





By: Fr. Ranhilio C. Aquino, Ph.D., JD, JSD

HE OLD BUILDING REDDIED WITH BULLETS WAS REPAIRED

s representative of the Province of Cagayan in the Interim Batasang Pambansa, then Minister (later Senate President) Juan Ponce Enrile drafted the Charter of the Cagayan State University that was signed into law as Presidential Decree No. 1436 by President Ferdinand E. Marcos on June 11, 1978. Except for provisions on the composition, powers and selection of the members of the governing board, the Charter has since remained unchanged.

It certainly was not creation out of nothing. Rather, the Charter consolidated existing post-secondary institutions. converting them into a single legal entity. These were the Cagayan Valley College of Arts and Trades at Tuguegarao, the Northern Luzon State College of Agriculture at Piat, the Aparri Institute of Technology, the Cagayan Valley Agricultural College at Lallo, the Bukig National Agricultural and Technical School in Aparri West, the Sanchez Mira Rural Vocational School, the Western Cagayan School of Arts and Trades at Lasam and the Gonzaga National Agricultural and Technical School. It is this fact that explains the present constellation of campuses of the Cagayan State University: Andrews (Caritan), Piat, Lasam, Lallo, Aparri, Sanchez Mira, and Gonzaga. When the university commenced operations, a site in Carig was developed - to which the Central Administration of the university would later transfer from Caritan. It is the Carig site that has evolved, by Board sufferance, into the Carig Campus, although the Central Administration has since returned to the Andrews Campus at Caritan.

While the university was formed from pre-existing institutions that were mainly agricultural and technical, its Charter, Presidential Decree No. 1436, made it exceedingly clear that it was the intendment of the law that the university was to provide "better service in professional and technical training in the arts, sciences, humanities, and technology and in the conduct of scientific research and technological studies". Without a doubt then and by express legislative mandate, the university was not to be an agricultural, fisheries or technological university although these remain vital and highly crucial concerns of CSU - but a "comprehensive university", a university as that term is understood in the academic world!

The first university officials, headed by Dr. Manuel Corpus from the University of the Philippines, and Dr. Joselito Jara, who did a doctorate in educational philosophy from the University of Maryland as Vice-President for Academic Affairs. The officials of the pre-existing colleges that were consolidated into the university were designated as "Campus Deans" and continued to supervise their respective campuses.

It was a truly enlightened decision of the Board of Regents to authorize the opening of a College of Medicine - the very first in the region, and an agreement with what was then the Cagayan Valley Regional Hospital (now the Cagayan Valley Medical Center) made the latter the training hospital of the College of Medicine. The first dean was a nationally recognized neurologist-psychologist, Dr. Gilberto Gamez of the Faculty of Medicine and Surgery of the University of Santo Tomas.

Soon after, other professional courses followed: Medical Technology, Engineering and Liberal Arts courses. Guided by what the National Economic and Development Authority (NEDA) has identified as priority courses of the Region, the university has always offered degree programs in the "hard sciences" mathematics. physics. chemistry, biology - although, especially in regard to chemistry and physics, these have not been popular programs at all. But CSU now has a competent and highly credible corps of professors in these very disciplines!

Dr. Armando Cortes, then Campus Dean of the Aparri Campus, succeeded Dr. Manuel Corpus as University President. At the time, it was the Bureau of Higher Education under the Department of Education, Culture and Sports, that superintended state universities and colleges. Prof. Monserrat Babaran was the Vice-President for Academic Affairs, and together, President Cortes and Prof. Babaran devised a classification and promotion scheme that would subsequently be adopted as National Compensation а Circular, to morph later into what is now National Budget Circular No. 461.

Fr. Ranhilio Aquino who then just finished his term as Vice-Dean of the Graduate School of the University of Santo Tomas and was Executive Vice-President of the Lyceum of Aparri for several years, was designated Vice-President for Academic Affairs. He supervised the accreditation of different programs of CSU with the Accrediting Agency of Chartered Colleges and Universities of the Philippines and instituted a system for the re-training and "re-tooling" of professors of agriculture and



fisheries who no longer had enough students to teach, and to enable them to teach subjects of their interest. Some programs of the university were awarded Center of Excellence status, others, Center of Development, aside from higher levels of accreditation.

The Board of Regents authorized the operation of a College of Law, offering the degree Bachelor of Laws, the second law school to open in Tuguegarao City - in fact, in Cagayan.

After President Cortes, Dr. Eleuterio de Leon was designated by then Commission on Higher Education (CHED) Chair Esther Garcia as OIC, Office of the President, a position he held for three years. It was then that authority was bestowed on Campus Executive Officers who were tasked to manage their campuses in behalf of the Central Administration.

The College of Medicine earned recognition as the 10th leading school of medicine in the Philippines owing to creditable performance in the licensure examination. It was quite a feat! Quality medical education was available in the province at the astoundingly low cost of hardly over than twenty-five thousand per semester. The Graduate School was recognized and respected. Leaders and executives of higher education institutions in the region trooped to CSU, to earn their advanced degrees. Law flourished as well under the deanship of Attorney Leticia Aquino who upped Bar passing levels and obtained authority from the Legal Education Board to offer the degree Juris Doctor.

Dr. Roger Perez, who had been CHED Executive Director, was appointed as the next University President, and immediately he set himself to work on giving the university a much-needed face-lift. The Andrews Campus was transformed - given new and striking buildings. The Administration Building was built to be reminiscent of the Acropolis and the quadrangle, appropriately called "Athena Quadrangle", the huge fivehundred million peso building, the "Athena Building". Several steps were taken to rationalize campus resources and to improve productivity. President Gloria Macapagal Arroyo graced the inauguration ceremonies of the new buildings, and the descendants of Claude Andrews, who donated the property on which on the original buildings of the university have arisen, were present at the dedication rite. President Perez introduced the Zero-Tuition Fee scheme, and the only fees assessed of students were "fiduciary

fees" - miscellaneous fees applied to specific purposes such as medical and dental services, sports, publications and other ends. It was during the presidency of Dr. Perez that many additional academic programs were offered in the University, to include Bachelor of Science (BS) in Accountancy, BS in Hospitality Industry management, BS in Human kinetics, BS in Information technology, BS in Police Administration, and BS in Criminology. President Perez was assisted by Fr. Ranhilio Aquino, as Vice-President for Academic Affairs, Dr. Perfecto Vivit as Vice-President for Administration and Finance and Dr. Rogelio Matalang as Vice-President for Research and Extension. President Perez served two terms.

After Dr. Perez' term, Dr. Romeo Quilang, who had been president of the Isabela State University, assumed the presidency of the university. It was during this particular administration that efforts were made to revive the links with Accreditation Agency of Chartered Colleges and Universities in the Philippines (AACCUP), and to return the university's program to the accreditation system. The university also submitted itself to ISO certification and was awarded certified status by Intertek. In the interval between the end of Dr. Quilang's tenure and the selection of new university president, Dr. Mariden Ventura Cauilan steered university affairs as OIC, Office of the President.

The presidency then passed to Dr. Urdujah Alvarado Tejada who had long been a member of the Board of Regents of the university. A recognized scientist who had risen to the rank of Assistant Secretary of the Department of Science and Technology, Dr. Tejada was clearly the most qualified candidate - offering the university a cohesive program of development.

Almost immediately, she shepherded the university into serious and systematic planning, training and orientation, strong in the belief that no honestto-goodness development is possible without scientific planning. Significantly, her first activities consisted in putting together a team of qualified and dedicated designated officials of the university, and taking them through seminars on strategic planning and the avoidance of graft and corrupt practices.

This is the third year of President Tejada's term - and we have taken great strides.



VISION Transforming lives by educating for the best.

MISSION

CSU is committed to transform the lives of people and communities through high quality instruction and innovative research, development, production and extension.

CORE VALUES

SOCIAL RESPONSIBILITY



Foreword

n annual report usually makes for drab if not completely boring reading-figures, charts, diagrams, kilometric reports, and a clever combination of fact and fiction!

There are, to be sure, charts and figures, diagrams and pictures (probably the more interesting features) in this annual report. We try to keep to the facts and as distant as possible from the realm of fiction, although some of the real life goings-on in the university's quotidian existence can be as dramatic!

What the otherwise tedious recital of numbers, statistics, and diagrams will tell, however, is the story of how a university endeavors, on a shoe-string budget, to give the best of what its professors and employees, its administrators and service-providers, as well as its government and non-government partners can offer. It is a story of how a university that started as a motley amalgamation of pre-existing state colleges, mostly of agriculture and technology, has wonderfully, miraculously even, morphed into a university that very frequently makes it to national tallies of "topnotchers" in licensure examinations.

Each page is an account of the selflessness members of the faculty and administrative staff who toil and labor well beyond the demands of duty, for whom membership in the family of the university is both professional and personal fulfillment. It is the narrative or fearless and bold leadership that surmounts obstacles and harnesses possibilities and potentials to the full.

It is our own version – CSU's version – of Braveheart.

- FR. RANHILIO CALLANGAN AQUINO, Ph.D., JD, JSD Vice-President for Administration and Finance

PREFACE

e at the Cagayan State University are an ambitious lot – and we will not apologize for that. We are constantly restless: We are not complacent about what we have achieved, and we are eager for what we can still be.

We have therefore set for ourselves ambitious targets: SUC Level V classification, accreditation of our programs by ASEAN UNIVERSITY NETWORK – Quality Assurance, highest levels of accreditation for our academic programs and institutional sustainability.

These are not dreams beyond our reach. Everyday, all the departments of the universities and its campuses endeavor to inch closer to these goals. And it is not about distinctions, nor the glory of recognition. It is about making available to the young of Northern Philippines, particularly Cagayan and the Cagayan Valley Region the blessings of quality education and of an academic system that responds to their aspirations as well as to the needs of the community.

This report featuring the fourfold mandates of the university is therefore about the combined and concerted effort of all. It is also about the generosity and assistance we have received from different government and non-government agencies – partners of the Cagayan State University, and this annual report is a tribute to them all.

The terrain has sometimes been rough and we have had to navigate sometimes turbulent waters – but we are strong-willed, and God is gracious. We will forge ahead, heartened by the fact that more Cagayanos now take pride in the Cagayan State University and its achievements.

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OPTIMU

URDUJAH ALVARADO-TEJADA Ph.D., CESO II University President

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M EDUCANS

Instruction

Mariden Ventura Cauilan, D.P.A.

Vice President for Academic Affairs (VPAA)

Introduction

School Year 2017-2018 was a remarkable year for Cagayan State University. We gained numerous feats that enabled us to feel confident about the kind of instructional services that we deliver to our students.

To name a few, CSU has higher Performance in Licensure Examinations. Remarkably, CSU has registered 125.82% average passing rate over the national passing percentage. Apart from producing licensed graduates in the different academic disciplines, the university also produced National Topnotchers in Medical Technology, Respiratory Therapy, Veterinary Medicine, Teacher Education, Accountancy, Criminology and Engineering.

In line with quality standard and to be at par with other SUC's in the country, the university submitted its programs to AACCUP accreditation which resulted to have 2 programs at Level III, Phase 2 of CTE at Andrews, 3 programs of CBEA with Level 1 and the rest of academic programs in the whole university were first, second and third survey visits. This indemnify that CSU and its programs meet standards for program quality and it is committed to continuous improvement. It further fosters prestige to member institutions, justified by the possession of quality standards and unremitting efforts to maintain those programs at high level.

The university has enhanced curricula as well to ensure that students receive integrated, coherent learning experiences that contribute towards their personal, academic and professional learning and development. Hence, the university has new program offerings with new field of specializations particularly in the College of Industrial Technology which offered Architectural drafting, Automotive, Electronic, Food and Mechanical Technology. In addition, the office of the Vice-President for Academic Affairs in coordination with the Office of the Director of Instruction, conducted various faculty enhancement and capability building programs to provide the faculty members with updated methods and strategies on teaching; to help them produce standardized Outcomes-Based Education syllabi, and to provide them adequate knowledge and understanding on the essentials of module and textbook writing for General Education courses.

Moreover, the university also sent faculty members to national and international trainings, seminars and conferences for their professional growth and advancement. The university also supported the students who joined the regional and national cultural competitions where the participants received various awards that brought pride and honor to the university.

Furthermore, the Office of the Student Development and Welfare conducted various activities such as leadership training, workshops and seminars which aimed to enhance the leadership skills, talents and potentials of the students.

Significantly, the Guidance and Counseling Office also conducted copious activities and extended services to the students such as orientation and growth session, employment counseling seminar, PRC online orientation, job interviews, etc. which helped the students to know their skills, interests and personality.

All the achievements of the university and the academic services were successfully conducted through the utmost support of the administration and through the concerted effort of the different academic offices.

I. PERFORMANCE IN LICENSURE EXAMINATIONS OF CSU ACADEMIC PROGRAMS

Performance in Licensure Examinations with emphasis on percentage of first time takers that passed the examination (64.25%) which exceeded the Physical Target (44.08%) is shown in Table 1 below.

 Table 1: Comparison of Physical Target and Physical Accomplishment on First-Time Licensure Examination Takers,

 Academic Year 2017-2018

Target	Percentage
Physical Target	44.08%
Actual Accomplishment	64.25%

Comparing the performance of Cagayan State University (CSU) with national percentage of passers, the university performed better (64.25%) compared with that of national average of passers (53.25%) as shown in Table 2.

Table 2: Comparison of Percentage Passers of First-Time Licensure Examination Takers with National Average Passing Rate, **Academic Year 2017-2018.**

	Total Takers	Total Passers	Average Passing
CSU	2,741	1,761	64.25%
National	1,571,646	836,849	53.25%
Average Passing % of SUC/National Average Passing			121%

Table 3: Licensure Passing Rate of First-Time Takers, Academic Year 2018

			First Tim		
College	Name of Program	Number of Takers	Number of Passers	CSU Passing Rate	National Passing Rate
CTED	BS in Elementary Education	502	240	47.81	35.75
CIED	BS in Secondary Education	1284	964	75.08	65.29
CAS	BS in Chemistry	16	1	6.25	88.12
CAS	BS in Psychology	95	18	23.25	52.19
CALIC	BS in Medical Technology	102	102	100	75.20
CAHS	BS in Respiratory Therapy	78	78	100	72.69
CBEA	BS in Accountancy	42	32	78.05	23.33
	Doctor in Veterinary Medicine	11	7	70	66.92
CAF	BS in Agriculture	3	2	75	41.99
	BS in Fisheries	31	9	29.03	28.31
CCJE	BS in Criminology	3	2	66.67	33.38
	BS in Chemical Engineering	23	16	60.71	68.77
COL	BS in Civil Engineering	145	87	57.01	52.96
COE	BS in Electrical Engineering	32	31	96.88	71.63
	BS in Electronics Engineering	36	25	78.84	82.38
Med	Doctor in Medicine	44	34	77.27	81.68



CAGAYAN STATE UNIVERSITY TUGUEGARAO CITY, CAGAYAN, PHILIPPINES







NATIONAL TOPNOTCHERS





INSTRUCTION

Table 4 shows the summary of results of Licensure Examination by program for the Academic Year 2017-2018. Takers include both first-time takers and re-takers.

Table 4: Comparison of Percentage Passers of Over-all Licensure Examination Takers with National Passing

	Total Takers	Total Passers	Average Passing
CSU	5,329	2,326	43.65%
National	3,282,172	1,138,592	34.69%
Average Passing % of SUC/National Average Passing			125.82%

Notably, CSU has registered 125.82% average passing rate over the national passing percentage

II. PROGRAM ACCREDITATION STATUS

Table 5: Accredited Programs by Campus for Academic Year 2018 as of November 2018

Campus	#	Program	Level/Accreditation Status	Validity Period of Accredited Status
Andrews	1	Bachelor of Elementary Education	Level III, Phase 2	November 1, 2018-October 31, 2022
	2	Bachelor of Secondary Education	Level III, Phase 2	November 2018-October 2019
	3	BS in Accountancy	Level I Accredited	September 16, 2013- September 15, 2018
	4	BS in Business Administration major in Financial Management	Level I Accredited	September 16, 2013- September 15, 2018
	5	BS in Business Administration major in Marketing Management	Level I Accredited	September 16, 2013- September 15, 2018
	6	Bachelor of Technical-Vocational Teacher Education	Level I Accredited	May 16, 2018-May 15, 2021
	7	BS in Respiratory Therapy	Preliminary survey	July 1, 2018-June 30, 2020
	8	BS in Legal Management	Preliminary survey	July 1, 2018-June 30, 2020
	9	BS in Accounting Information System	Preliminary survey	July 1, 2018-June 30, 2020
Aparri	1	PhD in Education major in Educational Management	Preliminary survey	July 1, 2018-June 30, 2020
	2	MA in Education	Preliminary survey	July 1, 2018-June 30, 2020
	3	MST in Mathematics	Preliminary survey	July 1, 2018-June 30, 2020
Carig	1	BS in Biology	3rd Survey, Phase 1	April 16, 2018-April 15, 2022
	2	BS in Mathematics	3rd Survey, Phase 1	To be revisited not later than April 2019
	3	BS in Psychology	3rd Survey, Phase 1	April 16, 2018-April 15, 2022
	4	BA in Economics	3rd Survey, Phase 1	To be revisited not later than April 2019
	5	Doctor of Veterinary Medicine	2nd Survey	April 16, 2018-April 15, 2022
	6	BS in Chemical Engineering	2nd Survey	April 16, 2018-April 15, 2022
	7	BS in Electronics and Communication Engineering	2nd Survey	April 16, 2018-April 15, 2022
	8	BS in Computer Engineering	2nd Survey	April 16, 2018-April 15, 2022
	9	BA in English	2nd Survey	April 16, 2018-April 15, 2022
	10	BS in Information Technology	2nd Survey	April 16, 2018-April 15, 2022
	11	MA in Psychology	1st Survey	Revisited not later than May 2022
	12	MS in Information Technology	1st Survey	May 16, 2018-May 15, 2021
	13	BS in Physical Education	2nd Survey	May 16, 2018-May 15, 2021
	14	BS in Environmental Science	2nd Survey	To be revisited not later than May 2019
	15	BS in Computer Science	2nd Survey	May 16, 2018-May 15, 2021
	16	BS in Chemistry	3rd Survey, Phase 1	To be revisited not later than May 2019

Campus	#	Program	Level/Accreditation Status	Validity Period of Accredited Status
Lasam	1	Bachelor of Secondary Education	Preliminary survey	July 1, 2018-June 30, 2020
Piat	1	BS in Agriculture	3rd Survey, Phase 1	To be revisited not later than April 2019
	2	MS in Agriculture	Preliminary survey	July 1, 2018-June 30, 2020
	3	Bachelor of Technology and Livelihood Education	Preliminary survey	July 1, 2018-June 30, 2020
Sanchez Mira	1	PhD in Education major in Educational Management	Preliminary survey	July 1, 2018-June 30, 2020
	2	MA in Education	Preliminary survey	July 1, 2018-June 30, 2020
	3	MS in Teaching	Preliminary survey	July 1, 2018-June 30, 2020
	4	Master in Public Administration	Preliminary survey	July 1, 2018-June 30, 2020
	5	MS in Agriculture	Preliminary survey	July 1, 2018-June 30, 2020

III. CURRICULUM

Table 6: New Program Offerings/ New Program Nomenclature Effective School Year 2018 - 2019

Campus	College	Program
Carig	College of Human Kinetics	BS in Exercise and Sports Science major in: - Fitness and Sports Management - Fitness and Sports Coaching
Andrews, Lallo	College of Teacher Education	Bachelor of Early Childhood Education
Andrews, Piat	College of Teacher Education	Bachelor of Technology and Livelihood Education
Andrews, Aparri, Gonzaga, Sanchez Mira	College of Business Entrepreneurship and Accountancy	BS Accounting Information System
	College of Teacher Education	BS in Technical-Vocational Teacher Education
Carig	College of Human Kinetics	Bachelor of Physical Education
Carig	College of Information and Computing Science	Bachelor in Multimedia Arts
Carig	College of Arts and Sciences	AB English Language Studies
Carig	College of Arts and Sciences	AB in Communication
Carig, Piat, Sanchez Mira	College of Engineering	BS in Agricultural and Bio-Systems Engineering
Andrews, Aparri, Gonzaga, Lallo, Sanchez Mira	College of Hospitality Management	BS in Hospitality Management
Andrews	College of Allied Health Sciences	BS in Medical Laboratory Science
Gonzaga, Piat, Sanchez Mira	College of Criminal Justice Education	BS in Criminology

Table 7: Programs with New Field of Specialization Effective School Year 2018-2019

Campus	College	Program
Carig	College of Engineering	Bachelor of Science in Civil Engineering (5) • Transportation Engineering • Construction Engineering • Management Structural Engineering • Geothermal Engineering • Geotechnical Engineering
Carig	College of Industrial Technology	 Bachelor of Science in Industrial Technology (2) Heating, Ventilation and Air-conditioning Technology Fashion and Apparel Technology

CAGAYAN STATE UNIVERSITY

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Carig	College of Industrial Technology	 Architectural Drafting Automotive Technology Electrical Technology Food Technology Mechanical Technology

Table 8: Number of Modernized Facilities along Flagship Programs

Program	Number of Modernized Facilities
BS in Medical Laboratory Science	1
BS in Fisheries	1
Total	2



Medical Technology students during their laboratory activities

Proposed Expansion Plan of Multi-species Hatchery at Aparri Campus

IV. FACULTY AND STAFF DEVELOPMENT

Campus	Baccalaureate Degree	Master's Degree	Doctoral Degree	Total
Andrews	8	123	67	198
Aparri	1	43	35	79
Carig	31	133	33	197
Gonzaga	2	28	19	49
Lasam	0	28	9	37
Lal-lo	1	14	5	20
Piat	8	33	14	55
Sanchez Mira	5	34	25	64
Total	55	436	207	699

Table 9: Educational Attainment of Faculty as of September 8, 2018

Figure 1: Educational Attainment of Regular Faculty



INSTRUCTION

Table 10: Number of Institutional Trainings, Seminars, Workshops and Conferences
Attended by Faculty and Personnel from Academic Year 2016-2018

Level		2018	
	Trainings	Seminars	Conferences
International			4
National	2	10	19
Regional	3	11	2
	13	36	13
Total	18	57	38

Table 11: Number of Faculty Scholars, Academic Year 2018

Program of Study	Number of Faculty
Doctor of Information Technology	3
Doctor of Business Administration	1
Doctor of Mathematics Education	1
Doctor in Hospitality Management	6
PhD in Language Education	2
PhD in Educational Management	9
PhD in Medical Technology	1
Doctor in Animal Science	2
Doctor in Plant Breeding	1
Doctor in Marine Science	1
Doctor in Aquaculture	1
PhD in Criminal Justice	4
Master in Agricultural Science	2
Total	34

Table 12: List of Awards/Recognitions Received by Faculty, Academic Year 2018

Campus	Faculty	Title of Activity, Venue and Date	Title of Award Received	Year
Piat	Babylin Canceran	Los Angeles California, November 18-19, 2018	Best Research Paper	2018
	Michael Uy	Selah Pods, Pasay City, December 3-5, 2018	Best Oral Presentation and Research Paper	2018
Andrews	Dean Julius T. Capili	Aggao Nac Cagayan, June 29, 2018	Dangal ng Lahing Cagayano Award	2018
Andrews	Dean Julius T. Capili	12th PAMET North Luzon Regional Conference, Fontana Hotel, Clarkfield, Pampanga, July 12, 2018	Distinguished Service Award	2018
Andrews	Dean Julius T. Capili	SANDUGO Regional Awarding Ceremonies, Crown Pavillion, July 20, 2018	Special Citation by the DOH-Regional Blood Services Network (Northeastern Luzon Region) for their involvement in Blood Letting Activities	2018

Campus	Faculty	Title of Activity, Venue and Date	Title of Award Received	Year
Andrews	Dean Julius T. Capili	54th PAMET Annual Convention at PICC, Manila	Distinguished Service Award	2018
Aparri	Kathlyn A. Mata	Bataan Research	Best Paper Presenter	2018
Andrews	Krizette Joy Escobar	4th International Conference, Philippine Association for the Study of Culture, History & Religion, July 7, 2018	Best Research paper	2018

V. INSTRUCTIONAL MATERIALS DEVELOPMENT

Table 14: Summary of Instructional Materials from Academic Year 2018

Status	No. of Instructional Materials
Published	4
On-going	465
Proposed	48
Unpublished	81

Table 15: Faculty Writers from Academic Year 2018

College	Faculty Writers
Andrews	29
Aparri	36
Carig	14
Gonzaga	15
Lallo	4
Lasam	3
Piat	34
Sanchez Mira	15
Total	150

VI. CONDUCT OF FACULTY ENHANCEMENT AND CAPABILITY BUILDING PROGRAMS

Table 16: Highlights of faculty enhancement and capability-building programs the university conducted,Academic Year 2018-2019

Activity	Objectives	Date and Venue	Participants	Remarks
Seminar-workshop on Innovative Teaching Strategies, Test	To provide the University Faculty members with updated methods and	May 17, 2018 (First Batch)	University Faculty members	Attended by 97 faculty members
Construction with Table of Specifications and Item Analysis	strategies on teaching and effective and efficient means of assessing students	May 18, 2018 (Second Batch) CSU Andrews campus	First Batch: CSU Andrews CSU Carig Second Batch CSU Aparri CSU Gonzaga CSU Lasam CSU Lallo CSU Piat CSU Sanchez Mira	Overall training evaluation result: 4.40 (Agree)
Seminar-workshop on the New General Education Curriculum	To ensure that all general education faculty members are capacitated and prepared for the implementation of New General Education Curriculum	June 21-22, 2018 CSU Andrews, Athena Building, Andrews campus, Tuguegarao City	University Faculty members	Echo seminar conducted by faculty members who trained in DMMMSU, La Union Nine (9) parallel sessions were conducted Attended by 199 faculty members Overall rating evaluation result: 4.36 (agree)

