



ICFEC

2nd International Conference on
Food, Environment, and Culture

Building Sustainable Science through Inclusive Global Inquiry

H.
Ambassador



BENGUET STATE UNIVERSITY
ANNUAL REPORT | 2019



VISION

A PREMIER UNIVERSITY
delivering world-class
education that promotes
sustainable development
amidst climate change

MISSION

To provide quality education
to enhance food security,
sustainable communities,
industry innovation, climate
resilience, gender equality,
institutional development and
partnerships

GOALS AND OBJECTIVES

Goal I. To develop proactive programs to ensure relevant quality education

Objectives:

- 1.To benchmark curricular and co-curricular programs with national and international standards
- 2.To develop alternative learning experiences to enhance skills that match industry needs
- 3.To develop innovative and relevant curricular and co-curricular programs
- 4.To enhance proactive student welfare and development programs

Goal II. To develop proactive programs for quality service

Objectives:

- 1.To enhance relevant human resource development programs
- 2.To develop effective and efficient innovative platforms for cascading information
- 3.To enhance and develop employee welfare programs

Goal III. To enhance responsive systems and procedures for transparent institutional development

Objectives:

- 1.To enhance and develop innovative financial management systems
- 2.To ensure transparency in all transactions in the university
- 3.To ensure inclusive and consultative decision making

Goal IV. To develop relevant and gender sensitive research and extension programs for institutional development, sustainable communities, climate resilience, industry innovation, and partnerships

Objectives:

1. To develop relevant multimedia tools in disseminating technology, knowledge and information generated from RDE programs
2. To develop relevant RDE activities that will address current problems and support cultural advocacy
3. To partner with strategic local, regional, national and international entities

Goal V. To strengthen and expand public-private partnership

Objectives:

1. Sustain and pursue functional University-relation with the alumni and other organizations both in the government and non-government entities
2. To strengthen the linkage among academe, industries, LGUs and community

CORE VALUES

Student-centered
Leadership
Integrity
Diversity
Efficiency
Service

QUALITY POLICY

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



Republic of the Philippines
Benguet State University
2601 La Trinidad, Benguet
www.bsu.edu.ph

Office of the University President

HIS EXCELLENCY RODRIGO ROA DUTERTE

President
Republic of the Philippines
Malacañan Palace, Manila

Dear Mr. President,

This is to submit the Benguet State University 2019 Annual Report.

The report highlights significant achievements of the University in the various offices, colleges and institutes under the sectors of Academic Affairs, Research and Extension, Administration and Finance, Business Affairs and offices under the President.

We are grateful for all your support to the University as we continue to deliver world-class education and quality service.

Sincerely yours,


FELICIANO G. CALORA, JR.
University President

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EXECUTIVE SUMMARY

The year 2019 proves to be fruitful for Benguet State University as the sectors- Academic Affairs, Research and Extension, Administration and Finance and Business Affairs achieved several accomplishments. These accomplishments were realized thru the collective efforts of the University stakeholders.

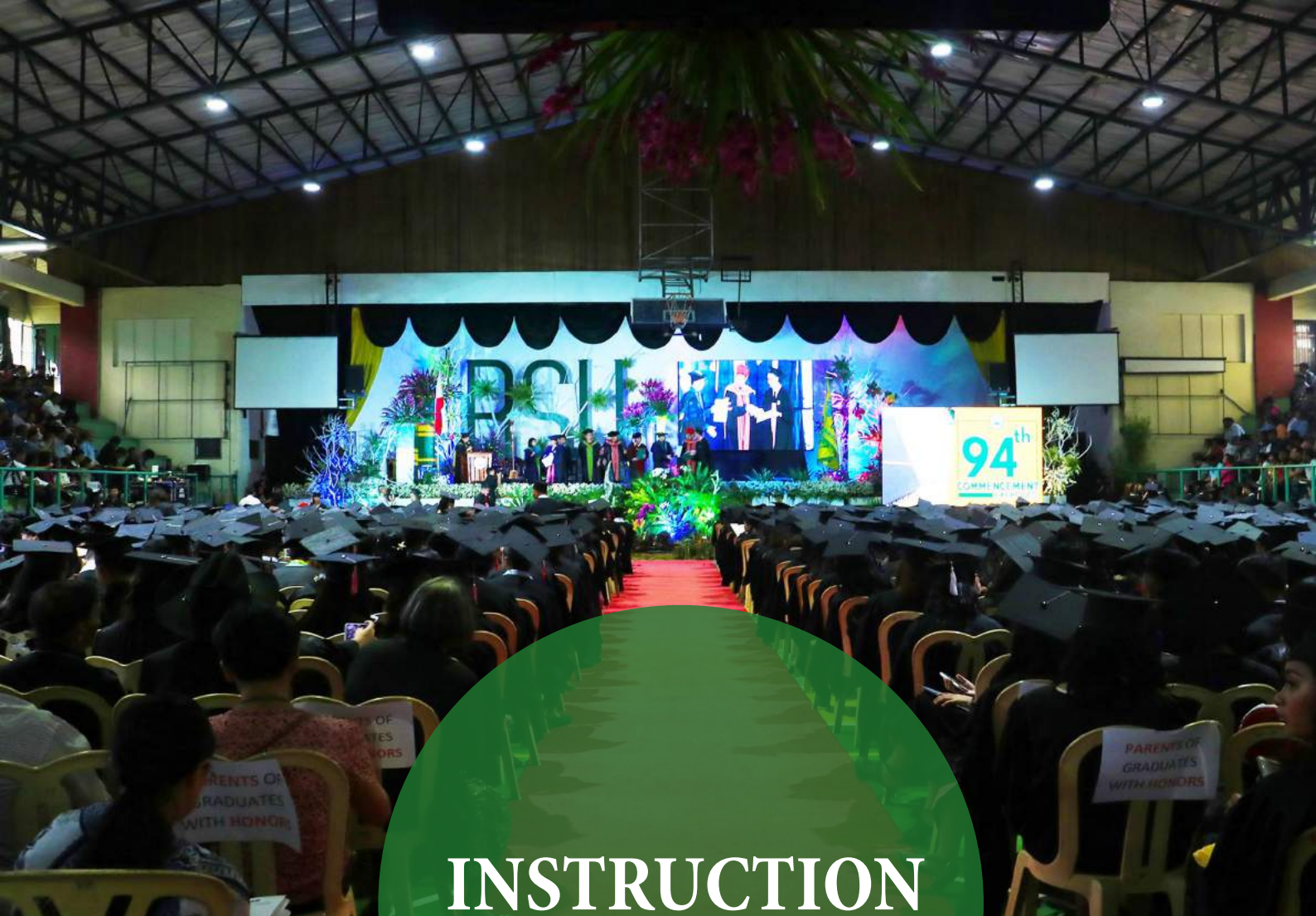
Fourteen (14) degree programs offered by the University have underwent Survey Visits by teams from the Accrediting Agency of Chartered Colleges and Universities in the Philippines (AACCUP), Inc during the year. The AACCUP also assessed four (4) degree programs for Phase 2 evaluation of the 4th Survey Visit. At the moment, a total of 53 programs offered by the University have undergone accreditation. Seven (7), twenty-six (26), sixteen (16) and four (4) are of Level I, Level II, Level III, and Level IV status, respectively. In addition, nine(9) degree programs of the University were awarded with a Certification of Program Compliance (CoPC) by the Commission on Higher Education (CHED) during the year. A total of 23 programs offered by the University already now have COPCs. During the year, a total of twenty (20) International students were enrolled in various programs of the University. Two (2) are enrolled in Doctorate degrees, eight (8) in Masters degrees and ten (10) in Baccalaureate degrees. Students of the University earned various awards in various international, national, regional and local academic, skills and athletic competitions. The University produced 1,887 graduates during the year: 102 for the 1st semester SY 2018-2019; 1,697 for the 2nd semester SY 2018-2019, and 88 for the Midyear Term of 2019. About 93% (1,757) are graduates from the La Trinidad Campus. Bokod and Buguias Campuses produced 67 and 63 graduates, respectively. BSU ranked top 2 performing school nationwide in the Librarian Licensure examination and top 3 in the Nursing Licensure Examination. Thirty-four(34) faculty members and academic sector staff availed of scholarships to pursue advance studies. A great majority (25) are scholars under the CHED K to 12 Transition Program. Faculty members also won in various research and athletic competitions. Internationalization activities include participation in the Project Antena, various MOA with foreign universities and student and faculty mobility.

For research, a total of 41 research articles were published in international and national peer reviewed refereed journals. Of the total number, 34% was published in international journals while 66% was published in national journals. Furthermore, a total of 104 research papers were presented by BSU researchers to international, national, and regional conferences. During the Agency In-House Review, a total of 205 BSU researches were evaluated. Of the total number, 28% were presented as completed researches, 35% were presented as ongoing researches and 37% were proposals. For outside funding, the University was able to generate more than Php54 M pesos. BSU researchers were recognized in international, national, regional and institutional/local RDE activities conducted within and outside BSU. Thru the BSU Intellectual Property Rights Office (IPRO), 39 research outputs/technologies for Utility Model application to the Bureau of Patents, Intellectual Property Office Philippines while 152 creations/compositions in the form of instructional materials, manuals, books, journals and other creative

works were submitted to the National Library of the Philippines. A total of 96 publications were registered for ISBN and ISSN. For extension activities, a total of 122 seminars/trainings/writeshops/information dissemination activities were conducted by the various research centers, institutes, and colleges of the university with 8,065 participants. For awards, Dr. Carlito P. Laurean was awarded as the Pantas Awardee for Most Outstanding Research Administrator by the Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development (PCAARRD).

The University sustained its ISO 9001:2015 or the Quality Management System while the Business Affairs underwent series of workshops for the application to ISO 55001:2014 or the Assets Management System. For physical facilities, a total of 16 infrastructures projects were completed and two are still on-going. For financial transactions, the University marked 50-94% utilization rate of various funds. Lastly, internally generated projects yielded a net income of 9, 910,767.13.

As for the Offices under the President, these offices continuously support the operations of the University. The BSU Land Use Plan was already approved by the Board of Regents as facilitated by the Planning and Development Office, The ISO 9001:2015 re-certification and the ongoing workshops of the ISO 55001:2014 for the Business Affairs and the various accreditations were supervised by the OQAA office. Meanwhile, the UPAO has been strengthening the presence of the University thru various platforms. The OUBS facilitates all meetings of the BOR, Administrative and Academic Councils. On the other hand, the Legal Office and the Internal Audit Services Office monitor and continuously perform their tasks of ensuring the integrity of the University. The Gender and Development Office has been pioneering programs to uplift the awareness and practice of gender sensitivity of employees and students.



CURRICULUM AND INSTRUCTION

A. Degree Programs and Short Courses

The University offers a total of 75 degree programs in its three campuses. La Trinidad campus has 25 Bachelor's degree, 37 Masteral and 7 Doctorate programs; Bokod campus has 4 Bachelor's degree programs; and Buguias campus has 5 Bachelor's degree programs offered.

In addition, the University offers 6 post-baccalaureate programs at La Trinidad campus.

