understanding with National Chung Hsing University of Taiwan

Another international partnership is forged after Cagayan State University led by Dr. Urdujah G. Alvarado, and National Chung Hsing University in Taiwan represented by the Dean of the College of Agriculture & Natural Resources, Prof. Shaw-Yhi Hwang, signed a Memorandum of Understanding (MOU).

Under the MOU, the two universities will create joint programs that will enhance academic and research proficiency including faculty exchanges, student trainings and seminars, and academic exchanges.

In her message, President Alvarado said that CSU's mission is to produce globally competent and international industry graduates through excellent instruction, innovative research, and productive industry and community engagement. To realize this, the university is moving towards internationally-linked collaboration.

"I am certain that it is going to be a start of countless possibilities and opportunities for innovation and development for both universities in faculty exchange, student mobility, joint research activities, and cultural exchange, among others," the University President said.

She hopes that "the partnership will materialize in the future with booming joint academic and research projects and be a driver of more responsible international higher education in the Southeast Asia region".

Meanwhile, the National Chung Hsing University vows to treat the partnership like how brothers and sisters support each other, to take care of it, and team up with CSU in discovering more opportunities for growth and collaboration.



College of Agriculture and Natural Resources, NCHU, Taiwan



CSU forms Alliance with Quirino State University

Cagayan State University (CSU) President Urdujah G. Alvarado and President Hermenegildo Samoy, Jr. of Quirino State University (QSU) signed on August 17, 2023, a Memorandum of Agreement (MOA) for the new synergistic endeavors on academic, research & development, and extension.

In the MOA, CSU – Andrews College of Hospitality Management and QSU – Diffun College of Hospitality and Tourism Management will “establish, promote and develop on a basis of direct cooperation and collaboration in the field of research, education, and training programs”.

President Alvarado is looking forward to the changes that the MOA will bring, the standards that will be created, and the new programs that will be introduced. “QSU has its own strengths that we do not have in CSU and vice versa. I’m excited about this shared commitment and we hope that we can start seeing accomplishments before the year ends.”

QSU President Samoy, Jr. expressed his gratitude to CSU. “This meaningful collaboration with you will

serve as scaffolding to make us more resilient and relevant educational institution. This MOA is another significant milestone in improving our communities, institutions, and students.”

The MOA Signing is witnessed by Dr. Theresa B. Dimalanta, Vice President for Internationalization, Partnership and Resource Mobilization; Dr. Junel B. Guzman, Vice President for Research, Development and Extension; Prof. Ramon Henry Peregrino O. Kanapi, CEO of CSU Andrews; Prof. Kristinne Joyce A. Lara, Director for Domestic and International Partnership; Prof. Christopher Lord T. Tulauan, Campus Coordinator of DIP; Prof. Lourdes Judy B. Luyun, University Dean of CHM; Dr. Lianne T. Abuan, Dean of CHM; Dr. Elizabeth Carig, Vice President for Academic Affairs and Research, Development & Extension of QSU; Dr. Jonathan N. Tariga, Dean of CHTM of QSU; and other university and campus officials.

CSU Eyes for New Partnership with TESDA



Cagayan State University (CSU) led by President Urdujah G. Alvarado and Technical Education and Skills Development Authority (TESDA) Region 02 spearheaded by Regional Director Vincent Aljon A. Cifra convene on August 7, 2023, to unlock more opportunities through the agency's priority programs and projects.

With its regional vision of "A Vibrant and Responsive TVET Ecosystem in Region II with Excellence Standards", RD Cifra presented the TESDA's priority programs & projects along with their scholarship grants.

In his report, CSU has a total of 695 slots this 2023 under the two TESDA scholarship programs namely, the Training for Work Scholarship Program (TWSP) with 425 scholars, and 270 in the Universal Access to Quality Tertiary Education Act Scholarship Program (UAQTEA) with a total scholarship fund of P20.6M allocated in different campuses of CSU – Andrews, Aparri, Gonzaga, Lal-lo, Piat and Sanchez Mira.

Aside from the National Certificate (NC) qualification services of CSU, RD Cifra encouraged other campuses of the university to offer diploma programs, one of the top priority programs of TESDA.

Currently, CSU has 51 Technical and Vocational Education Training (TVET) assessment centers, 17 training centers, and several faculty members with TESDA certificates — 61 with NC II Certificates, 23 with NC III, 68 with Trainor's Methodology, and 62 with TVET National Trainer's Certificates. The University also developed 29 competency-based learning materials and has 9 more TVET establishments housed in CSU including the newly built TVET building in CSU Gonzaga.

Meanwhile, a tour of the CSU Hotel took place after the meeting. President Alvarado believes that this will open new opportunities for CSU Andrews' TVET programs. "With our new Regional Director, I hope that TVET in CSU will flourish more. We have always been grateful for the support the previous administration has given us. And we are certain that the same support shall be extended, even more, I suppose, with RD Cifra at the helm," the President said.

CSU offers various diploma programs in Aparri, Lal-lo, Gonzaga, Piat, and Sanchez Mira with a minimum of 6 NC eligibilities upon completing the programs.