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Activity	Objectives	Date and Venue	Participants	Remarks
Trainers' Training on the Development of Outcomes-Based Education Syllabi and Instructional Materials	To produce a standardized OBE format, especially in the development of objectives and evaluation methods that will be accepted throughout CSU	Villa Saturnina Beach Resort, Sta. Ana, Cagayan July 29, 2018-August 2, 2018	University Faculty Members	Attended by 30 faculty members, 4 resource speakers, and two (2) US Peace Corps Volunteers
OBE Syllabi Writeshop	To produce a standardized OBE format, especially in the development of objectives and evaluation methods that will be accepted throughout CSU	Andrews campus, Aparri campus, Carig campus and Sanchez Mira campus August 23-24, 2018	University Faculty members	Andrews campus-59 Aparri campus-30 Carig campus-41 Sanchez Mira campus-46
Writeshop on Module Development for General Education Core Courses (Phase 1)	To provide the participants adequate knowledge and understanding on the essentials of writing a module/textbook for General Education courses and create an avenue for faculty members to start preparing and developing modules/textbooks for the new General Education core courses.	CICS Conference Hall, CSU Carig campus, Tuguegarao City October 17-19, 2018	Faculty IM Writers	Attended by 48 faculty members, 3 resource speakers, and three (3) US Peace Corps Volunteers Overall Training Evaluation Result (4.90-Strongly Agree)
Campus Visits	To conduct a meeting with the college deans, department chairs/ coordinators to discuss issues and concerns on the implementation of policies and guidelines, such as on curriculum, internship/ practice teaching/ on-the- job training, insufficient number of regular faculty to teach specialized courses, addressing insufficient laboratory equipment (CHM), issues on conduct of research and issues on infrastructure; conduct meeting with students to get first-hand information on issues that concerns them; and to observe classes.	CSU Sanchez Mira November 7, 2018 CSU Lallo November 9, 2018 CSU Aparri November 13, 2018 CSU Piat November 14, 2018 CSU Gonzaga November 15, 2018 CSU Carig November 22, 2018 CSU Lasam November 23, 2018	The Vice President for Academic Affairs, the University Deans, the Director of Instruction and the University Librarian	CSU Andrews will still be scheduled due to over lapping activities
Module Development Writeshop II	To provide the participants adequate knowledge and understanding on the essentials of writing a module/textbook for General Education courses and create an avenue for faculty members to start preparing and developing modules/textbooks for the new General Education core courses.	CSU Carig AACUP Conference Hall, Carig campus, Tuguegarao City November 21, 2018	Faculty IM Writers	Attended by 50 faculty members, and two (2) US Peace Corps Volunteers as lecturers Overall Training Evaluation Result (4.93-Strongly Agree)

INSTRUCTION

VII. ENROLLMENT AND GRADUATION SUMMARY

Level	2017-2018		2018-2019	
	1ST SEM	2ND SEM	1ST SEM	
ANDREWS	6,397	6,210	5,972	
APARRI	2,814	2,715	2,619	
CARIG	7,210	7,279	7,000	
GONZAGA	1,157	1,085	1,054	
LALLO	1,033	1,019	893	
LASAM	577	571	574	
PIAT	1,659	1,653	1,329	
SANCHEZ MIRA	2,825	2,687	2,191	
Grand Total	23,672	23,219	21,632	

Table 18: Number of Grantees, University-Based, Government-Based, Private-Based Scholarship, and Financial Assistance

Level	2017-2018		2018-2019
	1ST SEM	2ND SEM	1ST SEM
University-Based	973	1,128	357
Government-Based	1,632	1,995	421
Private-Based	115	65	139
Financial Assistance	6,792	6,296	3,800
Grand Total	9,512	9,484	4,719



Table 19: Guidance Services

Services	Performance Indicator	2018		
Services	renormance indicator	Target	Accomplishment	
TESTING (Administration, Scoring and Interpretation)	Number of students who availed of the Testing Service	2,990	11,785	
COUNSELING	Number of students who availed of the Counseling Service	260	782	
INFORMATION (Orientation and Growth Session)	Number of students who availed of the Information Service	3,250	7,818	
INDIVIDUAL INVENTORY (IRF and UPDATED IRF)	Percentage of students with IRF and Updated IRF	100%	100%	
CAREER GUIDANCE (Employment Counseling Seminar, PRC Online Orientation, Job, Initial, Exit, Terminal Interviews)	Number of students who availed of the Career Guidance Service	2,990	12,351	
AUXILIARY (issued CGMC, testing for research purposes, speaking engage- ments (# of participants), other assigned tasks)	Number of students who availed of the Auxiliary Service	1,018	8,956	

Table 20: Socio-Cultural Activities

Corporate Agenda/ Strategies	Performance Indicators	Target No.		Accomplishment				
UNIVERSITY SC AFFAIRS	OCIO-CULTURAL		Campus	In- Campus	Off- Campus	Total		
Cultural Presentations	Number of In-Campus and Off-Campus Presentations	60	Andrews Aparri Carig Gonzaga Lal-lo Lasam Piat Sanchez Mira	21 20 25 15 10 5 6 25	27 11 15 11 3 2 2 12	48 31 40 26 13 7 8 73	Conduct training/ seminar-workshop to enhance the different campus cultural group. Help in establishing campus cultural group. Establish Cultural offices and training centre for the differ- ent Socio Campus Socio-Cultural Affairs.	
			University Soci	o-Cultural pe	erformances	246		
Participation in Cultural competitions	Number of contested events representing Region 2 in the National PASUC	10		11			Centralize budget allocation for the different contested events.	
Awards received in the different competitions participated	Number of contested events won in the Regional and National PASUC	10	Cagayan State University Socio- Cultural Group	Regional 11- RASUC	National 2	Total 13	2018 Regional PASUC declared over-all champion. Funding for Higher competitions.	

CSU CONFERS HONORIS CAUSA TO DR. DAISAKU IKIEDA

INSTRUCTION

r. Daisaku Ikeda of Soka Gakai International. represented by Dr. Edward Tan, Vice General Director and Vice Chairperson- Public Relations of Soka Gakai International Philippines, was conferred the Honorary Degree of Doctor of Humane Letters Honoris Causa by Cagayan State University during the 1st Mid-year Academic Convocation held yesterday, February 7, 2018 at the CSU Andrews Campus.

Dr. Ikeda is the first and only one to be honored in 2018. The conferral of his honorary degree was approved by the University Academic Council and by the Board of Regents. The ceremony took place on February 7, 2018, at Cagayan State University Andrews Gymnasium. The title was conferred due to his contributions to the international sphere.

Daisaku Ikeda is a Buddhist philosopher, peace builder, educator, author and poet. He is the third president of the Soka Gakkai and the founding president of the Soka Gakkai International

(SGI), a community-based Buddhist organization that promotes peace, culture and education centered on respect for the dignity of life. As a nongovernmental organization with formal ties to the United Nations, the SGI also collaborates with other civil society organizations, intergovernmental agencies and faith groups in the fields of nuclear disarmament. human rights education. sustainable development and humanitarian relief.

Ikeda is also the founder of the Soka (value-creation) schools whose system runs from kindergarten through graduate study and includes a university in Tokyo, Japan, and another in California, USA.

Recognized worldwide, he has received Honorary Doctorates from the University of the Philippines (Doctor of Laws) in 1991, Doctor of Humanities from the University of Nairobi in 1992, University of Sydney and Queens College of the City of new York in 2000.



BRUARY







Administration & Finance



Fr. Ranhilio C. Aquino, Ph.D., JD, JSD

Vice President for Administration and Finance (VPAF)

Introduction

Fiscal Discipline is the key-word for the university's financial management. To this end, it has always been necessary to be clear about what the university's targets are, especially in regard to quality assurance and to SUC levelling, as well as efforts at internationalizing our standing.

The constant challenge is the Budget Utilization Rate, not because there is nothing to spend for. In fact, there is so much that we need, but when one has to comply with the innumerable niceties of a closeto-unreasonable law like R.A. 9184 and feel CoA constantly breathing down one's neck, it should not be diffucult to understand why government agencies, offices and instrumentalities that dutifully comply with all provisions of the law move and spend with caution, trepidation and - yes, hesitation!

The university has also received a miserly share from the general fund for capital outlay, this,

notwithstanding the fact that many of the buildings of its campuses date back to the 1950's and the 1940's. This can be so frustrating especially when the university, despite these fiscal and resource restraints, has performed superbly as evidenced by licensure examination results.

Things got even more difficult with the free tuition - free miscellaneous scheme under R.A. 10931 that has made collection of all fees a penal matter. This was preceded by the Free Tuition 2017 scheme that, truthto-tell, was hurriedly prepared but still successfully and fruitfully implemented at our university.

We do not have much. We are not given much. But with the little that we have, we have been able - because of God's graciousness and the creativity and dedication of the members of our university community to work wonders.

STATEMENT OF ALLOTMENTS, OBLIGATIONS, DISBURSEMENTS AND BALANCES

REGULAR AGENCY FUND

					BALANCES		
PARTICULARS (A)	ALLOTMENTS (B)	OBLIGATIONS (C)	DISBURSEMENTS (D)	UNOBLIGATED	UNPAID OBLIGATIONS (C-D)		
	AL		ALLOTMENT (B-C)	DUE & DEMANDABLE / ACCOUNTS PAYABLE	NOT YET DUE AND DEMANDABLE		
PS	545,148,754.00	540,173,823.45	529,822,645.18	4,974,930.55	10,351,178.27		
MOOE	91,596,444.00	90,236,565.98	77,635,778.76	1,359,878.02	12,600,787.22		
со	42,328,000.00	42,052,482.00	24,120,935.84	275,518.00		17,931,546.16	
TOTAL	679,073,198.00	672,462,871.43	631,579,359.78	6,610,326.57	22,951,965.49	17,931,546.16	

*as of December 31, 2018

STATEMENT OF APPROVED BUDGET, UTILIZATION, DISBURSEMENTS AND BALANCES INTERNALLY GENERATED INCOME

				BALANCES				
					UNPAID OB	LIGATIONS (C-D)		
PARTICULARS (A)	ALLOTMENTS (B)	OBLIGATIONS (C)	DISBURSEMENTS (D)	UNUTILIZED BUDGET (B-C)	DUE & DEMANDABLE / ACCOUNTS PAYABLE	NOT YET DUE AND DEMANDABLE		
PS								
MOOE	240,258,358.51	230,481,609.49	215,128,927.30	9,776,749.02		15,352,682.19		
0	134,404,152.74	59,062,842.65	37,238,222.12	75,341,310.09		21,824,620.53		
TOTAL	374,662,511.25	289,544,452.14	252,367,149.42	85,118,059.11		37,177,302.72		

*as of December 31, 2018

ACCOMPLISHMENTS

Processed the appointments and promotions of Faculty Members and non-teaching personnel.

Crafted processes, flow charts and operations manual and held meetings with the administrative officials concerned to brainstorm, discuss, explain and agree with them on process flows, operations and communications flows.

- a. Flowchart for PBB Presentation
- b. Flowchart for Administrative Cases Against Personnel
- c. Flowchart on AOM, NS and ND
- d. Flowchart on Legality of Expenditures
- e. Records Flow
- f. Administrative Delineation of Functions and Authority between University Deans, CEOs and College Deans g. Preparation of PPMP and APP, Phases I and II
- h. Process for Appointments
- i. Flow of Institutional Promotion
- j. Appointment of New Faculty Members
- Administration

Submitted to the Office of the Civil Defense, the Commission on Higher Education, and the Office of the President a preliminary estimate of damage sustained from Super Typhoon Ompong one day after the typhoon, and thereafter submitted a final report of 256 pages to the following offices:

- a. Office of the President
- b. Commission on Higher Education
- c. Office of the Clvil Defense
- d. Department of Public Works and Highways
- e. Department of Budget and Management

in the amount of PhP 183,405,703.00 with the following breakdown:

a. Andrews: PhP 1,939,035.00

- b. Aparri: PhP 22,170,700.00
- c. Carig: PhP 11,822,510.00
- d. Gonzaga: PhP 30, 630,813.00
- e. Lallo: PhP 45,600,000.00
- f. Lasam: PhP 6,071,100.00
- g. Piat : Php 61,970,000.00
- h: Sanchez Mira: Php 13,201,545.00



contractors under Contract of Service in the amount of Php 20,000.00 following Super Typhoon Ompong. Initial estimate of damage: PhP 208,750,000.00.

Released calamity assistance to employees including

Drafted:

- a. Freedom of Information Guidelines b. Data Privacy Guidelines c. Guidelines on Implementation on
 - CHED UNIFAST R.A. 10931























PHP 61,970,000.00

PHP 6,97<u>0,000.00</u>

Research, Development and Extension



Junel B. Guzman, Ph.D.

Vice President for Research, Development and Extension (VPRDE

Introduction

The Research and Development, and Extension Annual Report 2018 is the result of the collaborative effort and year-long implementation of the RDE Agenda by the eight (8) campuses of CSU. It summarizes their actual accomplishments in compliance with the targets indicated in the National Expenditure Program (NEP) SUC Levelling and the CSU Medium Term Development Plan 2017-2022.

Research is one of the mandated functions of a University. It is the creation of knowledge through science and technology and sharing/utilizing that knowledge to contribute to the socio-economic well-being of the people and community. Having met all the targets of research and extension for 2018 means the fulfillment of the university's duty to the people and communities it serves. I would like to acknowledge the dedication of the RDE officials, faculty researchers, extension workers, administrative staff, and most especially our stakeholders and partner organizations who continue to support CSU in the establishment of a culture of excellence in research and extension.

Rest assured that we will continue to expand and improve our programs and services giving more emphasis to the projects aligned to the Harmonized National Research Agenda. We will also continue to be responsive to the needs of the Cagayanos and adapt to the rising challenges of our time.

Lastly, I would like to thank all RDE staff for their 2018 accomplishment as well as their ongoing efforts for the coming year and I look forward to another fruitful year for research and extension.



I. Research & Development Programs/Projects Implemented

In 2018, a total of 376 (on-going and completed) researches were conducted in the University funded from three sources; 42 from External Funds (22 carry over researches and 20 newly implemented research projects), 215 (110 carry over and 105 newly approved) from General Appropriations Act (Fund 101) and 119 (67 carry over and 52 newly approved) researches from Supplemental Budget (Fund 164). Such researches are 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 376 external and institutional researches conducted, there are 100 completed research projects while 278 researches are on-going and will be carried over in 2019. CSU Andrews (132) had the highest number of researches conducted, followed by CSU Carig (55), CSU Gonzaga(39), CSU Aparri and CSU Piat (33), CSU Sanchez Mira (29), CSU Lal-lo (28), and the least is CSU Lasam with 27 researches conducted (Table 1).

		Carry (Over		Total no. of	N	lewly Approv	ed for 2018		Total no. of	
Campus		Institutional			completed		Institu	tional		completed	Grand Total
	External	GAA (Fund 101)	Fund 164	Total	within the year		GAA (Fund 101)	Fund 164	Total	researches within the year	
Andrews		26	12	38	22	2	87	5	94	4	132
Aparri	4	14	4	22	6	2	4	5	11	5	33
Carig	11	21	12	44	9	9		2	11	2	55
Gonzaga		12	2	14	5	1	1	23	25	8	39
Lal-lo	2	15	9	26	5	1	1		2		28
Lasam	1	3	10	14	8			13	13	3	27
Piat	1	15		16	9	5	12		17	1	33
Sanchez Mira	3	4	18	25	9			4	4	4	29
TOTAL	22	110	67	199	73	20	105	36	176	27	376

Table 1. Total number of researches implemented, CY 2018





As to completed & on-going researches conducted in 2018 (carry-over & newly approved), Figure 1 shows that completed researches (both external and institutional) is higher for the Carry-over than the Newly Approved in 2018 for the following campuses: Andrews (22), Sanchez Mira (14), Lasam (11) and the rest are Aparri (9), Carig (9), Gonzaga (9), Piat (9), and Lallo (5) respectively. On the other hand, Gonzaga (8) has the most number of completed researches for the newly approved researches for CY 2018 followed by Aparri (5), Andrews and Sanchez Mira (4), Lasam (3), Carig (2), Piat (1) while Lal-lo has no completed research.



Figure 2 (externally funded researches ,carry-over & newly approved)), shows that CSU Carig (11) has the highest number of carry-over externally funded researches in 2018 followed by CSU Aparri (4), CSU Sanchez Mira (3), and the least are CSU Lal-lo (2), CSU Lasam and Piat (both 1). For newly approved externally funded projects, CSU Carig has the most number of implemented externally funded researches while campuses of Lasam and Sanchez Mira had no externally funded project in 2018. On the other hand, CSU Aparri (2) and CSU Carig (1) are the only campuses with completed externally funded carry over researches in 2018. No newly implemented externally funded project in 2018 was completed.



Figure 3: GAA/Fund 101 researches (carry-over & newly approved) indicates that CSU Andrews (26) has the highest number of GAA/Fund 101 (carry-over in 2018) researches followed by CSU Carig (21), and CSU Lal-lo (15), CSU Piat (15), CSU Aparri (14) and CSU Gonzaga (12), CSU Sanchez Mira (4) and CSU Lasam (3). Moreover, on the number of completed researches within the year, it can be noted that CSU Andrews (10) has the highest completed researches followed by CSU Piat (9), CSU Carig (8), CSU Lal-lo (5), CSU Gonzaga (3) and CSU Sanchez Mira (2), CSU Aparri (2) while CSU Lasam has none at all. On the other hand, as shown in Figure 3, again CSU Andrews got the highest in terms of number of newly approved researches in 2018, followed by CSU Piat, CSU Aparri, CSU Gonzaga and CSU Lal-lo, while CSU Carig, CSU Lasam and CSU Sanchez Mira have no newly approved research for 2018 implementation. For completed newly approved researches, only CSU Andrews (2) and CSU Piat (1) have completed researches.



Figure 4 (carry-over & newly approved researches) under Fund 164 shows that CSU Sanchez Mira has the highest number of researches implemented in 2018 followed by CSU Carig, CSU Andrews, CSU Lasam, CSU Lallo and CSU Aparri, and the least is CSU Gonzaga while CSU Piat has none at all. Moreover, CSU Andrews turned out to be the campus with the highest completed carry-over researches followed by CSU Lasam, CSU Sanchez Mira, while CSU Aparri and CSU Gonzaga have the lowest carry-over completed within the year. Also, Figure 4 shows that CSU Gonzaga has the highest number of Fund 164 researches (newly approved in 2018). On the other hand, CSU Lallo, and Piat have no Fund 164 researches (newly approved in 2018). Finally, it can be observed that CSU Gonzaga has the highest newly approved researches that were completed within the year.

CAGAYAN STATE UNIVERSITY

B. On-going Researches (carry-over for 2019)

Table 2 below shows the number of on-going researches (carry over and newly approved in 2018) to be carried over CY 2019. A total of 276 on-going researches were implemented in 2018 with CSU Andrews (106) having the most number of on-going researches implemented, followed by CSU Carig (44), CSU Gonzaga(26), CSU Piat and CSU Lal-lo(23), CSU Aparri (22), CSU Sanchez Mira and CSU Lasam(16) having the least number of on-going researches conducted.

		Carry Over	for 2018		Newly Approved for 2018				
Campus		Institutional				Institu	tional		Grand
	1.1 External	1.2 GAA (Fund 101)	1.3 Fund 164	Total	1.4 External	1.5 GAA (Fund 101)	1.6 Fund 164	Total	Total
Andrews		16		16	2	85	3	90	106
Aparri	2	12	2	16	2	4		6	22
Carig	10	13	12	35	9			9	44
Gonzaga		9		9	1	1	15	17	26
Lal-lo	2	10	9	21	1	1		2	23
Lasam	1	3	2	6			10	10	16
Piat	1	6		7	5	11		16	23
Sanchez Mira	3	2	11	16					16
TOTAL	19	71	36	126	20	102	28	150	276

Table 2. Number of On-going Researches in 2018



As seen on Figure 5 (On-going Researches for 2019), CSU Andrews has the highest carry over for 2019 and both CSU Lasam and CSU Sanchez Mira have the lowest carry over for 2019. On the other hand, CSU Andrews has the highest newly approved researches in 2018 and CSU Lallo has the lowest newly approved researches in 2018.

C. Completed Researches

There were 106 researches that were completed in 2018, 5 of which were externally funded, 39 were funded from the GAA, and 62 completed researches were funded through Fund 164 (Table 2). These completed researches were also reviewed and evaluated during the 2018 CSU In-house Review (CSU-IHR). CSU-Andrews has the highest completion rate with 27.43 percent while CSU-Aparri has the lowest completion rate with 7.96 percent Table 2).

		Carry (Over		N	TOTAL				
Campus		Institu	tional			Institu	tional		10 IAE	
	External	GAA (Fund 101)	Fund 164	Total	External	GAA (Fund 101)	Fund 164	Total	Number Completed	Percentage Completed
Andrews		10	12	22		2	2	4	26	19.70%
Aparri	2	2	2	6			5	5	11	33.33%
Carig	1		8	9			2	2	11	20%
Gonzaga		3	2	5			8	8	13	33.33%
Lal-lo		5		5					5	17.86%
Lasam			8	8			3	3	11	40.74%
Piat		9		9		1		1	10	30.30%
Sanchez Mira		2	7	9			4	4	13	44.83%
TOTAL	3	39	31	73		3	24	11	100	26.60%

Table 3. Number of completed researches by campus and fund source, CY 2018



Figure 6 (Completed Researches CY 2018) shows that CSU Andrews has the highest count of completed researches. On the other hand, CSU Aparri has the lowest count of completed researches.

D. Review and Evaluation of Research Proposals

All research proposals pass through a review and evaluation process by a panel of evaluators before being approved funded and allocated. Research proposals evaluated in 2018 and submitted for external and institutional funding for 2018 increased as budding researchers from the different campuses became highly motivated and capacitated.

A total of 254 proposals were evaluated and submitted for possible funding from the University and External Funding sources: 210 proposals for institutional funding and 44 proposals for external funding. Table 4 shows the number of proposals by campus.

Campus	3.1 For institutional Fund	3.2 For External Fund	Total
Andrews	37	3	40
Aparri	35	11	46
Carig	23	18	41
Gonzaga	26	1	27
Lal-lo	19	6	25
Lasam	10		10
Piat	11	5	16
Sanchez Mira	49		49
TOTAL	210	44	254

Table 4. Number of Proposals Reviewed in 2018



Figure 7 (Proposals reviewed/evaluated in 2018) shows that CSU Sanchez Mira has the highest proposals reviewed/evaluated in 2018 for institutional funding and CSU Lasam has the lowest proposals reviewed/evaluated in 2018 for institutional funding. On the other hand, for external external, CSU Carig has the highest proposals reviewed/evaluated while both CSU Lasam and CSU Sanchez Mira have no proposals reviewed for external funding.

II. Research Monitoring and Evaluation

R&D In-House Reviews

Field monitoring, campus visits, and meetings were conducted to monitor and evaluate progress of researches. Campus In-House Reviews were also undertaken aside from the Agency (University) R&D In-House Review.

The Cagayan State University Agency R&D In-house Review (AIHR) was conducted on November 5 – 6, 2018 to review and evaluate on-going and completed researches. Panel of Evaluators came from experts of different agencies such as the following:

- Department of Agriculture-RF02
- CSU Retired Faculty Expert and Consultant
- Quirino State University
- Commission on Higher Education, Region 02
- National Economic and Development Authority-R02
- ATI-San Mateo, Isabela

A total of 120 research papers were programmed for presentation (70 for research category and 50 for Development category or extension projects). However, only 89 papers were actually presented and reviewed (54 papers for research category and 35 papers for extension or development category). A total of 31 papers were not presented for the 3 sessions(17 for research category and 14 for extension or development category) as indicated in Tables 5.1 and 5.2.

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Table 5.1 Number of progr	unned for Diesenlation	. Dudels diesenteu und	I IIUL DI ESEILLEU	
		,		

	No. of Pa	apers Pro	esented								
Session I	Session II	Total	Sessi	on III		Grand	Session I	Session II	Session III		No. of Papers Programmed
Completed	Completed	TOLAI	Completed	On-going	Total	Total			(Development	Total	for
(Research	Category)						(Research	Research Category) Category - Extension)			Presentation
6	7	13	2	3	5	18			4	4	22
1	3	4		2	2	6	2	2		4	10
8	3	11		5	5	16	1	2	2	5	21
1	3	4	2	8	10	14		1		1	15
3	-	3		4	4	7	2		5	7	14
1	-	1		3	3	4		1		1	5
1	5	6		1	1	7	2	4	3	9	16
4	7	11	5	5	5	17					17
25	28	53	9	27	36	89	7	10	14	31	120
	Completed (Research 6 1 8 1 3 1 3 1 1 1 4	Session ISession IICompletedCompleted(Research Category)671383133-1-1547	Session I CompletedSession II CompletedTotal(Research Category)(Research Category)13671313483111343-31343-31564711	CompletedCompletedTotalCompleted(Research Category)(Develor Category)(Develor Category)67132134213423-1343-13413423-111156147115	Session I Session II Total Session II Completed Completed Completed On-going (Research Category) $C CDevel-restion 6 7 13 2 3 1 3 4 2 3 1 3 4 2 8 3 11 5 1 3 3 4 2 8 3 11 5 4 2 1 3 4 2 8 3 11 5 3 4 1 - 1 3 4 1 - 1 3 4 1 - 1 3 4 1 5 6 1 1 4 7 11 5 5 25 28 53 9 27 $	Session I Session II Total Session III On-going Completed Completed Completed On-going Total (Research Category) Image: Category Cat	Session ISession IISession IITotalSession IIITotalGrand TotalcompletedCompletedCompletedCompletedOn-goingTotalGrand Total(Research Category) $C_{Category - Extension}$ (Development Category - Extension)518 6 7132351813423516831155161342810143-342810143-1347341-134711561177471155517	Session ISession IISession IITotalSession IIITotalGrand TotalSession ICompletedCompletedCompletedOn-goingTotalTotalGrand TotalResearch (Research(ResearchCCCCCResearchResearch671323518I67132351628311C516113428101443-34281021-13428101443-342342156117247115517225285392736897	Session I CompletedSession II TotalSession II CompletedSession IISession IISession II(Research Category) $C_{Devel Jerrent Category - Extension)C_{Devel Jerrent Category - Extension)T_{T}18T_{T}T_{T}671323518T_{T}T_{T}T_{T}T_{T}671323518T_{T}T_{T}T_{T}T_{T}671323518T_{T}T_{T}T_{T}T_{T}1342810142T_{T}T_{T}T_{T}1342810142T_{T}T_{T}T_{T}T_{T}3-34281014T_{T}T_{T}T_{T}T_{T}T_{T}3-34281014T_{T}T_{T}T_{T}T_{T}T_{T}3-34472T_{T}T_{T}T_{T}T_{T}T_{T}T_{T}47115T_{T}T_{T}T_{T}T_{T}T_{T}T_{T}T_{T}T_{T}4711T_{T}T_{T}T_{T}T_{T}T_{T}T_{T}T_{T}T_{T}5T_{T}T_{T}T_{T}T_{T}T_{T}$	Session II completedTotalSession II completedSession IISession IISession III Session II $completed$ CompletedCompletedOn-goingTotalGrand Total $Completed$ On-going $Completed$ On-going $Completed$ $Completed$ On-going $Completed$ $Completed$ On-going $Completed$ $Complet$	Session II completedPartelSession II completedNormalizationSession IISession IISession IIINormalization <t< td=""></t<>

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ctober 29-30, 2 Idrews Campus Aritan Sur, T

Sector/Commodity		Project /Evaluated	Total		roject not ented	Total	No. of Papers Programmed
	Research Category	Development Category		Research Category	Development Category		for Presentation
Agriculture	4	4	8	1	6	7	15
Fisheries	1		1	1	1	2	3
ICT/industry, Engineering & Energy	11	4	15	1		1	16
Basic Sciences	8		8	4		4	12
Social Sciences	15		15	4		4	19
Education	14	4	18	6	2	8	26
Production		1	1		1	1	2
Product Development		19	19		4	4	23
Climate Change		2	2				2
Agri-fishery		2	2				2
Grand Total	53	36	89	17	14	31	120

Table 5.2. Summary of papers presented /evaluated per thematic area

Awards and Incentives

During the Agency In-house Review, 6 papers were awarded for the first, second, and third best papers on the following categories:

- Research category
- Social Science Research category

The awards were P10,000; P7,500.00, and P5,000.00 for the first, second, and third best paper per category, respectively (Table 5).