COLLEGE OF AGRICULTURE

Doctor of Philosophy in:

Agronomy
Horticulture
Rural Development

Master of Science in:

Agricultural Economics
Agronomy
Animal Science
Entomology
Horticulture
Plant Pathology
Rural Development
Soil Science

Bachelor of Science in:

Agriculture
Agribusiness
Development
Communication



COLLEGE OF ARTS AND SCIENCES

Doctor of Philosophy in:

Language – English Language
Language – Filipino Language
Science Education: Biology

Master of Science in:

Biology
Environmental Science

Master of Arts in:

Applied Statistics
Chemistry
English as a Second Language
Filipino
General Science
Mathematics
Physics
Social Studies

Bachelor of Science in:

Environmental Science
Statistics

Bachelor of Arts in:

Communication
English Language
Filipino Language



COLLEGE OF FORESTRY

Master of Science in:

Forestry

Bachelor of Science in:

Forestry



COLLEGE OF ENGINEERING AND APPLIED TECHNOLOGY

Bachelor of Science in:

Agricultural
and Biosystems
Engineering



COLLEGE OF HOME ECONOMICS AND TECHNOLOGY

Master of Arts in:

Home Economics
Technology and
Home Economics

Bachelor of Science in:

Nutrition and Dietetics
Hospitality Management
Entrepreneurship



COLLEGE OF NURSING

Bachelor of Science in:

Nursing



**COLLEGE OF
TEACHER EDUCATION**
Doctor of Philosophy in:
Education Management

Master of Arts in:
Education
Guidance

Master in:
Library and Information
Science

Bachelor in:
Early Childhood Education
Elementary Education
Library and
Information Science
Physical Education
Secondary Education
Technology and
Livelihood Education

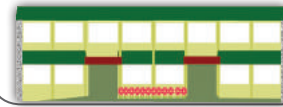


**COLLEGE OF
VETERINARY MEDICINE**
Doctor
of Veterinary Medicine



**INSTITUTE OF
INFORMATION
TECHNOLOGY**

Bachelor of Science in:
Information Technology



**INSTITUTE OF
PUBLIC ADMINISTRATION**

Master of Science in:
Public Administration

Diploma in:
Public Administration

Certificate in:
Public Administration

Bachelor of Science in:
Public Administration



**INSTITUTE OF
HUMAN KINETICS**
Master of Science in:
Physical Education
Diploma in:
Physical Education
Bachelor of Science in:
Exercise and Sports Science
Physical Education



OPEN UNIVERSITY

Masters in:
Community Development
Community and
Health Development
Development Communication
Cooperative Management
Human Resource Management
Urban Management
Non-Formal Education

Diploma in:
Training Management
Urban Management

Certificate in:
Organic Agriculture



BSU BOKOD

Bachelor of:
Elementary Education
Bachelor of Science in:
Industrial Technology
Technology and Livelihood
Education Technical-
Vocational Teacher
Education
(formerly BS Industrial
Education)



BSU BUGUIAS

Bachelor of:
Agricultural Technology
Elementary Education
Physical Education
Secondary Education
Technical-Vocational Teacher
Education (formerly B in
Technology Teacher Education)



INTERNATIONAL LANGUAGE CENTER

Special Program for English Language and Literature (SPELL) - a two-term program that provides opportunities for students to develop their cultural awareness, and critical thinking skills as they study English language and literature.

Intensive Functional English Language Program (IFELP) - One-month program designed to develop the reading, writing, listening, speaking and viewing skills of the learner.

English Language Proficiency for Individual Advancement (ELPIA)- one on one English tutorial that aims to advance the English language proficiency of the students in both spoken and written English.

Levels of Instruction:

- ELPIA 101- Emergent English Proficiency Course
- ELPIA 102- Intermediate English Proficiency Course
- ELPIA 103- Advanced English Proficiency Course

English for Academic Purposes-Training Course (EAP-TC) - a one- month English enhancement program conducted in coordination with the Office of the Student Services for Identified Expanded Student Grant-in-aid Programs for Poverty and Alleviation (ESGPPA) grantees.

B. Program Accreditation

Fourteen (14) degree programs has underwent Survey Visits by teams from the Accrediting Agency of Chartered Colleges and Universities in the Philippines (AACCUP), Inc during the year. The AACCUP also assessed four degree programs for Phase 2 evaluation of the 4th Survey Visit.

AUGUST 12-16, 2019

Programs (La Trinidad Campus):

1. BS AGRICULTURAL AND BIOSYSTEMS ENGINEERING

Status:

Level III. Passed the Phase 1 of two Phases of Evaluation in the 4th Survey Visit. Conduct Phase 2.

Validity:

September 1, 2019 – August 31, 2020

2. MS AGRICULTURAL ECONOMICS

Status:

Level III. Assessment on-going in Phase 1 of the 4th Survey Visit. Revisit areas I, III & VI

Validity:

September 2019 – August 2020

SEPTEMBER 2-4, 5-7, 2019

8. BS HOSPITALITY MANAGEMENT (HRM)
9. M LIBRARY AND INFORMATION SCIENCE

(Bokod Campus):

10. B ELEMENTARY EDUCATION
11. BS INDUSTRIAL EDUCATION
12. BS INDUSTRIAL TECHNOLOGY

(Buguias Campus):

13. B ELEMENTARY EDUCATION
14. B SECONDARY EDUCATION

Status:

Level I Accredited

Validity:

September 16, 2019 – September 15, 2020

SEPTEMBER 2, 2019

3. BS NUTRITION AND DIETETICS
4. DOCTOR OF VETERINARY MEDICINE
5. MS SOIL SCIENCE
6. MS RURAL DEVELOPMENT
7. PHD HORTICULTURE

Status:

Level III. Assessment on-going in Phase 1 of the 4th Survey Visit. Revisit areas I, III & VI

Validity:

October 2019 – September 2020

SEPTEMBER 21, 2019

(AACCUP BOARD ASSESSMENT)

(La Trinidad Campus):

15. BS NURSING

Status:

Level IV Re-accredited

Validity:

October 1, 2019 – September 30, 2023

DECEMBER 20, 2019

(AACCUP BOARD ASSESSMENT)

La Trinidad Campus):

16. B ELEMENTARY EDUCATION
17. B SECONDARY EDUCATION
18. MS ANIMAL SCIENCE

Status:

Level IV Re-accredited

Validity:

January 1, 2020 – December 31, 2024

A total of 53 programs being offered by the University have undergone accreditation. Seven (7), twenty-six (26), sixteen (16) and four (4) are of Level I, Level II, Level III, and Level IV status, respectively. The distribution by level of accreditation and academic level is presented in Figure 1.

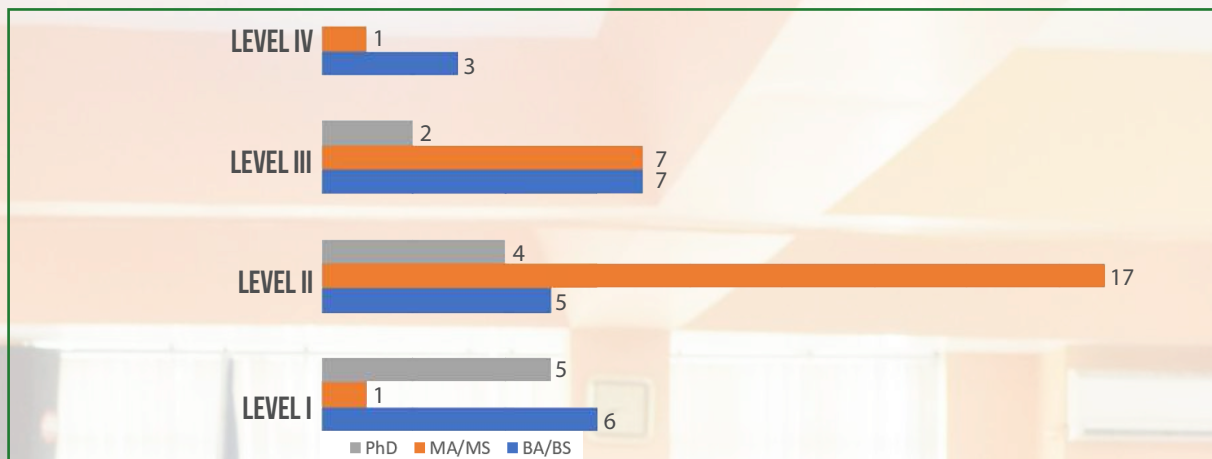


Figure 1. Distribution of accredited degree programs by level of accreditation and academic level

List of accreditation level of the various degree programs being offered by the University.

BSU La Trinidad

PhD in Agronomy	Level II valid until 2019-08
PhD in Horticulture	Level III valid until 2020-09
PhD in Rural Development	Level III valid until 2018-07
PhD in Language Education	Level II valid until 2019-08
PhD in Science Education - Biology	Level II valid until 2020-11
PhD in Educational Management	Level II valid until 2019-08
MS in Agricultural Economics	Level III valid until 2020-08
MS in Agronomy	Level III valid until 2019-12
MS in Animal Science	Level IV valid until 2024-12
MS in Entomology	Level III valid until 2019-12
MS in Horticulture	Level III valid until 2019-12
MS in Plant Pathology	Level III valid until 2019-12
MS in Rural Development	Level III valid until 2020-09
MS in Soil Science	Level III valid until 2020-09
MS in Agribusiness Management	Level II valid until 2019-11
MS in Biology	Level II valid until 2020-11
MA in Applied Statistics	Level II valid until 2020-11
MA in Chemistry	Level II valid until 2019-08
MA in English as a Second Language	Level II valid until 2019-08
MA in Filipino	Level II valid until 2019-08
MA in Physics	Level II valid until 2021-10
MA in General Science	Level II valid until 2021-10
MA in Mathematics	Level II valid until 2020-11
MA in Social Studies	Level II valid until 2019-08
MS in Forestry	Level II valid until 2021-10
MA in Home Economics	Level II valid until 2021-11
MA in Technology and Home Economics	Level II valid until 2021-11
MA in Guidance	Level II valid until 2019-08
Master in Library and Information Science	Level I valid until 2022-09
MA in Education	Level II valid until 2019-08
MS in Physical Education	Level II valid until 2021-10
Master in Public Administration	Level II valid until 2021-11
BS in Agriculture	Level III valid until 2020-05
BS in Agribusiness	Level III valid until 2018-09
BS in Development Communication	Level II valid until 2019-08
BS in Environmental Science	Level II valid until 2020-11
BS in Statistics (Applied Statistics)	Level III valid until 2021-07
BS in Information Technology	Level II valid until 2021-11
BS in Agricultural and Biosystems Engineering (Agricultural Engineering)	Level III valid until 2020-08
BS in Forestry	Level III valid until 2019-11

BS in Home Economics	<i>Level III valid until 2018-09</i>
BS in Hospitality Management (Hotel and Restaurant Management)	<i>Level I valid until 2022-09</i>
BS in Nutrition and Dietetics	<i>Level III valid until 2020-09</i>
BS in Entrepreneurship (Entrepreneurial Technology)	<i>Level II valid until 2021-10</i>
BS in Nursing	<i>Level IV valid until 2023-09</i>
Bachelor in Elementary Education	<i>Level IV valid until 2024-12</i>
Bachelor in Secondary Education	<i>Level III valid until 2024-12</i>
Bachelor of Library and Information Systems	<i>Level II valid until 2021-11</i>
Doctor of Veterinary Medicine	<i>Level III valid until 2020-09</i>

BSU Bokod

Bachelor in Elementary Education	<i>Level I valid until 2022-09</i>
BS in Industrial Education	<i>Level I valid until 2022-09</i>
BS in Industrial Technology	<i>Level I valid until 2022-09</i>

BSU Buguias

Bachelor in Elementary Education	<i>Level I valid until 2022-09</i>
Bachelor in Secondary Education	<i>Level I valid until 2022-09</i>

C. Program Certification

Eight degree programs of the University were awarded with a Certification of Program Compliance (CoPC) by the Commission on Higher Education (CHED) during the first half of the year. A total of 22 programs offered by the University have CoPC.

BSU La Trinidad

Master in Library and Information Science	issued May 8, 2013
MS in Environmental Science	CoPC No. 008, Series of 2016 issued October 27, 2016
Bachelor of Elementary Education	CoPC No. 005, Series of 2017 issued March 10, 2017
Bachelor of Library and Information Science	CHED CAR Order No. 38, Series of 2019 issued April 6, 2019
Bachelor of Physical Education major in School Physical Education and Sports and Wellness Management Program	CHED CAR Order No. 01, Series of 2019 issued January 29, 2019
Bachelor of Public Administration	CHED CAR Order No. 08, Series of 2019 February 27, 2019
Bachelor of Secondary Education	CoPC No. 006, Series of 2017
BA in Communication	CoPC No. 009, Series of 2018 April 16, 2018
BA in English Language	CoPC No. 001, Series of 2018 January 18, 2018
BA in Filipino Language	CoPC No. 001, Series of 2018 January 18, 2018
BS in Agribusiness	CoPC No. 008, Series of 2018 January 18, 2018
BS in Agricultural and Biosystems Engineering	CoPC No. 002, Series of 2017 March 10, 2017
BS in Agriculture	CoPC No. 004, Series of 2017 March 10, 2017
BS in Development Communication	CoPC No. 013, Series of 2018 September 25, 2018
BS in Entrepreneurship	CHED CAR Order No. 40, Series of 2019 June 11, 2019
BS in Environmental Science	CHED CAR Order No. 10, Series of 2019 February 27, 2019
BS in Forestry	CoPC No. 001, Series of 2017 March 10, 2017
BS in Hospitality Management	CHED CAR Order No. 09, Series of 2019 March 27, 2019
BS in Information Technology	CHED CAR Order No. 07, Series of 2019 February 27, 2019
BS in Nutrition and Dietetics	CoPC No. 003, Series of 2017 March 10, 2017
BS in Statistics	CHED CAR Order No. 11, Series of 2019 February 27, 2019
Doctor of Veterinary Medicine	CoPC No. 007, Series of 2017 March 14, 2017

STUDENTS

A. Enrolment

The distribution of students by academic level and unit is presented in Figure 2 while the detailed number of enrollees per program is shown in Table 1.