INTERNATIONALIZATION



3RD INTERNATIONAL CONFERENCE ON FUTURES THINKING TOWARDS SDGs

Theme: "Unboxing Society 6.0:
Futures Thinking Skills, Technologies, & SDGs"

22.DEC.2023



Spearheaded by the Cagayan State University (CSU) in collaboration with various international institutions, The 3rd International Conference on Future Thinking towards Sustainable Development Goals (SDGs) was attended by over 350 participants from around the world via Zoom on December 22, 2023.

Since December 2021, through the pioneering vision of CSU University President Urdjah G. Alvarado, the conference continues to bring together scholars, academicians, and students who advocate policy change and foster a cross-disciplinary understanding of futures thinking's role in realizing the SDGs.

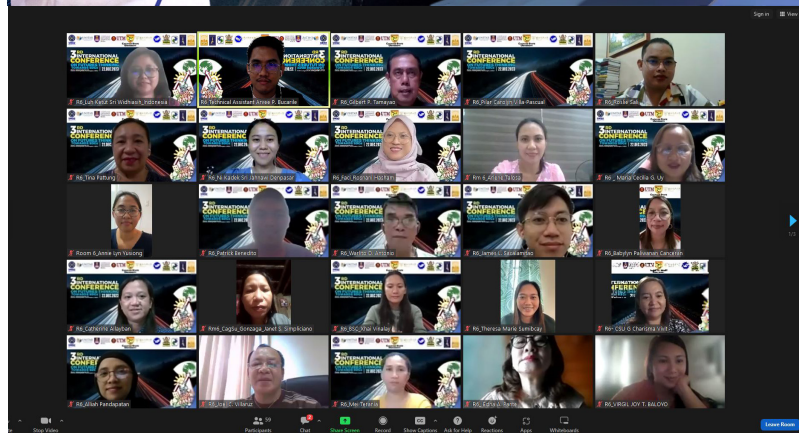
In her opening message, Dr. Alvarado emphasized the responsibility of educators and institutions to empower individuals and communities to address pressing global issues. "We have the roles to play not only to bring awareness to our current situations but also to empower our constituents and stakeholders so they will have the foresight abilities, risk management skills, and reflective thinking capabilities to enable them to contribute in their respective professional organizations and communities to ensure intergenerational fairness," the President said.



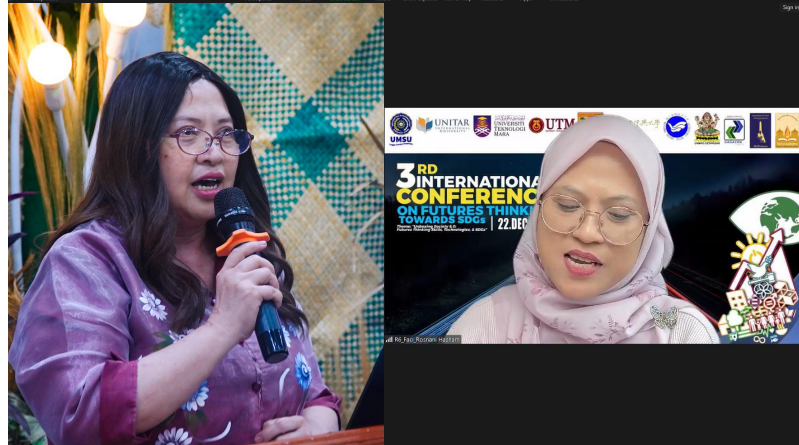
Keynote Speaker Atty. Ma. Antonette C. Velasco-Allones, Undersecretary for Finance and Internal Affairs of the Department of Migrant Workers (BMW), introduced the GEO-STEP Challenges, which include sustainability on climate change, technological disruption, economic inequality, and political instability and how to address these through practicing ethical ways of leading and living. She also presented the Quintuple Innovation Helix-Plus Framework, a collaborative approach that recognizes diverse perspectives to provide collaborative solutions.



The conference featured esteemed resource speakers from across the globe, including Dr. Lizan Perante-Calina (PhilFutures), Prof. Ir. Ts. Dr. Mohd. Fadhil bin Md Din (Universiti Teknologi Malaysia), Dr. Fr. Augustine Thomas Pamplany (Yuvakshetra Institute of Management Studies, India), and Prof. Dr. Rozainun Binti Ab Aziz (UNITAR International University, Malaysia). The afternoon sessions offered deeper dive into seven key themes, ranging from governance and sustainability engagement to youth leadership and harnessing technology for Society 6.0.



The 3rd International Futures Thinking Conference was conducted in collaboration with Universiti Teknologi MARA, Malaysia; Unitar International University, Malaysia; Universiti Teknologi Malaysia; Universitas Muhammadiyah Sumatera UTARA, Indonesia; Universitas Mahasaraswati Denpasar, Indonesia; Yuvakshetra Institute of Management Studies, India; National Taiwan Ocean University, Taiwan; National Chung Hsing University, Taiwan; Philippine Futures Thinking Society; Philippine Institute of Certified Public Accountants, Cagayan Chapter; and Philippine Association of Medical technologists, Cagayan Chapter.



GOVERNANCE



CSU hosts Thanksgiving Program for Cong. Joseph “Jojo” L. Lara as Proponent of CSU Solana’s Establishment

Cagayan State University conducted a Thanksgiving Program in honor of Congressman Joseph “Jojo” Lasan Lara and Dr. Zarah De Guzman-Lara at the CSU Andrews Claude Andrews Convention Center on January 18, 2023 together with key university officials, college deans, and students.