Awards Received	Title	Researcher(s)	Campus	Category
1st Best Paper	Postharvest Mechanization and Storage System of Peanut	Jose D. Guzman	Andrews	Research
2nd Best Paper	Development of Herbal Cream Dermatophytic Infection from Selected Medicinal Plants	Ramelo B. Ramirez Jr., Lily Ann C. Mallabo, Jocelyn S. Diesta, Jayca Uy, Jan Mabel De Guzman, Kimberly Mae M. Montenegro, Christelle Mae P. Moreno, Janesa B. Manggurit, Jane R. Sambrana,	Andrews	Research
3rd Best Paper	Diversity of Fishes in Laguna De Cagayan Lake: Pioneer Stud for Status and Conservation Needs	Wilma S. Urmeneta, Ernesto S. Del Rosario Jr.	Aparri	Research
1st Best Paper	Lived Experiences of Teacher Education Faculty Researchers	Jay Emmanuel L. Asuncion, Rudolf T. Vecaldo	Andrews	Social Science

Table 5.2. Summary of papers presented /evaluated per thematic area

Awards Received	Title	Researcher(s)	Campus	Category
2nd Best Paper	Code-Switching in Philippine Literature	Shella D. Dela Cruz	Piat	Social Science
3rd Best Paper	Spoken Discourse Analysis Along Adjacency Pairs in English as Second Language (ESL) Classrooms	Ria A. Tamayo	Andrews	Social Science

Search for Best Undergraduate Thesis

The Cagayan State University Search for Best Undergraduate Theses was conducted on June 1, 2018 to recognize and award undergraduate students with meritorious research work which will pave way for the selection of undergraduate theses that are worth publishing. It also fostered competition among undergraduate student researchers and thesis advisers that eventually encouraged them to undertake more quality research. The panel of Evaluators came from the different agencies such as the following:

- Commission on Higher Education, Region 02
- Department of Agriculture, Region 02
- Bureau of Fisheries and Aquatic Resources, Region 02
- Department of Science and Technology, Region 02
- National Economic Development Authority, Region 02

A total of 41 student theses were reviewed and evaluated, 12 papers for experimental category, 9 papers for technological, and 20 papers for social/socio-economics category, during the said activity (Table 5). During the search, 9 papers were awarded for the first, second and third best papers for experimental, technological, and social/socio-economics categories. The awards were Php7,000.00; Php5,000.00 and Php3,000.00 for the first, second, and third best paper, respectively. Table 5.1. shows the list of winning papers.

	Category			
Campus	Experimental	Technological	Social/Socio- Economics	Total
Andrews	4	1	5	10
Aparri	1	3	1	5
Carig	4	3	4	11
Gonzaga	0	0	3	3
Lal-lo	2	0	4	6
Lasam	0	0	0	0
Piat	1	0	3	4
Sanchez Mira	0	2	0	2
Total	12	9	20	41

Table 6. Number of research papers presented during the Search for Best Undergraduate Thesis,Second Quarter, 2018

Category	Title of the Thesis	Author/s	Campus			
Experimental						
lst Best Paper	Burn Wound Healing Potential Of Janitor Fish (<i>Pterygoplichtyes Paradis</i>) Skin Oil Extracts Ointments	Karla Mae Alasaas, Rachel Anne S. De Salmos, Joereeze C. Tamacay	CSU Carig			
2nd Best Paper	Application Of Moringa Oleifera Extract For Melanosis Prevention in Shrimp, <i>Peneaus</i> Merguiensis	Glenys R. Llanto	CSU Aparri			
3rd Best Paper	Hypoglycemic Effect Of Guyabano (Annona Muratica Linn.) Fresh Peel Aqeous Extract In Glucose-Loaded Sprague Dawley Rats	Jomari B. Caddauan, Rod Joshua C. Tibuc, Mark Joseph U. Lumaoang, Nisan Joanne C. Manauis, Danielle Faye M. Macutay, Marie Chantelle Massalang	CSU Andrews			
Technological						
Ist Best paper	Secured Modernized and Automated Room Technology (SMART)	Krizzha Angel A. Cadang et.al	CSU Carig			
2nd Best Paper	Environmental Impact Assessment of Waterworks Using Life Cycle Analysis	Arren Joyce J. Lannao, Aileen T. Mamauag, Arjanelle A. Sibal, Jether A. Mallilin, Jocelle Vilamor	CSU Carig			
3rd Best Paper	Explore.Discover.Share. (Exdisha): A Knowledge-Sharing Research Portal of Cagayan State University Aparri	Judy Ann Macutay, Rancel Rabor, Shelly Ann Sosa	CSU Aparri			
Socio-economics						
lst Best Paper	Survey on The Bakong Industry In The Municipality of Sta. Teresita	Roselyn A. Javier	CSU Lallo			
2nd Best Paper	Heavy Metals In Candies Sold In Selected Elementary Schools In Tuguegarao City	Mary Elaine Cadiz	CSU Andrews			
3rd Best Paper	A Survey of Ethnoveterinary Plant used as Medicine in Swine in the Municipality of Baggao, Cagayan	Ahlyssa P. Bugaring, ArvyJelle D. Dayag, Junedin Marelle R. Diego, Precious Eve P. Esta, Mark Vincent C. Inocencio, Roschelle Fae E. Lucero, Maria Thalia Barbara U. Pacamalan, Melvene A. Peralta	CSU Carig			

Table 6.1. List of winning papers during the search for best undergraduate thesis, June 1, 2018
III. R & D Output Dissemination

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 of the technology.

A. Research Output Presentations in Conferences/Fora/Symposium

For CY 2018, the R&D Office was able to present a total of 187 research outputs in international, national, and local conferences. A total of 67 papers were presented internationally, 14 papers for national, 9 papers for regional, and 97 papers were presented in local fora.

The campus with the most number of papers presented in international fora is CSU Lallo having 28 paper presentations.

Campus	International	National	Regional	Local	TOTAL
Andrews	8	4	4	31	47
Aparri	8	2	5	19	34
Carig	5	2		17	24
Gonzaga	2			4	6
Lal-lo	28			7	35
Lasam		6		1	7
Piat	3			6	9
Sanchez Mira	13			12	25
Total	67	14	9	97	187

Table 7. Number of research outputs presented by level and by campus, CY 2018





International National Regional Local

For Figure 8 (Research outputs presented in different fora/conferences in 2018), it can be observed that under the International Level, CSU Lallo has the highest research outputs presented in different fora/ conferences and CSU Lasam has the lowest. For the National level, CSU Lasam has the highest research outputs presented in different fora/conferences and the following campuses have the lowest: Gonzaga, Lallo, Piat and Sanchez Mira. For the Regional level, CSU Aparri has the highest research outputs presented in different fora/conferences and the following campuses have the lowest: Carig, Gonzaga, Lallo, Lasam, Piat and Sanchez Mira. Lastly, for the local level, CSU Andrews has the highest research outputs presented in different fora/conferences while CSU Lasam has the lowest.

A. Technology Commercialization /Utilized by Other Beneficiaries

A total of 7 technologies were adopted/transferred/utilized by other beneficiaries from the research outputs to target adopters. These research outputs were continuously commercialized until the end of 2018. CSU Aparri has the highest number of technologies commercialized. Such technologies were included in extension projects.

Campus	No. of Technology(ies)	Technology
Andrews	-	
Aparri	4	Aramang Products Tilapia Production Cabibi Production in Pond Oyster Bagoong Making
Carig	2	Peanut sheller Peanut stripper
Gonzaga	2	Bamboo Catsup Making PinBong Candy
Lal-lo		
Lasam	1	Development of Agricultural Tools
Piat	1	Dairy milk
Sanchez Mira	1	Coco Vinegar Making
TOTAL	11	

Table 9. Technologies adopted/ transferredor utilized by other beneficiaries









B. Publication and Intellectual Property Application

For CY 2018, a total of 83 research outputs were published in international and non-refereed journals and conference proceedings. CSU Andrews has the most number of published researches both in refereed international journals and non-refereed journals and conference proceedings, followed by CSU Sanchez Mira, CSU Carig, and the least is CSU Piat (Table 9).

Campus	Refereed International	CHED accredited	Non-refereed	Total			
Campus	Journal	journals	journal	Number	Percent		
Andrews	17	2	5	24	28.91%		
Aparri	7	1		8	9.64%		
Carig	10	1	1	12	14.46%		
Gonzaga	7	2		9	10.84%		
Lal-lo	5			5	6.03%		
Lasam	8	2		10	12.05%		
Piatv	3			3	3.61%		
Sanchez Mira	11	1		12	14.46%		
Total	68	9	6	83	100%		

Table 9. Number of research outputs published, CY 2018



Figure 9 (Research outputs published in 2018) shows that CSU Andrews has the highest number of papers published in refereed international journals while CSU Piat has the lowest. Also, CSU Andrews still has the highest number of papers published in non-refereed journals and conference proceedings while the following campuses namely: Aparri, Gonzaga, Lal-lo, Lasam, Piat and Sanchez Mira have no papers published.

C. Research Outputs Applied for Deposit /Registration

A total of 90 utility models and copyright registration and deposit applications were made in 2018. These are outputs from researches conducted within the last three years. Of these applications, 50 are copyright registered and 40 are utility models. The highest applications submitted among the campuses is Lallo Campus followed by CSU Sanchez Mira, CSU Carig, CSU Piat, CSU Gonzaga and the least is CSU Andrews. CSU Aparri and CSU Lasam have no application in both utility model and copyright.

Campus	Outputs applied for Utility Model	Outputs applied for copyright	TOTAL
Andrews	3		3
Aparri	3		3
Carig	7	7	14
Gonzaga	10		10
Lal-lo	6	23	29
Lasam			
Piat	11		11
Sanchez Mira		20	20
TOTAL	40	50	90

Table 10. Number of patents, utility models and copyrights registration & deposit/applications, CY 2018



Figure 10. Research outputs applied for Utility model



Figure 10 (Research outputs applied for Utility model & Copyright in 2018) indicates that CSU Piat has the highest outputs applied for utility model while CSU Andrews has the lowest and the campuses don't have outputs applied for utility model i. e. , Lasam and Sanchez Mira. On the other hand, CSU Lallo has the highest outputs applied for copyright followed by CSU Sanchez Mira while CSU Carig has the lowest and the rest of the campuses do not have outputs applied for copyright

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IV. Research & Development Capability Building

In order to 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 hone their capabilities and keep them abreast of the learning curve and draw insights from caliber experts in various disciplines, other areas in research and the like. In 2018, 127 seminar, fora, conferences, trainings, and meetings were attended by R&D researchers in different venues and from varying organizations; 15 of which were international, 39 were national, 26 were regional, and 47 local.

Moreover, a total of 68 seminars, training-workshops, fora, and meetings were conducted in 2018. Most of the seminars, training/workshops, fora, and meeting were conducted by the RDE Office.

Campus	International	National	Regional	Local	TOTAL
RDE Office		20	10	4	34
Andrews	4	10	6	3	23
Aparri	1	3	7	15	26
Carig		2		16	18
Gonzaga					
Lal-lo	1				1
Lasam		1		2	3
Piat	3	3	2	5	13
Sanchez Mira	6		1	2	9
Total	15	39	26	47	127

Table 11. Number of seminars, training, workshops, fora & meetings attended, CY 2018

Table 12. Number of in-house seminars, training, workshops, fora & meetings conducted, CY 2018

Campus	Number of Seminars, training, workshops, fora & meetings conducted				
RDE Office-University wide	31				
Andrews	4				
Aparri	8				
Carig	16				
Gonzaga	1				
Lal-lo					
Lasam					
Piat	6				
Sanchez Mira	2				
Total	68				



technical services aligned with the university's programs, projects, and activities that will help transform the lives of the people in the community especially those in the marginalized sectors.

In 2018, one hundred thirty-six (136) trainings were conducted by the different campuses with a total of 7, 169.5 number of trainees weighted by the length of training. A total of thirty nine (39) technical services were also availed by several clients in coordination with the different campuses to assist them on the proper implementation of projects, record management, agricultural production, and other technical assistance they needed based on their requests.

For the demonstration projects, fifty (50) were already established. Out of the fifty (50) demonstration projects, four (4) were established inside the campus and forty-four (44) were established in the different communities.

Fifty-one (51) adopters have also shown their commitment to adopt the different extension technologies and have already established profitable enterprises.

CSU Extension strengthens its partnership with other collaborating agency in order to successfully implement its programs, projects, and activities that would benefit the target clienteles.

At CSU Andrews Campus, two (2) individual adopters are now gaining additional income through beads crafting. In Aparri campus, Ms. Catalina Go is one of their successful adopters who is venturing on Tilapia Grow-Out. CSU Carig also engages their adopters on bread and pastry and catering services through the Sustainable Livelihood Program in collaboration with the Department of Social Welfare and Development.

The Rural Improvement Club in Gonzaga was encouraged by Gonzaga campus to adopt their technology on pineapple processing and now, they are earning profit from it. A Rural Improvement Club was also formed by Lal-lo Campus to adopt their technology on citronella soap and sanitary products which was established at LGU Lal-lo. The Citronella products of RIC in Lal-lo are now popular in the market since the establishment of their enterprise.

Lasam campus has also encouraged big cacao farmers to adopt their technology on cacao processing. Five (5) adopters have established their own enterprises. In fact, these five (5) adopters are earning higher income.

Piat campus has two (2) adopters who are undeniably earning a very high income through vermi-cast production.

In Sanchez Mira, most of their adopters are engaged in organic vegetable production and coconut processing.

With the continuous support of the administration, the University Extension has successfully implemented its programs, projects and activities thru strong partnership with the collaborating agencies and the sustained efforts and commitment of the extension coordinators in the desire to uplift the economic condition of the people they serve.

Trainings Conducted

Andrews Campus

Program / Project / Activities	Title of Training	No. of Participants & Beneficiaries	Date of Implementation	Venue	Campus/ College Involved	No. of persons trained weighted by length of training	No. of Pax who rated the Trng. as good or better	Quality (% of client who rated the Trng. as good or better)	Timeliness (% of client who rated the Trng. as good or better)
1	Office Productivity Skills Enhancement Training	29	Jan. 24,31, Feb.14, 2018	Naruangan, Tuao, Cagayan		43.50	29	100	100
2	Bead Crafting for the Alternative Learning System and Learners and the Exceptionalities Transition class	31	Feb. 21, 23 & Mar.17, 24, 2018	Sto. Niño School (SPED Center), Sto. Niño, Cag.	CTEd	46.50	31	100	100
3	Food Processing on Mushroom ala "Omelette"	50	Feb. 21, 2018			50.00	50	100	100
4	Mushroom Dinakdakan Version	50	Feb. 28, 2018	Solana North & South District, Solana,	CBEA	50.000	50	100	100
5	Crispylicious Mushroom ala Chicharon	50	Feb. 28, 2018	Cagayan		50.00	50	100	100
6	Health Education Activity in Celebration of Philippine Heart Month	25	Feb. 27, 2018	Centro 4, Tuguegarao City, Cagayan	CAHS	25.00	25	100	100
7	Dishwashing and Fabric Conditioner Making in Support of the Women's Month Celebration	20	Mar. 9, 2018	Centro 4, Tuguegarao City, Cagayan	CAHS	20.00	20	100	100
8	Paper and Stone Craft Making Ext'n. Project Support in Celebration of the National Women's Month	19	Mar. 23, 2018	Andrews Campus	CTEd	19.00	19	100	100
9	Skills Development on "Cookie Project"	18	Mar. 14, 2018	Atulayan Sur, Tug. City	СНІМ	18.00	18	100	100
10	Health Awareness	32	Mar. 17,2018	BJMP, Cataggaman		32.00	32	100	100
11	Baking Ingredients and their Functions	20	Mar. 16, 2018	Atulayan Sur, Tug. City		20.00	20	100	100
12	Baking Tools & Equipments	18	Mar. 14, 2018	Atulayan Sul, Tug. City	CHIM	18.00	18	100	100
13	Health Awareness	68	101a1. 14, 2010	Bagabat, Peñablanca	Crint	68.00	60	88.24	88.24
10		32	April 17, 2018	BJMP Cataggaman		32.00	32	100	100
14	Empanada & malunggay polvoron making	25	April 18, 2018	Gen. Balao, Solana		25.00	25	100	100
15	Skinless longganisa making	25	May 16, 2018	Magalalag East, Enrile	CHIM	25.00	22	100	100
16	Health & nutrition promotion	24	May 18, 2018	Atulayan Sur, Tug. City	CAHS	24.00	24	100	100
17	Nutrition & health promotion for children	21	May 25, 2018	Linao East, Tug. City	CAHS	21.00	21	100	100
18	Nutritious Foods & Diseases on Malnutrition	38	July 28, 2018	Atulayan Sur, Tug. City	CAHS	38.00	38	100	100
19	Inyan Money kang Mani (Manigosyo tera	25	Dec. 17, 2018	Lanna, Magalalag East and West, Enrile, Cag.		25.00	25	100	100
20	Eskwela Musikahan	48	Nov Dec., 2018	Tug. North-East Central Sch.	Andrews	96.00	48	100	100
21	Likhang Kamay	25	Nov.22, Dec.13, 2018	Tagga, Tuguegarao City		31.25	25	100	100



Aparri Campus

Program / Project / Activities	Title of Training	No. of Participants & Beneficiaries	Date of Implementation	Venue	Campus/ College Involved	No. of persons trained weighted by length of training	No. of Pax who rated the Trng. as good or better	Quality (% of client who rated the Trng. as good or better)	Timeliness (% of client who rated the Trng, as good or better)
1	Training - Workshop on the Operation and Utilization of ASAT Website	5	Feb. 19, 2018	ASAT, Maura, Aparri, Cagayan	CICS	5.00	5	100	100
I	Vegie Enriched Shrimp Balls Nutritious Ara- mang - Veggie Okoy	57	Feb. 21, 2018	Toran Barangay Hall	СНІМ	57.00	57	100	100
2	Livelihood Seminar (Aramang & Tilapia Products)	40	Mar. 21 -22, 2018	CSU Aparri	COFMS	50.00	40	100	100
3	Training on Low-cost Mushroom Production	52	April 24, 2018	Southern Cag. Research Center	CTE	52.00	52	100	100
4	Shucking of Oyster	35	May 30, 2018	Minanga Este Brgy.		35.00	35	100	100
5	How to Make Oyster Bagoong	35	May 31, 2018	Hall	COFMS	35.00	35	100	100
6	Aramang product development	45	Sept. 26-27, 2018		RDE	56.25	45	100	100
7	Capacity Building cum Product Development	52	Oct. 4-5, 2018	CSU Aparri	Campus RDE	65.00	52	100	100
8	Lecture - Demo on Aramang Products "Empanada, Polvoron, Doughnut & Lumpia"	98	Oct. 17, 2018	Toran, Aparri, Cagayan	СНМ	98.00	98	100	100
9	Word	14	Nov. 17, 2018		CICS	14.00	14	100	100
10	Excel	14	Nov. 18, 2018	Maura	CICS	14.00	14	100	100
11	BPATS Duties & Functions, Barangay Justice	145	Dec. 11, 2018			145.00	145	100	100
12	R.A. 9165 Comprehensive Dangerous Drug Act of 2002; Investigation Process; Role of First Responder	145	Dec. 12, 2018	Camalaniugan, Cagayan	CCJE	145.00	145	100	100
13	Arresting Techniques; Disarming Technique	145	Dec. 13, 2018			145.00	145	100	100
14	BOSH	40	Dec. 14, 2018		CIT	40.00	40	100	100
15	Training on Vermiculture - Phase 1	30	Dec. 15, 2018		Campus RDE	30.00	30	100	100
16	Automotive	12	Dec. 15, 2018	CSU – Aparri		12.00	12	100	100
17	Electrical	20	Dec. 17, 2018		CIT	20.00	20	100	100
18	Electronics	8	Dec. 18, 2018			8.00	8	100	100

Carig Campus

Program / Project / Activities	Title of Training	No. of Participants & Beneficiaries	Date of Implementation	Venue	Campus/ College Involved	No. of persons trained weighted by length of training	No. of Pax who rated the Trng. as good or better	Quality (% of client who rated the Trng. as good or better)	Timeliness (% of client who rated the Trng. as good or better)
		30	Jan. 24, 2018			30.00	30	30	30
1	Skills Training on Bread and Pastry	30	Jan. 28-Feb.1, 2018	Sto. Niño, Cag.	CIT	60.00	30	30	30
	Office Productivity Tools & Google	118	Feb. 7-8, 2018			147.50	118	118	118
2	Applications Training for Full-Pledged Elem. & Secondary Principals and SDO Personnel	142	Feb. 14-15, 2018	Sta. Ana, Cagayan		177.50	142	142	142
		127	Feb. 21, 2018		CICS	127.00	127	127	127
3	Seminar-Workshop on Cave Landscape Photography	23	Mar. 7-11, 2018	Sta. Teresita, Cagayan		46.00	23	23	23
4	Seminar-Workshop on Basic Accounting and Bookkeeping	50	Mar. 21, 2018	CSU-Carig	CIT	50.00	50	50	50
5	Computer Literacy Enhancement Training	65	Mar. 21-23, 2018		CICS	97.50	65	65	65
		7	April 06, 2018			7.00	7	100	100
6	Skills Training for Technical-Vocational	6	April 13, 2018	CSU-Carig Campus	CIT	6.00	6	100	100
	Courses (Driving Lesson)	6	April 20, 2018		CIT	6.00	6	100	100
		4	April 27, 2018			4.00	4	100	100
7	Pineapple Processing	9	April 30, 2018	Sta. Ana, Cagayan	CSU/FIC	9.00	9	100	100
8	Skills Training for Technical-Vocational	88	May 05, 2018	CSU-Carig Campus	CIT	88.00	88	100	100
	Courses (Driving Lesson)	2	May 11, 2018			2.00	2	100	100
	Peanut Processing	8	May 23, 2018	Lanna, Enrile, Cag.	CSU/FIC	8.00	8	100	100
9		6	May 24, 2018	Enrile, Cagayan		6.00	6	100	100
		20	June 20-21, 2018	Lucban, Abulug, Cag.		25.00	20	100	100
	Dragon fruit processing	60	Sept. 4-5, 2018	Mallig Training Center		75.00	60	100	100
	Peanut processing	15	Sept. 26, 2018	FIC Center		15.00	15	100	100
10	Sugar cane processing	16	Sept. 27, 2018	Sta. Maria Isabela	Carig	16.00	16	100	100
	Citrus Processing	28	Nov.13-14, 2018	Nararagan, Ballesteros		35.00	28	97	97
	Fish Processing (Gourmet Tuyo & Tinapa in Jar)	25	Nov. 15, 2018	Pata, Claveria, Cag.		25.00	25	98	97
	Coconut Processing (Coco Jam, Taho, Vinegar)	12	Nov. 16, 2018	Gattaran, Cagayan		12.00	12	100	100
11	Sustainable Livelihood Prog. for Nail Care/ Cosmetology	10				20.00	10	100	100
12	Sustainable Livelihood Program for Welding	11				22.00	11	100	100
13	Sustainable Livelihood Program for Dressmaking	36	Nov.14-Dec.14, 2018	CSU-CIT Building	Carig	72.00	36	100	100
14	Sustainable Livelihood Prog. for Auto Maintenance & Driving	15	2010			30.00	15	100	100
15	Sustainable Livelihood Program for Electronics	2				4.00	2	100	100
16	Sustainable Livelihood Program for Electrical	1				2.00	1	100	100