The 7,731 students who enrolled during the second semester of SY 2018-2019 is 5.91 % lower than the number of enrollees during the previous semester (1st semester SY 2018-2019: 8,217). Majority of the students were from the College of Agriculture (19%), College of Teacher Education (19%), Graduate School (17%), and the College of Home Economics and Technology (8%).

For the Midyear Term, a total of 1,770 students enrolled. Majority of the students were from the College of Agriculture (25%), Graduate School (20%), and the College of Teacher Education (16%). For the 1st semester SY 2019-2020, there were a total of 8,089 enrollees, which is 4.63% higher than the previous terms. Just like the previous terms, majority of the students were from the College of Teacher Education (20%), College of Agriculture (18%), Graduate School (17%), and the College of Home Economics and Technology (7%).





Table 1. Number of Enrollees by Degree Program

		2 nd Sem 2018-2019	Midyear Term 2018-2019	1 st Sem 2019-2020
BSU La Trinidad: BACCALAUREATE				
	COLLEGE OF AGRICULTURE (CA)			
	Bachelor of Science in Agriculture (BSA)	970	369	970
	Bachelor of Science in Agribusiness (BSAB)	276	55	260
	Bachelor of Science in Development Communication (BSDC)	235	20	259
	Cross Enrollee	2	0	2
	Subtotal	1483	444	1491
	COLLEGE OF ARTS AND SCIENCES (CAS)			
	Bachelor of Arts in Communication	38	0	90
	Bachelor of Arts in English Language	49	0	102
	Bachelor of Arts in Filipino Language	38	2	85
	Bachelor of Science in Statistics (BSS)	179	1	71
	Bachelor of Science in Environmental Science (BSES)	104	19	100
	Cross Enrollee	0	4	0
	Subtotal	408	26	448
	COLLEGE OF ENGINEERING AND APPLIED TECHNOLOGY (CEAT)			
	Bachelor of Science in Agricultural and Biosystems Engineering (BSABE)	258	79	304
	Subtotal	258	79	304
	COLLEGE OF FORESTRY			
	Bachelor of Science in Forestry (BSF)	195	60	198
	Subtotal	195	60	198
	COLLEGE OF HOME ECONOMICS AND TECHNOLOGY (CHET)			
	Bachelor of Science in Home Economics (BSHE)	123	0	14
	Bachelor of Science in Hospitality Management (BSHM)	183	40	217
	Bachelor of Science in Nutrition and Dietetics (BSND)	163	7	156
	Bachelor of Science in Entrepreneurship (BSEntrep)	141	6	174
	Cross Enrollee	1	2	0
	Subtotal	661	55	561
	COLLEGE OF NURSING			
	Bachelor of Science in Nursing (BSN)	233	157	273
	Subtotal	233	157	273
	COLLEGE OF TEACHER EDUCATION (CTE)			
	Bachelor of Early Childhood Education (BECEd)	39	8	86
	Bachelor of Elementary Education (BEE)	431	67	336
	Bachelor of Library and Information Science (BLIS)	80	18	81
	Bachelor of Physical Education (BPE)	42	49	97
	Bachelor of Secondary Education (BSE)	709	81	673
	Bachelor of Technology and Livelihood Education (BTLEd)	56	61	176
	Cross Enrollee	3	4	1
	Professional Education	99	0	119
	Subtotal	1360	288	1500
	Subtotal (with prof ed)	1459	288	1619
	COLLEGE OF VETERINARY MEDICINE			
	Doctor of Veterinary Medicine	381	161	416
	Cross Enrollee	0	2	0
	Subtotal	381	163	416
	INSTITUTE OF HUMAN KINETICS (IHK)			
	Bachelor of Physical Education (BPE)	116	24	121
	Bachelor of Science in Exercise and Sports Sciences (BSESS)	55	4	121
	Subtotal	171	28	173
	INSTITUTE OF INFORMATION TECHNOLOGY (IIT)			
	Bachelor of Science in Information Technology (BSIT)	150	9	187
	Subtotal	150	9	187
	INSTITUTE OF PUBLIC ADMINISTRATION (IPA)			
	Bachelor in Public Administration (BPA)	272	51	231
	Cross Enrollee	0	3	1
	Subtotal	272	54	232
	OTHERS			
	ROTC Cross Enrollee	5	0	1
	Subtotal	5	0	1
	Total	5527	1363	5784
	Total (with prof ed)	5626	1363	5903

Table 1. Continued...

	2 nd Sem 2018-2019	Midyear Term 2018-2019	1 st Sem 2019-2020
BSU La Trinidad: POST BACCALAUREATE			
 GRADUATE SCHOOL			
Diploma in Physical Education (DPE)	8	0	12
Diploma in Public Administration (DPA)	0	3	0
Certificate in Public Administration (CPAd)	2	0	9
Subtotal	10	3	21
 OPEN UNIVERSITY			
Diploma in Urban Management (DUM)	3	0	1
Subtotal	3	0	1
Total (GS+OU)	13	3	22
BSU La Trinidad: MASTERS			
GRADUATE SCHOOL			
MS Agribusiness Management	11	4	14
MS Agricultural Economics	7	1	7
MS Agronomy (MS Agro)	19	4	17
MS Animal Science (MS AnSci)	8	0	14
MS Entomology	14	3	13
MS Horticulture (MS Horti)	27	7	28
MS Plant Pathology (MS PP)	23	2	17
MS Rural Development (MS RD)	7	1	17
MS Soil Science	21	6	21
MA Applied Statistics (MA AS)	33	7	37
MA Chemistry (MA Chem)	12	5	9
MA English as a Second Language (MA ESL)	109	36	109
MA Filipino (MA Fil)	56	12	65
MA General Science (MA Gsci)	51	15	48
MA Mathematics (MA Math)	52	24	69
MA Physics (MA Phys)	23	10	21
MA Social Studies (MA SS)	68	8	61
MS Biology (MS Bio)	30	10	37
MS Environmental Science (MSES)	4	0	6
MS Forestry	35	1	40
MA Home Economics	36	1	47
MA Technology and Home Economics	23	2	28
M Library and Information Science (MLIS)	17	0	15
MA Education (MA Ed)	152	29	160
MA Guidance (MA G)	54	4	59
MS Physical Education	45	7	54
M Public Administration (MPA)	125	49	126
Total	1062	248	1139
OPEN UNIVERSITY			
M Human Resource Management	85	15	86
M Community Development	58	18	62
M Development Communication	57	19	51
M Urban Management	25	3	29
M Non-Formal Education	2	0	9
M Community Health Development	54	3	61
M Cooperative Management	6	4	6
Total	285	58	305
Total (GS+OU)	1347	306	1444
BSU La Trinidad: DOCTORAL			
GRADUATE SCHOOL			
PhD Educational Management (PhDEM)	111	35	95
PhD Language Education (PhDLE)	16	1	15
PhD Language – English	50	22	55
PhD Language – Filipino	28	10	29
PhD Rural Development (PhDRD)	23	15	24
PhD Agronomy (PhD Agro)	1	0	1
PhD Science Education - Biology (PhDSE)	22	11	23
PhD Horticulture (PhD Horti)	6	4	6
Total	257	98	248
GRAND TOTAL	7144	1770	7477
GRAND TOTAL (with prof ed)	7243	1770	7672

Table 1. Continued...		2 nd Sem 2018-2019	Midyear Term 2018-2019	1 st Sem 2019-2020
 Bokod Campus: BACCALAUREATE Bachelor of Elementary Education Bachelor of Technology and Livelihood Education (BTLEd) Bachelor of Technical-Vocational Teacher Education (BTVTEd) Bachelor of Science in Industrial Technology Prof Education GRAND TOTAL GRAND TOTAL (with Prof Ed)				
		40	0	14
		2	0	7
		79	0	75
		63	0	68
		0	0	5
		184	0	164
		184	0	169
 Buguias Campus: BACCALAUREATE Bachelor of Agricultural Technology Bachelor of Technical-Vocational Teacher Education (BTVTEd) B Elementary Education B Physical Education B Secondary Education Prof Education Units GRAND TOTAL GRAND TOTAL (with Prof Ed)				
		21	0	27
		118	0	106
		55	0	45
		24	0	32
		86	0	73
		0	0	20
		304	0	283
		304	0	303
GRAND TOTAL (ALL CAMPUSES)		7731	1770	8084

During the year, a total of twenty (20) International students were enrolled in various programs of the University. Two (2) were enrolled in Doctoral programs, eight (8) in Masters programs and ten (10) in Undergraduate Programs. The list of International students enrolled for second semester is shown in Table 2.

Table 2. List of foreign students in 2019	
BACCALAUREATE	
ADDOH, Kwane Asamoah Manu	male from Ghana, BS Entrep
GYEMANG, Jacqueline	female from Ghana, BS Nutrition and Dietetics
ALMOAH, Modester Ghana,	female from Ghana, BS Development Communication
GUTERRES, Nelson,	male from Timor Leste, BS Applied Statistics
IBEZIMAKO, Ifeanyi Stanley,	male from Nigeria, BS Information Technology
LIM, Min-Sub,	male from South Korea CVM DVM M
NABUS, Cheyenne Santiago	female from USA, BS Nursing
OPOKU-AGYEMANG, Clifford	male from Ghana, BS Agribusiness
OSEI, Nana Akua Serwaa Kyeretwei	female from Ghana, BS Nursing
SAEDARN, Jinnicha	female from Thailand, Doctor of Veterinary Medicine
MASTERAL	
BACK, Eun Sook	female from South Korea, Master of Arts in Guidance
EMMANUEL, Samuel Hayatu	male from Nigeria, Master in Public Administration
HE, Yi Bo	male from South Korea, Master of Arts in Education
LEE, Min Jung	female from South Korea, Master of Arts in Education
MARYMI, Ahmed Abdullah Sali	male from Libya, Master of Science in Biology
MOON, Eun Hee	female from South Korea, Master of Arts in Education
SEOK, Ha Young	female from South Korea, Master of Arts in Guidance
OKADA, Masako	female from Japan, Master in Development
DOCTORATE	
KANG, Yeon Hee	female from South Korea, PhD Education Management
KUMI, Francis	male from Ghana, PhD Education Management

B. Student Awards

Students of the University earned various awards in various international, national, regional and local academic and athletic competitions.

Academics:

-Doctor of Veterinary Medicine students garnered the following awards during the 6th

Kannawidan Rodeo Festival held at Vigan City on February 7-9, 2019.

- 1st Place – Load Carrying (women)
- 2nd Place – Bull Whip Free Style (women)
- 3rd Place – Carambola (women)
- 3rd Place – Load Carrying (men)
- 4th Place – Casting Down (men)
- 4th Place – Casting Down (women)

-BACUSO, Willier, TULIC, Anabelle, LANGBIS, Nataniel, and LOPEZ, Renchel Kaye from the College of Forestry placed Overall 2nd runner-up during the National Forestry Olympiad (NFO) held at the University of the Philippines, Los Baños, Laguna on February 18-22, 2019.

-LINGALING, Myra Nieves T. from the College of Forestry received the Best Research Paper Award for the paper "Risk Projection of a 7.8 Magnitude Earthquake in Benguet Province and Baguio City Using Rapid Earthquake Damage Assessment System (REDAS) Program during the 4th Global Research and Education Conference (GRAEC 2019) held on May 19, 2019 at Tagbilaran City, Bohol.

-TUMBAGA, Cyrene Kate and WAG-EYEN, Amie Rhea from the College of Nursing garnered 2nd Place in their Poster Presentation "Knowledge and Practice of BSU Nurse Learner Blood Donors" & "Awareness and Application of Psychological First Aid Among Emergency Responders in La Trinidad, Benguet and Baguio City" during the 2nd Biennial International Conference on Nursing Education, Practice and Research held at Cebu City on August 2-3, 2019.