The program was conducted in honor of the heartfelt gratitude on the all-out support and provision of Congressman Lara in the development and progress of the university in its quest to make education at the grasp of those who are willing to learn.

University President Urdujah G. Alvarado expressed her gratitude to Congressman Lara and Doctor Lara for their commitment to making higher education more accessible to the children of Cagayan. “Thank you for banking on our youth and making CSU progress at its vocation!”, she added.

Congressman Lara is the proponent of the establishment of CSU-Solana from the ground up. Aside from the newly-

established Administration and Academic Building at the said campus, he also gave provision to the building of a dormitory at CSU Carig which is almost completed - the largest in the university with a 300-bed capacity.

Continuing the goal of new spaces for CSUan learners, CEO Arthur G. Ibañez presented the infrastructure projects that are supported by Congressman for the year 2023 which include the construction of a Four-Storey Andrews Campus Dormitory Phase 1 and proposed construction of Campus Grandstand at CSU Carig Campus. CSU Solana will also see through new buildings rise as plans for a Three-Storey Academic Building and University Gymnasium at CSU Solana are on the works.

In his message of response, Congressman Lara thanked the CSU community for the overwhelming trust and support he received. He also promised the continued support to raise the bar of education in the university as many more project are on the line-up. “Kasama niyo akong nangangarap para sa kabutihan ng Cagayan State University,” he added.



RD Dionisio Ledres, Jr. Highlights the Role of Education and Lifelong Learning in Region's



National Economic and Development Authority - Region 02 Regional Director Dionisio Ledres, Jr. delivered a lecture on the essential role of education and lifelong learning in realizing the vision of making the Cagayan Valley Region the gateway to East Asia by 2040. The lecture, conducted during the CSU Mid-Year Assessment and Planning for Vice-Presidents and Campus Executive Officers, took place at the Hotel Seoul in Clark, Pampanga, on October 9, 2023.

As the Resource Speaker, RD Ledres discussed the strategic framework outlined in the Cagayan Valley Regional Development Plan (CVRDP) for improving education and lifelong learning. The plan encompasses the attainment of quality, inclusive, adaptive, and future-ready basic education for all individuals. It also emphasizes the global competitiveness and inclusivity of Technical Vocational Education and Training (TVET) and Higher Education institutions.

Moreover, the plan focuses on enhancing the research output to foster a broader knowledge economy while concurrently highlighting the necessity of improving governance to enhance human capital development.

In addition, RD Ledres presented the annual targets for the years 2023 to 2028, presenting specific indicators for each strategic objective. He emphasized the crucial role of the TVET and Higher Education Institutions in accomplishing these targets. Their progress can be measured through their rankings on the international stage, the results of licensure examinations, and the establishment of robust information systems.

The lecture by RD Ledres served as a call to action, inspiring academic and administrative leaders of Cagayan State University to actively contribute towards achieving the region's vision.

President Urdujah Alvarado receives Philippine Resilience Award

In recognition and honor of President Alvarado's achievements to building a climate- and disaster-resilient Philippines amidst complex and systemic challenges, the National Resilience Council awarded her as one of the Top 10 women in the Philippines that contributed to disaster risk reduction and climate change adaptation and mitigation in their respective communities. The award was given at the SMX Convention Center in Pasay City on October 12, 2023.

Dr. Alvarado is joined by other women from all over the Philippines who were nominated and who passed through a screening

highlighting evidence-informed, and science and technology-based local leadership and innovative solutions.

The Philippine Resilience Awards (PRA) is a pioneering awards program that honors and promotes the resilience-building excellence of local leaders in the country. Its primary goal is to recognize champions of resilience in various sectors and communities.



URDUJAH G. ALVARADO, Ph.D., CESO II

CEO Quebral is the New CSU Aparri Campus Executive Officer

Cagayan State University-Aparri Campus welcomed its new Campus Executive Officer - Engr. Audy R. Quebral during the Turnover Ceremony held on November 8, 2023 at CSU-Aparri Campus Gymnasium.



The event paved way to the ceremonial transitioning of the key of responsibility to Engr. Quebral by the former CEO Simeon Rabanal, Jr. who has just recently retired from the service. The ceremony was attended by University President Urdujah G. Alvarado who expressed her thanks to the leadership extended by the outgoing CEO towards the university goals of excellence. At the same manner, she also welcomed the incoming CEO and congratulated him for accepting the challenge to lead the Aparri Campus community.

Engr. Audy R. Quebral is the former Dean of the College of Engineering and Architecture consistently marking significant results in engineering licensure examinations and producing topnotchers nationally.





WELCOME TO CSU BAMBOO SANCTUARY!

In a world struggling with the impact of climate change, there is a beaming hope harnessed from the potentials of Bamboo – Welcome to the Bamboo Sanctuary of Cagayan State University- a unique tourist destination of Northern Luzon!

In 2019, the project was conceptualized by Prof. Ana Marie Caulan as an offshoot of her short course in Sustainable Tourism at the Asian Institute of Management. The project was then implemented by Gonzaga campus CEO, Dr. Froilan Pacris, Jr. and his team, through the strong support and supervision of Pres. Urdujah G. Alvarado, as an extension arm of the Bamboo Agroforestry niche of the campus. The rich ecological landscape of the municipality of Gonzaga makes it a perfect haven for the bamboo to thrive.