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Gonzaga Campus

	Program / Project / Activities	Title of Training	No. of Participants & Beneficiaries	Date of Implementation	Venue	Campus/ College Involved	No. of persons trained weighted by length of training	No. of Pax who rated the Trng. as good or better	Quality (% of client who rated the Trng. as good or better)	Timeliness (% of client who rated the Trng. as good or better)
	1	Seminar-Workshop and Hands-on in Proper Food Prod'n. and Food Service	18	Feb. 14, 2018	Staff House, CSU Gonzaga	СНІМ	18.00	18	94.44	83.33
	2	ICT Literacy Training - ALS East District	32	Feb. 28, 2018	CSU-Gonzaga	CICS	32.00	32	93.75	81.25
	3	Training on Life Competency Process, CESTEEPH Stakeholders Consultation and Planting of Mangrove	92	Mar. 19-23, 2018	CSU & Brgy. Caroan, Gonzaga	CSU	184.00	92	96.19	92.39
	4	Skills Training on Rice Machinery Operation	40	Mar. 26-27, 2018	CSU - Gonzaga	CSU Gonzaga	50.00	40	96.25	87.5
	5	Seminar-Workshop on Katarungang Pambarangay	39	March 28, 2018	CSU Gonzaga	CSU Gonzaga	39.00	39	93.58	82.05
	6	Sem-Workshop on propagation of diff. mangrove species, nursery mgt. sustainable mangrove forest mgt. & aquasilviculture with finanacial & marketing mgt.	74	July 27-29, 2018	CSU Gonzaga	CA	111.00	74	95.95	94.59
	7	Training on asexual & sexual propagation of super mango varieties, nursery establishment and financial mgt. & marketing	130	Aug. 1-3, 2018	Cabiraoan NHS	CSU Gonzaga	195.00	130	97.69	96.15
	8	Sem-workshop on farm business school	60	Sept. 8, 2018	Tapel, Gonzaga	CSU Gonzaga	60.00	60	98.33	95
ſ	9	Module writeshop	25	Sept. 11-13, 2018	CSU Gonzaga	CSU	37.50	25	92	80
	10	Sem-workshop on farm business school	60	Sept. 22-23, 2018	Tapel, Gonzaga	CA	75.00	60	96.67	88.33
	11	Gulayan sa bawat tahanan	30	Sept. 25-26, 2018	Caroan, Gonzaga		37.50	30	100	93.33
		Seminar-Workshop on Farm Business School (Rice and Vegetable	60	Oct. 6, 2018	Tapel, Gonzaga		60.00	60	96.66	91.66
	12		60	Oct. 13, 2018	CSU Gonzaga		60.00	60	100	90
			60	Nov. 3, 2018	Tapel, Gonzaga		60.00	60	95	95
	13	Sem-Workshop on HP Print and Cut Solution	17	Nov. 5-7, 2018	CSU Gonzaga		25.50	17	96	96
	14	Seminar-Workshop on Farm Business School	60	Nov. 10, 2018	Tapel, Gonzaga		60.00	60	96.66	95
	14	(Rice and Vegetable)	60	Nov. 17, 2018	Tapel, Gonzaga	Gonzaga	60.00	60	98.33	93.33
	15	Seminar Workshop on Baking Pastry	30	Nov. 8-9, 2018			37.50	30	100	90
	16	Seminar-Workshop on Starbooks	6	Nov. 22, 2018	CSU Carrent		6.00	6	100	66.66
ſ	17	Sem-Workshop on Farm Business School (Rice	60	Nov. 24, 2018	CSU Gonzaga		60.00	60	100	98.33
	1/	and Vegetable)	18	Dec. 1, 2018			60.00	60	96.66	95
	19	Training on Product Development	54	Dec. 6-7, 2018	Gonzaga		40.00	54	100	98.14
	20	Sem-Workshop on Farm Business School (Rice and Vegetable)	60	Dec. 8, 2018	Tapel, Gonzaga	CA	60.00	60	100	86.33
	21	ICT Literacy Training	25	Dec. 8,15, 22, 2018	CSU Gonzaga	CICS	37.50	25	100	96
	22	Training on Weaving and Baskestry	50	Dec. 17- 21, 2018	Ipil, Gonzaga	Gonzaga	100.00	50	100	96

al-lo Campus

Contraction of the local distance	Program / Project / Activities	Title of Training	No. of Participants & Beneficiaries	Date of Implementation	Venue	Campus/ College Involved	No. of persons trained weighted by length of training	No. of Pax who rated the Trng. as good or better	Quality (% of client who rated the Trng, as good or better)	Timeliness (% of client who rated the Trng. as good or better)	A STATE OF
	1	Adopt a School on Literacy and Numeracy	142	Feb. 1,8,15,22, 2018	Magapit National High-School	CTEd	213.00	142	100	96	
	Ţ	Adopt a school on Literacy and Numeracy	94	March 1, 8, 9, 2018	Magapit Elem. School		141.00	94	100	70	
	2	Training on mushroom production	50	Sept. 19-20, 2018	Sn. Jose, Baggao	CA	62.50	50	100	100	
	3 4	Cacao Nursery Establishment	55	Nov. 22, 2018			55.00	55	100	100	
		Farmcasters Training	30	Nov. 19-21, 2018	CSU Lal-lo		45.00	30	100	100	
	5	Training on Farm Planning	56	Nov. 23, 2018		CSU Lal-lo		56.00	56	100	100
	6	Training on Asexual Propagation	59	Nov. 24, 2018			59.00	59	100	100	
	8	Training on Asexual Propagation	8	Dec. 5, 2018		Lal-lo	8.00	8	100	100	
	9	Training on Micrososft Powerpoint 2013	50	Nov. 24, 2018			50.00	50	100	100	
	10 Training on Microsoft Excel 11 Seminar on Teen-age Pregnancy and Drug- abuse	Training on Misson of Fund	50	Dec. 1, 2018	CSU-Lal-lo, CICS Bldg.		50.00	50	100	100	
		50	Dec. 08, 2018			50.00	50	100	100		
			17	Nov. 24, 2018	Cambong Brangay Hall		17.00	17	100	100	



Program / Project / Activities	Title of Training	No. of Participants & Beneficiaries	Date of Implementation	Venue	Campus/ College Involved	No. of persons trained weighted by length of training	No. of Pax who rated the Trng. as good or better	Quality (% of client who rated the Trng. as good or better)	Timeliness (% of client who rated the Trng. as good or better)
1	RDE Program Planning cum Writeshop	11	Jan. 18-19, 2018	Casilly Lake Resort, Tuao	CA	13.75	11	100	100
2	Basic MS Word 2016	21	Feb. 15-16, 2018	CSU, IT Bldg.	IT	26.25	21	100	100
3	Economic Empowerment of Rural Women in Piat, Cagayan Towards Sustainable Agri-Based Enterprise Development Through Goat Production"	31	Oct. 9, 2018	CSU Love Hall		31.00	31	31	100
4	Seminar-Workshop on Dairy Production	31	Nov. 19, 2018	Brgy. Sta. Barbara Piat		31.00	31	100	100
5	Vegetable Prod'n. and Water Saving technologies for Vegetables	71	Nov. 28, 2018	Brgy. Masical, Sto. Niño	Piat	71.00	71	97	97
		37	Nov. 16, 2018			37.00	37	100	100
6	Skills Enhancement on Self-Defense and Disarming Techniques (4 sessions)	20	Nov. 23, 2018	Piat Academy		20.00	20	100	100
		26	Dec. 7, 2018			26.00	26	100	100
7	Training on Soft-Milk Candy (Pastillas) Making	45	Dec. 17, 2018	Baung, Piat, Cagayan	CTE	45.00	45	400	400
8	Training on Soft-Milk Candy (Pastillas) Making	45	Dec. 21, 2018	Baung, Piat, Cagayan	CTE	45.00	45	97	97

Lasam Campus

Program / Project / Activities	Title of Training	No. of Participants & Beneficiaries	Date of Implementation	Venue	Campus/ College Involved	No. of persons trained weighted by length of training	No. of Pax who rated the Trng. as good or better	Quality (% of client who rated the Trng. as good or better)	Timeliness (% of client who rated the Trng. as good or better)
1	Introduction to the market for Cocoa products	30	Jan. 05, 2018			30.00	30	97	96
2	Basic processes for converting cacao beans into chocolate mass	35	Jan. 9, 2018			35.00	35	96	96
3	Seminar-workshop on how to convert cacao beans into chocolate mass	30	Jan. 10, 2018	Lasam campus	CIT	30.00	30	96	97
4	Processes for converting chocolate mass into fine chocolate	36	Jan. 11, 2018	Lasam campus	CIT	36.00	36	95	96
5	Introduction to marketing principles	30	Jan. 12, 2018			30.00	30	96	96
6	Workshop on roasting cacao beans, cracking and winnowing	30	Jan. 15, 2018			30.00	30	97	97
7	Workshop on Product Development	30	Jan. 16, 2018	FIC (Carig Campus)	FIC	30.00	30	98	98
8	Seminar on Branding and product Packaging	30	Jan. 18, 2018	Lasam Campus CIT		30.00	30	95	96
9	Seminar on how to promote products	30	Jan. 19, 2018			30.00	30	95	95
10	Fermentation and Drying process	30	April 30, 2018			30.00	30	97	98
11	Basic processes for converting cacao beans into chocolate mass	30	May 25, 2018		30.00	30	97	98	
12	Tutorial and distribution of school supplies	20	May 15, 2018	Peru, Lasam		20.00	20	96	97
13	Tutorial and distribution of school supplies	30	June 19, 2018	Cabatacan West, Lasam		30.00	30	97	97
14	Grafting process	20	June 01, 2018	Lasam, Campus	Extn. group	20.00	20	97	97
15	Fermentation process of cacao seeds	30	July 18, 2018	Lasam Campus	CIT	30.00	30	97	98
16	Grafting activity	20	July 26, 2018	Lasam Campus	Extn. group	20.00	20	97	97
17	Basic processes for converting cacao beans into chocolate mass	30	July 30, 2018	Lasam Campus	CIT	30.00	30	97	98
18	Product dev't. on cacao product	30	Aug. 10, 2018	Centro 2, Lasam, Cag.		30.00	30	97	97
19	Grafting activity	25	Aug. 15, 2018	Alannay, Lasam, Cag.	Extn. group	25.00	25	96	97
	Thild	21	Aug. 28, 2018	Peru, Lasam, Cag.	CTEd	21.00	21	96	97
20	Tutorial for Aggays	35	Aug. 31, 2018	Cabatacan, Lasam		35.00	35	97	97
21	Grafting activity	25	Set. 6, 2018	Alannay & Callao Sur	Extn. group	25.00	25	96	96
22	Scion seletion and grafting activity	25	Sept. 26, 2018	Alannay & Callao Sur	Extn. group	25.00	25	96	97
23	Rehabilitation of grafted mangoes	20	Sept. 28, 2018	Alannay & Callao Sur	Extn. group	20.00	20	96	96
24	Cacao Packaging and Labeling	15	Oct. 26, 2018	Lasam Campus		15.00	14	97	98
25	Product Development on Cacao Products	15	Nov. 13, 2018	Lusan campus	Lasam	15.00	14	96	96
26	Tutorial and distribution of school supplies	35	Dec. 1, 2018	Cabatacan W., Lasam		35.00	34	97	96

Sanchez Mira Campus

Program / Project / Activities	Title of Training	No. of Participants & Beneficiaries	Date of Implementation	Venue	Campus/ College Involved	No. of persons trained weighted by length of training	No. of Pax who rated the Trng. as good or better	Quality (% of client who rated the Trng. as good or better)	Timeliness (% of client who rated the Trng. as good or better)
1	Seminar Workshop on Stars and their Location and Position cum Stellar Viewing	50	February 16-17, 2018	Claveria School of Arts and Trades	CTE	62.50	50	100	100
2	Training Workshop on Computer Applications in Agricultural Engineering (GIS mapping and Simulation Modeling)	35	March 7-9, 2018	CSU - SM	CA	52.50	35	100	100
3	Seminar Workshop on Organic Farming Inputs	60	April 27, 2018	CSU - SM	CA, GS	60.00	60	100	100
4	Hands-on Training on Nata de Coco Making	25	May 03, 2018	Lablabig, Claveria		25.00	25	100	100
5	Hands-on Training on Nata Making	24	May 10, 2018	San Vicente, Claveria		24.00	24	100	100
6	Calamansi Wine Making Seminar Workshop	22	May 10, 2018	Namuac, Sanchez Mira	CTE	22.00	22	100	100
7	Panagsursuru ti Panagaramid ti Nata de Coco	25	May 12, 2018	Nagtupacan, Pamplona		25.00	25	100	100
8	Sem-workshop on psycological & developmental reading	35	July 21-23, 2018		GS, CTEd	52.50	35	100	100
9	Sem-workshop on writing research methodology	24	July 28-29, 2018	CSU S. Mira	RDE, GS	30.00	24	100	100
10	2018 International salindunong	121	August 3-5, 2018		CTEd	181.50	121	100	100
11	Skills Training on Native Delicacies	23	Nov. 7-8, 2018	Apayao Child Dev't. Center		28.75	23	100	100
12	Capacity Building cum Product Development	57	Nov. 22-23, 2018	CSU - SM		71.25	57	100	100
13	Trainers' Training for Gender Sensitivity Facilitators	30	Nov. 22-23, 2018	CSU old site Dap-ayan Trng. Center	S. Mira	37.50	30	100	100
14	Gender Sensitivity Training for Faculty & Personnel	77	Dec. 4, 2018	CSU - SM		77.00	77	100	100
15	Nata de Coco Making & Processing	27	Dec. 15, 2018	Bangan, S. Mira		27.00	27	100	100



Campus	Accomplishment
Andrews	21
Aparri	18
Carig	16
Gonzaga	22
Lal-lo	12
Lasam	26
Piat	8
Sanchez Mira	15
Total	138

Figure 1. indicates a total of 138 trainings were conducted by the different campuses.



Campus	Accomplishment
Andrews	777.25
Aparri	1,026.25
Carig	1,224.5
Gonzaga	1,565.5
Lal-lo	806.5
Lasam	737
Piat	346
Sanchez Mira	776.5
Total	7, 259.5

Figure 2. shows a total of 7, 259.5 were computed from the number of trainees weighted by the length of training.



Campus	Accomplishment
Andrews	No entry
Aparri	3
Carig	6
Gonzaga	No entry
Lal-lo	2
Lasam	4
Piat	No entry
Sanchez Mira	24
Total	39

Figure 3. A total of 39 technical/advisory services were provided to several clienteles of the different campuses. Most of the technical services provided were requested through phone call, and formal communication letter request while some of the clients preferred to seek for technical service personally (walk-in).



Campus	Accomplishment
Andrews	No entry
Aparri	7
Carig	3
Gonzaga	18
Lal-lo	No entry
Lasam	5
Piat	2
Sanchez Mira	15
Total	50

Figure 4. A total of 50 demonstration areas were established by the different campus (in-campus and off-campus).

List of Demonstration Areas and Enterprises with Net Income and ROI for 2018

Name	Title of Demonstration Area/Enterprise	Net Income	ROI
CSU Aparri In-Campus Demonstration Area	Tilapia Grow-Out	29,089	15%
CSU Aparri In-Campus Demonstration Area	Tilapia Brood Stock	16, 151	4%
CSU Aparri In-Campus Demonstration Area	Clam Production	115,000	30%
Catalina Go	Tilapia Grow-Out	37, 400	88%
Marlo Vagay	Tilapia Grow-Out	15,000	5%
Joseph Sy	Mushroom Production	5, 235	39%

List of Adopters with Profitable Enterprises

Name	Title of Demonstration Area/Enterprise	Net Income	ROI
Teresita Rapada	Rapada's Premium Munamon Patis	150,000	90%
Aetas of Bagsang, Sta. Clara, Gonzaga	Rattan and Bamboo Handicraft	60,000	40.5%
Ignacio, Pascua	Vermi-cast Production	89, 440	571.14%
Hermogenes Dingil	Vermi-cast Production	143, 550.00	505.46%
Wilfredo Dingayan	Dingayan's Cacao Farm	68, 500	5.96%
Noli Garcia	Garcia's Cacao Farm	110,000	2.75%
Palusao, Sto. Niño Women's Association	Bread and Pastry	66,000	30%
LGU Lal-lo	Pasalubong Center of LGU-Lal-lo (Citronela Based Products)	125, 241.00	87.14%



Campus	Accomplishment
Andrews	2
Aparri	9
Carig	3
Gonzaga	7
Lal-lo	8
Lasam	4
Piat	2
Sanchez Mira	16
Total	51

Figure 5. A total of 51 adopters of various technologies developed by the different campuses.

Downloaded Budget to Campuses for the Implementation of Extension Projects in 2018

Campus	Downloaded Budget	Campus	Downloaded Budget
Lal-lo	350,000.00	Gonzaga	300,000.00
Total: 350),000.00		314,970.00
			131,000.00
			113,740.00
Campus	Downloaded Budget		300,000.00
Lasam	200,000.00	Total: 1,04	\$5,970.00
Total: 200),000.00		
		Campus	Downloaded Budget
Campus	Downloaded Budget	Sanchez Mira	300,000.00
Piat	200,000.00		42,500.00
Total: 200),000.00	Total: 34	2,500.00
	Campus	Downloaded Budget	
	Andrews	100,000.00	
	Total: 10	00,000.00	
	Total: 2,3	52,210.00	
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PROGRAM/PROJECT TITLE	PROPONENTS	CAMPUS	AMOUNT			
Pera sa Pagpipinya: Establishment of Pineapple Research, Technology Demonstration and Production cum Laboratory Farm	Jayrome Butay, Dr. Claribel A. Gaspar, Dr. Herbert Imatong, Dr. Calixto A. Alicay, Mr. Marvin Baloloy	Gonzaga	300, 000.00			
Bringing Science to Countryside (DOST Week)		Gonzaga	314, 970.00			
Promoting Integrated Home Gardens for Increasing Household Income and Conserving the Environment		Gonzaga	131,000.00			
GAD Training		Sanchez Mira	300, 000.00			
Launching of Unified Agricultural Technology Center and 3G Training on Organic Farm Inputs		Sanchez Mira	42, 500.00			
Collaborative and Participatory Cacao Production and Processing Program	Bernard P. Madarang, MAED Gilbert C. Magulod Jr., Ph.D. Dolores C. Quebral, Ph.D.	Lasam	200, 000. 00			
Pioneering Dairy Business Hub in Cagayan: The CSU Piat Initiative in Developing Dairy Market Chain	Ju-Mark R. Pagaduan Macluven T. Gonzales	Piat	200,000.00			
"PANGIVVE (panguffun ta kasittolem)"	Celiaflor R. Ferrer	Andrews	100,000.00			
Livelihood Enhancement among Households in the three (3) Barangays of Lal-lo, Cagayan	Althea A. Manuel, Ronald A. Espada, Cherry J. Udaundo, Nenette T. Columna, Gilberto B. Zinampan Jr., Cherry S. Wanya, Mark Gregory V. Asejo, Raquel C. Casco, Crisalyn T. Pascual	Lal-lo	350, 000. 00			
Training on Basket Weaving		Gonzaga	113, 740.00			
Pilot Project on Integrated Crop-Livestock Farm Enterprise for Sustainable Livelihood of CSU Gonzaga Service Communities	Dr. Froilan A. Pacris	Gonzaga	300, 000.00			
Total: 2,352,210.00						

Program/Project/Training with Downloaded Budget

Extension Program on Agri-Fishery and National Development (ExPAND) Projects

(Funds were downloaded to the campuses in July 2018)

PROGRAM/PROJECT TITLE	MUNICIPALITY	CAMPUS	Source of Fund	Budget Downloaded
I. Agri-Neur: Dalan ti Pagrang-ayan (Integrated Agricultural Program for Livelihood and Sustainable Enterprise Development) 1.1. SaGoat sa Kahirapan: Sustainable Goat Production in Upland Areas of Alcala 1.2. Mannalon Ag-Ti-Ti-Pun (Mannalon Agi- innadal, Tinnulung, Timpuyog, Para Umunlad ang Nayon 1.3. Gulayan ni Jena para sa Masa: A Seed Sustainable Project on Lowland Vegetable Production in Solana 1.4. Bridging the Gap: Climate Smart Farmer's Field School on Sustainable Vegetable Production using Good Agricultural Practices for Small-Scale Farmers of Tuguegarao City	Alcala Amulung Solana Tuguegarao City	Carig Carig Andrews Andrews	ATI ATI ATI ATI	- 650, 000 - 650, 000
II. Community Empowerment towards Sustainable Agri-Based Enterprise Development in Wester Towns (Sto. Niño and Piat) of Cagayan 2.1. Economic Empowerment of Rural Women in Piat, Cagayan towards Sustainable Agri-based Enterprise Development through Goat Production 2.2. Bukal ng Buhay: A Sustainable Water Access for Farming and Household Consumption towards Agri-preneurship in Brgy. Masical, Sto. Niño, Cagayan	Piat Sto. Niño	Piat Piat	ATI ATI	- 650, 000

PROGRAM/PROJECT TITLE	MUNICIPALITY	CAMPUS	Source of Fund	Budget Downloaded
III. Promotion, Adoption and Commercialization of Organically Grown Products through Learning Sites				
and Farm Tourism in Northeastern Cagayan 3.1. Pick, Catch and Pay: Establishment of Farm	Sta. Teresita	Gonzaga	ATI	
Tourism Site in the Municipality of Sta. Teresita 3.2. Bahay Kubo Magiging Bongga-Lo: Promoting Healthy and Satisfactory Lifestyle through Organic Vegetable Production for Community Adoption and	Gonzaga	Gonzaga	ATI	975,000
Commercialization in Gonzaga 3.3. Unlad Magsasaka: A Diversified Farming System in the Municipality of Sta. Ana	Sta. Ana	Gonzaga	ATI	
IV. Agri-Fishery Technologies Adoption and Commercialization			A.T.I	
4. 1. Bahay Kaalaman ni Juan sa Pamayanan 4.2. Integrated Vegetable Production/Mushroom Culture and Vermi-Composting	Aparri Camalaniugan	Aparri Aparri	ATI ATI	650,000
4.3. Paaralang Pambarangay	Lal-lo	CSU Lal-lo	ATI	325,000
V. Sustainable Management of Agricultural Resources and Technologies through Extension Roundup (SMARTER)				
5.1. Oh My Gulay! Organic Vegetable Production 5.2. Gulayan ni Maria sa Isla: A Farm Site at	Sanchez Mira Claveria	Sanchez Mira Sanchez Mira	ATI ATI	
Claveria, Cagayan 5.3. Kokorokok, Intok! A Sustainable Poultry -based Farming System	Sta. Praxedes	Sanchez Mira	ATI	1.3 M
5.4. MASA Project: Establishment of Sustainable Agri-Fisheries Project	Pamplona	Sanchez Mira	ATI	
Total: 5,200,000.00				

Externally Funded Projects/Financial Assistance in 2018

CAMPUS	PROJECT TITLE	FUNDING AGENCY	BUDGET
Aparri	Shared Service Facility	DTI	2, 905, 000.00
	Farm Business School on Vegetables and Pigmented Rice	CHED-NAFES	1,000,000.00
	CESTEEPH	DOST, Good Fellow Pharma Corporation	1, 200, 000.00
	Mango Propagation of Superior Variety	CHED-NAFES	550, 000.00
	Four Wheeled tractor(26 heads native pig breeders)		2, 800, 000.00
	Solar Powered Small Scale Irrigation Project	DA	600,000.00
Lasam	Financial Assistance for the Aggays	Dr. Jerry Jurado Cares Foundation	50, 000.00
Carig	Organic Vegetables in Schools and Communities towards Food Safety in Cagayan Province	DA	1, 500, 000.00

Total: 10,605,000.00



Campus	Number of Linkages/Partnership	
Andrews	3	
Aparri	16	
Carig	7	
Gonzaga	8	
Lal-lo	5	
Lasam	8	
Piat	9	
Sanchez Mira	10	
Total	66	



CESTEEPH Milestones

(Community Empowerment through Science, Technology, Education, Environmental Protection and Health)





Partnership and Resource Mobilization



Vice President for Partnership and Resource Mobilization (VPPRM)

Introduction

For the past years until now, our University is pushed by various motivational factors which put itself in its constant state as a venerable institution. It has kept faith to its vision of educating for the best and had geometrically produced good manifestations for its existence for more than four decades now. The sense of optimism and hopefulness of the administration towards better governance becomes an endearing force of the present times for greater inspiration to reach our goals.

One remarkable leap that we are engaged in is our initiative on the call for "Internationalization of Philippine Higher Educations". Our partnerships and engagements with industries, agencies, and institutions inevitably form part in our efforts to advance the interests of the many, particularly our stakeholders. The Office of the Vice-President for Partnership and Resource Mobilization (OVP-PRM) is maintaining its link with the Canadian Executive Service Organization (CESO) and US Peace Corps. Their roles as service providers alongside the development of our mandates in instruction, research, extension and production, through mentoring, coaching, trainings/workshops, information exchange and exposure to opportunities to access to regional and international markets, pose great positive effects in our quests. Among others, like Public-Private Partnerships, more engagements are in the pipeline and are offering future promising events and endeavors.

With the strong and competent workforce and abundant land resources to capitalize on, our University has its own comparative advantage for national and global reach and brand positioning for its chief objective of achieving institutional development.

The strong collaboration and convergence between and among all units provide what we have succeeded for 2018. May we continue a closer and harmonious relationship with each other, believing on the principle of synergy that the "whole is greater than the sum of its parts".



Cagayan State University is in its unrelenting and persevering efforts to expand its services and budge for greater performance. One of the departments that aligns to this cause with the three other being Academic Affairs, Administration and Finance and Research Development and Extension is the Office of Partnership and Resource Mobilization (PRM).

PRM Office was yielded from the program initiative conceived by the CSU Board of Regents with Dr. Urdujah A. Tejada as University President in November 2016, e.g. commissioning the expertise of the External Performance Management Review (EPMR) Committee. The office was then created on April 28, 2017 to assist the University in its ultimate goal of attaining fiscal growth by pursuing programs, projects and activities in partnership and in collaboration with other government agencies, State Universities and Colleges (SUCs), Local Government Units (LGUs), private academic institutions, business enterprises/industries, and all other types of organizations both local and international.

Partnership and Resource Mobilization has three divisions: Business and Resource Mobilization (BRM), Domestic and International Partnership (DIP) and the Alumni Relations and Placement Services (ARPS).

Business and Resource Mobilization (BRM) concerns itself with optimizing productivity and resource utilization among the eight (8) campuses of the University. Anchored on the banner and niche programs of the campuses are its schemes and initiatives to increase the number of Income Generating Project (IGP) linkages and establishment of viable enterprises. Its ultimate goal is to fashion self-reliant, dependable and bountiful campuses, adding coffers to the University for its growth and development. Notably, the university had reached an Internally Generated Income of P431,678,124.01 for the year 2018.

Domestic and International Partnerships (DIP) Office functions as the University's arm in forging partnerships with organizations. Some of the groundbreaking feats the department labored aside from local industries include partnerships with the Canadian Executive Service Organization and Peace Corps for technical, professional, academic and financial support. Again, the University capitalizes on the banner/niche programs of campuses as bases for entering into agreement with agencies or organizations. These are the following: (1) Agriculture for Food Security & Poverty Alleviation on Food crops, High value crops, Livestock & Poultry, Organic Agriculture, Indigenous & tropical fruits, Industrial crops and Honeybee; (2) Aquaculture and Marine Technologies; (3) Environment, Climate Change and Disaster Risk Reduction Management; (4) Health & Nutrition; (5) Industry, Energy & Emerging Technologies; (6) Socio – Economics & Entrepreneurship; (7) Governance; and, (8) Alternative Learning Modalities and Technologies.

The University Alumni Relations and Placement Services (ARPS) Office is envisioned as a career network of accomplished graduates of Cagayan State University and globally competitive partners and industries. Its mission is to build mutual relationship with local and international partner institutions/agencies and to prepare students and graduates for rewarding careers. Guided by the values of partnership, development, involvement, philanthropy and service, ARPS commits to deliver the projects and activities that follow in full support to the fulfillment of the University's mission and goals.

ARPS is in its continuous efforts to carry out its mission, with its counterparts and partner agencies. For the past years, the Alumni Association had started programs, projects and activities that need to be sustained.

Admittedly, the PRM Office faced some encounters and contests, but with the upkeep of the Administration, it had successfully realized and survived all its undertakings. What it needs is to generate, engender, yield and give more from what it is expected. With the vast track of its land resources, a strong, dynamic and highly competent workforce, a very promising institution with various potential partners locally and globally, PRM remains to deliver.