-BAYER, Derek and PARIAN, Christine from the College of Forestry received the Best Paper Award (Forestry Category) for the Paper "Effects of Atmospheric Correction and Pansharpening of Landsat 8 OLI & TIRS on AGB Estimation Accuracy" during the International Conference on Food, Environment and Culture held at Crown Legacy Hotel, Baguio City on November 26-29, 2019.

Athletics:

-Northwestern University Dual Meet held at Laoag, Ilocos Norte on February 13-15, 2019

1st Place – Sepak Takraw
1st Place – Volleyball (men)
1st Place – Football (men)

-North Luzon Kickboxing Alliance Competition held at Baguio City on March 30-31, 2019

AGUINALDO, Lily May
BALIWAG, Stavy
CHENGAY, Labfas Alce
TUDLONG, Josh 1st Place
MATAAG, Gil Allan 2nd Place

-Arnis Varsity Team of the University garnered awards during the 110th Baguio Day Charter National Arnis Championship held at Baguio City on September 27-29, 2019.

BENIASSEN, Jemry 1st Place
DOTI, Erica 2nd Place
TAYLAN, Jefferson
VILLANUEVA, Vivian
BALDAZAN, Kate 3rd Place
DUPING, Dianne
FALYAO, Jeddahlyn
GALBIN, Sergio
MULLOZ, Jelly
SUMENSIN, Dan
WAYAN, Reyjan

-The University was the Overall Champion during the Cordillera Administrative Region Association of State Universities and Colleges (CARASUC) Athletic Meet held at ASIST, Bangued, Abra on November 24-29, 2019

Others:

-BIADO, Kimberlee C. from the College of Home Economics and Technology was awarded as Outstanding Nutrition Dietetics Student during the Philippine Association of Nutrition Convention held at Clark, Pampanga on July 11, 2019

-BANGCO-OG, Brendon B. (Doctor of Veterinary Medicine), BAY-AN, Kenjo Ernesto S. (Bachelor of Secondary Education) and TUGBO, Gabriel S. (Bachelor of Public Administration) were among those who were awarded as Ten Outstanding Student of the Philippines – Cordillera Administrative Region on July 15, 2019 at the Hotel Supreme, Baguio City.

-Bachelor of Science in Human Resource Management students from the College of Home Economics and Technology garnered awards during the 15th Hotel, Restaurant and Tourism Weekend held at Baguio Country Club on October 10-12, 2019.

LAZA, Niko A. (BSHRM) 2nd Place, Napkin Folding
MADARANG, Carlo J. (BSHRM) 3rd Place, Flairtending-Individual
ABITRIA, Joshua (BSHM) 3rd Place, Cocktail Mixing
DANGATAN, Maritess (BSHRM) 3rd Place, Floral Bouquet
ANIBAN, Sheena Mae C. (BSHM) 3rd Place, Flower Centerpiece Design



The TOSP-CAR awardees from BSU with their guardians, dean/director, Vice President for Academic Affairs and TOSP Alumni during the Awarding Ceremony

C. Student Scholarship and RA 10931 Implementation

There were 5,608, 1,316 and 5,674 students of the University who benefitted from the Universal Access to Quality Tertiary Education Act (RA 10931) during AY 2019. The distribution of beneficiaries by campus is shown in Figure 3.

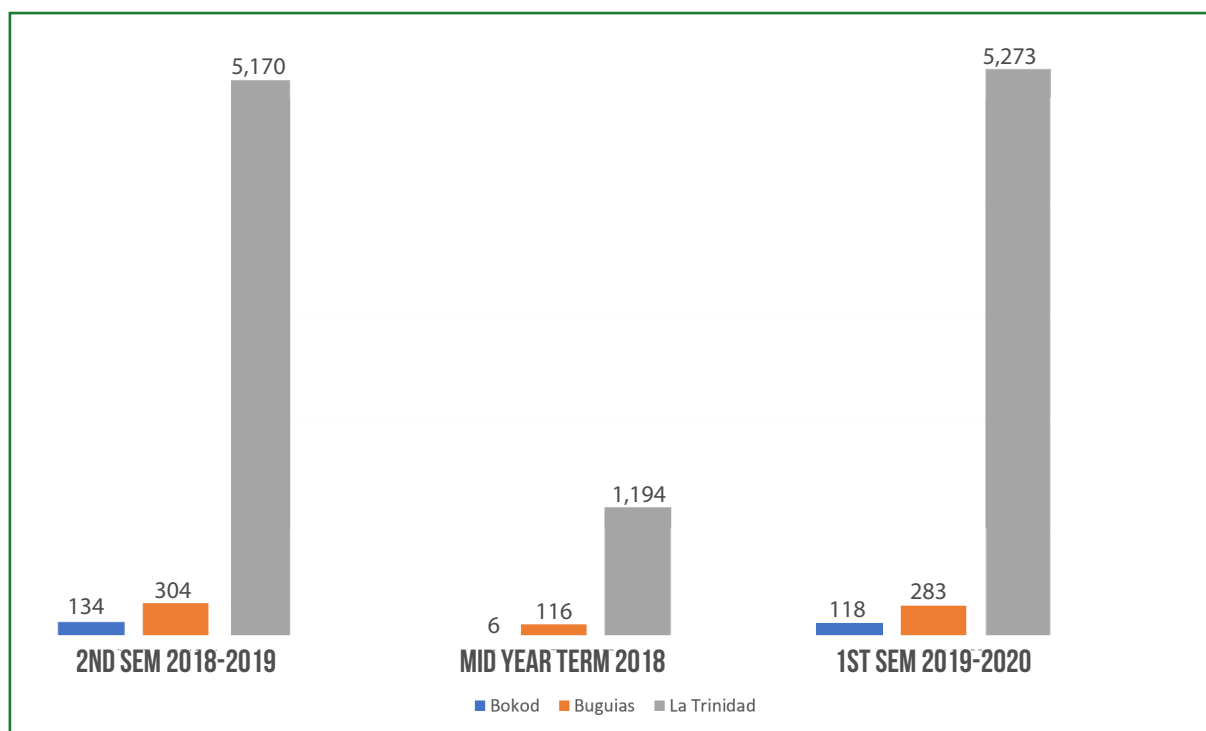


Figure 3. Distribution of RA 10931 beneficiaries by campus

In addition to the RA 10931, the University offers various scholarships and grants with a total of 642 grantees. Majority are beneficiaries of scholarships and grants from other government agencies (Figure 4).

D. Student Development

Students, with the support of the University, were involved in various seminars/trainings conducted both outside and within the University. A total of 109 activities were attended to by students (Figure 5).

E. Student Mobility

Two batches of SEA Teachers were accommodated by the University from January 9, 2019 to February 1, 2019 and August 16, 2019 to September 12, 2019. There were a total of seventeen (17) pre-service interns, coming from six (6) universities in Indonesia and one (1) university in Thailand that taught Physics, Economics, English and Biology (Table 3).

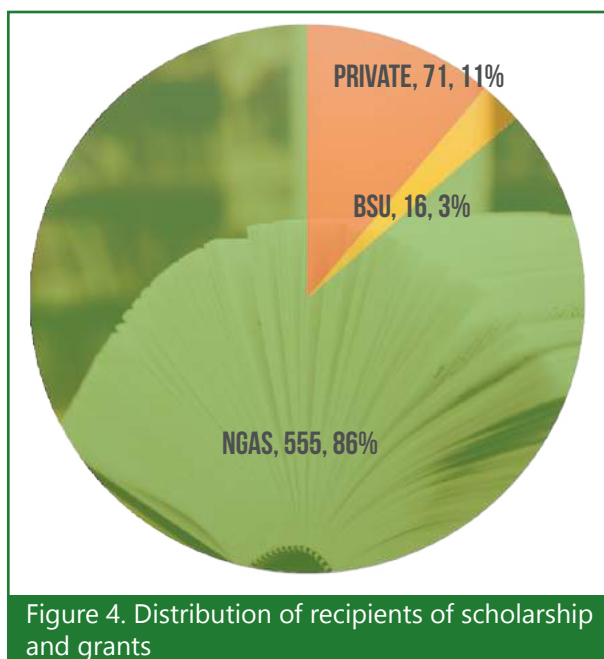


Figure 4. Distribution of recipients of scholarship and grants

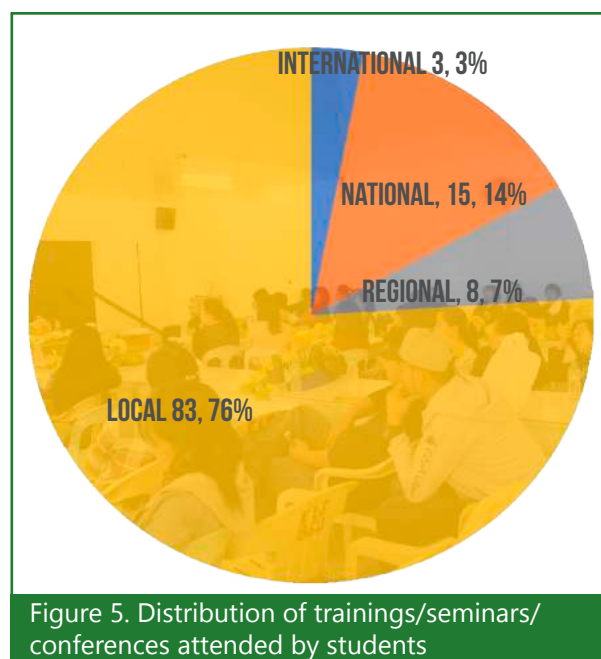


Figure 5. Distribution of trainings/seminars/conferences attended by students

Table 3. List of inbound SEA Teachers.

January 9, 2019 to February 1, 2019		
Khairun Nisa	Physics ¹ 4th year ²	University of Lampung ³
Agnevianty Vida Palupi	Economics ¹ 4th ²	Islamic University of Indonesia ³
Imam Taufiq	Primary School ¹ 3rd ²	Universitas Negeri Padang ³
Yunika Cahya	English ¹ 3rd ²	Islamic University of Indonesia ³
Fitri Kurnia Dewi	Physics ¹ 3rd ²	Universitas Ahmad Dahlan ³
Siti Aminah	English ¹ 3rd ²	Universitas Ahmad Dahlan ³
Nadia Ayu Rifani Putri	Economics ¹ 3rd ²	Universitas Negeri Padang ³
Intira Seethi	Biology ¹ 3rd ²	Chiang Rai Rajaphat University ³
Piyaphon Pinthong	Biology ¹ 3rd ²	Chiang Rai Rajaphat University ³
August 16, 2019 to September 12, 2019		
Amar Ma'ruf	Economic Education ¹ 4th ²	University of Lampung ³
Dyah Woro Sekarini Susilo	Biology Education ¹ 4th ²	University of Lampung ³
Febrina Ismulita	Physics Education ¹ 4th ²	University of Lampung ³
Vitria Purnama Sari	Economic Education ¹ 4th ²	Jambi University ³
Andi Abdurrahman Manggaberani	English Education ¹ 4th ²	Universitas Ahmad Dahlan ³
Rany Maylani	Early Childhood Education ¹ 4th ²	Universitas Ahmad Dahlan ³
Gagan Ganiya Aulia Rahman	Physics Education ¹ 4th ²	Universitas Ahmad Dahlan ³
Diah Ayu Rahmawati	Economics ¹ 4th ²	Universitas Muhammadiyah Ponogoro ³

¹Major/Field of Study/Subject Taught ² Year Level ³Sending University



SEA Teachers Send-off Program on February 1, 2019 at the Strawberry Hall (1st Batch)



SEA Teachers Send-off Program on September 10, 2019 at the RSDC Canteen (2nd Batch)

Nine BSU students participated in the said program. Two were deployed in Indonesia with specializations in Elementary Education and Social Studies and three (3) were deployed in Thailand with specialization in Elementary Education, Science and English.

Table 4. List of outbound SEA Teachers.