BAMBOO CAFE

At the heart of the CSU-Bamboo Sanctuary lies the Bamboo Café, a bamboo-built outdoor coffee shop that offers a serene place to relax while enjoying a menu of amazing local delicacies, such as Bibingka, tupig, and Tinubong - a dessert made of glutinous rice and coconut milk inserted in a bamboo node locally called as "tubong". These dishes do not only provide a treat to the palates but also add to the natural and authentic experience that the café offers.

BAMBOO VILLAGE

Another major highlight of the Bamboo Sanctuary is the building of sustainable and eco-friendly bamboo-inspired cottages known locally as "kubo". The sturdy walls decorated with woven bamboo peels, the soaring roofs made of tropical palm leaves, the bamboo furniture, and the natural and fresh fragrance from the bamboo seamlessly blend with the natural surroundings and offer a harmonious and eco-friendly space to relax. The building of these state-of-the-art cottages was made possible through the contributions and sponsorships of the different campuses of CSU.



BAMBOO NURSERY & SETUM

Surrounding the Bamboo Café and the Bamboo Huts are sceneries that equally provide serene and beautiful atmosphere for all visitors. The Bamboo Nursery and Bamboo Setum showcase 46 different varieties of bamboo, ranging from giant varieties to decorative and ornamental kinds. The Urdujah Health and Wellness Park provide a space for recreation and relaxation.

As you walk further, there lies a lush and colorful scene of the Dragon Fruit plantation, covering the area with green and red colors from the dragon fruit plants. In their season, visitors get to enjoy the sweet and satisfying taste of this delicious fruit.



As visitors exit the sanctuary, a souvenir shop is open to show them various products made from bamboo. T-shirts with bamboo designs, cups and mugs, planners, pens, tote bags, and other amazing commemorative products are always on display and are great reminders of the unique experience of the CSU-Bamboo Sanctuary.

Likened to the resiliency, sturdiness, and versatility of the bamboo, Cagayan State University strives to show its strength despite challenges. The CSU-Bamboo Sanctuary not only provides solace to the soul but envisions a brighter and greener future for all.



CSU-Gonzaga launches Mangrove and Bamboo Research & Innovation Center and CSU Bamboo Sanctuary as a ComPassion Project

As a part of the International Conference on Smart Agriculture (ICSA), the delegates and special guests were welcomed by the CSU -Gonzaga community as they paid a visit to the CSU -Gonzaga Campus for the inauguration and blessing of the Mangrove and Bamboo Research Innovation Center (MABRIC) and the launching of the CSU Bamboo Sanctuary as a CES Community Passion (ComPassion) Project on September 30, 2023.

As part of the activity, a tree planting initiative was conducted to signal the start of the CSU Bamboo Sanctuary as a CES Community Passion Project which was attended by the Executive Director of the Career Executive Board Ma. Marcy C. Ballesteros, University President Urdujah G. Alvarado, CSU's Board of Regents, Vice Presidents, Campus Executive Officers, guests from the LGU of Gonzaga, and active partners of CSU.

This was followed by the MABRIC Inauguration through the blessing of the facility by Fr. Ranhilio C. Aquino, the unveiling of the MABRIC memorabilia, and the cutting of the ribbon which signals the

beginning of the facility's fully functional state.

President Alvarado, in her Opening Remarks, gave a very lively and emotional expression of gratitude to everyone who was instrumental in the success of the event. She expressed that the realization of these dreams was a product of hard work, passion, and the Bayanihan of CSU, which proves that what seems to be impossible will become possible with unity. "Together, we forge a path forward for a productive and efficient bamboo industry in the region," she concluded.

CESB Executive Director expressed that the CESB community is proud of Pres. Urdujah G. Alvarado for her trailblazing innovations, her dedication to service, and for being a blessing to CSU and to the Cagayanos with her talent for mobilizing resources and people towards a common goal. She further reminded everyone to not give up despite challenges as she closed her statement with, "Every day, each of us is like a bamboo. Like a bamboo, the higher you grow, the deeper you bow."

For the closing message, the CEO of CSU-Gonzaga, Dr. Froilan A. Pacris, Jr. extended his words of thanks

to the collaborators, benefactors, stakeholders, and the whole of CSU-Gonzaga for being the driving force behind the success of this milestone, and for showcasing the Tangkiran Spirit. He made a special thanks to the President for inspiring CSU to strive for excellence. "Your unwavering trust in

us is truly inspiring. Your willingness to invest in your vision has enabled us to explore possibilities, tackle pressing challenges, and make a real impact in our field and to the society," he added.



Senator Gatchalian inspires Cagayano Youth during the 45th Anniversary Opening Program



Senator Sherwin "Win" Gatchalian joined the CSU community in celebrating its Sapphire Anniversary at CSU Carig Red Eagle Gymnasium on June 7, 2023. CSU warmly received Senator Gatchalian together with CSU's key benefactors through a grand welcome dance composed of 5,000 students during the Anniversary Opening Program.

Congressman Joseph L. Lara, proponent of the establishment of CSU-Solana, delivered the welcome remarks, where he expressed how proud he is to be part of the CSU community and how supportive the academic administration has been in building the 9th campus from start to finish.