BUSINESS AND RESOURCE MOBILIZATION



Cagayan State University is composed of 8 campuses that are strategically located around the Cagayan Province. It has a vast land area totaling to 2784.416 hectares that is used for academic, and research, development and extension purposes. It is also utilized for income generating projects.



Adding up to its land resources is its comparative advantage having the eight campuses located strategically all over the Province of Cagayan. Undeniably, the institution is accessible to any entrepreneurial activities making each one in the system motivated to form part of all its undertakings. The Administration at the same time is up to optimizing the spirit of synergy in all its component parts, with a realization that the sum of the parts is greater than the sum of the whole.

The differently situated campuses are focusing on varied niches and banner programs, adopting distinctive strategies, clinging to some exceptional beliefs and values, which end to one goal: development of Cagayan State University.



Our land and its present uses

ANDREWS

PRESENT USE/S	AREA (HECTARES)
1. School Campus - buildings and commercial facilities	3.3386

CARIG

PRESENT USE/S	AREA (HECTARES)
1. School Campus - buildings and facilities	2.196834
2. Roads	1.4358
3. Commercial facilities	7.0
TOTAL	10.632634

LAL-LO			
PRESENT USE/S	AREA (HECTARES)		
1. School Campus - buildings and facilities	20		
2. Coconut Plantation project / cattle production project	20		
3. Carabeef project/Ranch	15 (estimate)		
4. Old NGP project	20		
5. CSU-DBP National greening program project.(Mango plantation)	5		
6. New NGP project planted with coconut, coffee and cacao in alternate.	326		
7. Corn Production/Vegetable production area	5.5		
8. Corn production area (cambong site)	6.5		
9. Goat and Sheep Ranch	4		
10. Crop Production Area (Valena site)	17		
11. Coconut Plantation	11.5		
12. Coffee Plantation	5		
13. Corn Production areas at barangay Paranum under the control of illegal settlers.	70 (estimate)		
14. Second growth forest areas	600 (estimate)		
15. Areas occupied by illegal settlers	276 (estimate)		
TOTAL	1401.50		

APARRI

PRESENT USE/S	AREA (HECTARES)
 Aquaculture undertakings Instruction and production purposes 	4.8
2. Rice Production	8.3
3. School Campus - buildings and facilities	1.677486++
4. Commercial facilities	6.0
TOTAL	20.77486++

GONZAGA

PRESENT USE/S	AREA (HECTARES)
1. School Campus - buildings and commercial facilities	10.0
2. Agricutural	5.0
3. Small ruminants	1.5
4. Strawberry/ Greenhouse	5.0
5. Dragonfruit Plantation	1.0
6. Oval/ground	1.0
7. Forest Reserve	504
TOTAL	522.5

	A REAL PROPERTY AND A REAL
PRESENT USE/S	AREA (HECTARES)
1. School Campus - buildings and commercial facilities	.3094
2. Playground	1
3. Dorm Garden	.16
4. Dragon Cactus Garden	.08
5. Banana Farm	.15
6. NSTP Garden	.10
7. Others - Gmelina, Mahogany and other trees plantation - Creek	2.02
TOTAL	3.8194

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PRESENT USE/S	AREA (HECTARES)
1. Cattle Ranch	150
2. School Campus - buildings and facilities	61
3. Coconut Plantation	8
4. Livestock Ranch (Carabao) and Man-Made Forest	119.5
5. Integrated Farm Project (Organic/Vegetables/Upland Rice/Poultry)	22
6. PCC (Field Office and Pas- ture Area)	234
7. Nature Farm	18
8. Rice Field	25
9. Corn	22
10. BLISS Site	5
11. Municipal Market	1.5
12. Piat National High School	5
13. Slaughter House	1
TOTAL	672

PIAT

SANCHEZ MIRA

PRESENT USE/S	AREA (HECTARES)
1. School Campus - buildings and facilities	6.95
2. Rice Field	3
3. Coconut Plantation	5
4. Tropical Fruit Plantation	1
5. Pineapple Plantation	0.5
6. Coffee Plantation	0.5
7. Eco- tourism and Forest Land for Palmira Agro-Tourism and Nature Park	88
8. Graze Land	0.5
9. Farmers Training Center	288 (square meters)
TOTAL	105.4788

BUSINESS & RESOURCE MOBILIZATION



CSU Andrews, the seat of the university governance is located in the heart of Tuguegarao City. Formerly known as CSU Caritan, this campus is where the University President holds office and where the different central administrative offices in instruction, research and extension and production are located.

It prides itself in its outstanding performance in the board examinations for medical technologists, respiratory therapists, lawyers, certified public accountants and licensed teachers. Now with 53 programs accredited and visited by the Accrediting Agency of Chartered Colleges and Universities in the Philippines (AACCUP) and an ISO 9001: 2008 Certified, CSU Andrews houses the Graduate School, College of Law, College of Hospitality Management, College of Teacher Education, College of Business and Entrepreneurship Administration and College of Allied Health Sciences.

The second largest campus in terms of student population and faculty and personnel, this campus is the former Cagayan Trade School (CTS) and the Cagayan Valley College of Arts and Trades (CVCAT), which today, has transformed into a dynamic and globally competent campus offering the most subscribed academic programs to local and international students.

NAME OF BUILDING	NO. OF STOREYS	UTILIZATION IN %
1. ADMINISTRATION BUILDING	2	100
2. ANDREWS GYMNASIUM	1	95
3. (4) FOUR STOREY BUILDING	4	100
4. AUDITORIUM	1	100
5. (2) TWO STOREY CAHS & LAW BUILDING	2	100
6. (2) TWO STOREY CBEA BUILDING (OLD)	2	100
7. (5) FIVE STOREY CBEA/ CHIM BUILDING	5	97
8. OLD CHM BUILDING	1	100
9. OLD CTED BUILDING (CVCAT)	1	50
10. OLD GRADUATE SCHOOL	1	100
11. GSO/ ROTC BUILDING	1	100
12. LIBRARY	1	100
13. STUDENT CENTER	1	100
14. STUDENT SERVICE BUILDING	2	100
15. CSU HOSTEL	2	100
16. (2) TWO STOREY RESEARCH LAB BLDG.	2	100
17. CHM BUILDING w/ HOSTEL	4	100

Present Use/s of Land:

BUSINESS & RESOURCE MOBILIZATION



The Cagayan State University – Aparri is found in the municipality of Aparri, which is at the Northern Part of Cagayan along the coast where the Cagayan River and the Babuyan Channel meet. CSU – Aparri Campus, which occupies 42.2116 hectares, is situated at Barangay Maura, two kilometers eastern part of the poblacion. This institution started as a Secondary School of Fisheries under the direct administrative supervision of the Commissioner of the Philippines Fisheries Commission, Department of Environment and Natural Resources, with an authorized appropriation of P50,000.00 which was provided in the Republic Act 685 that was enacted by the congress of the Philippines on May 9, 1952.

A plan was formulated to establish the Aparri School of Fisheries by which local officials made proper representation to authorities to put up the school. Now, the campus has seven colleges namely: College of Business, Entrepreneurship and Accountancy; College of Criminal Justice Administration; College of Fisheries and Marine Science; College of Hospitality Industry Management; College of Industrial Technology; College of Computing Sciences; and College of Teacher Education. This campus has grown quite enormously because of the zero tuition scheme and tremendous infrastructure development.

1. Fish Production – During pond preparation, only five (5) regular employees are involved in draining, and cleaning of the pond dikes and excavating to deepen and eradicate pests and diseases present in the bottom of the pond.

2. Rice Production – A total land area of 8.3 hectares is being utilized with Mr. Rey Alilam as Project In-charge, supervising six (6) tenants who use their own farming practices. The income generated is based on sharing scheme of 80%-20% (Tenant: CSUA). Cash sale is directly received and deposited under Fund 161. Credit sale to faculty and staff of CSUA is on Salary Deduction basis.

3. Fish Processing/Food Service – Food processing is focused on the utilization of various aquamarine resources made into products such as spicy dilis, seaweed candy, spicy bagoong alamang and various dried fish products. This is managed by one (1) regular employee, Mrs. Rizalina Consina who is at the same time in-charge of marketing the products. For the period covered, limited products were made due to the insufficient supply of raw materials.

Last September 16, 2018, Super Typhoon Ompong visited Aparri that caused wide devastation of resources, included therein is the complete dilapidation of the roof of the business center. Thus, the operation of the business center is completely suspended up to the present.

4. Uniform – Procurement is based on Bids and Awards, following the usual procedure R.A 9184. Sale to students' uniforms were made available at the Business Center. Students pay the amount they order at the Cashier's Office. Issuance of the uniform is only made possible upon the presentation of the official receipt. Project In-charge is Mrs. Josephine Advincula.

5. Rentals – The use of facilities, and all other rentals like the use of AVR-Main Hall, Gymplex, Lovehall including chairs, are all paid at the Cashier's office under Fund 161.

Clients	Fish Prod. Old site	Fish prod. New site	Rice Prod.	Food Proc./ Food Service	Uniforms	Canteen Services	Rentals Housing	Rentals Facilities
Students	-	-	-	5%	100%	70%	20%	
Faculty	-	25%	25%	25%	-	10%	40%	
Staff	60%	60%	75%	25%	-	10%	30%	
Community	30%	5%		30%	-	5%	10%	100%
CSU-A(Activities)	10%	10%		15%	-	5%		
Total	100%	100%	100%	100%	100%	100%	100%	100%

Table 1. Extent of Business Resources Utilization



Figure 1: Extent of Business Resources Utilization

As shown in Table 1 and Figure 1, the highest percentage of consumption for rice and fish was with the faculty and staff of CSU-Aparri while the uniform merchandise was 100% patronized by the students. The canteen services were highly patronized by the students and only few of the faculty and staff availed of them. The community seldom availed of them for they are only allowed to enter the Campus on official matters. For processed products, it was noted that the highest percentage of the consumption was taken by the community, followed by the faculty, staff, and during CSU activities respectively. CSU-Aparri activities bring contribution to the consumption of processed food, especially when there are invitations to participate in product displays or exhibits. Rentals for housing facilities were taken mostly by the CSU-Aparri faculty and staff followed by the students and community respectively. Rentals of other facilities were dominantly availed by the community for the conduct of various events.



Cagayan State University – Carig Campus is located on a 19.8-hectare land area that is situated at Carig Sur, Tuguegarao City. It houses seven (7) colleges offering 24 undergraduate programs in the arts, agriculture, natural sciences, and technology. These programs are continually improving by undergoing series of accreditation and quality control- a proof that CSU-Carig stands firm to its vision of transforming the lives of Cagayanos and the Filipinos at large by educating for the best. To date, CSU-Carig remains to be progressive in responding to national and international standards. It has several breakthroughs to infrastructure development and will continue to build more state-of-the-art laboratories and classrooms to equip students of the necessary competencies needed to compete in the national and global arena. In fact, CSU-Carig has five (5) research centers for science and technology, public administration, and sport and wellness. The presence of these research centers shall significantly provide practical and meaningful learning experiences to the students.

Below is the breakdown of the 19.8 hectares land area and its present economic uses:

PRESENT USE/USES	AREA (HECTARES)	LAND CLASSIFICATION	LOCATION/USES/REMARKS
School Campus	2.33 ha	Flat Terrain	It is in this area of the campus where the different buildings are located. This Includes the following:
			Administration Building
			College of Arts and Sciences Building A & B
			College of Public Administration building C $\&$ D
			Campus Library
			Campus Dormitories
			College of Medicine New Building
			College of Medicine Old Building
			College of Industrial Technology Building A, B & C
			College of Technology Workshop Building
			College of Engineering Building A & B
			College of Engineering student center
			College of Computing and Sciences Building
			Campus Food Court
			Campus Oval
			Technology Complex Building
			New Guardhouse
			CENADCO Building
			DOST /FIC Building
			Campus Gymnasium
			College of Human Kinetics Building
			College of Veterinary Medicine Building
			College of Veterinary Medicine - Animal Facility Building
			College of Veterinary Medicine - Two Storey Building

PRESENT USE/USES	AREA (HECTARES)	LAND CLASSIFICATION	LOCATION/USES/REMARKS
Oval Grounds	2.575 ha	Flat Terrain	Located at the western part of the Land Property
Service roads	1.4358 ha	Flat and Rolling Terrain	Main and secondary road network within
Smart Agriculture/ Vertical Agriculture (Proposal)	0.8931 ha	Flat Terrain	For agricultural crops and fruit bearing trees production.
For future buildings and facility use	12.4896 ha	Flat and Rolling Terrain	For other proposed project and Facilities

INCOME GENERATING PROJECTS OF THE CAMPUS:

1. Instruction – The merchandising items below are sold at the Business Office of the Campus.

a. School Uniforms b. PE (Jogging Pants and T-shirt) c. NSTP (T-shirt) d. Textile (for ladies) e. ID Strap f. College T-shirts g. Laboratory Gowns h. Logo patch i. Books j. CSU Planner

2. Facilities – The campus allowed different agencies/organizations to rent the different facilities of the school. The fee depends on the type of facility and the number of days. This is with the exception of the space rental for business stalls which is on a monthly basis.

- a. Gymnasium Rental
- b. Sports Venue Rental (Oval, basketball courts, etc.)
- c. Space for Business Stalls Rental
- d. Hall Rentals (NSTP, CICS)

3. Others – The Appliances, Furniture and ICT Equipment Loan (AFIEL) project is offered to regular employees of the campus which they can avail thru salary deduction. The suppliers are Cagayan Appliance Center, Tuguegarao Branch and Addessa Corporation, Tuguegarao branch.





CSU at Gonzaga is one of the eight (8) campuses of the Cagayan State University situated in Flourishing, Gonzaga, Cagayan which is located at the northeastern part of Cagayan. It lies at the foot of Mt. Tabungao in a 30.8- hectare land area, which was donated by civic-spirited citizens of the town. The campus maintains a 2,000-hectare mountain reserve at Calayan, Gonzaga, Cagayan and a 504-hectare mountain reserve at Calayan.

The school was then the first secondary school in the municipality. It was opened in the school year 1947-1948 and was named Gonzaga Junior High School. In 1953, the name of the school was changed to Gonzaga High School. Cognizant of the great need for agricultural education in 1960, the curriculum was converted into Secondary Agriculture Curriculum for Boys and the Secondary Agricultural Homemaking for Girls.

In 1962, the name of the school was converted to Gonzaga National Rural High School and then Gonzaga National and Vocational School. In 1975, the school started offering a two-year Post-Secondary Associate in Agricultural Technology (AAT) and a two-year Agricultural Technician Curriculum (ATC). With this, the name of the school was changed to Gonzaga National Agricultural and Technological School.

On June 11, 1978 President Ferdinand E. Marcos through the representation of Defense Minister Juan Ponce Enrile signed the Presidential Decree transferring the college level to the Cagayan State University. The College of Agriculture is the pioneer college in the Cagayan State University at Gonzaga. In the school year 1975-1976, the school started offering a two-year Post-Secondary Associate in Agricultural Technology (AAT) major in Agronomy and two-year Agricultural Technician Curriculum (ATC) with Mr. Ernesto Concepcion as the designated Chairman. Considering the need of Cagayan Valley for agriculturists and agriculture teachers, Bachelor of Science in Agriculture (BSA) major in Agronomy and Bachelor of Science in Agricultural Education were offered in 1978. Due to the growing need for agriculturists, Crop Science and Animal Science were offered as additional majors in Agriculture and Agricultural Education; then in 1997, Agroforestry was added as a major. At present, the college maintains two major areas: Animal Science and Crop Science.

CSU at Gonzaga continues to perform its four-fold functions of Instruction, Extension, Research, and Production. Since its birth in 1947, the school is actively participating in nation-building and a leader in countryside development.

- 1. Income Generating Projects
 - a. Pineapple RDE cum Production
 - b. Organic Vegetables Production
 - c. Strawberry, Grapes and School Nursery
 - d. Dragon Fruit Production
 - e. Livestock Project
 - f. Rice Production
 - g. Merchandise
 - h. Rentals
 - i. Bamboo RDE cum Production
 - j. Kitchenware loan
- 2. The following are the trees found within the campus:
 - a. Tamarind
 - b. Rambutan
 - c. Mango
 - d. Bamboo
 - e. Calamansi/Citrus
 - f. Cotton Fruit
 - g. Java Plum
 - h. Coconut

- 3. The following are the plants and crops planted within the campus:
 - a. Rice
 - b. Strawberry
 - c. Dragon fruit
 - d. Turmeric
 - e. Pineapple
 - f. Camote
 - g. Pechay
 - h. Tomatoes
 - i. String Beans
 - j. Eggplant
- 4. The campus has this following animals:
 - a. Sheep
 - b. Goat
 - c. High breed and native swine
 - d. Free range chicken
- 5. Bodies of water
 - a. Pond
 - b. Kinali this serves as an irrigation system of the campus to its farm. The water comes from the Wangag River.

BUSINESS & RESOURCE MOBILIZATION



The Cagayan State University at Lal-lo Campus is situated at Lal-lo, Cagayan (formerly known as Nueva Segovia) particularly in Barangay Sta. Maria Lal-lo. Lal-lo was one of the first four cities in the Philippines (other: Manila, 1571; Cebu, 1565; Naga, 1575). It was named Nueva Segovia by Juan Pablo Carreon in 1581. It was also visited by Juan Salcedo in 1572 and Luis Perez Dasmariñas in 1592. Because of its favorable location and navigable river, it was chosen as the capital of Cagayan Valley. It was also the seat of the Diocese created by Pope Clement VIII on August 15, 1595 till the seat was transferred to Vigan, Ilocos Sur in 1575. Nueva Segovia was the capital of Cagayan up to 1839 until the provincial government was moved to Tuguegarao.

Famous among the landmarks in Lal-lo are the Magapit Suspension Bridge (first in Southeast Asia), Sto. Domingo Church and the shell maidens.

Cagayan State University at Lal-lo campus is about 2.7 kilometers from the National Maharlika Highway from Barangay Sta. Maria Junction. It occupies about 1,401 hectares from its original area of 1,727 hectares (CVAC Profiles, 1976). The school campus, which is the hub of activities, occupies an area of 20 hectares. The rest of the reservation is utilized for income generating activities, which include the following: coconut plantation, mango plantation carabao ranch, swine project, goat and sheep project, corn production, vegetable production, and forest tree plantation.

CSU at Lal-lo was originally the Cagayan Valley National Agricultural School, which was created in 1955 by RA 1038 and Presidential proclamation 239. It once provided secondary curriculum to both boys and girls.

It was elevated into a college, the Cagayan Valley Agricultural College under the defunct Bureau of Vocational Education on June 16, 1962 under RA 3474 through the sponsorship of former Congressman Tito N. Dupaya. It offered two- year Technical Agriculture (Agricultural Technician) course, Bachelor of Science in Agriculture (BSA), and Bachelor of Science in Agricultural Education (BSAE). In 1967, it sent out its first batch of graduates. The Bachelor of Science in Home Technology and Bachelor of Science in Agricultural Education added to the list of course offerings during the same year.

In 1978, the college department of the Cagayan Valley Agricultural College was integrated to Cagayan State University by virtue of Presidential Decree 1436. Its first Campus Administrator was Mr. Francisco S. Zamora, who was then the Superintendent of CVAC. Through a presidential approval on March 17, 1985, the secondary department of CVAC, which was then administered by Mr. Ernesto M. Esteban, was absorbed or integrated into CSU system.

In 1993 CSU at Lal-lo was a recipient of the Philippine- Australia Agricultural Technology Education (AGRITECH) program under the auspices of the Australian Government through the Australian Assistance for International Development (AusAID). It resulted to the offering of the ladderized agriculture program called the Diploma of Agricultural Technology- Bachelor of Agricultural Technology (DAT-BAT).

The recent project of the campus is the CSU-DENR National Greening Project designed to reforest open areas in the reservation of CSU at Lal-lo covering 326 hectares with the planting of commodity crops, namely: coconut, coffee and cacao trees. However actual area planted is only more than 250 hectares with about 85 percent survival rate as per report submitted by DENR.

Since then, CSU Lal-lo has offered new programs which include Bachelor of Science in Elementary Education, Bachelor of Secondary Education, Bachelor of Arts in Political Science, Diploma of Agricultural Technology, Bachelor of Agricultural Technology, College of Information and Computing Sciences, and Bachelor of Science in Hospitality Industry Management.

Below is the breakdown CSU at Lal-Io land areas and its economic uses:

Total land area left for CSU		1,401 hectares
Total area given to Valena farmer claimants under the Social Laboratory project between CSU and DAR	-	176 hectares
Total land area slashed for Tropical Philippines Wood Ind. Inc. (TPWII) under the Marcos regime per proclamation no.	-	150 hectares
Original land area per proclamation 239 in 1955	-	1,727 hectares

Total land area left for CSU

Below is the breakdown of the 1,401 hectares left for CSU and its present economic uses:

PRESENT USE/ USES	AREA (HECTARES)	LAND CLASSIFICATION	LOCATION/USES/REMARKS
School Campus	20 hectares	Flat	The hub of school activities, it is here where the different buildings of the school are erected. It includes the College of Agriculture, College of Teacher Education, College of Hospitality Management, College of Information Technology, College of Arts which is soon to be phased out, library, gymnasium, dormitories, faculty and staff cottages and the just recently constructed boys' dormitory and CHM laboratory. It is also here where the Native and hybrid swine as well as poultry projects are located.
Coconut Plantation Project/Cattle Production Project	20 hectares	Flat and rolling	Located at the south-western part of the school campus. Trees are already 4 decades old but still productive. It has around 1,700 standing trees but only around 1,400 are productive. It needs to be replaced with new trees. At present, it is here where the 10 heads of cattle just recently acquired from D.A. are placed to graze.
Carabeef project/ Ranch	15 hectares(estimate)	Flat and rolling with Rockies soil	Located at the north western portion of the campus. An animal shed is constructed within the area with a holding pen and a chute. At present the area is used as a grazing area for the carabeef stocks of the campus consisting of 25 heads upgraded Bulgarian buffalo. The grazing area needs to be improved as it was already overgrown by second growth trees.
Old NGP project	20 hectares	Flat and Rolling	Located at the north western part of the carabeef ranch. It was planted with mango and coffee seedlings 4 years ago. Coffee trees are already around 4-5 feet in height and about to bear fruit. However, the planted mango seedlings cannot grow due to partial shading from second growth trees as they are planted in strips. The strips of planted coffee and mango needs to be cleaned as they are overgrown by second growth trees and climbing weeds.
CSU-DBP National Greening Program Project (Mango plantation)	5 hectares	Flat and rolling	Located at the northern portion of the national road entering the school campus. It occupies an original area of 150 hectares and is distributed to different farmer beneficiaries that are occupying land areas of CSU. However, the actual planted area under the control of CSU is only around 5 hectares. The area was planted with mango 10 years ago. At present, it has only 100 remaining mango fruit bearing trees. Majority of the trees were uprooted by the previous super typhoon Lawin followed by super typhoon Ompong that hit the province last October 2018. At present, plowing and clearing is on-going in between the remaining trees for the planting of a short maturing crops(mung-bean) to fully utilize the area and to drive away private cattle owners in using it as a grazing area of their animals particularly cattle and carabao.

New NGP project planted with coconut, coffee and cacao in alternate.	326 hectares	Flat/Rolling	Scattered within the areas of CSU under the control of the administration, and illegal settlers. Actual area planted is more than 250 hectares. Cacao and coffee planted are almost already 3-4 feet in height. Survival rate as per reported by DENR personnel is 85%. However, the rate as perceived by CSU personnel who are in-charge of the project is lower. Coffee trees were heavily damaged by uprooted trees as well as falling tree trunk by the recent super typhoon Ompong. The strips needs urgent clearing and cleaning to save remaining trees alive.
Corn Production/ Vegetable Production Area	5.5 hectares	Flat/Rolling with silt and Sandy Loam Soil	Located at the north and southwestern part of the road entering the campus. At present, the area is planted with corn (4.5 hectares). The remaining 1 hectare was reserved for the banana research of the campus in which 1/3 hectare was already planted with the commodity. The area was proposed to be the site for new school buildings to be erected as it is only around 600 meter away from the national highway.
Corn Production Area (Cambong Site)	6.5 hectares	Flat with sandy loam soil	Located at the northern portion of the school campus. At present, the area was planted with 3 hectares of yellow corn) 3 and ³ / ₄ hectares of cassava. Corn planted are already 3 weeks old, the rest are planted with glutinous corn and assorted vegetable (bush bean and okra) by 4th year BAT micro-project students The area is ideal for vegetable production if it will be provided with good source of water (deep well).
Goat and Sheep Ranch	4 hectares	Flat	Located at the northern portion of the school campus adjacent to the piggery building. It occupies an area of around 4 hectares that is planted with different forage grasses.
Crop Production Area (Valena site)	17 hectares	Flat	Located at valena site. The area was the source of rice and corn during the CVAC days but due to limited manpower of the campus and the damaged of the dam 15 years ago, it was not utilized for years and served as grazing area for carabao and cattle of the nearby barangay. Five hectares of the area was once a lowland rice production area of the campus as it is adjacent to the Valena dam. If the dam will be repaired, it will be an ideal area for irrigated lowland rice production and a good source of income for the campus. At present, the area was planted with 8 hectares of hybrid corn that includes the 1 hectare planted by the Alumni Association of CSU Lal-lo, and another 1 hectare was planted with mungbean. Corn plants are already 2 weeks old and is expected to be harvested at the end of March 2019. At present, Land preparation (plowing and harrowing) is still undergoing to fully maximize the use of the land.
Coconut Plantation	11.5 hectares	Flat/sloping with silt loam soil	Located at valena site 500 meters east of the school campus. It has around 200 hills of fruit bearing coconut trees planted 30-40 years ago. Fruits are usually stolen by people in the nearby community as it is not guarded due to lack of manpower and due to its distance to the school campus. The area needs to be replanted as the trees are already old and about to be unproductive.
Coffee Plantation	5 hectares	Rolling and rockies	Located at the eastern part of the school campus or western portion of Valena site. Coffee trees are still productive but needs to be rehabilitated (cleaned and pruned) as they are already overgrown by second growth trees. If it will be rehabilitated, it will be a good source of additional income for the campus.
Corn Production areas at barangay Paranum under the control of illegal settlers	70 hectares(estimate)	Flat/ rolling	Located at the northern portion of the school near barangay Paranum and Dalaya. The areas are being cleared and developed by illegal settlers from Barangay Paranum and Dalaya. They usually plant the area with corn during the dry season but not much during the wet season of due to erratic weather condition. Once the relocation survey will be finished by DENR and land title for CSU land areas will be released, ejection for the illegal settlers would likely be easier. If it will be taken back, it would be an additional source of income for the campus.