January 9, 2019
to February 1, 2019

Karen B. Tino	Elem. Educ ¹ 4th ² Preschool ³ Universitas Muhammadiyah Prof. Dr. Hamka (UHamka) Jakarta, Indonesia ⁴
Krizel A. Tanacio	Elem. Educ. ¹ 4th ² Primary ³ Universitas Tunas Pembangunan (UTP) Surakarta, Indonesia ⁴
Deborah T. Bugnay	Elem. Educ. ¹ 4th ² Primary ³ Universitas Tunas Pembangunan (UTP) Jakarta, Indonesia ⁴
Michelle A. Martin	BSE-English ¹ 4th ² English ³ Kon Kaen Univesity (KKU) ⁴
Christine Joy D. Pangilinan	Elem. Educ ¹ 4th ² Primary ³ Universitas Muhammadiyah Prof. Dr. Hamka (UHamka) Jakarta, Indonesia ⁴
Jenny D. Padeway	BSE – Social Studies ¹ 4th ² Social Studies/Economics ³ Universitas Muhammadiyah Prof. Dr. Hamka (UHamka) Jakarta, Indonesia ⁴

August 16, 2019
to September 12, 2019

Ishmael Wanawan	BEE Social Studies ¹ 4th ² Social Studies ³ Universitas Pendidikan Indonesia (UPI) ⁴
Christine M. Soriano	BEE ¹ 4th ² Primary ³ Universitas PGRI Semarang ⁴
Yena Joy Langgawit	BEE ¹ 4th ² Primary ³ Universitas PGRI Semarang ⁴

¹Major/Field of Study

²Year Level

³Subject Taught

⁴Receiving University



Ms. Deborah T. Bugnay (fourth from the left) with her fellow SEA Teachers assigned at UTP (left) and Ms. Michelle A. Martin during one of the classes she handled at KKU.



Mr. Ishmael Wanawan with his fellow SEA Teachers (left) assigned at Universitas Pendidikan



Ms. Christine M. Soriano and Ms. Yena Joy Langgawit at her host school, Universitas PGRI Semarang

F. Graduates

The University produced 1,887 graduates during the year: 102 for the 1st semester SY 2018-2019; 1,697 for the 2nd semester SY 2018-2019, and 88 for the Midyear Term of 2019. About 93% (1,757) are graduates from the La Trinidad Campus. Bokod and Buguias Campuses produced 67 and 63 graduates, respectively.

The colleges with the most number of graduates are the CTE (445), CA (373), and CHET (252). Among the graduates, 113 earned masteral degrees and 32 earned doctorate degrees. Mr. Daniel S. Balbin, Jr. the lone magna cum laude and 82 cum laude led the La Trinidad baccalaureate graduates during the Commencement Exercises that was held on June 19, 2019. Two and five cum laude led the graduates of Bokod and Buguias campuses, respectively.

The distribution of graduates by academic level and unit is presented in Figure 6 while the detailed number of graduates per program is shown in Table 5.

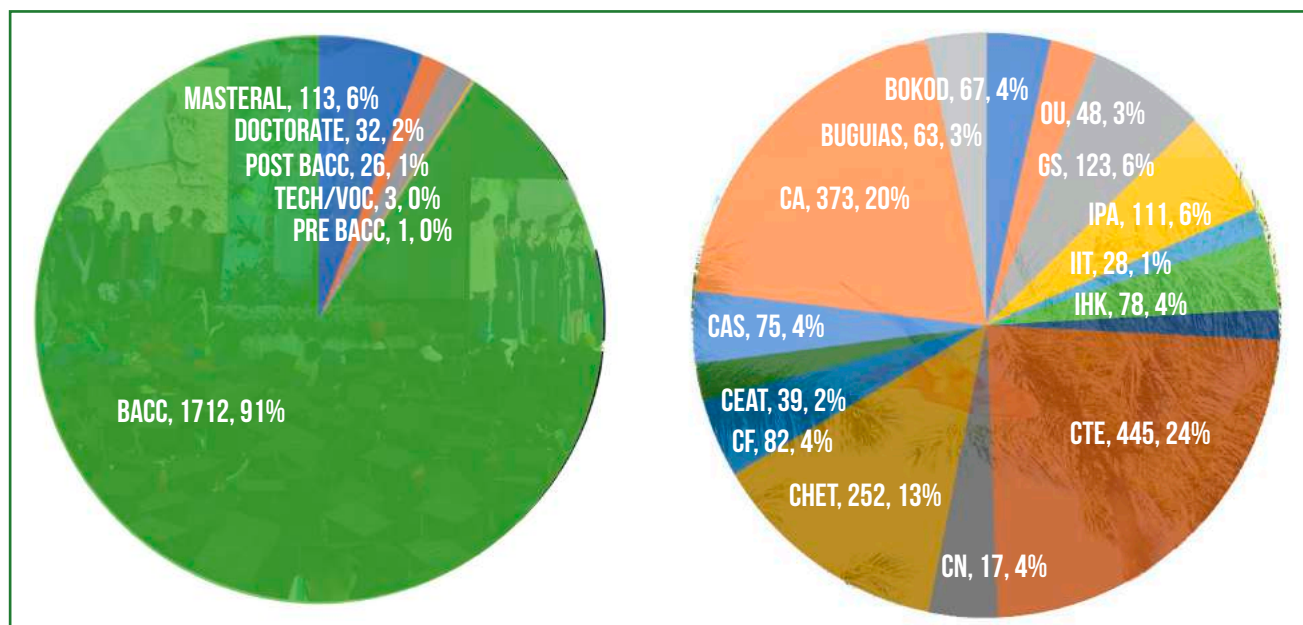


Figure 6. Distribution of graduates by academic level (left) and academic unit (right) for SY 2018-2019

Table 5. Number of graduates by degree program for 2019.	1 st Sem 2018-2019	2 nd Sem 2018-2019	Midyear 2018	Total
La Trinidad Campus: TECH/VOCATIONAL				
Basic Automotive Technology (BAT)	3	0	0	3
Total	3	0	0	3
PRE-BACCALAUREATE				
Associate in Entrepreneurial Technology (AET)	1	0	0	1
Total	1	0	0	1
BACCALAUREATE				
COLLEGE OF AGRICULTURE (CA)				
Bachelor of Science in Agriculture (BSA)	14	160	10	184
Bachelor of Science in Agribusiness (BSAB)	5	107	4	116
Bachelor of Science in Development Communication (BSDC)	3	69	1	73
Subtotal	22	336	15	373
COLLEGE OF ARTS AND SCIENCES (CAS)				
Bachelor of Science in Applied Statistics (BSAS)	0	39	0	39
Bachelor of Science in Environmental Science (BSES)	5	28	3	36
Subtotal	5	67	3	75
COLLEGE OF ENGINEERING AND APPLIED TECHNOLOGY (CEAT)				
Bachelor of Science in Agricultural Engineering (BSAEng)	2	33	1	36
Subtotal	2	33	1	36

Table 5. Continued...

	1 st Sem 2018-2019	2 nd Sem 2018-2019	Midyear 2018	Total
COLLEGE OF FORESTRY				
Bachelor of Science in Forestry (BSF)	15	57	10	72
Subtotal	15	57	10	72
COLLEGE OF HOME ECONOMICS AND TECHNOLOGY (CHET)				
Bachelor of Science in Entrepreneurial Technology (BSET)	1	66	5	72
Bachelor of Science in Home Economics (BSHE)	2	52	0	54
Bachelor of Science in Hotel and Restaurant Management (BSHRM)	0	66	2	62
Bachelor of Science in Nutrition and Dietetics (BSND)	2	56	5	63
Subtotal	5	234	12	251
COLLEGE OF NURSING				
Bachelor of Science in Nursing (BSN)	0	71	0	71
Subtotal	0	71	0	71
COLLEGE OF TEACHER EDUCATION (CTE)				
Bachelor of Elementary Education (BEE)	6	161	6	6
Bachelor of Library and Information Science (BLIS)	3	31	3	3
Bachelor of Secondary Education (BSE)	0	237	0	0
Subtotal	9	429	9	9
COLLEGE OF VETERINARY MEDICINE (CVM)				
Doctor of Veterinary Medicine	0	32	0	32
Subtotal	0	32	0	32
INSTITUTE OF HUMAN KINETICS (IHK)				
Bachelor of Physical Education (BPE)	11	67	0	78
Subtotal	11	67	0	78
INSTITUTE OF INFORMATION TECHNOLOGY (IIT)				
Bachelor of Science in Information Technology (BSIT)	0	28	0	28
Subtotal	0	28	0	28
INSTITUTE OF PUBLIC ADMINISTRATION (IPA)				
Bachelor in Public Administration (BPA)	0	108	3	111
Subtotal	0	108	3	111
TOTAL	69	1462	51	1582
POST BACCALAUREATE				
GRADUATE SCHOOL				
Diploma in Physical Education (DPE)	2	0	0	2
Diploma in Public Administration (DPA)	0	2	2	4
Subtotal	2	2	2	6
OPEN UNIVERSITY				
Diploma in Urban Management (DUM)	0	2	0	2
Certificate in Community Health Development (CCHD)	0	18	0	18
Subtotal	0	20	0	20
Total (GS+OU)	2	22	2	26
MASTERS				
GRADUATE SCHOOL				
M Library and Information Science (MLIS)	1	0	0	1
M Public Administration (MPA)	4	10	4	18
MA Applied Statistics (MA AS)	1	5	3	9
MA Chemistry (MA Chem)	0	0	1	1
MA Education (MA Ed)	1	6	1	8
MA English as a Second Language (MA ESL)	4	6	0	10
MA Filipino (MA Fil)	3	0	0	3
MA General Science (MA Gsci)	0	4	0	4
MA Guidance (MA G)	0	1	0	1
MA Home Economics	0	1	0	1
MA Mathematics (MA Math)	2	4	0	6
MA Physics (MA Phys)	0	0	1	1
MA Social Studies (MA SS)	0	5	0	5
MA Technology and Home Economics (MA THE)	2	0	0	2
MS Agribusiness Management (MS ABM)	0	1	0	1
MS Agricultural Economics (MS Ag Econ)	0	0	1	1
MS Animal Science (MS AnSci)	1	1	0	2
MS Biology (MS Bio)	0	2	0	2
MS Forestry (MSF)	0	1	0	2
MS Horticulture (MS Horti)	0	1	0	1
MS Physical Education (MSPE)	2	1	0	3
MS Plant Pathology (MS PP)	0	0	1	1
MS Soil Science	0	2	0	2
Subtotal	21	51	13	85

Table 5. Continued...	1 st Sem 2018-2019	2 nd Sem 2018-2019	Midyear 2018	Total
OPEN UNIVERSITY				
M Community Development	0	5	3	8
M Community Health Development	0	1	0	1
M Development Communication	1	5	2	8
M Human Resource Management	0	6	5	11
Subtotal	1	17	10	28
Total (GS+OU)	22	68	23	113
DOCTORAL				
PhD Educational Management (PhDEM)	3	10	6	19
PhD Language – English Language	0	4	1	5
PhD Language – Filipino Language	0	3	2	5
PhD Rural Development (PhDRD)	0	2	0	2
PhD Science Education - Biology (PhDSE)	0	0	1	1
Subtotal	3	19	10	32
TOTAL (BSU La Trinidad)	100	1571	86	1757
Bokod Campus : BACCALAUREATE				
B Elementary Education	0	22	0	22
BS Industrial Education	1	22	1	24
BS Industrial Technology	0	20	1	21
TOTAL	1	64	2	67
Buguias Campus BACCALAUREATE				
B Elementary Education	1	16	0	16
B Secondary Education	0	24	0	25
B Technology Teacher Education	0	16	0	16
BS Agricultural Education	0	6	0	6
TOTAL	1	62	0	63
GRAND TOTAL (All Campuses)	102	1697	88	1887

Three (3) foreign students completed the English Language Program for Individualized Advancement (ELPIA) and another three (3) completed the Special Program for English Language and Literature (SPELL) offered by International Language Center.