In her opening remarks, University President Urdujah G. Alvarado commemorated the humble beginnings of CSU into what it is today - a higher education institution decorated with national accolades, international quality seals, and excellent achievements in producing quality students.

The guest speaker was introduced by Fr. Ranhilio C. Aquino where he regarded Sen. Gatchalian as an advocate of education. This is echoed in his message, where he recalled his education abroad, which shaped his principle that "the blessing of education must be experienced by all."

He recalled the lobbying process for the Free Tuition Law, which now covers CSU. "Kayo na po ang mapalad na nabigyan ng maganda at dekalidad na edukasyon. Huwag sayangin ang oportunidad. Mag-aral ng mabuti at umuwi na dala ang diploma", he advised the students.

In order to further support the cause of education, the Kuya Win Scholarship Program was also launched, which aims to provide financial assistance worth 15,000 php to 667 qualified and deserving CSU students for the next academic year.

The recognition of CSU's benefactors who supported and assisted the university in its mandate of implementing quality education, relevant research, and timely extension programs was also awarded during the event.

To cap off the program, the launching of the SARABO Exhibit, which featured niche-based food products produced by the campuses, was also graced by the honorees.

CSU awards Exemplary Employees for its Sapphire Anniversary



On a night of glamour and fun, the President appreciated awardees in different categories with plaques and certificates recognizing their exemplary performances and committed service to CSU.

The Presidential Special Awards were accorded to Fr. Ranhilio C. Aquino for the excellent academic and administrative support he provides to CSU, Dr. Junel Guzman for making CSU a research-active university, Dr. Giged Battung for strengthening the university's internationalization efforts through meaningful partnerships, Dr. Mariden V. Cauilan for making CSU a household name for quality higher education, Dr. Florentina Dumlao for her top-notch planning and monitoring of the university's performance in achieving its targets, Prof. Maria Nilda M. Munoz for her innovative and relevant research, Dr. Editha S. Pagulayan for her contributions in paving the way for the enrollment and graduation of offshore students, Prof. Jane Umengan for her services as the former Faculty regent, Hon. Loreto Pacay Jr. for representing the private sector in the CSUs Board of Regents, Mr. Jake Biraquit and Mr. Jhon Michael Pattugalan for their outstanding commitment to student leadership.

Additionally, the results from the awards evaluation committee were also announced which revealed winners of the different categories for the Presidential Awards. Engr. Arthur G. Ibanez is the CEO of the year, Engr. Audy R. Quebral is the Dean of the Year, Mr. Roldan B. Sawadan of Lallo is the Teacher of the Year.

Meanwhile, the Bamboo Sanctuary of Northern Luzon was hailed as the Extension Project of the Year. The award was received by the proponents and implementers of the project Dr. Froilan A. Pacris Jr., Prof. Ana Marie C. Cauilan, Dr. Romar R. Banadero, Dr. Jay F. Omotoy, Prof. Mae Angelica A. Sinco, and Prof. Myraly Marcos.

Further, Dr. Jinky Marie Chua of Andrews campus obtained the Researcher of the Year award, Mr. Virgilio Malayao obtained the Auxiliary Staff of the Year, Ms. Ronabelle A. Ramil of Lasam is Administrative Personnel of the Year, and the Student of the Year award was bagged by Mr. Scott Louie C. Pasion of Gonzaga campus.

All winners were awarded with Plaques of Recognition while the nominees in all categories also received certificates of Appreciation. The awards given were all grounded on CSU's Program on Awards and Incentives for Service Excellence or PRAISE.

To recognize faculty and employees for their years of committed service to CSU, Certificates of Loyalty were also granted to 78 individuals.

During the celebration, the President's report was also witnessed by everyone, showcasing the stellar achievements of the university for the past year. The university officials graced the night with a Rigodon dance that made the President's Night livelier and more elegant.

CSU Grandstand soon to rise in Carig Campus



A new edifice is in the works at the Cagayan State University Carig Campus!

The Groundbreaking Ceremony for the first-ever CSU Grandstand marks the beginning of the new mega-project on campus. The infrastructure project was made possible through the sponsorship of Congressman Joseph "Jojo" L. Lara.

University President Urdujah G. Alvarado expressed her gratitude to Cong. Lara for the support and assistance he has extended to CSU in creating provisions that would make learning more conducive. "I know that this grandstand will surely be a place of unity and camaraderie. It will definitely house many university-wide events, a place for coming together and celebrating as one family," she added.

Cong. Lara, in his message, expressed that he still has a lot of plans on the works for Cagayan State University, including the improvement of CSU Carig's Red Eagle Gymnasium and the roads leading to the campus. Congressman Lara is also the main proponent of the CSU Solana Campus and responsible for the construction of a 3-storey dormitory at the Carig campus.

The event transpired on June 8, 2023 as part of the university's Sapphire Anniversary, and was attended by Congressman Joseph L. Lara, University President Urdujah G. Alvarado, Engr. Mariano B. Malupeng, Dr. Zarah De Guzman-Lara, university and campus officials, and student leaders.





CSU thanks partners through “Gabi ng Pasasalamat”

In honor of CSU's partners for community development, Cagayan State University conducted “Gabi ng Pasasalamat” which became an avenue to recognize the support and assistance given by various line agencies and individuals to the cause of quality education and extensive research.