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Lal-lo

Second growth forest areas	600 hectares (estimate)	Rolling with rockies soil	Located at the northern portion of the campus adjacent to barangay Paranum and Dalaya. Some of these are occupied by illegal settlers. Different species of trees can be found in these areas. Usually, these are the sources of lumber needs for all construction and repair activities of the campus. Timber growing in these areas are usually stolen by illegal carabao loggers as it is not guarded due to lack of manpower, particularly of security guards.
Areas occupied by illegal settlers	276 hectares(estimate)	Flat and rolling and some are rockies	Located at the north, east, and southern portion of the school campus. These are being occupied by illegal settlers. On its southern part along national road going to Sta. Ana, occupants have already built concrete houses making it hard for the school to eject them. The rest of the areas occupied by them are being planted with corn, bananas and fruit trees. Some also are being used as grazing areas for their animals.

INCOME GENERATING PROJECTS



The following are the different income generating projects of the school. These projects also serve as instructional units of the campus for its agriculture program (BSA and DAT/BAT)

Carabeef Project – It occupies an area of approximately 15 hectares. Inventory of stocks as of November 30, 2018 includes 25 heads consisting of the following: 10 Caracow heads, 5 Caraheifer, 3 carabull, 2 draft native carabao, 1Bulgarian breeder, and 4 caracalf heads.

Cattle Project (Meat type) located at the coconut plantation of the school adjacent to the school campus just before the campus gate. Stocks were taken from the department of Agriculture consisting of 10 heifer Brahman breeds. The stocks are already ready for breeding

Sheep/Goat Project (4 hectares improved pasture) – Inventory for goat as of November 2018 includes 12 heads (1 buck, 5 doe, 4 kid doe, 2 kid buck) for the sheep project, there are 36 heads in the inventory as of November 2018. This consists of the following: 1 Ram, 20 ewe, 7 weaner ewe, 2 lamb ewe and 6 lamb ram.

Piggery Project (hybrid) – 10 heads of stocks acquired from PILMICO feeds company in Pangasinan consisting of 9 heads of gilt and 1 boar. 5 are newly bred and 4 are expected to give birth on March 2019.

Native Pig Project Free Range Type (2 hectares formerly a research project) stocks now totaling to 62 heads which include 25 heads acquired from DA consisting of sows, gilt, boar, grower, weaners, and suckling.

Poultry Project - (Turkey, Guinea Fowl and Muscovy Duck) 3 heads of turkey, 24 heads of guinea fowl and 18 heads of ducks.

Mango Production Project – around 5 hectares with 100 remaining fruit bearing trees as of November 2018. Most of the trees were damaged/uprooted by the previous typhoon Lawin and Super typhoon Ompong that hit the province in October 2018. Trees were heavily damaged by strong winds which almost removed their trunks and branches. Spraying of these remaining trees is scheduled in February 2019.

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Coconut Project – situated at the southwestern part of the school campus with an approximate area of 11.5 hectares. Trees are around 1,400 in number and is still bearing fruit but needs to be replaced as the trees are already old. Another 11 hectares is located at Valena site with around 200 hills remaining. However, due to its farness from the school campus, and lack of manpower, fruits are usually stolen by outsiders or illegal settlers residing in the community adjacent to the plantation.

Crop Production Project – located at DBP, Cambong and Valena site. Area planted as of December 12, 2018 for hybrid corn is estimated to be 15 hectares. Land preparation is still on-going. Area planted is expected to increase more as the business office is intensifying its corn production project. As of December 12, 2018, the vegetable production project of the campus is being developed. The business office had already planted 1 hectare area with mung-bean which is expected to be harvested on the 1st week of March 2019. Land preparation such as plowing and harrowing, is still undergoing using the campus' 4-wheeled Kubota tractor to fully utilize all available areas for possible production.

Rice Production Project - 1 hectare is located at the school campus and another ³/₄ hectare is located adjacent to the carabeef project. At present, the area is not yet land prepared as there is no abundant rain water as these are rain-fed. Planting of these areas this season is already too late and risky as we are already on the on-set of the dry season. If it will not be planted with rice, it will be planted later on with short maturing crops like mung-bean.

Food Court Operation Business – Building is located inside the school Campus. It has 7 stalls constructed 15 years ago. However, due to the decreasing number of students because of the K-12 program, business operation was affected. At present, there are only 5 operators left serving the needs of the students and employees of the campus. Another 2 operators are also operating within the campus and renting on a monthly basis.

Cap and Gown Rentals – It has 500 sets of cap and gown that was made and manufactured 2 years ago. It is now rented to graduating students. Total investment has already been repaid. This school year alone, it was able to rent out 417 sets to 2018-19 graduates generating a total revenue of P104,250.




CSU at Lasam had a humble beginning. It started from the Western Cagayan School of Arts and Trades, Lasam, Cagayan by virtue of R.A. 3272. With its post-secondary courses, it was qualified to be one of the satellite campuses of the University on June 11, 1978 (P.D. 1436).

Mr. Edilberto O. Garcia, the then Head of the Vocational Department acted as the Officer-In-Charge.

The Courses originally offered were: Automotive Technology; Machine Shop Technology, Woodworking Technology, Electrical Technology and Garments Technology, manned by 6 shop teachers and 4 related subject teachers. On June 1980, the late Dr. Andres R. Pasion was appointed as the first resident Campus Administrator.

Dr. Romeo C. Culasing took over as the next Campus Administrator. The school year 1995-1996 marked the beginning of the tremendous increase of enrolment in the campus because of the offering of Bachelor of Science in Elementary Education. The first batch of graduates garnered a 50% passing rate in the Licensure Examination.

When Dr. Patricio Unday, the then Campus Dean of CSU at Sancez Mira, was appointed President of NVSPC, Bambang, Nueva Viscaya, Dr. Culasing moved to CSU at Sancez Mira. Dr. Alfonso E. Battung took over as the Campus Dean of CSU at Lasam.

On July 2000, Dr. Aniceto P. Balaqui of Piat was assigned as the next Campus Dean until September, 2003. There were twelve faculty members and nine facilitative staff that are holding permanent and casual positions.

In spite of financial crisis, infrastructure projects were undertaken, namely: the wall retainer and the dormitories for faculty and students. All these projects were made possible through the initiative of the then Congressman Edgar R. Lara.

In view of the implementation of the New Organizational Structure for CSU being a dynamic institution, the honorable Members of the Board of Regents approved the appointment of the new set of University and Campus Officials.



Cacao processing is an activity involving the production of chocolate flavoured cookies, chocolate powder, and chocolate flavoured fruit cake. At present, a research proposal is being prepared to determine which of the locally produced fruits and other food products can be used as fruit cake ingredients and if processing is necessary. More researches may be undertaken in the future for further improvement of the existing products and invention of other chocolate products. A more appropriate processing center is presently under construction.

The Business and Resource Mobilization Office of the Cagayan State University is determined to continue to utilize existing resources of the campus and to undertake activities for a more utilization of resources. The resources of the campus include machines, equipment and kitchen utensils, buildings, vacant lands, trees and other plants and crops, bodies of water, its faculty, staffs and students.

Merchandising as an integral activity in the campus BRMO involves the sale of school uniforms and shirts and other products of the campus. A more appropriate display center for these merchandises is presently under construction.

The BRMO of Lasam Campus continues to operate for the benefit of the university and its clients and stakeholders. It pursues several activities such as **cacao processing and related researches**, **more efficient utilization of campus lands and buildings**, **and merchandising**. This office is determined to improve and upgrade the niche of the campus which is cacao processing, maximize the utilization of campus resources and earn a reasonable income for the campus. With this aim in view, it establishes linkages from local and international entities.





1. STRUCTURES/BUILDINGS

NO.	PARTICULARS	USE/DESCRIPTION	AREA (SQ.M)
1	Guard House	Used as the sentry of guards/watchmen at the gate of the campus	4
2	Admin Bldg.	Occupied by the Registrar's Office, OSSW, Accounting and Cashier's Offices	96
3	Cottage	tage Serves as the staff house and CEO's office	
4	Garage	Used as generating set house and stock room	60
5	Mechanical Tech Lab	Laboratory and lecture room of the mechanical technology course	80
6	Basketball court	Concrete open pavement for ball games and parking area	288
7	Maceda Bldg	Chem Lab and 2 CICS computer class rooms	216
8	DARP Hall	It houses the CTED Dean's Office, CICS Dean's Office, Guidance and counseling Office, Faculty Room, clinic, GSO, planning office and 6 class rooms. It is also used as the events place of the campus because of its collapsible dividing walls	1,000
9	School Canteen	Where foods are sold. It is operated by a private person paying monthly rents to the school.	100
10	CTED Kiosk	It is where students may spend their vacant hours.	20
11	NSTP room	At present, it serves as the Student Government Office.	
12	Outdoor CR1	It houses the ladies' and gents' comfort rooms.	30
13		Material recovery structure	
14	Library Bldg	It houses as the RDET Office and the Library room which is sometimes used as the conference room.	100
15	Outdoor CR 2	Comfort rooms for ladies and gents	12
16	Dorm 1	Dormitory for students, CIT Dean's office, ROTC office, BRMO, Music Room, 2 classrooms, and stock room of the CIT	400
17	Dorm 2	It houses the Supply Office, Food Tech laboratory 3 classrooms and dormitory for faculty and staffs who are not residents of Lasam.	400
18	Vermi Shade	Used for vermiculture.	40
19	Aringay Hall	A shade used fas laboratory for Automotive Tech students and some other purposes	48
20	Green House	It is not being utilized at present because the cover was damage by typhoons	
21	Solar Drier	It is a concrete pavement designed as a palay solar drier.	80
22	Covered walks	These are roofed structures connecting the buildings used as classrooms and other offices.	

*Note: All buildings in the campus are single storey.

2. LAND AND OTHER SPACES

NO.	PARTICULARS	USE/DESCRIPTION	AREA (SQ.M)
1	Play Ground	Located in front of the campus used as playground for and Flag Ceremonies. Some portions of it were eroded by the Tucalan Creek.	10,000
2	Dorm Garden	The open space at the southern portion of the campus lot used as a garden by the dormitory residents. A considerable portion of this land is prone to flooding during rainy seasons	1,600
3	Dragon Cactus Garden	Used for the production of dragon cactus fruit	800
4	Banana farm	This area is planted with banana.	1,500
5	NSTP Garden	This area is planted with various kinds of vegetables.	1,000
6	Other Areas	The remaining portion of the campus lot are planted with mahogany, Gmelina and other naturally growing trees. Some portions of these areas are prone to flooding and erosion caused by the Tucalan Creek. There are also low-lying areas of the campus.	20200



Cagayan State University Piat Campus which is blessed with huge land resources is focused on Agriculture. Given this opportunity, the campus, through the initiatives of Dr. Vicente S. Binasoy, Jr. and its supportive employees, has come up with the idea of making the benefit be more productive.

The land area is sub divided into different sites made to fully utilize it according to the campus flagship and banner program. These are as follows: Piat Campus has a Cattle Ranch of 150 ha land area where the Dairy Cattle Production Building sits. Few meters west is the 8 ha land area of coconut plantation. On the farthest part of the campus, resides the PCC field office and pasture area.

At the center, there is a secret haven that contains a panoramic view with its tropical climate and fresh air. The Integrated Farm Project (22 ha) contains organic vegetables, upland rice and poultry. Also, the campus has developed a Nature Farm which is accredited by the Department of Agriculture having met the standards of 30% livestock, 30% fishery, 30% crop and 10% fruit trees. It is also a home of exotic animals, which made the 18 ha land area a mini zoo.

The campus is also filled with land area reserved for rice plantation and other crops which is about 25 ha.

Moreover, the campus total land area is extended up to 12.5 ha, where the Bliss Site (5ha), Municipal Market (1.5 ha) Piat National High School (5 ha) and Slaughter House (1 ha) are located.

Meanwhile, the campus core has 61 ha land area for academic buildings and administration offices.

	A. LAND (CAMPUS LOCATION)	LAND AREA (HECTARES)				
1	Cattle Ranch	150				
2	Campus Core 61					
3	Coconut Plantation 8					
4	Livestock Ranch (Carabao) and Man-Made Forest	119.50				
5	Integrated Farm Project (Organic/Vegetables/Upland Rice/Poultry)	22				
6	PCC (Field Office and Pasture Area)	256				
7	Nature Farm	18				
8	Rice Field	25				
9	Corn	22				
10	BLISS Site	5				
11	Municipal Market	1.5				
12	Piat National High School	5				
13	Slaughter House	1				
	GRAND TOTAL	672				



The colorful history of CSU-Sanchez Mira started in 1947, when the people felt the need for a strong secondary education, two years after a devastating war. Thus, with the help of civic-spirited people, the then Sanchez Mira (ARRANZ) High School was born.

The said high school was then converted into an agricultural high school by virtue of RA 2398, a bill that was passed in congress in 1960. It was then named Sanchez Mira Rural Vocational School (SMRVS). Because an agricultural curriculum requires a wide and vast settlement, the school was located at the sitio of Nagbaranganan, Centro 2, Sanchez Mira, Cagayan, a place which is 2 1/2 kilometers away from the national road.

In 1967, the agricultural school appeared like a small city nestled in the middle of a mountain, with its sprawling land of 100 hectares, only 14 of which were used for crop plantation and infrastructure. Many incomegenerating activities were established which resulted to rapid development.

In 1974, after more than a decade, authority of the Director of Vocational Education opened a two postsecondary curriculum. Said curriculum grew fast and by virtue of the authority from the Ministry of Education, Culture and Sports, BS in Agriculture and BS in Agricultural Education courses were offered.

In May 1992, seven years after a temporary stay at the Municipal gymnasium due to an internal struggle from the hands of the NPAs, a 6.9-hectare lot along Maharlika Highway was purchased. The new campus then started to flourish offering other courses to include Secondary Education Curriculum sponsored by the DOST-SEI. Later, it started to offer courses in Elementary Education, BS in Mathematics, BS in Information Technology and the Graduate Studies program.

Now, CSU-Sanchez Mira is cradled in a wholesome campus, linked with various entities and other member of SCUs, GOs as well as NGOs, to work hand-in-hand in meeting the challenges of the 21st century. From its more than 100-hectare land in sitio Nagbaranganan, Sanchez Mira, the academic buildings and the sit of administration of the campus is now situated in a 7-hectare land donated by the late Florencio L. Vargas at Centro 2.

Upon entering the campus, one can find the administration building, the wide sports quadrangle, and the first & second phases of the two-storey academic buildings. Support facilities such as the two-storey library, which houses also the e-library, the student center for the student leaders, the FLVC Community Center and the Food and Refreshment Center are also found within the premises. Laboratories are also in place for instructional purposes, including the recently installed 35-cubicle speech laboratory in the College of Teacher Education.

At present, there are seven colleges in the campus, plus the Science High School and the Graduate School. In total, there are six programs in the graduate school and twelve undergraduate programs.

Considering the number of student-population in the campus, CSU-Sanchez Mira is considered as the fourth largest among all the campuses of the university.

Organic Agriculture and Apiculture are the niches of CSU-Sanchez Mira. It is in Sanchez Mira where you learn and experience innovative technologies in organic agriculture farming. Think of Sanchez Mira as the home of organic vegetable, organic rice, organic honey, organically grown tropical fruits and coconut products, and many more. Because of this, the university and campus administration have already started developing the old site of CSU in Nagbaranganan, first with the construction of the Farmers' Training Center which has just recently been completed.

Since CSU-Sanchez Mira is into organic agriculture, it is envisioned to be the next agro-eco tourism site in this part of the region and this will be made possible by transforming the old site into a place where one can learn about organic agriculture and at the same time enjoy the beauty and serenity of nature.

CSU - SANCHEZ MIRA CAMPUS (LAND PROPERTY)

SANCHEZ MIRA	TOTAL AREA	COST	DATE ACQUIRED	FUND SOURCE	REMARKS (Is it titled?, etc.)
CSU – Nagbaranganan OLD Site	100 hectares	2,000,000		Donation	Untitled
CSU-SM Campus (C2, Sanchez Mira)	6.95 Hectares	6,452,000	1992	Donation	Titled

NAME OF BUILDING	COST	DATE CONTRUCTED	FUND SOURCE	TOTAL ROOM AREA	NO. OF STOREYS	NO. OF CLASSROOMS	NO. LAB. ROOMS	NO. OF OFFICES
Education Building		1991		1,153.26 sq.m.	2	10		2
Science High School Building(now occupied by the College of Engineering)	1,500,000	1993		390.42 sq.m.	1	3		1
Gymnasium	1,350,000	1993		630 sq.m.	1			
School Canteen	947,636	1994		318 sq. m.	1			1
CEO's Cottage	800,000	1996	PDAF (Sen. E. Maceda)	266 sq. m.	1		1	
Agriculture Building	150,000	1998	PDAF (Cong. Lara)	423 sq. m.	1	5	1	1
OSSW Building (now occupied by Campus Socio Cultural)	947,636	1999		56 sq.m.	1	1		
Library Building	1,750,000	2000		220.9 sq.m.	2			
DOST Laboratory Building	2,000,000	2001	DOST	252 sq.m.	1		2	
CHIM Building (Formerly Boys Dormitory)	2,300,000	2002		130 sq.m.	1	4	3	
CHIM Building (Formerly Girls Dormitory)	2,300,000	2002		130 sq.m.	1	7		1
Guard House	70,000	2002		40.81 sq.m.	1			
Administration Building	9,798,987.91	2009		405.56 sq.m.	2			11
Executive Comfort Room 1	1,134,081	2010		48 sq.m.	1			
Technology Building	704,850	2011		480 sq.m.	1	3	3	1
Tissue Culture Building	700,000	2012		174.84 sq.m.	1	2		
CAS Building	19,642,194.7	2012		1,170 sq.m.	2	11	2	5
CSG Center	150,000	2016	CSG	54 sq.m.	1			1
Vargas Student Center		2016	PDAF (Cong. A Alfonso)	102.2 sq.m.	1			
Open Stage	200,000	2016		280 sq.m.				
Food Court Building	200,000	2016		392.54 sq.m	1			
Pasalubong Center Building	300,000	2017		48 sq.m.	1			1
Executive Comfort Room 2	250,000	2017	IPTEA/CSG	12.8 sq.m.	1			

CSU - NAGBARANGANAN OLD SITE

Rice Field – 3 hectares Coconut Plantation – 5 hectares Tropical Fruit Plantation (jackfruit, tamarind, pomelo, rambutan) – 1 hectare Pineapple Plantation – 0.5 hectare Coffee Plantation – 0.5 hectare Eco – Tourism Park – 3 hectares Forest Land Area – 85 hectares Graze land – 0.5 hectare Farmer's Training Center – 9 m x 32 m (288 sq.m)



PARTNERSHIP AND LINKAGES

Canadian Executive Service Organization (CESO)

The Canadian Executive Service Organization (CESO) was founded in 1967. It is a Canadian not-for-profit volunteer-based development organization that seeks to contribute in development by building capacity in governance and economic development among local clients and partners through the transfer of knowledge and skills by highly skilled Volunteer Advisors ("VAs"). To strengthen CSU's partnership with CESO, a Memorandum of Understanding (MOU) was signed on June 1, 2017 between the University and the Canadian Executive Service Organization (CESO). Since then, several Volunteer Advisers (VAs) provided technical assistance in response to the requested needs of the different campuses. There were three (3) VAs who on the same year namely George Mcrae, Jay Woosaree and John Miller Coo. For 2018, there were four (4) VA's who visited the university.

NAME OF ADVISER	PURPOSE	ASSIGNED CAMPUS	DATE OF ARRIVAL & DEPARTURE
Ronald G. Jamieson	To provide technical assistance on Cacao Processing, Packaging and Marketing	Lasam	January 4 - 21, 2018
Ira Teich	Training on Business Diagnostics, Business Proposal Preparation, Product Marketing and Branding	Andrews	January 22 - February 9, 2018
Vivien J. Escott	Technical Assistance in the Development of Agri-Ecotourism Plan	Piat and Sanchez Mira	January - February 2018 (mid)
Kevin Quinlan	Training on Faculty and Student Exchange Program	Andrews and Sanchez Mira	May 21 - June 1, 2018 December





The Peace Corps is a volunteer program run by the United States government with a mission of providing social and economic development in other countries through technical assistance, while promoting mutual understanding between Americans and the population served. The Memorandum of Understanding between the Cagayan State University and Peace Corps last

June 14, 2017 signifies a collaboration between the two parties on education projects. For 2018, there are six (6) Peace Corps Response Volunteers that provided technical assistance to the different campuses in the University where they stayed for almost seven (7) months.

NAME OF VOLUNTEER	PURPOSE	ASSIGNED CAMPUS	DATE OF ARRIVAL & DEPARTURE
Owen Roach	Specialist in Outcomes-Based Education	Carig	April 20 – October, 2018
Robert Leier	Specialist in Outcomes-Based Education	Carig	April 20 – October, 2018
Abby Lynn Winkler Crowley	Educational/Assessment Program	Andrews	September 29, 2018 - April 22, 2019
Valerie K. Pitts	Educational/Assessment Program	Andrews	September 29, 2018 - December, 2018
George Thomas Williams	Species Biodiversity Of Phil. Eel (Anguilla Spp) in Northern Cagayan Estuaries a Precursor for Management and Prospect for Sustainable Agriculture	Aparri	September 29, 2018 - April 22, 2019
Charles James Reilly III	Design and Development of a Comprehensive Land Use Plan Project	Lal-lo	September 29, 2018 - April 22, 2019



ROACH



PITTS









CHARLES JAMES CAGAYAN STATE UNIVERSITY

PHILIPPINES-TALWAN UNIVERSITY

PHILIPPINE – TAIWAN UNIVERSITY PRESIDENTS' FORUM

The Philippine Association of State Universities and Colleges (PASUC) and Taiwan Education Center hosted the 2018 Philippine-Taiwan Presidents' Forum on August 23-24, 2018 at the Wack – Wack Country Club, Mandaluyong City. Cagayan State University is represented by the University President Urdujah A. Tejada and Vice President for Partnership and Resource Mobilization Lina M. Garan. The forum was a venue for dialogue on educational collaboration between universities in the Philippines and Taiwan. Through the collaboration of the two countries, exchange of CSU students and professors to Taiwan universities can be realized in the near future.



😸 DOMESTIC & INTERNATIONAL PARTNERSH

CENTRAL BICOL STATE INVERSION

ATE UNIVERSITY

GENTRAL BICOL STATE UNIVERSITY OF AGRICULTURE PARTNERSHIP

With the plans of reviving the beekeeping projects of the University, Dr. Lina M. Garan, the Vice-President for Partnership and Resource Mobilization visited The Regional Apiculture Center – Bicol (RAC-Bicol), situated at the Central Bicol State University of Agriculture (CBSUA) in Pili, Camarines Norte on August 28-29, 2018. During the visit, a partnership was established between Cagayan State University and CBSUA. The two universities agreed on sharing knowledge and technology especially on apiculture that would lead to the development of research and income generation projects for both universities.

ORIENTATION OF FOCAL PERSON AND PEACE CORPS RESPONSE VOLUNTEERS (PCRV)

October 11-12, 2018, Dr. Lina M. Garan – the Vice-President for Partnership and Resource Mobilization and representatives from the campuses of Andrews, Aparri and Lallo attended the Orientation of Focal Person and Peace Corps Response Volunteers at Microtel, Mall of Asia Complex, Pasay City. The orientation session covered discussions on Peace Corps policies, culture matters, roles and responsibilities of supervisors and counterpart staff and the PCRVs, and review of PCRV project deliverables through a work planning exercise. The orientation culminated by the PCRVs Swearing- in Ceremony administered by US Ambassador to the Philippines Sung Kim.

Upon arrival in CSU Andrews, a briefing was done on October 14, 2018 at CSU Hostel Andrews Campus. The four volunteers were welcomed by Vice President Lina Garan, Dr. Theresa Dimalanta – Campus Executive Officer of Andrews, Dr. Mary Joy Borja – Director for Alumni Relations & Placement Services and Ms. Angela Tuliao – University Business Coordinator. A presentation was prepared for a brief introduction on the University and its campuses.



INFORMATION SESSION ON TRANS-NATIONAL EDUCATION UK-PH NOW



On November 13, 2018 at Central Luzon State University, an Information Session on Trans- National Education UK-PH NOW was attended by Dr. Lina Garan, Dr. Mary Joy Borja and Ms. Angela Tuliao. Seven Philippine Universities and their partner institutions from the United Kingdom presented their course offerings. The Commission on Higher Education encouraged faculty and staff of state universities to enroll for the double degrees offered by UK-PH NOW.

ORIENTATION ON THE PHILIPPINE PUBLIC - PRIVATE PARTNERSHIP PROGRAM

Dr. Lina Garan, CEO Vicente Binasoy, CEO Ricardo Casauay, Dr. Mary Joy Borja, Ms. Angela Tuliao, Mr. Jay Omotoy and Mr. Verlino Baddu visited the PPP Center at Quezon City on November 15, 2018. The group was briefed on the Philippine PPP Program, PPP Concepts, PPP Legal Frameworks and Joint Venture Frameworks. The Piat, Lal-lo, Gonzaga and Sanchez Mira campuses had a consultation on projects that could be adopted for the PPP Program.



COURTESY CALL OF PERUS TO DIFFERENT GOVERNMENT AGENCIES



Peace Corps Volunteers visited Hon. Manuel Mamba, Cagayan's Provincial Governor, for their Courtesy Call.

To minimize safety risks as prescribed by the Peace Corps policy, Cagayan State University coordinated with the different line agencies of the Philippine Government. Courtesy calls of the four (4) Peace Corps Response Volunteers, accompanied by representatives of the University, were done. They met with the Deputy Regional Director for Administration Police, PCSUPT John Cornelius Jambora, Provincial PNP Director, PSSUPT Warren Gaspar A. Tolito and the Provincial Governor, Hon. Manuel Mamba. The PCRVs were given safety measures, suggestions in terms of emergencies and the contact numbers that the Peace Corps Volunteers can call during emergencies.