ELPIA:

1. KOU, Ling Yan	China	January 19 to March 20, 2019
2. BAWM, Yung	Myanmar	January 8 to April 25, 2019
3. YINGMIN, Xu	China	July 22 to August 9, 2019

SPELL:

1. KIM, Hyeong Hak	Korea	January 7-May 4, 2019
2. LEE, Jung Mi	Korea	January 7-May 4, 2019
3. YU, Jihye	Korea	January 7- May 4, 2019

G. Performance in Licensure Examination

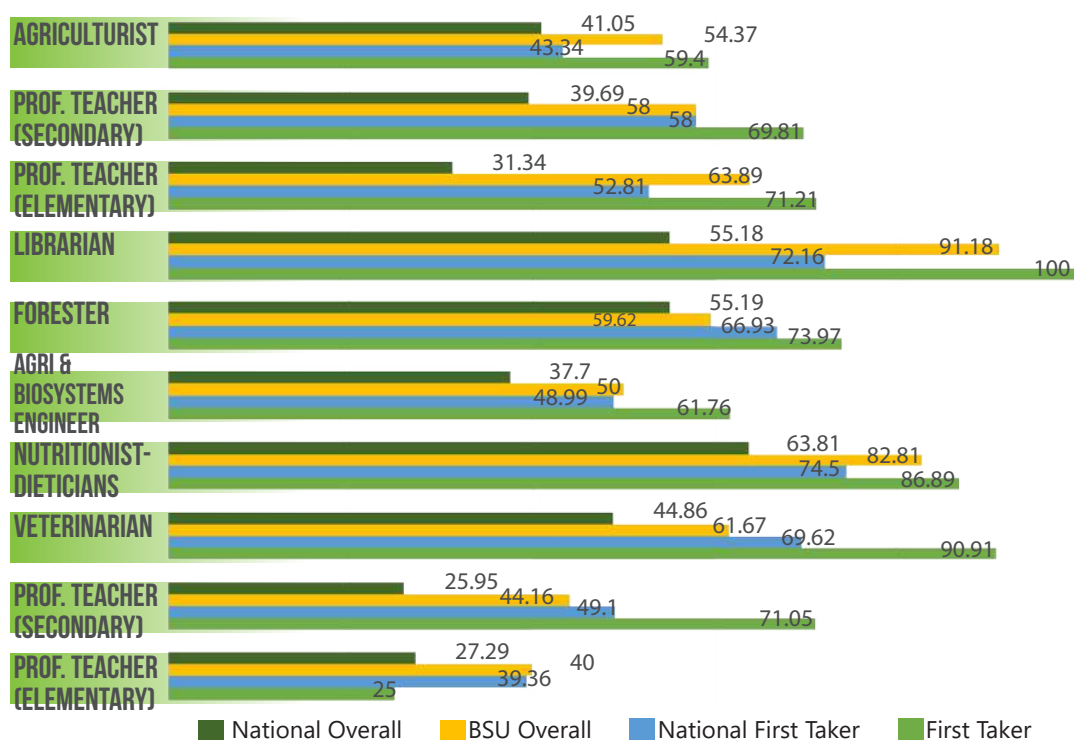
A very good performance was noted in majority of licensure examinations taken by the BSU graduates. BSU ranked 2nd performing school nationwide in Librarian Licensure examination and ranked 3rd in the Nursing Licensure Examination

The following are among the top 10 successful examinees in their respective licensure examinations:

BALBIN, Daniel S. - Rank 1
Librarian (September 23-25, 2019)

CARLOS, Chelle Charldren C. - Rank 6
Agriculturist (November 5, 6 & 7, 2019)

The comparison of the University's performance with the national performance is shown in Figure 7 and Table 6, while the comparison with the other SUCs in CAR is presented in Figure 8. In addition, Figures 9 and 10 show the University's first takers and overall performance in Licensure Examination from 2015 to 2019.



Note: BSU Performance in Prof Teacher includes results from the three campuses, and for Agriculturist from Buguias and La Trinidad.

Figure 7. Comparison of Benguet State University's performance with national performance in licensure examinations for 2019

Table 6. Performance of graduates in the different licensure examinations

Profession	Date of Examination	Campus	BENGUET STATE UNIVER SITY						NATIONAL	
			First Time Takers			Overall			First Time Takers (% Passers)	Overall (% Passers)
			Takers	Passers	% Passers	Takers	Passers	% Passers		
Agriculture, Forestry, Fisheries										
Agriculturist	Nov. 5-7, 2019	Buguias La Trinidad	266	158	59.40%	2 307	1 167	50.00% 54.40%	43.40%	41.05%
Forester	Sept.4-5, 2019	La Trinidad	73	54	73.97%	104	62	59.62%	66.93%	55.19%
Veterinarian	Aug. 14-16, '19	La Trinidad	33	30	90.91%	60	37	61.67%	69.92%	48.86%
Education, Science and Teacher Training										
Professional Teacher (Elem)	March 24, 2019	Bokod Buguias La Trinidad	6	1	16.67%	14	3	21.43%	39.36%	27.29%
			1	0	0.00%	17	5	39.36%		
			5	2	40.00%	94	42	44.68%		
Professional Teacher (Elem)	September 19, 2019	Bokod Buguias La Trinidad	21	14	66.67%	32	19	59.38%	52.81%	31.34%
			16	5	31.25%	26	9	34.62%		
			161	122	75.78%	194	133	68.56%		
Professional Teacher (Sec)	March 24, 2019	Bokod Buguias La Trinidad	2	1	50.00%	24	6	25.00%	49.10%	25.95%
			2	1	50.00%	21	4	19.05%		
			72	52	72.22%	152	77	50.66%		
Professional Teacher (Sec)	September 19, 2019	Bokod Buguias La Trinidad	24	10	41.67%	38	16	42.11%	58.25%	399.69%
			38	13	34.21%	58	14	24.14%		
			362	273	75.41%	446	285	63.90%		
Engineering, Technology and IT										
Agricultural and Biosystems Engineer	October 30-31, 2019	La Trinidad	34	21	61.76%	44	22	50.00%	48.99%	37.70%

Table 6. Continued...

Profession	Date of Examination	Campus	BENGUET STATE UNIVER SITY						NATIONAL	
			First Time Takers			Overall			First Time Takers (% Passers)	Overall (% Passers)
			Takers	Passers	% Passers	Takers	Passers	% Passers		
Medical and Allied										
Nutrition and Dietetics	August 18-19, 2019	La Trinidad	61	53	86.89%	44	22	74.50%	74.50%	63.81%
Nurse	Nov. 16-17, '19	La Trinidad	67	66	98.51%	67	66	98.51%	84.75%	55.20%
Other Fields										
Librarians	Sept. 10-11, '19	La Trinidad	27	27	100.00%	34	31	91.18%	72.16%	55.18%

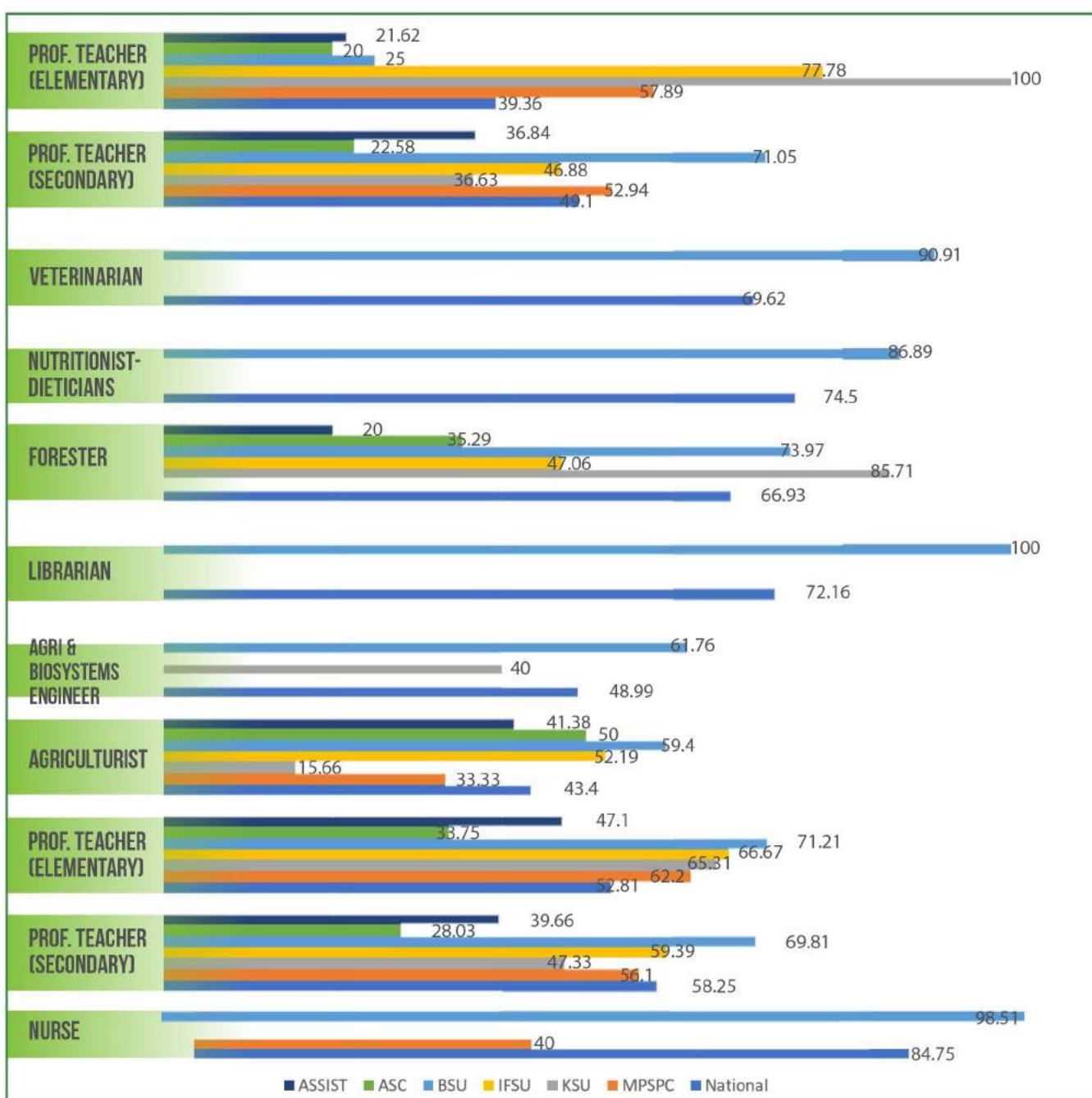


Figure 8. Comparison of Benguet State University's performance with other CAR SUCs in licensure examinations for 2019

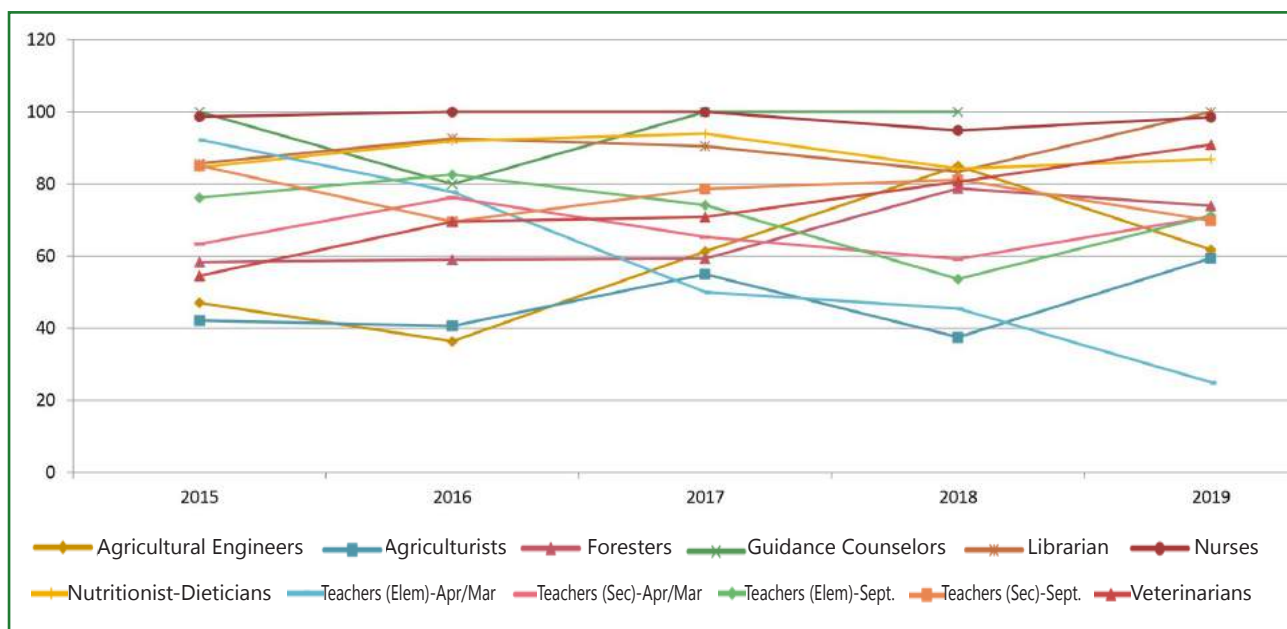


Figure 9. Benguet State University's first time takers' performance in licensure examinations for 2015-2019