The organizations that were recognized include DOST and its attached agencies, DA R02, DA-BAR, DOE National, UP-NEC, DENR R02, DOH R02, DTI R02, TESDA Cagayan, Lighthouse Cooperative, GoodFellow Pharma Cooperation, NGCP, and Pugad Lawin. Individual awardees were also aptly recognized.

The honorees were delighted with a cultural presentation by the Athena Performing Arts Bureau, serenaded by the composer of the anniversary song “Tatak CSU” by Mr. Romuald La Madrid, and entertained through a dance performance by the university officials as part of the tribute.

University President Urdujah G. Alvarado expressed her gratitude to CSU's partners and acknowledged their indispensable support in the attainment of its goals. She mentioned that “the

different milestones and achievements that CSU has reached in the past years were made possible through the partnerships we have forged with line agencies and organizations who helped us make a difference and who share the same mission of intellectual pursuit and countryside development”.

In the message of response from the partners, DOST Undersecretary Sancho A. Mabborang expressed his joy to be back as he used to be part of CSU's Board of Regents. He said he is proud that the university transformed into an institution with class, sophistication, untiring innovation, and international standards. “It is an honor to receive the award from CSU though President Alvarado and her team who share the passion and commitment of serving the community,” he added.

Dr. Diana L. Ignacio, DOST Assistant Secretary, also gave her response and thanked CSU for acknowledging DOST as a valuable partner and that the agency looks forward to continuously working together in strengthening academe-industry collaborations.

CSU Campuses exhibits their Niche-Based Food Innovations



As part of celebrating the 45th Founding Anniversary of the university, different campuses of Cagayan State University showcased their unique food entries during the Food Solutions Competition on June 8, 2023, held at CSU Carig Red Eagle Gymnasium.

The competition aimed to create innovative and original food products responsive to the needs of the future. It challenged the participating teams to develop and innovate food solutions using their niche products: cacao, coffee, bamboo, rice, milk, coconut, seaweed, and crab as their main ingredients.

Up to 12 entries were submitted with 3- to 5-minute video presentations that included short documentations of their creative process. The videos were showcased to the judges before they were evaluated through a set of criteria; 30% for Novelty, 20% for Market Attractiveness, 25% for Sustainability, and 25% for Flavor Characteristics.

The Fillet of GG Confit of Andrews Campus bagged the first prize, winning Php 10,000, and the Salted Caramel Streusel Bar, also from Andrews garnered the 2nd prize, winning Php 5,000. The third spot was presented to CSU Gonzaga's Bamboo Shoot Pasta, which won Php 3,000. The Kanyogan Garden Crisps of Sanchez Mira and the Rice Chips enhanced with Seaweeds of Carig were awarded 4th and 5th placers, respectively.



The winners were determined by a Board of judges, which included the Assistant Secretary of DOST, Dr. Diana Ignacio; the former Director of DOST-TAPI, Dr. Edgar I. Garcia; and the DOST Regional Director for Region XI, Dr. Anthony C. Sales, who served as the Chairman of the team. After the awarding of winners, the judges all gave very positive feedback, emphasizing that the food products were all innovative and had great potential. Impressed by the comments from the judges, the President pledged to give funding to all submitted food innovations through their campus Research, Development and Extension units. The funding is to encourage all campuses to fully develop the products that were presented during the competition.

Simultaneously, the whole community celebrated through food and camaraderie at the Tinuno Festival. Each campus had a camp-style lunch where everyone prepared and grilled their own food. At the end of the day, everyone shared a big feast as a whole CSU community

Mr. & Ms. CSU Sapphire Crowned CSU Got Talent winners selected



One in solidarity and team spirit, Cagayan State University puts together a 2-in-1 event - the Mr. and Ms. CSU Sapphire and CSU Got Talent on June 9, 2023, at the CSU Carig Red Eagle Gymnasium.

Candidates from both competitions were from the 9 campuses who proudly presented and showcased their talents to the whole CSU community. The search of Mr. and Ms. CSU contestants stun the audience in their sportswear, casual wear, uniform attire, and evening wear.

Mr. Patrick Dale Umangay from CSU Sanchez Mira was crowned as Mr. CSU Sapphire while Ms. Sarah Marie Joy Dela Vega from CSU Lal-lo was titled as Ms. CSU Sapphire. Both winners received Php 8,000 each as cash prize.

Mr. Stephen Melad representing the Central Administration and Ms. Chinie De Polonia from CSU Solana came in as the 1st runner ups. While Mr. Joshua Santiago from CSU Carig and Ms. Angelyn San Juan from CSU Aparri finished at the 2nd runner up spots.

Resounding voice and unique performances were presented for the CSU Got Talent. Mr. Van Erll Abalos Santos from CSU Andrews impersonated Elizabeth Ramsey. He bested 9 of its competitors and emerged as champion. Ms. Jonathan Unciano from Piat Campus sang to the song of Sarah Geronimo which landed her the 1st runner up spot. Mr. Stanley Follante from CSU Solana did a rendition of Daniel Boone which claimed the 2nd runner up spot.



The events were created to promote the physical and emotional wellness of employees through the conduct of physical and entertaining activities and to boost camaraderie among the CSU community.