LINKAGES 2018

AREAS	AGENCY	DESCRIPTION OF PARTNERSHIP	IMPACT	DATE SIGNED	REMARKS
A. INTERNATIONAL					
ACADEME, RESEARCH, PRODUCTION, EXTENSION	1. Canadian Executive Service Organization (CESO)	Collaboration with CESO takes the form of mentoring, coaching, training, workshops, information exchange, exposure to opportunities to access regional and international markets	 Improved packaging of FIC products, Carig campus logo and prospective names of businesses The following are the products that have new packaging based on VA Teich's recommendations: Powdered bagoong Okra Squash Sweet potato Mixed veggies The proposal of Piat campus has been finalized and submitted to funding agencies like CEZA, DA, & DOT A list of possible partner academes in Canada were provided and letter of intent were already sent that will enable faculty and students to have opportunities in enhancing their knowledge and skills and to share them to the partner academes 	JUNE 1, 2017	On-going
	2. Peace Corps	Is focused on Education projects	Majority of the classes visited during classroom visitations by the Peace Corp Response Volunteers adhered to outcome- based education, therefore the university is abreast with the existing trend in education	June 14, 2017	On-going
	3. SEAMEO Regional Center for Tropical Biology	Is focused on implementation of activities for tropical biology	Abundance of marine resources	October 18, 2017	On-going

B. NATIONAL		1			
ACADEME	1. Career Add-Ons Corporations	Is in-charge of organizing seminars and conferences that are deemed important for the university	-Enhancement of knowledge, skills, attitudes and values of students which will enable them to improve their performance and help in the attainment the goals and objectives of their prospective organizations	June 5, 2018	On-going
	2. Dela Salle University	To establish academic exchange and cooperation which encompasses a variety of mutually- beneficial learning opportunities	The exchange program will provide both parties opportunities to explore resources and improve performance of both.	-	On-going
PRODUCTION	3. Junior Achievement of the Philippines, Inc	Implementation of Registered Business Professional validation examination for the graduating business students starting 2017	Increased in the morale of passers of the examination. The students are more motivated to excel in their studies and be as competitive as the other marketing students nationwide	June 28, 2017	On-going
	4. Quirino State University	Establishment of Farmers' Field School (FFS) on community integrated Pest Management (IPM) and provide activities focused on farmers	-Trained farmers on community integrated pest management and on entrepreneurships will make them more responsible in managing their farms. -Printed IEC materials will helped farmers in the establishment and management of Farmers' Field Schools and Farmers' Business Schools	March 18, 2018	On-going
	5. Public- Private Partnership Center of the Philippines	Collaboration between Cagayan State University and the Public-Private Partnership Center	Assistance of PPP Center in developing potential PPP projects with the aim of utilizing land resources within its eight (8) satellite campuses.	March 29, 2019	On-going
	6. Agricultural Training Institute	Integrated Agricultural Program for Livelihood and Sustainable Enterprise Development- intended to provide livelihood programs for the households to increase their income	-Presence of more knowledgeable, responsible, well-informed, well-equipped and productive farmers who will helped improved the economy by providing employment opportunities and increase the standard of living of the farmers.	May 23, 2018	On-going

DOMESTIC & INTERNATIONAL PARTNERSHIP

	7. Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development	Pilot Testing of Peanut Post-harvest mechanization & Bulk Storage Technologies in Selected Regions in the Philippines Program: Bases for Program Improvement & Effective Transition to work or Tertiary Education	-Scientific paper conceptualized, finalized and published will help individuals in improving their craft. -Well-trained personnel will be able to share their knowledge and skills to help others in this field -Presence of database will help interested and concerned agencies to determine the possible problems and helped provide solutions to them to improve the socio- economic status of the individuals.	June 2018	On-going
	8. University of the Philippines-Visayas	Funding of 4 Research Papers for fisheries	Presented and published research papers will benefit interested individuals through the information provided in the papers	August 2017	On-going
C. LOCAL		<u>1</u>			1
ACADEME	1. Department of Interior & Local Government	-Sangguniang Kabataan (SK) Mandatory Training	More responsible youth leaders will provide more meaningful programs, projects and activities that will meet the needs of the youth and help build a peaceful and orderly communities.	-April 4, 2018	Terminated
	2. CVCAT Club 65, Inc.	The Network of Alumni, Professors, Instructors & Administrative Staff "NAPIA" will help the university in pursuing its plans and serves as a catalyst in unifying and building an Alumni Organization.	Unified Alumni Organization will help improve the performance of the university and meet the needs and concerns of its members	May 29, 2018	On-going
	3. Commission on Higher education	-Focused on training cooperative members on the operation of the prototypes for actual farm-level testing -Interdisciplinary Outcome-Based Assessment of the K to 12 Program: Bases for Program Improvement & Effective Transition to work or Tertiary Education	Trained cooperative members on the operation and maintenance of the stripper, sheller, and bulk storage system will improve the peanut farming condition of the selected regions.	March 26, 2018 April, 2018	On-going Terminated

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DOMESTIC & INTERNATIONAL PARTNERSHIP

4. Junior Chamber International- Tuguegarao Makasta	Campus Blood Letting Olympics	CSU community was provided with a continuous deposit of blood at CVMC Blood Bank which can be readily withdrawn during emergency cases	November 14, 2017	On-going
5. Pugad Lawin Philippines	Campus Blood Letting Olympics and Tree Planting	-CSU community was provided with a continuous deposit of blood at CVMC Blood Bank which can be readily withdrawn during emergency cases -Climate mitigation which will benefit future generation	March 10, 2018	On-going
6. Philippine Chamber of Commerce and Industry	-Environment Conservation Management (ECM) -Cacao Product Development	- ECM will help the adopted barangay in having an alternative livelihood that will lessen the unemployment rate of the chosen barangay and increase in the taxes that will provide more suitable projects, programs and activities for the community -Increased in cacao production will lessen the shortage of cacao in the region -Increased in the income of the barangay that will uplift the standard of living of the beneficiaries and decrease in unemployment rate	May 2018	On-going
7. LGU-Barangay San Roque	Environment Conservation Management (ECM)	-Established Communal Nursery for indigenous fruits seedling production will increased income of the rural folks and increased in the supply of seedlings that will meet the needs of individuals	July 2017	On-going
8. Carig Elementary School	Science Skills Enhancement	Developed laboratory skills in producing and performing improvised laboratory equipment and laboratory activities to upgrade skills of teachers and pupils to improve their performance.	-	On-going

PARTNER AGENCIES ON EMPLOYMENT COUNSELING SEMINAR





The Alumni Relations and Placement Services (ARPS), Office of Student Development & Welfare and Guidance and Counseling Office conducted an employment counseling seminar on online registration for board courses among graduating students in the University, on February 1, 2018 at CICS, Conference Hall, Carig Campus, Tuguegarao City.

It is highly believed that students deserve good services from the University in line with a better and guided career guidance and development. High employment of graduates becomes a clear basis of how we value them, their career and their future. It is in this context that the activity was conducted.

This activity was in coordination with the Department of Labor and Employment (DOLE) and the Professional Regulation Commission (PRC). It was hosted by Carig Campus, under the leadership of Engr. Arthur G. Ibanez and facilitated by ARPS Campus Coordinator, Prof. Gladys Abaleta.

The first part of the program was a discussion on employment counseling with Dr. Laura B. Diciano as the speaker. Ms. Basilica M. Iringan talked about resume and application writing; while, Ms. Aileen B. Tuliao's topic was on labor education.

The second part was focused on the topic: Requirements in the Online Registration for Board Examination and the Do's and Dont's in the Board Examination with PRC representatives as speakers. Ms. Floraida Matammu and Ms. Alice Baclig shared their expertise on the said topics.

There were 125 participants broken down as follows: from Andrews Campus: BSED-6, CHIM 17, BEED 1, CPTE 1, and BSBA 7; from Sanchez Mira Campus: BEED 3, BSE 2, BSACT 5; and from Carig Campus: BS Psychology 83 and BS Chemistry 17.

The activity ended with an open forum in each session. Dr. Borja delivered the closing remarks with a reminder for students to carry with them the core values that the University imbibed in them.









The Office of the Vice-President for Partnership and Resource Mobilization through the Office of the Alumni Relations & Placement Services in partnership with Department of Labor and Employment R02 and Public **Employment Services Office Tuguegarao City conducted** the University-wide Career Fair held at CSU Andrews Gymnasium on October 3, 2018. This activity aims to provide graduates the opportunity to learn more of the prospective job employers and the opportunities offered in line or related to their own field of expertise. The said event was attended by Ms. Rose Marie Giron - PESO Manager, Tuguegarao City, Dr. Mary Joy Borja - Director, Office of the Alumni Relations & Placement Services, Ms. Gladys Lavarias - Campus Alumni Coordinator, PESO Tuguegarao City, DOLE R02 staffs and twenty-two (22) local and international partner agencies/industries.

There were 865 graduating students and alumni who attended the said event.

LISTS OF PARTNER AGENCIES/INDUSTRIES DURING THE UNIVERSITY-WIDE CAREER FAIR 2018

AGENCIES/INDUSTRIES
De Leon General Hospital
Jonel's Real Estate
Addessa Corporation Philippines
Healthy Tummy Corporation
Light Microfinance Inc.
Grupo Marilen Inc.
Eastern Hawaii Casino
Almora General Hospital
Elisar Manpower Services Inc.
Advance Credit Corporation
M and E Cagayan Food Corporation (Mang Inasal)
YHMD International
Universal Robina Corporation – Cagayan Robina Sugar Milling Corporation
Gio's Commercial
Saint Rosalia International Agency
Sanford Marketing Corporation
Department of Labor and Employment
Ace Hardware Philippines, Inc.
SM Hypermarket
Robinson's Retail Holdings Inc.
Philippine Drug Enforcement Agency
Robinson's Bank

SEMINAR ON JOB Placement services

One of the projects, programs and activities of Career Add-Ons Corporation and CVCAT Club '65, Inc. is to provide technical support to its stakeholders. Parallel to this, a Seminar on Job Placement Services with the theme, "Build your Future: Make it Happen!" was conducted to graduating students on May 29, 2018, 1 pm at Red Eagle Gymnasium, Carig Campus. The objective of the said seminar is to make our students more abreast with current trends and issues on employment and how to become better member of the country's workforce by embracing advocacies on virtuous employment life.

There were 1,012 graduating students from Piat, Carig and Andrews Campus who attended the said event.

"JUMPSTART" — Job Placement Activity With Jobstreet

As one of the lined-up projects, programs, and activities in our partnership with CVCAT 65 Club, Inc., JobStreet.com was invited to hold a Seminar-Workshop to our alumni to make them more abreast with current trends and issues on employment, to provide awareness of the recruitment trends in the country, and to provide them better understanding on common interview scenarios, preparation of resume and application letters, and job hunting etiquette. The said activity was attended by Prof. Josie Bas-ong, OIC, Office of the VP for Partnership and Resource Mobilization, Dr. Mary Joy Borja, Director for Alumni Relations & Placement Services, Prof. Gladys Lavarias for Campus Alumni Coordinator, Andrews Campus, Mr. Ricardo de Jesus and Monica Palomares, Marketing Specialists of JobStreet.com., faculty members and graduates

The event was held at the CSU Andrews Gymnasium on July 18, 2018. There were 528 attendees in the said activity.

PARTNER AGENCIES ON Employment counseling Seminar: Piat Campus

The Alumni Relations and Placement Services Office, Office of Student Development & Welfare and Guidance and Counseling Office of Piat Campus conducted an Employment Counseling Seminar for graduating students on April 13, 2018 at Integrated Farm, Love Hall, CSU – Piat Campus. The said activity was in coordination with Department of Labor and Employment (DOLE) to assist students to understand their own personal, professional, and potential career difficulties.

There were 350 graduating students who attended the said activity.





LABOR EDUCATION AND Employment counseling Seminar: Lasam Campus

An Employment Counseling Seminar for graduating students was organized by the Alumni Relations and Placement Services Office, Office of Student Development & Welfare and Guidance and Counseling Office of Lasam Campus on May 21, 2018 at Darp Hall, CSU – Lasam Campus. The objective of the said activity was to provide students with strategies and values as they solve careerrelated professional dilemma and to raise awareness to the skills needed for active career management.

There were 170 students who attended the said activity.

TRAINING EVALUATION SUMMARY

Activity: University-wide Career Fair 2018 Venue: CSU Andrews Gymnasium, Tuguegarao City Date: October 3, 2018

A. VENUE	Weighted Mean	Descriptive Value
1. The venue is well lighted/well ventilated and conduct to learning.	4.32	Outstanding
2. The venue is free from unnecessary and disturbing noise.	4.11	Very Satisfactory
3. The venue is clean/appealing with well-arranged furniture.	4.16	Very Satisfactory
4. The audio-visual system worked well.	3.95	Very Satisfactory
B. TIME SCHEDULE		
1. The career fair started an ended according to the set schedule.	4.34	Outstanding
2. The time allotted for the career fair was sufficient.	4.43	Outstanding
C. PARTNER AGENCIES/INDUSTRIES		
1. The career fair provides information of prospective job opportunities.	4.43	Outstanding
2. The career fair has employers from various industries/agencies.	4.36	Outstanding
3. The recruiters were easy to approach.	4.45	Outstanding
4. There were opportunities to network with other stakeholders.	4.32	Outstanding
OVERALL	3.89	Very Satisfactory

ikert Scale:	1.00-1.80 = 1	15-1504	Poor
	1.81-2.60 = 2		Fair
	2.61-3.40 = 3	-	Satisfactory
	3.41-4.20 = 4	- //	Very Satisfactory
	4.21-5.00 = 5	-	Outstanding

Gender and Development



Jocelyn D. Tuscano, Ph.D.

University GAD Focal Person

Introduction

In October 2013, the Gender and Development Focal Point System of the Cagayan State University was established. Its vision is to create a university of empowered men and women who are free from all forms of injustice. It is headed by the university president and it is composed of executive officials (The VPs), and the Technical Working Group (TWG). The TWG is represented by the heads of offices Instruction, Research, Extension, Finance, of: of the Student Services Administration. Office Welfare, Guidance Services, Sports, Infrastructure, and Human Resource Management Office. The eight campuses are required to replicate the composition of the University GAD Focal Point System (GFPS).

The CSU GAD Focal Point System is implementing activities that are anchored on the provisions of the Magna Carta of Women (MCW). To promote the general well-being of every stakeholder especially the marginalized groups in the community, CSU actively employs gender mainstreaming. This is done by addressing gender issues and concerns in academics, research, extension, instruction, and training.

Furthermore, CSU trained technical providers on GAD through the help of the Philippine Commission on Women (PCW) - the national agency that is tasked to provide trainers' training on GAD. Today, some 15 PCW trained CSU faculty are tapped by the campuses to provide GAD technical assistance on Gender Sensitivity Training, Gender Analysis and GAD Planning and Budgeting among other GAD related topics. This is to ensure the level of awareness on GAD and its core messages on women and other disadvantaged groups in CSU is continuously advocated by the university.

To make Gender Mainstreaming effective, quality procedures in all offices and departments of the university is done by integrating provisions of the MCW. GAD efforts are also integrated in extension as it provides extension activities to adopted communities. This includes technical assistance, technology processing and packaging and livelihood skills training on processing and packaging of agriculture and forestry products. It also provides advocacy trainings such as Gender Sensitivity Training (GST), environmental protection and the like.

Along with the emergence of sexual harassment and other forms of abuse in the university, the Anti-Abuse Advocacy Committee (AAAC) was formed. The committee serves as an enabling mechanism to assist victims to speak out against sexual harassment and other forms of abuse. It is also an instrument in disseminating information regarding anti-sexual harassment and other forms of abuse and an arm created to assist the Committee on Decorum and Investigation (CODI) in all its undertakings.

With all of our GAD efforts, I am confident that we could help our future generation live in a better place where there are no inequalities, harassments, and abuses and where both women and men are empowered, uplifting each other towards a positive change.



epublic Act No. 9710, otherwise known as the Magna Carta of Women (MCW) provides that the state shall promote empowerment of women and pursue equal opportunities for women and men and ensure equal access to resources. It further endeavors to develop plans, policies, programs, measures, and mechanisms to address discrimination and inequality in the economic, political, social, and cultural lives of women and men in order to abolish the unequal structures and practices that perpetuate discrimination and inequality. In accordance with this, the CSU Gender and Development (GAD) office is continuously initiating gender mainstreaming activities to contribute to the attainment of a gender-responsive, peaceful and safe community. This is indeed experienced by all of the Cagayan State University's stakeholders, both external and internal.

One of the significant activities of the university conducted in 2018 in order to implement the MCW provisions was the 2018 National Women's Month Celebration participated by the Massive CSU Community. It was highlighted by the various activities such as Hanging of Tarpaulins on Women's Month theme, Online Advocacy Campaign on Women's Month theme, *Cine Juana Film* which was participated by hundreds of CSU students, Serbisyo Para Kay Juana (giving of free medical check-ups, manicure, pedicure, giving of cards and flowers, etc. among CSU women employees) and Livelihood Skills Training on Papercraft and Homecare products among 20 women of Tuguegarao City, Cagayan.

Several capacity building activities on Gender Sensitivity, Gender Analysis, GAD Planning and Budgeting and training on how to investigate sexual harassment cases were also conducted among faculty members, administrative staffs, and students. Among which are Seminarworkshops on GAD Planning and Budgeting among members of the Technical Working Group (TWG) and GAD Focal Persons, Writeshop on Gender Responsive Extension Proposals among campus extension coordinators and GAD Focal Persons, and Seminar on Gender Sensitivity among students and Seminar-workshops on the Proper Handling of Sexual Harassment Cases in the University among faculty members, administrative staffs and students. Similarly, Information, Education, and Communication (IEC) Materials were developed for R.A 9262 Violence Against Women and Children (VAWC), Anti-Abuse Advocacy Committee (AAAC) in Cagayan State University, Bullying, Anti-Sexual Harassment, and UNISON among others. Most campaign IEC materials are meant to educate individuals about different forms of abuse.

To address the needs of CSU students, numerous fora regarding different GAD advocacies were conducted. Among which are fora on Teenage Pregnancy, Reproductive Health and other teenage sexuality issues such as Fertility Awareness, Premarital Sex Prevention, Understanding Human Sexuality & Gender & Development Issues, Relationship Management, etc. Similarly, all guidance offices conducted growth sessions specifically on Time Management, Basic Life Skills, Study Habits and Stress and Depression Management.

In terms of achieving CSU GAD's goal of creating a peaceful and abuse-free community, the Anti-Abuse Advocacy Committee (AAAC) has been launched. The committee serves as an enabling mechanism to assist victims to speak out against sexual harassment and other forms of abuse. It is also an instrument in disseminating information regarding anti-sexual harassment and other forms of abuse. Moreover, it is an arm created to assist the CODI in all its undertakings.

CSU GAD also continued to participate in the Celebration of the 2018 National Campaign to End VAWC. Among the activities initiated by the universities are: Hanging of Tarpaulins on Anti-VAWC campaign, Oranging the campus by wearing of orange shirts every Friday of the month, Online advocacy campaign on Anti-VAWC, Fora on Anti-VAWC and Anti-Trafficking on Persons Act and Distribution of anti-VAWC related fliers/brochures.

With these conducted activities, the CSU GAD office is confident in bringing a positive impact on all members of the academic community.

Governance

GOVERNANCE

ANNIVERSARY DAY 06.11.2018











FOUNDI

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The big day - the 40th foundation day of the University - kicked off with a parade around the City Proper. The parade was participated in by hundreds of officials, faculty, staffs, students, and alumni from the eight campuses. Andrews and Carig Campuses also added their floats to the procession.

The parade was followed by a Eucharistic celebration with Rev. Fr. Ranhilio C. Aquino, University Chaplain, as celebrant.

Mr. Romuald La Madrid, staff of the Office of Socio-Cultural Affairs, sang "CSU: Tatak Fab4o", the official song of the 40th Founding Anniversary which he composed during the opening program. The song was composed by Mr. La Madrid and became the official anniversary song and was also used as the musical piece for the university dance participated by all the 8 campuses.

University President Urdujah A. Tejada also delivered her President's Address which highlighted the achievements of her administration for the past year. She also officiated the mass oath taking of newly appointed Instructor I in the University.

CULTURAL NIGHT O6.11.2018



President Tejada receives Highest Honor Award

une 21, 2018, Tokvo, Japan. President Tejada was conferred the Soka University Award of Highest Honor in recognition of her endearing contributions to the promotion of education, culture and the cause of world peace. In his speech, President Yoshihisa Baba, Soka University President, commended the significant contributions of President Tejada to national development as a former Philippine government official in the national setting and presently as a head of a state university. The national awards she received were in recognition of her vision of providing food on the table as an agricultural scientist and her personal philosophy behind her success in winning life's battles. The decision to confer the Soka University Award of Highest Honor is made based on the consent of the university Academic Council, followed by the approval of the Board of Trustees. This time, it was presented based on the recommendation of Dr. Ikeda. The award is conferred to recognize the achievements made by individuals in Japan and abroad for the betterment of society and humanity in their own area of contribution. Other recipients are individuals such as Wangari Maathai, Kenyan environmental activist, the founder of the Green Belt Movement and the 2004 Nobel Peace Prize Laureate: Jim Garrison, a professor of philosophy of education at Virginia Tech University and the past president of the Philosophy of Education Society and the John Dewey Society; John

Kenneth Galbraith (October 15, 1908 - April 29, 2006), a Canadian-born economist, public official, and diplomat; and Dr. Hazel Henderson, a futurist and evolutionary economist.

Earlier, she was also bestowed a Soka Friendship Award by the student body of Soka University of Japan for creating value for world peace and nurturing the best and brightest human resources as reflected in the university's vision and core values. President Tejada, in her speech, admitted that she did not expect the award, however, she thanked Soka University and expressed her assurance that Soka University will be the partner of CSU in furthering its endeavor at improving the quality of education while instilling in its students noble virtues of compassion and the untiring search for enlightenment. The conferral ceremony was witnessed by Soka University officials, professors and student representatives, Filipino exchange students from University of the Philippines and University of the East, Soka Gakkai International officials and Atty. Joev Cauilan. Board Secretary. Professor Ana Marie Cauilan, University Information Officer and Dr. Florentina Dumlao, Technical Adviser of CSU.

In a citation, President Tejada, who was appointed as the university's first female president in October 2016, remarking on the academic tradition of universities to honor outstanding individuals stated it is in fact CSU that is privileged to recognize an individual such as Mr. Ikeda, "who is revered by communities that seek and work for peace both in Japan and throughout the world, for his dedication to the cause of world peace, understanding and cooperation." President Tejada, citing compassion as the recognition of the suffering of others, stated that Mr. Ikeda is the world's teacher of compassion as reflected by the "leitmotif of all that he has written, spoken about, worked for, and contributed immensely to," and for these reasons, is deserving of the honorary doctorate.

In an acceptance speech, Dr. Ikeda expressed his heartfelt appreciation for the honor and commended the university for fulfilling its vision of "Transforming lives by educating for the best," stating that CSU's brilliant achievements are underscored by humanistic values that deeply resonate with Soka education. In reference, he quoted President Tejada, who has said true success is determined, not simply by fame and social standing but, by how we repay our debt of gratitude to individuals and communities who have helped foster us. Soka education founder Tsunesaburo Makiguchi, too, believed in the importance of leading a life of contribution, he said. Dr. Ikeda also stated that efforts made by CSU based on such ideals are consistent with the UN's Sustainable Development Goal of "leaving no one behind" and is also demonstrated by the Cagayan proverb, "Those who sow seeds of virtue will reap the fruit of appreciation."





The Lead HEI

Cagayan State University The Lead HEI shall:

Disaster Resiliency Mapping of Mission-Critical Infrastructures and Investments of State Universities and Colleges in the Philippines (DAREMAPS)

ission-critical infrastructures and investments are the backbone of an organization or a system such as State Universities and Colleges (SUCs) not only in the Philippines but to other parts of the world. Mission-critical infrastructures and investments include Administration Facilities, Research, Development and Extension, Instruction Facilities, Auxiliary Facilities and Services and Multi-Purpose Structures. These structures are vital to the operations of SUCs and if it is interrupted or fails, the operations of these systems are significantly impacted.

The Project, "Disaster Resiliency Mapping for Mission-Critical Infrastructures and Investments of State Universities and Colleges in the Philippines" is a two (2) year study funded by Commission on Higher Education (CHED) under the K to 12 Transition Program of Discovery Applied Research and Extension Trans/ Inter-Disciplinary Opportunities (DARE TO) Projects. The project covers 17 SUCs/ HEIs located in highly vulnerable provinces and cities in the 17 regions of the country which serve as study areas as well as collaborative research partners. The Project Team personnel comes from the Lead HEI, Cagayan State University and from the 17 collaborating SUCs.

The project seeks to assess the disaster resiliency levels of the 17 SUCs in 17 Regions of the country in terms of their 1.) Compliance to CHED Information System Strategic Plan (ISSP) requirements to relevant Technical Standards including the socio-economic aspects of mission-critical infrastructures and investments, and 2.) Vulnerability and adaptation capacity of the mission-critical infrastructure and investment of the target 17 SUCs to natural climate and geological hazards such as flood, typhoon, earthquake, tsunami and man made threats such as fire, arson, utility interruptions, and cyber threats.

The major activities of the project includes; the identification and characterization of the mission-critical infrastructures and disasters threatening the project areas, development of disaster resiliency database, capacity building and workshop, conduct of vulnerability and risk assessment mapping with the expertise of different professional groups, formulation of adaptive policies for mainstreaming, and dissemination of project patent registration.

The expected outputs of the project are the socio-economic and technological profile of SUCs, disaster resilience database, vulnerability and risk maps and reports, trained project personnel on the physical design of cost-effective adaptation interventions, cybersecurity and database operation. Adaptive policies to strengthen mission-critical infrastructure and investment resiliency, and scientific paper presented in conferences and published in refereed journals including copyrights are also some of the expected outputs of this project. These outputs shall be used as baseline data/information that will aid future policy decisions relative to funding by CHED and DBM.

The project estimated budget of P14,634,672 would come from Commission on Higher Education - Discovery Applied Research and Extension for Trans/ Interdisiciplinary Opportunities (CHED - DARE TO) Program, the counterpart of the lead and collaborating HEI shall be in the form of the monetary equivalent of time of the regular faculty members detailed in this project.

- 1. Train the Project Staffs on GIS Mapping, Data Gathering and Analysis, Climate and Disaster Risk Assessments, as well as Cybersecurity and threat vulnerability assessments,
- 2. Gather socio-demographic and geospatial exposure data, train Research Staffs and Coordinators, validate maps and data, and monitor and evaluate project activities,
- Provide technical assistance, logistics, and manpower to assist the Partners SUCs in planning, data gathering, GIS Mapping, Vulnerability and Disaster Risks Assessments, Risks-Based Policy Formulation and Mainstreaming Climate and Disaster Risks in SUC Development Plans.