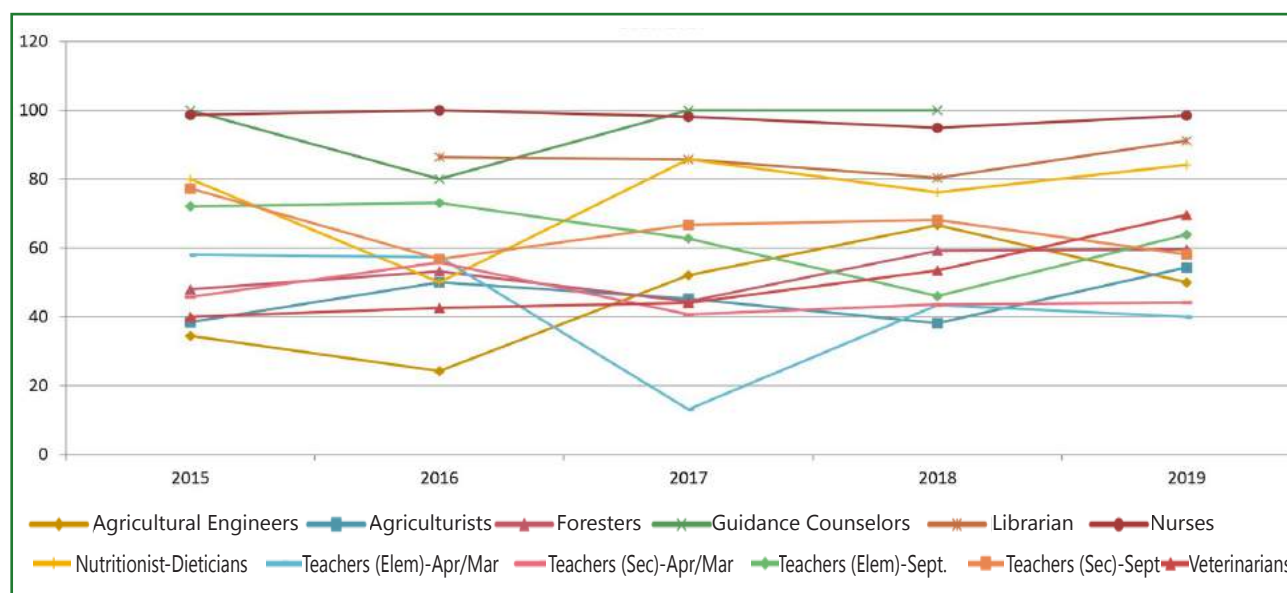


Figure 10. Benguet State University's overall performance in licensure examinations for 2015-2019

FACULTY

A. Faculty Profile

The University has a total of 353 faculty members holding plantilla positions; 304 at La Trinidad, 17 at Bokod, and 32 at Buguias campus. 213 (60.34%) are female, and 140 (39.66%) are male. The University has 33 full-fledged professors. Majority of the faculty members (146) however, hold Instructor positions, followed by Assistant Professors (100), and the rest are Associate Professors (74).

In terms of highest educational attainment, there are 125 (35.41%) faculty members who are Ph.D. degree holders, 212 (60.06%) are MA/MS degree holders, and only 16 (4.53%) are BA/BS holders. The distributions of faculty members by sex, position, and highest educational attainment in the three campuses are presented in Figure 11.

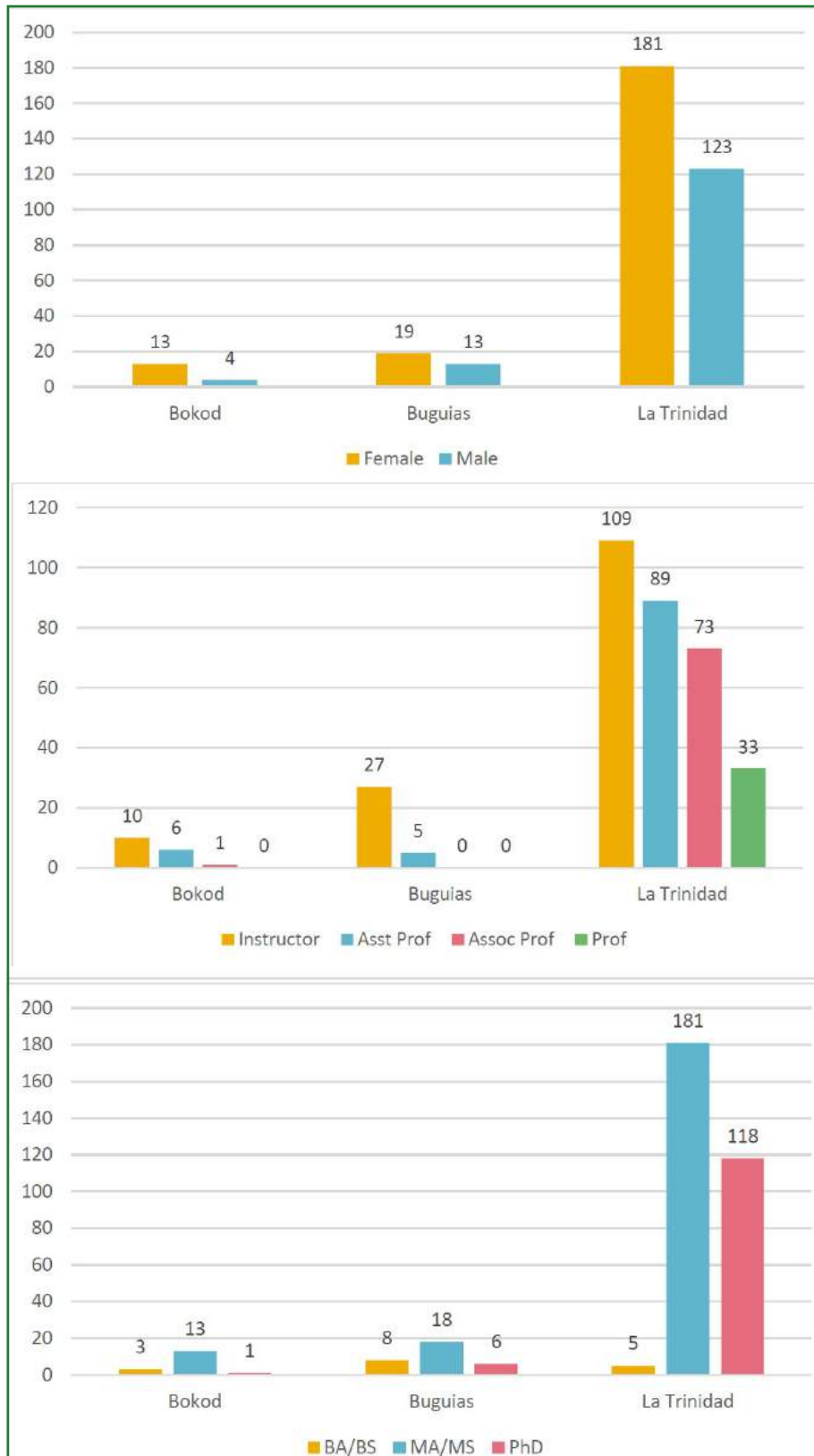


Figure 11. Distribution of faculty members by sex (top), position (middle), and highest educational attainment (bottom) in the three campuses (as of December 31, 2019)

B. Faculty Development

The following faculty finished their advanced studies in 2019:

GARCIA, Mary Angel	PhD in Animal Nutrition UPLB
SAGALLA, Esther Josephine D.	PhD in Agronomy UPLB
NAPALDET, Jones T.	PhD in Botany UPLB
ELY, Luisita L.	PhD in Science Education Don Mariano Marcos Memorial State University
BANANIA, Norma P.	PhD in Administration and Supervision Baguio Central University
SAMONTE, Cecilia B.	PhD in Science Education Don Mariano Marcos Memorial State University
DIO-AS, Faustina	PhD in Filipino Don Mariano Marcos Memorial State University
PAWID, Harland Gary B.	PhD in Educational Management Benguet State University
SIBAYAN, Sammy N.	PhD in Educational Management Benguet State University
TABDI, Marlon S.	PhD in Educational Management Benguet State University
BINALDO-VELASCO, Julie M.	PhD in Development Management, Don Mariano Marcos Memorial State University

Thirty-four (35) faculty members and academic sector staff availed of scholarships to pursue advance studies. Majority (25) are scholars under the CHED K to 12 Transition Program.

The distribution by type/source of scholarship is shown in Figure 12. In addition, there were four (4) who availed of thesis/dissertation assistance from the University. The scholars and recipients of thesis/dissertation assistance are listed in Table 7.

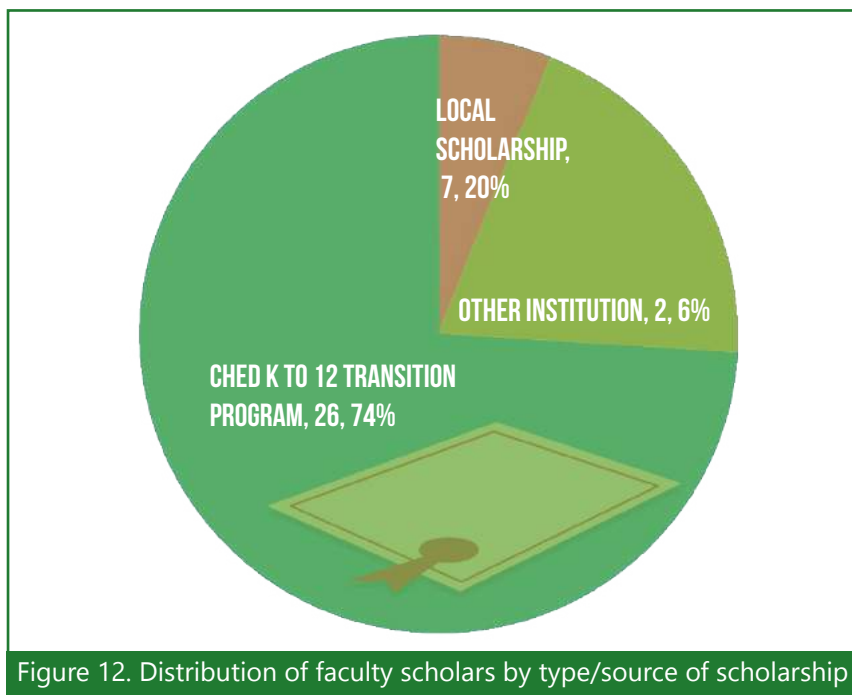


Figure 12. Distribution of faculty scholars by type/source of scholarship

Table 7. Faculty members with scholarships and/or thesis/dissertation assistance

A. Local Scholarships and Grants	
AUSTRIA, Angeli T.	PhD Guidance and Counseling , Philippine Normal University
AQUINO, Frael U.	PhD Horticulture, Benguet State University
DOMINGUEZ, Divina K.	PhD Language major in Filipino, Benguet State University
DUMAPIS, Diego P.	MS Animal Science, Benguet State University
FUCHIGAMI, Christine Grace S.	Doctor of Communication, UP Open University
LAKING, Karen O.	PhD Language Education, Benguet State University
LEAÑO, Evangeline Rachel D.	PhD Language Education, Benguet State University
B. Scholarship Sponsored by Other Institution	
DOYOG, Nova D.	PhD Program of Agriculture Science, National Chiayi University
CALDERON, Rosalie B.	PhD Plant Pathology and Physiology, Louisiana State University
C. CHED K to 12 Transition Program Batch I	
ALIMONDO, Monica S.	PhD Science Education (Mathematics), De La Salle University
AMLOS, Geoffrey C.	PhD Philosophy, Saint Louis University
BOKILIS, Almon B.	PhD Mathematics Education, Don Mariano Marcos Memorial State University
BOLAYO, Yvonne D.	PhD Biochemistry, Saint Louis University
DE GUZMAN, Rachel D.	PhD Development Studies, University of the Philippines Los Baños
DUYAN, Samuel L.	PhD Management, Saint Louis University
FARODEN, Lucille M.	PhD Entomology, University of the Philippines Los Baños
KILAKIL, Jemma Rose M.	PhD Horticulture, University of the Philippines Los Baños
PALAW-AY, Sarah M.	PhD Curriculum Instruction, Philippine Normal University
PINOS-AN, Igrelyn P.	PhD Communication, University of the Philippines Open University