2023 INFRASTRUCTURE

INFRASTRUCTURE PROJECTS AS OF DECEMBER 31, 2023

FUNDING INCREASE IN CARRYING CAPACITY OF THE COLLEGE OF MEDICINE (CONSTRUCTION OF LAB. BUILDING) – CARIG CAMPUS

ABC: Php 52,000,000.00
CONTRACT PRICE: Php 42,000,000.00
CONTRACTOR: Milestones 888 Construction INC.
DATE STARTED: February 7, 2022
REMARKS: ON-GOING 70% AS OF Dec. 2023



PMO AND TISSUE CULTURE LABORATORY FOR MANGROVE AND BAMBOO RESEARCH AND INNOVATION CENTER (BUILDING & STRUCTURE) PHASE 1 – GONZAGA CAMPUS

ABC: Php 5,000,000.00

CONTRACT PRICE: Php 4,071,810.74

CONTRACTOR: Milestone 888 Construction INC.

DATE STARTED: June 9, 2022

REMARKS: COMPLETED MARCH 2023



CONSTRUCTION OF COLLEGE OF MEDICINE LABORATORY BUILDING – PHASE 1, LOT 2 – CARIG CAMPUS

ABC: Php 5,000,000.00

CONTRACT PRICE: Php 4,071,810.74

CONTRACTOR: Milestone 888 Construction INC.

DATE STARTED: June 9, 2022

REMARKS: COMPLETED MARCH 2023



CONSTRUCTION OF 2 STOREY ACADEMIC AND LABORATORY BUILDING PHASE 1 - LAL-LO CAMPUS

ABC: Php 25,000,000.00

CONTRACT PRICE: Php 17,895,761.04

CONTRACTOR: Milestone 888Construction Incorporated

DATE STARTED: March 6, 2023

REMARKS: ON-GOING 35% as of December 31, 2023



CONSTRUCTION OF 2 STOREY ACADEMIC AND LABORATORY BUILDING - LASAM CAMPUS

ABC: Php 32,000,000.00

CONTRACT PRICE: Php 29,598,402.57

CONTRACTOR: Megay Construction

DATE STARTED: June 2, 2019

REMARKS: ON-GOING 90% as of March 5, 2023



COMPLETION AND ANNEX OF INFORMATION TECHNOLOGY COMPLEX - CARIG CAMPUS

ABC: Php 26,500,000.00

CONTRACT PRICE: Php 24,444,551.18

CONTRACTOR: Prime Master Construction and Dev. Corporation

DATE STARTED: May 12, 2020

REMARKS: ON-GOING 80% as of December 31, 2023



CONSTRUCTION OF 4-STOREY ACADEMIC BUILDING – ANDREWS CAMPUS

ABC: Php 30,000,000.00

CONTRACT PRICE: Php 26,486,084.25

CONTRACTOR: Full Blast Trading and Construction

DATE STARTED: June 14, 2021

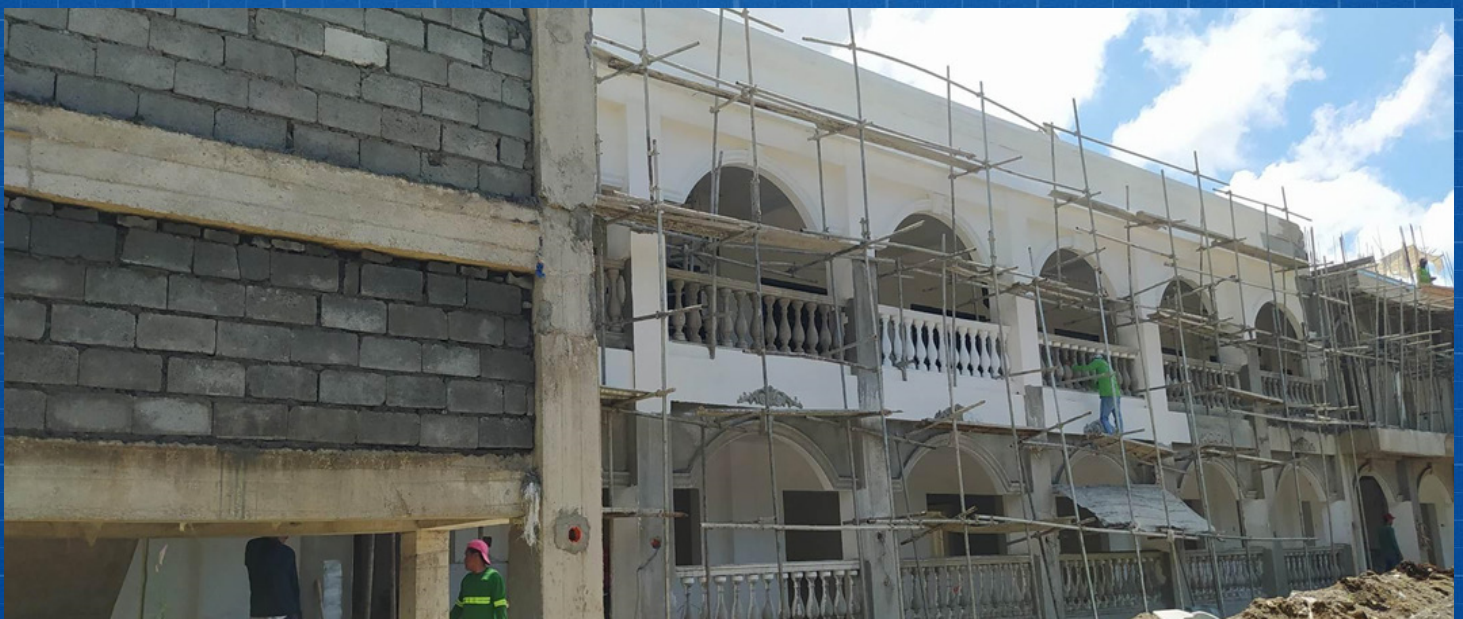
REMARKS: ON-GOING 98% as of December 31, 2023