The Partner State Universities and Colleges

Region	Partner SUCs
Luzon Cluster	
CAR	Ifugao State University – Alfonso Lista Campus
Region I	Pangasinan State University – Lingayen Campus
Region II	Cagayan State University – Andrews Campus
Region III	Pampanga State Agricultural University – Magalang Campus
NCR	Polytechnic University of the Philippines – Sta. Mesa Campus
Region IVA - CALABARZON	Batangas State University – Main Campus
Region IVB - MIMAROPA	Mindoro State College of Agriculture and Technology - Victoria Campus
Region V	Bicol University Main Campus – Daraga Campus
Visayas Cluster	
Region VI	Western Visayas State University – Iloilo City
Region VII	Bohol Island State University – Tagbilaran City
Region VIII	Eastern Visayas State University – Tacloban City
Mindanao Cluster	
Region IX	Western Mindanao State University – Zamboanga
Region X	University of Science and Technology of Southern Philippines – Cagayan de Oro City
Region XI	University of Southeastern Philippines – Davao City
Region XII - SOCKSARGEN	Sultan Kudarat State University – Tacurong Campus
Region XIII - CARAGA	Surigao State College of Technology – Surigao del Norte
ARMM	Mindanao State University – Tawi Tawi College of Technology and Oceanography

Climate Change Program

Increasing intensities of typhoons, the melting of ice in the polar regions, higher flood levels, increase and temperature and many others are just some of the many proofs that the effects of climate change are now being felt by the whole world. Climate change has come and it is here to stay. We cannot prevent its effects, but we can choose to adapt to it.

The Philippines is one of the most vulnerable and high risk countries in the world primarily due to its geographical location. Of the Top 10 Philippine Natural Disasters in terms of casualty, five (5) are typhoons, two (2) are volcanic, one (1) landslide, one (1) earthquake, and one (1) tsunami. Tuguegarao City is ranked "World's Top Number 2 in Cities most exposed to Natural Hazards" out of 1,300 cities worldwide. Topping the list at Number 1 is Vanuatu, an island in the South Pacific: followed by Lucena (#3), Manila (#4), San Fernando, Pampanga (#5), Cabanatuan (#6), Batangas (#7), San Carlos (#9), Naga (#10) in the Philippines. For the record, Tuguegarao City holds the title "The Hottest City in the Philippines". Because of this the country is implementing several legal measures such as RA 9729 also known as the Climate Change Act of 2009; the National Framework Strategy on Climate Change 2010-2022, among others.

By assessing the risk brought about by disasters, funding agencies will have an estimate on the cost due to potential damages and local government officials will know how to respond to disasters. The Climate Change Commission, an agency formulated to address the problems due to climate change in the country, together with the Department of Interior and Local Government (DILG), mandated the formulation of the Local Climate Change Action Plan (LCCAP) of every municipality. Climate change and disaster risk assessment and analysis have undoubtedly been two of the concerns that local government units address every now and then. Different scenarios of different hazards have emerged because of climate change. These however are now addressed easier through the development of GIS mapping.

Constant training and being posted up-to-date on the processes in Climate Disaster Risk Assessment (CDRA) and Local Climate Change Action Planning (LCCAP) formulation is essential to every local government unit not only for the proper packaging of materials needed for certain requirements, but also for easier location of risky areas in the municipalities during the times of disasters.

"Directing the local government units to adopt and use in their planning activities the guidelines on mainstreaming disaster risk reduction (DRR) in subnational development and land use/physical planning" (Administrative Order No. 10 dated September 17, 2010) inspired this capacity building.

To help LGU's and other agencies in their objective in planning to adopt in climate change, the Cagayan State University established the Climate Change Program Office under the leadership of Dr. Jose D. Guzman. By this program, CSU Climate Change Program Office collaborated with DILG in GIS mapping on CDRA in preparation for LCCAP formulation in all municipalities of Cagayan. Also, some trainings were provided by the program to help other agencies officials in their GIS trainings.

Another part of the program is the establishment of Cagayan Valley Climate Change Consortium (CVCCC). With the aim to make Region 2 a Climate-Smart Region in the 21st Century the CSU establish a partnership with 11 Regional Agencies (NEDA, DOH, DOT, OCD, BFAR, DA, DSWD, PIA, DENR, CHED and DOST) and Tuguegarao City LGU and established the first climate change consortium in the country. The launch of the consortium was also supported by CCC and University of the Philippines Resilience Institute.

ACTIVITY HIGHLIGHTS			
Activities	Date & Venue	Participating LGUs	
TRAINING - WORKSHOP ON GIS IN PREPARATION FOR CDRA/LCCAP	November 27 - 29, 2017	Solana	
TRAINING WORKSHOP ON THE FORMULATION OF LOCAL CLIMATE CHANGE ACTION PLAN (LCCAP) INTEGRATING CLIMATE & DISASTER RISK ASSESSMENT (CDRA)	November 12-18, 2017 at Supreme Hotel, Baguio City December 15-18, 2017 at Baguio City	Isabela, Batanes and Cagayan Solana, Gattaran, Lallo, Allacapan, Solana, Camalaniugan, Sanchez Mira, Sto. Niño, Amulung, Gonzaga and Aparri	
TRAINING-WRITESHOP ON LOCAL CLIMATE CHANGE ACTION PLANNING (LCCAP) INTEGRATING CLIMATE DISASTER RISK ASSESSMENT (CDRA)	January 2018 – March 2018 at CSU Andrews Campus & Tuguegarao City	Local Government Unit of Tuguegarao	
GEOGRAPHIC INFORMATION SYSTEM (GIS) TRAINING FOR LOCAL GOVERNMENT UNITS	October 15-17, 2018 at Zen Hotel, Santiago City, Isabela	Alicia, Angadanan, Echague, Dinapigue, Divilacan, Ramon, San Mateo, Jones, San Isidro, San Agustin, and Reina Mercedes	
CEREMONIAL MOA SIGNING AND TURNOVER OF CAGAYAN VALLEY CLIMATE CHANGE CONSORTIUM (CVCCC)	May 3, 2018 at CSU Andrews Campus	13-Member Head/Regional Directors (NEDA, DOH, DOT, OCD, BFAR, DA, DSWD, PIA, DENR, CHED, DOST, CSU and LGU Tuguegarao City)	
CSU CLIMATE CHANGE PROGRAM OFFICE MEETING WITH CCC COMMISSIONER, CHED COMMISSIONER, CSU PRESIDENT DR. URDUJAH A. TEJADA and UPRI EXECUTICE DIRECTOR	June 28, 2018 at Hotel Roma, Tuguegarao City		
MAINSTREAMING CLIMATE CHANGE AND DISASTER RISK MANAGEMENT IN CAGAYAN VALLEY	July 9-10, 2018 at CSU Andrews Campus		
CVCCC 5th TECHNICAL WORKING GROUP (TWG) MEETING	September 28, 2018 at Tuguegarao City Hall		



CAGAYAN STATE UNIVERSITY **ERERGING** CENTERS OF **INNOVATION**

BAMBOO AND MANGROVE

Program Overview:

amboo-based

The Bamboo-based Agroforestry Program operationalizes the research, development and extension (RDE) niche program of CSU - Gonzaga. It focuses on the development and dissemination of appropriate technologies that integrate bamboo with other agro-forest produce including crop and farm livestock to mitigate deforestation, alleviate rural poverty, secure food stability, and address environmental instability.

Program History:

Bamboo remains a principal building material throughout the Cagayan Valley. It is also an environmentally protective item. The bamboo has been a commodity of the campus since its establishment as a university. Numerous research and extension projects and activities have been conducted on the development and dissemination of bamboo-based technologies. However, with limited funding, bamboo has not became a priority program of the campus. Only recently has sufficient funding allowed the establishment of a fully operational and functional Bamboo and Mangrove Agroforestry Center at CSU Gonzaga.

What we do:

- 1. Firm-up of bamboo-based agroforestry as RDE niche program of the campus with components of RDE activities;
- 2. Research on Bamboo Micro-propagation, Production and Commercialization;
- 3. Establish, restore, maintain and protect bamboo stands for food, livelihood, and climate change mitigation;
 - 4. Establish community-based bamboo plantation;
 - 5. Expand campus-based bamboo nurseries, parks and genebank; and
 - Distribute bamboo propagules to growers



AGROFORESTRY CENTER

COMMUNITY EMPOWERMENT THRU SCIENCE, TECHNOLOGY, EDUCATION, ENVIRONMENTAL PROTECTION, AND HEALTH (CESTEEPH) PROGRAM

Program Overview:

The CESTEEPH is a 4-year comprehensive, collaborative, and community-based program focusing on ecological development and empowerment of mangrove communities in Gonzaga, Cagayan and building their resiliency through science and technology, education, livelihood, environment protection, health and other interventions.

Program History:

Mangrove forests in Gonzaga are in a deplorable state with an average of only 25% living mangrove trees. Most of the areas manifested severe cutting, heavy erosion and siltation. The presence of poor, struggling and vulnerable fishing and farming communities in both areas makes the situation more precarious. Pursuant to the project is a Memorandum of Understanding (MOU) between CSU and Southeast Asian Ministers of Education Organization (SEAMEO) Biotrop at Brunei Darussalam to mark the start of the program.

What we do:

- Conduct Community life competency training
- Initiate Community planting of mangrove propagules
- Grant educational hardware to school children
- Apply of bioengineering in mangrove restoration
- · Grant of livelihood assistance to fisherfolks along denuded mangrove areas
- Establish nurseries
- Put up home gardens
- Establish Farm Business Schools
- Conduct Coastal clean-up drives
- Partner with local, national, and international agencies
- Advocate campaigns and publications





Program Overview:

The CSU-DOST02 Food Innovation Center is composed of four interrelated units focusing on food which emerged in a single project and became a hub. These units are Industry Assistance Unit, PINOY (Package for the Improvement of Nutrition of Young Children), Basic Research Unit, and Equipment Operation and Maintenance Unit.

This project intends to enhance the innovative capacities of Micro Small and Medium Enterprises (MSMEs) in the food industry to improve the quality of their existing products and/or develop new ones; thereby increasing their competitiveness in local and export markets. Moreover, it harmonizes activities and rationalizes resources for industry development through better interface among R&D agenda, technology generation, S&T programs, and food industry needs.

Program Goals:

This project intends to enhance the innovative capacities of MSMEs in the food industry to improve the quality of their existing products and/ or develop new ones; thereby increasing their competitiveness in local and export markets. Moreover, it harmonizes activities and rationalizes resources for industry development through better interface among R&D agenda, technology generation, S&T programs, and food industry needs.

With the initiative and support of DOST 02, through former Regional Director Dr. Urdujah A. Tejada, and with the participation of Cagayan State University (CSU) being the host institution, through University President Dr. Romeo R. Quilang, the regional FIC was established and completed through the efforts of CSU Carig CEO Engr. Arthur G. Ibañez.

What We Do:

- Improve food product quality
- Develop food products through line extensions product innovation
- Provide technical training
- Provide food analyses
- Provide technical and productivity consultancy services
- Assist cooperators or beneficiary firms in food processing and packaging



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Equipment -	FIC 02 Customer Rate		FIC 02 Student Rate (20% off)		
Equipment	Rate per dav	Rate per hour	Rate per day	Rate per hour	
High	Impact Technolog	y Solutions (HITS) E	quipment		
Vacuum Fryer	3,687	614	2,949	492	
Water Retort	2,929	488	2,343	390	
Spray Dryer	3,423	571	2,738	456	
Freeze Dryer	2,711	NA	2,168	NA	
Vacuum Sealer	2,086	348	1,668	278	
	Other Processing	and Testing Equipm	nent		
Single-Screw Extruder	1,641	274	1,313	219	
Meat Mincer	1,038	173	831	138	
Noodle Maker	1,023	170	816	136	
Dough Mixer	1,034	172	827	138	
Cabinet Dryer	1,854	309	1,483	247	
Deep Fryer	1,159	193	927	155	
Packaging Equipment					
Vertical Fill-Form-Seal	1,618	270	1,294	216	
Horizontal Band Sealer	1,054	176	843	141	
Induction Sealer	1,028	171	823	137	
Impulse Sealer	1,015	169	812	135	
	Use of Facility a	nd Testing Equipme	nt		
Use of Facility	1,931	322	1,545	257	
Heat Penetration Test	10,000	NA	8,000	NA	
	Packagin	g and Labeling			
Label Design w/o Concept Dev't	2,	341	1	1,873	
Label Design w/ Concept Dev't	3,951		3,161		
Label Design for Box					
•Stock Design		178	4,142		
•Custom Design		067	4,854		
Logo Design w/o Concept Dev't		854	1,873		
Logo Design w/ Concept Dev't	3,	951	3	3,161	

Faass

CENTRAL ANALYTICAL LABORATORY

- Contact Us: -

Dr. Mary Jane C. Calagui Laboratory Head Email - cablaboffice@gmail.com

Program Overview:

The Central Analytical (CA) Laboratory was established as an auxiliary service department under the Research Development & Extension Office of Cagayan State University. Its services include chemical and microbiological analysis of water, food, plant and plant extract. The Central Analytical Laboratory is a key partner to the success of the Research and Development programs of the entire CSU community.

Services:

The Central Analytical Laboratory offers a wide variety of test parameters accepted in the laboratory include water, food, feeds, plants, and plant extracts.

Program History:

two sections namely: (1) Chemistry Laboratory and (2) Microbiology Laboratory. (1) Chemistry Laboratory and (2) Microbiology Laboratory. It houses equipment that were purchased with funds from the general fund. The grant was in the amount of worth PHP 34M for the purchase of technical and scientific equipment for research use. With the fully equipped laboratory, the Natural Product Research and Innovation Center (NPRIC) was established

ANALYTICAL TESTING LABORATORY

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1	V/A	7	2
1		7	Δ.

Test Parameter	Test Method	Test Rate
Acidity	Titrimetry	500.00
Alkalinity	Titrimetry	500.00
Cadmium	FAAS	1,000.00
Calcium	FAAS	1,000.00
Chromium	FAAS	1,000.00
Calcium Hardness	Titrimetry	390.00
Chloride	Argentometry	750.00
Iron	FAAS	1,000.00
Lead	FAAS	
рН	Potentiometry	350.00
Sodium	FAAS	1,200.00
Sulfate	Turbidimetry	800.00
Total Dissolved Solids	Gravimetry	600.00
Total Solids	Gravimetry	320.00
Total Suspended Solids	Gravimetry	650.00
Total Hardness	Titrimetry	390.00
Conductivity		200.00
pH Determination		200.00

FOOD & FEEDS

Test Parameter	Test Method	Test Rate
Ash	Gravimetry	550.00
Crude Fat	Solvent Extraction	960.00
Iron	FAAS	1,000.00
Moisture	Air Oven	400.00
Total Acid	Titrimetry	300.00
Sodium	FAAS	1,000.00
Calcium	FAAS	1,000.00
Cadmium	FAAS	1,000.00
Lead	FAAS	1,000.00
Copper	FAAS	1,000.00
Potassium	FAAS	1,000.00

PLANT & PLANT EXTRACTS

Test Parameter	Test Method	Test Rate
Phytochemical Screening	Guevarra (2005)	1,200.00
Ethanolic Extraction	per 100g	300.00
Methanolic Extraction	per 100g	250.00
Aqueous Extraction	per 100g	130.00

MICROBIOLOGY **TESTING LAB** MATER

WAIEK		
Test Parameter	Test Method	Test Rate
E. Coli Count	SMEWW 2012	1,000.00
Heterotropic Plate Count	SMEWW 2012	1,000.00
Total Coiliform	SMEW/W 2012	1 000 00

PLANT & PLANT EXTRACTS

Test Parameter	Test Method	Test Rate
Sensitivity Test		
Agar-Well Diffusion		1,500.00
Paper Disc Diffusion		600.00

OTHERS Test Parameter

Sterilization	160.00/hr
Drying of Samples	150.00/hr
Incubation	150.00/day
Absorbance Readding	130.00/hr
HPLC Analysis	case-to-case basis
Concentration of Extract	500.00/Liter
Water Bath	130.00/hr

Test Rate

FOOD & FEEDS

Test Parameter	Test Method	Test Rate
Total Coliform Count	FDA-BAM	550.00
E. Coli Count	FDA-BAM	1,000.00
Aerobic Plate Count	FDA-BAM	550.00
Yeast & Molds	FDA-BAM	550.00
Salmonella (rapid)	FDA-BAM	1,050.00
Staphylococcus aureus	FDA-BAM	1,200.00

Procedure:

- 1. Look at the services available
- 2. Accomplish Transmittal Form
- 3. Submit sample to the Laboratory
- 4. Pay required fee at the cashier 5. Claim Certificate of Analysis

TUKLAS LUNAS DEVELOPMENT CENTER

PROGRAM OVERVIEW:

The main objective of the program is to develop anti-infective, anti-pain and anti-tuberculosis herbal drug preparations that can be pursued further for pre-clinical and clinical development. The study takes off from folkloric uses from interviews with indigenous people as well as literature review.

The program is composed of 5 projects namely:

- 1. Non-toxic Bioactive Plant Extracts from Region 2 for Infection and Pain
- 2. Chemical Profiling and Standardization of Non-toxic Bioactive Extracts of Indigenous Plants.
- 3. Development of Functional Food Products from Edible Non-toxic Bioactive Plants
- 4. Pre-formulation and Formulation of Standardized Anti-infective and Anti-pain Extracts for Pre-Clinical Development
- 5. Cultivation of Priority Plants with Anti-infective and Anti-pain properties

PROGRAM HISTORY:

With an increasing trend of Filipinos preferring safer and effective remedies to minor ailments, a higher demand for herbal or traditional products is expected. The industry, including local players and community-academe partnerships have started to invest in research and development of these natural health products. Thus, medicinal plant species are the subject of intensive characterization and evaluative research to standardized herbal supplements in order to address infectious and inflammatory diseases.

WHAT WE DO:

- Screen for anti-infective and anti-pain potential of endemic, indigeneous, and rare plants from Region 2
- Standardize priority non-toxic bioactive extracts from endemic, indigeneous, and rare plants of Region 2
- Develop functional food products from edible non-toxic bioactive plants
- Develop dosage forms of ethanolic extracts of priority non-toxic bioactive plants for the treatment of infective diseases and pain for pre-clinical development
- Produce organically grown priority plants identified for program sustainability



Program Management Team Member Email: jane_calagui@yahoo.com

CLIMATE CHANCE PROGRAM

PROGRAMOVERVIEW:

The main objective of the program is to strengthen the capacities of universities, local government, institutions and communities in Region II to adapt and mitigate the impact of climate change through research, policies, timely intervention, information and advocacy, community mobilization and partnership with local, regional, national and international agencies. The focus of the program is capacity building for Climate and Disaster Risk Assessment, Local Climate Change Action Plan, Local Disaster Recovery Management, Mainstreaming and Master Program for Climate Change.

PROGRAM HISTORY:

As part of the university engagement with the Climate Change Commission Project ReBUILD and to establish a university platform in addressing the impact of climate change in Tuguegarao, one of the riskiest cities in the world in respect to disasters, flood and typhoons, the CSU envisioned the need for a holistic Climate Change Program. The engagement started through CCC Project ReBUILD followed by the harmonization with Regional Climate Change Program and Projects with partner institutions.

WHAT WE DO:

- Assist local government units in integrating Geographic Information System (GIS) Mapping on Climate Disaster Risk Assessment (CDRA) and Local Climate Change Action (LCCAP)
- Provide a pool of mentors and trainers for training and workshops in formaulating Local Climate Change Action Plan and integrating climate and disaster risk assessment.
- Conduct workshops on resilience capacity building for cities and municipalities to reduce disaster risk from climate change and natural hazards.

— Contact Us: — Dr. Jose D. Guzman Project Manager Phone: (078) 577 - 2954

CAPACITY BUILDING and WORKSHOP ON CC/DRA and MCI EXPOSURE.db



METALS INNOVATION & ENGINEERING RESEARCH AND DEVELOPMENT CENTER

PROGRAM OVERVIEW:

The Metals Innovation & Engineering Research and Development Center (MIERDC) is a joint venture between Cagayan State University (CSU) through the College of Industrial Technology (CIT) and the Department of Science and Technology (DOST) Regional Office 02 under the Memorandum of Agreement signed last January 22, 2015.

PROGRAM HISTORY:

The vision of the MIERDC is aligned with Executive Order No. 5 s. 2016 which states "Approving and Adapting the 25-year Long Term Vision Entitled Ambisyon Natin 2040 as a Guide for Development Planning".

This is also consonant with the Medium Term Development and Investment Plan 2017-2022 of CSU President Urdujah A. Tejada for the Cagayan State University. Sec 4. provides that all plans of government offices shall be consistent with Ambisyon Natin 2040. DOST and CSU embrace "Matatag" "Maginhawa" and "Panatang" that makes a smart and innovative society.



WHAT WE DO:

- Provide technical services and equipment for food processing
- Improve quality of education and increase the capabilities of metals artisans and entrepreneurs
- Contribute to the Climate Change and Disaster Mitigation Programs through the crafting of efficient and effective utilities
- Participate in the energy conservation through the fabrication of facilities and enrich utilization of Renewable Energy
- Establish Waste Management mechanisms to help maintain a clean environment
- Improve productivity and competitiveness in automotive metal, engineering, electrical industry

- Contact Us:

Engr. Arthur G. Ib<u>añez</u>

Campus Executive Officer, CSU Carig

Website: csucarig.edu.ph

NATURAL PRODUCT RESEARCH AND INNOVATION CENTER

PROGRAM OVERVIEW:

The program is a combination of Basic Science and Applied Science projects and studies geared towards pre – formulation and development (formulation and evaluation) of functional food products, personal and homecare products, edible coatings, organic pesticides, bioremediation products, topical herbal formulation, chitosan – based products, and animal health products.

WHAT WE DO:

- Develop natural products pursuant to the program objectives
- Engage faculty members and students in research and innovation on natural products





Contact Us: _____ Dr. Ramelo Ramirez Interim Manager Emai: rameloramirez@csu.edu.ph



Tropical Fruits and Organic Agriculture Center



The Tropical Fruit and Organic Agriculture Center features the apiculture, diversified coconut production, and the mushroom production projects. The Center supports coconut-based cropping system - an integration of organic farming and honeybees to coconut farming.

Apiculture Project

The Cagayan State University at Sanchez Mira provides a techno-showcase on bee culture & conservation, product processing and bee integration to organic vegetables and tropical fruits, such as citrus and coconut.

WHAT WE DO:

- Train bee keepers and other farmer-cooperators on the management of stingless bees
- Process bee products
- Integrate bee keeping to organic vegetable, citrus and coconut farming

Diversified Coconut Production Project

This is a project to promote coconut based food and non-food product diversification and by-product utilization providing research opportunities to faculty and students as well as delivering a more sustainable livelihood for coconut farmers for them to provide adequately for their families.

WHAT WE DO:

- Conduct training on coconut based product development
- Assist farmers in the production and marketing of coco-based products.

Mushroom Production Project

This focuses on the optimized Utilization of Coconut Waste for the production and processing of different mushroom species for coconut-based biomass

WHAT WE DO:

- Expand and upgrade the existing mushroom production technology by establishing tissue culture laboratory
- Create technology for the utilization of coconut waste in mushroom production
- Partner with government and non-government organization on mushroom production and processing endeavors
- Train the members of the community to be mushroom technology adopters
- Involve students and faculty members in mushroom research and extension



President, Cagayan State University Emai: president@csu.edu.ph Phone: (078) 844-0430



ANDREWS

Doctor of Philosphy in Educa<mark>tion Major in:</mark> **Education Management** Science Education English Language Education Master of Public Health Master of Arts in Education Major in: Educational Management English Filipino Technology Education Management Social Studies Master of Science in Teaching Major in: Chemistry Biology Mathematics Physics Master in Business Administration Bachelor of Laws/Juris Doctor Certificate Program in Teacher Education Bachelor of Science in Respiratory Therapy Bachelor of Science in Medical Technology Bachelor of Science in Public Health Bachelor of Science in Entrepreneurship Bachelor of Science in Accounting Info. System Bachelor of Science in Business Administration Major in: Financial Administration Marketing Management BS in Legal Management BS Accounting Technology

BS Accounting Technology Bachelor of Secondary Education Bachelor of Elementary Education Bachelor of Technical Teacher Education BS in Hospitality Industry Management

APARRI

- Doctor of Philiosophy in Education Major in: Educational Mangement Master of Arts in Education Master of Arts in Education Master in Information Technology BS in Information Technology BS in Hospitality Industry Management Bachelor of Elementary Education Bachelor of Secondary Education BS in Business Administration BS in Industrial Technology BS in Criminology BS in Criminology BS in Police Administration BS in Fisheries
- BS Accounting Technology

SANCHEZ MIRA

- Doctor of Philosophy Master of Arts in Education Master of Science in Teaching Master in Public Administration Master in Information Technology Certificate Program in Teacher Education **Bachelor of Elementary Education** Bachelor of Secondary Education BS in Business Administration BS in Criminology BS in Police Administration BS in Psychology BS in Hospital Industry Management Diploma in Culinary Arts Diploma in Food Tecnology BS in Information Technology BS in Agriculture BS in Agricultural Engineering
- BS in Industrial Technology
- BS in in Accounting Technology

LASAM

Master of Arts in Education Master of Public Administration BS in Industrial Technology BS in Information Technology Bachelor of Elementary Education Bachelor of Secondary Education

GONZAGA

BS in Agriculture BS in Elementary Education BS in Secondary Education BS in Hospitality Industry Management BS in Information Technology BS in Criminology BS in Business Administration BS in Accounting Technology

PIAT

Bachelor of Elementary Education Bachelor of Secondary Education Bachelor of Science in Criminology Bachelor of Science in Police Administration Bachelor of Science in Information Technology Bachelor of Science in Agriculture Associate in Veterinary Technology

CARIG

Doctor of Medicine Doctor of Public Administration Doctor of Philosophy in Psychology Master of Science in Information Technology Master in Information Technology Master of Public Administration Master of Arts in Physical Education Master of Arts in Psychology Master of Arts in Guidance and Counseling **BS in Civil Engineering** BS in Electrical Engineering BS in Electronics and Communication Engr. BS in Chemical Engineering BS in Computer Engineering BS in Agricultural Engineering Doctor of Veterinary Medicine AB in Public Administration Bachelor of Physical Education BS in Biology BS in Physics BS in Chemistry BS in Environmental Science **BS in Mathematics** BS in Psychology BS in Guidance and Counseling AB in Economics AB in Mass Communication AB in Political Science AB in English BS in Industrial and Commercial Communication BS in Information Technology BS in Information Technology Major in: Animation Game Development BS in Computer Science **BS in Multimedia Arts** BS in Industrial Technology

LAL-LO

Bachelor of Secondary Education Bachelor of Elementary Education BS in Information Technology BS in Hospitality Industry Management AB in Political Science BS in Agriculture Diploma of Agricultural Technology Bachelor of Agricultural Technology

CAGAYAN STATE UNIVERSITY

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