CONSTRUCTION OF PMO AND TISSUE CULTURE LABORATORY FOR MANGROVE AND BAMBOO RESEARCH AND INNOVATION CENTER – GONZAGA CAMPUS

ABC: Php 32,534,000.00
CONTRACT PRICE: Php 27,263,489.62
CONTRACTOR: R.B. Ombao Construction
DATE STARTED: April 21, 2021
REMARKS: COMPLETED MARCH 5, 2023





GENDER AND DEVELOPMENT



The noteworthy transformation at Cagayan State University through the innovative leadership of Dr. Urdujah G. Alvarado has led to significant milestones toward advocating Gender and Development. Since 2020, the university's GAD Plan and Budget (GPB) has been endorsed consistently by the Philippine Commission on Women. Through the constant determination to strengthen GAD programs, the university, has utilized 5% to 6% of its General Appropriations Act (GAA) as mandated by the Magna Carta of Women.

At the forefront of promoting and advancing gender equality and empowerment in all its operations, CSU is unwaveringly committed to addressing gender issues in instruction, research, and extension areas.

In instruction, the university has incorporated Gender and Development (GAD) into its Instructional Materials (IMs) and syllabi through the development of an evaluation tool or checklist and the conduct of several seminars on integrating Gender and Development (GAD) in IMs and syllabi. This initiative resulted in the integration of GAD in the IMs and syllabi, providing faculty members with the support and resources necessary to effectively integrate a gender perspective into their teaching and other academic-related activities.

The administration has also been continuously committed to its capacity-building efforts among the

internal and external clients of the university. Several batches of seminars and workshops focused on gender sensitivity and gender equality, policies, development of gender-responsive proposals, and the utilization of gender analytical tools have been conducted, which resulted in an increased gender and development awareness in the university and the community. This was mirrored in the development of gender-responsive infrastructure projects and the approval of the proposal for the construction of comfort rooms for LGBTQIA members in the university.

In ensuring the achievement of gender-responsive projects in the university, research and extension proposals are mandated to undergo Harmonized Gender and Development Guidelines evaluation before their implementation. This effort resulted in the transformation of all RDE-funded project proposals to become gender-responsive. As an outcome, three of the research programs of the university which contributed to disaster risk reduction and climate change adaptation and mitigation strengthened the recognition of the University President to be named as one of the Ten Philippine Resilience Women Awardees. These research projects were the "Community Empowerment through Science and Technology, Education, Environment, Protection, and Health (CESTEPPH): A Collaborative Community-based Program for the Conservation, restoration, and Sustainable Utilization of Mangrove Ecosystem in Cagayan", "Establishment, Restoration and Maintenance,





and Protection of Nipa Stands for Bioethanol Production and Climate Change Mitigation”, and “The Bamboo Sanctuary of Northern Luzon: An Integrated Program for Bamboo Research and Development and Extension through EcoTourism”.

All these accomplishments contributed to the achievement of the university to be Level 3 in the Gender Mainstreaming Evaluation Framework (GMEF), a tool in determining the levels of Gender and Development (GAD) mainstreaming developed by the Philippine Commission on Women (PCW). The assessment results revealed that the CSU's strength is the entry point people. This

proves that through its continuous effort, the university has several GAD champions and advocates led by the president.

These breakthroughs in Gender and Development would not be possible without the strong commitment and support of the administration under President Alvarado. These achievements serve as the building blocks to strengthening inclusive and diversified academia, contributing to Sustainable Development Goal 5 of the United Nations, the goal that aims to achieve gender equality and empower all women and girls by 2030.



EDITORIAL BOARD

Publication Director:
URDUJAH G. ALVARADO, Ph.D., CESO II

Editor-in-Chief:
PROF. ANA MARIE C. CAUILAN

Contributing Writers:
DR. MARIDEN V. CAUILAN
DR. JUNEL B. GUZMAN
DR. GIGED T. BATTUNG
DR. THERESA B. DIMALANTA
ENGR. JAMES B. BUSILAN
PROF. KRISTINE JOYCE A. LARA

Layout & Design:
MR. ALDRIN JOHN S. ABAD
MR. JOHN LEWIE J. REYES

Circulation Managers:
MS. KAREN CLAIRE D. SUCUANO
MR. MARK ANGELO M. PERUCHO

CAGAYAN STATE UNIVERSITY
OFFICE OF THE UNIVERSITY PRESIDENT
UNIVERSITY INFORMATION OFFICE
E-mail Address: president@csu.edu.ph
Tel. No.: (078) 844-0430
www.csu.edu.ph





**CAGAYAN STATE
UNIVERSITY**



www.csu.edu.ph