Table 7. Faculty members with scholarships and/or thesis/dissertation assistance

C. CHED K to 12 Transition Program Batch I	
RAMOS, Jennifer Lyn S.	PhD Science Education, De La Salle University
TABON, Genevieve R.	PhD Animal Science, Central Luzon State University
VILLA, Emelda E.	PhD Technological Education Management, Don Mariano Marcos Memorial State University
WAKAT, Anna Liza B.	PhD Communication, University of the Philippines Open University
C. CHED K to 12 Transition Program Batch II	
ABIASEN Jovalsen T.	PhD Science Education, Saint Louis University
BULOQUEY, Leila P.	PhD Educational Management, Saint Louis University
CIRILO, Eieazar C.	PhD Educational Management, Saint Louis University
DAVID, Flordeliza D.	PhD Management, Saint Louis University
GAY-AS, Maureen E.	PhD Nursing, University of th Philippines Manila
LABI, Adamson N.	PhD Language Education-English, Saint Louis University
TAKINAN, Mildred L.	PhD Language Education-English, Saint Louis University
PAING, Joyce N.	PhD Environmental Science, Wageningen University, Netherlands
C. CHED K to 12 Transition Program Batch III	
HERMAN, Shakira B.	PhD Language Education, Benguet State University
PINOS-AN, Jeftee Ben B.	PhD Management, Saint Louis University
SENTI, Clyde A.	MA Technology Education, Major in Technology and Livelihood Education University of the Philippines Open University
D. Thesis/Dissertation Assistance	
ALCANTARA, Irene T.	PhD Guidance and Counseling, Philippine Normal University
AUSTRIA, Angeli T.	PhD Guidance and Counseling, Philippine Normal University
BANSIONG, Apler J.	PhD Education major in Biology, UP – Open University
NAPALDET, Jones T.	PhD Botany, University of the Philippines Los Banos

Another type of scholarship that faculty members who hold positions of Associate Professor and Professor could avail of is the sabbatical leave. The following faculty members were granted sabbatical leave:

PARAO, Marissa R. January 1, 2019 – December 31, 2019
Professor IV Articles for publication

LUBRICA, Joel V. August 1, 2019 – July 31, 2020
Professor VI 1. A Compendium of Abstracts for Master of Arts in Physics and MA General Science; and
2. Identification of possible gaps in thesis topics or themes

TANDANG, Leoncia A. January 1, 2019 – December 31, 2019
Professor VI Two scientific papers for publication from the BSU DA-BAR project entitled: "Pilot Testing and Seed Multiplication of Potential Varieties of Snap Beans (*Phaseolus vulgaris* L.)& Garden Pea and one study on Varietal Response of Bush Snap Bean to Water Stress"

C. Participation to Trainings/Seminars

Faculty and academic staff with the support of the university participated in various learning and development activities. Out of the 785 learning and development activities, faculty and staff were participants in 655 and 130 as learning service provider (Figure 13). The list of international seminars/conferences attended to by faculty members and staff is presented in Table 8.

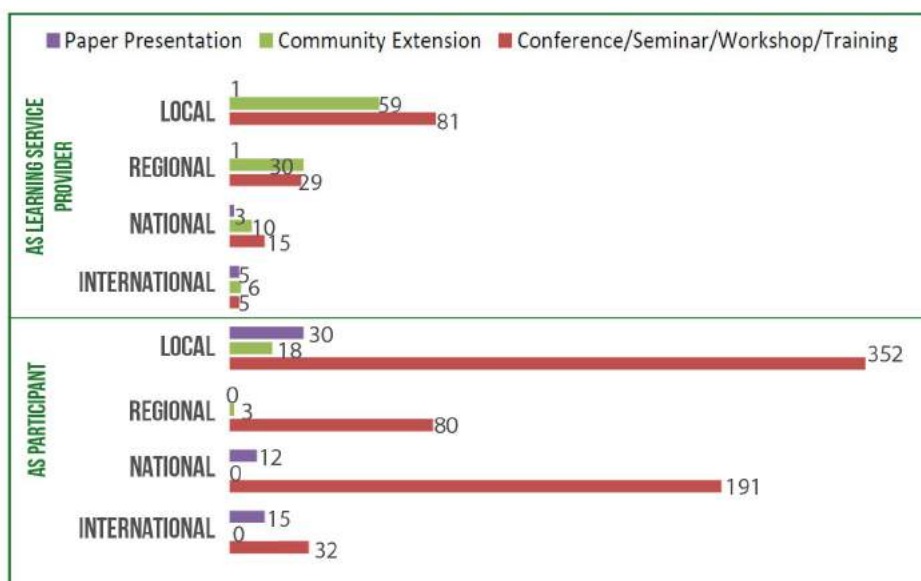


Figure 13. Distribution of participation to various Learning and Development Activities.

Table 8. International conferences, seminars, trainings, and benchmarking activities attended by faculty and staff

<p>TRAINING-WORKSHOP ON ADVANCE QUALITATIVE DATA ANALYSIS held on February 14-15, 2019 at Baguio City sponsored by the Asian Qualitative Research Association and Johanna Research Training Center attended by Dalifer A. Gano.</p>	<p>9TH ASIAN CONFERENCE ON LANGUAGE LEARNING (ACLL2019) held on May 16-18, 2019 at Toshi Center Hotel, Tokyo, Japan sponsored by International Academic Forum (IAFOR) attended by Dante M. Miguel</p>
<p>2ND INTERNATIONAL MULTIDISCIPLINARY RESEARCH CONFERENCE held on March 4-6, 2019 at Leyte Normal University sponsored by Leyte Normal University attended by Jhordan T. Cuilan, Elizabeth M. Dom-Ogen, Verna D. Lacanlale, Jason M. Leung and Jao-Jao A. Somyden</p>	<p>2ND INTERNATIONAL CONFERENCE ON FOOD, ENVIRONMENT AND CULTURE held on November 27-28, 2019 in Baguio City sponsored by Benguet State University Research and Extension attended by Gerry M. Alfonso, Marietta Q. Amatorio, Stanley F. Anongos, Marlene B. Atinyao, Gigy G. Banes, Conrado C. Bao-Idang, Andres A. Basalong, Darwin A. Basquial, Ruth S. Batani, Criselda S. Battad, Pelin Belino, Gil G. Calderon, Dante S. Chichioco, Bernard Peter O. Daipan, Emilia Dayap, Imelda O. Degay, Jenifer P. Domolog, Nova D. Doyog, Richard P. Dumapis, Alexander W. Fagyan, Romeo Jr. A. Gomez, Fernando R. Gonzales, Maricel A. Guron, Carlito P. Laurean, Normalyn T. Longay, Roscinto Ian C. Lumbres, Valentino L. Macanes, Ana B. Mendoza, Jones T. Napaldet, Karryl Mae C. Ngina, Sano L. Ngiwas, Paul Joseph A. Nuval, Janet P. Pablo, Joyce N. Paing, Magdalena D. Pandosen, Nordalyn B. Pedroche, Jocelyn C. Perez, Bennylyn B. Puyongan, Gennie B. Soyong, Jovita M. Sim, Belinda A. Tad-Awan, Daisy A. Tondo, Jefferson H. Yucaddi,</p>
<p>37TH PCHRD ANNIVERSARY INTERNATIONAL CONFERENCE ON HEALTH RESEARCH AND INDUSTRY 4.0 held on March 15, 2019 held at PICC, Pasay City sponsored by DOST-Philippine Council for Health Research and Development attended by Pelin B. Belino</p>	<p>INTERNATIONAL CONFERENCE OF THE JOURNEY OF ASIAN COFFEE held on December 4-6, 2019 in Taiwan sponsored by Center for Southeast Asian Studies attended by Andres A. Basalong and Valentino L. Macanes,</p>
<p>7TH EVALUATION OF SEA TEACHER PROJECT held on March 26-29, 2019 at the University of Utara, Kedah, Malaysia sponsored by Southeast Asian Ministers of Education Secretariat attended by John James F. Malamug and Imelda G. Parcasio.</p>	<p>5TH CONGRESS OF THE ASIAN ASSOCIATION OF WOMEN'S STUDIES held on December 6-8, 2019 in the Republic of Korea sponsored by Asian Association of Women's Studies attended by Gigy G. Banes And Karryl Mae C. Ngina.</p>
<p>PLANNING WORKSHOP ON SPECIAL ECONOMIC ZONE (SEZ) DEVELOPMENT MAPPING FOR THE STATE UNIVERSITIES AND COLLEGES (SUCS) held on April 01-02, 2109 sponsored and hosted by Pampanga Agricultural College in Magalang, Pampanga attended by Maricel A. Guron</p>	<p>ICOSTART 2019 INTERNATIONAL RESEARCH CONFERENCE AND SUMMIT ON INNOVATIONS held on December 16-17, 2019 hosted and sponsored by RK University attended by Ruth C. Diego, Erlyn Honeylette C. Marquez and Raymundo H. Pawid Jr.</p>
<p>5TH INTERNATIONAL CONFERENCE IN EDUCATION (ICEDU 2019) held on April 5-7, 2019 at Kuala Lumpur, Malaysia sponsored by International Institute of Knowledge Management attended by Kristine Baniqued-Dela Cruz</p>	<p>4TH GLOBAL RESEARCH AND EDUCATION CONFERENCE (GRAEC 2019) held on May 19, 2019 at Tagbilaran City, Bohol sponsored by Asian Intellect for Academic Organization and Dev't, Inc. attended by Kenneth A. Laruan</p>
<p>1ST INTERNATIONAL CONFERENCE ON INTERDISCIPLINARY RESEARCH held on April 11-13, 2019 sponsored and hosted by Colegio De San Juan de Letran attended by Enrique E. Biñas Jr.</p>	<p>5TH ASIAN CONFERENCE ON AGING AND GERONTOLOGY (AGEN 2019) held on May 20-22, 2019 at Tokyo, Japan sponsored by International Academic Forum (IAFOR) attended by Dante M. Miguel</p>
<p>1ST INTERNATIONAL CONFERENCE IN SCIENCE AND MATHEMATICS held on April 11-13, 2019 sponsored and hosted by Mindanao State University Premier Research Institute of Science and Mathematics and MSU- Iligan Institute of Technology attended by Belinda A. Tad-Awan</p>	<p>RETHINKING LIBERAL DEMOCRACY (2019 PPSA INTERNATIONAL CONFERENCE) held on May 28-29, 2019 at De La Salle University sponsored by Philippine Political Science Association/De La Salle University attended by Maria Theresa B. Dolipas</p>
<p>16TH INTERNATIONAL AGRICULTURAL AND BIOSYSTEMS ENGINEERING CONFERENCE AND EXHIBITION 30TH PHILIPPINE AGRICULTURAL ENGINEERING WEEK 69TH PSABE ANNUAL NATIONAL CONVENTION held on April 21-27, 2019 at Bacolod City, Negros Occidental sponsored by PSABE attended by Alvin C. Dulay</p>	<p>17TH INTERNATIONAL CONFERENCE ON DEVELOPING REAL-LIFE LEARNING EXPERIENCES (DRLE 2019)* held on May 30-31, 2019 at Bangkok, Thailand sponsored by KMITL attended by Leonardo D. Dumalhin, Kenneth A. Laruan, Nordalyn B. Pedroche, and Eriskcon Dominguez</p>
<p>INTERNATIONAL SYMPOSIUM AND TRAINING WORKSHOP IN MICROBIAL UTILIZATION held on April 25 – 29, 2019 at UPLB sponsored by Mycological Society of the Philippines, Inc. (MSP), ASEAN Network on Microbial Utilization (AnMicro) attended by Jennifer C. Paltayan and Marjory M. Tabon</p>	<p>INTERNATIONAL SCIENCE, TECHNOLOGY AND ENGINEERING CONFERENCE held on May 27-30, 2019 Polytechnic University of the Philippines Polytechnic University of the Philippines, DOST,NCR, CHED, Bohol Island State University PALTAYAN, Jennifer C.</p>
<p>INFORMATION SESSION ON UNESCO ASIA- PACIFIC REGIONAL CONVENTION ON THE RECOGNITION OF QUALIFICATIONS IN HIGHER EDUCATION held on May 3, 2019 at UP Cebu sponsored by UNESCO & CHED attended by Kenneth A. Laruan</p>	
<p>NATIONAL YOUTH COMMISSION (NYC) ASEAN YOUTH LEADER'S TRAINING PROGRAM held on May 6 – June 2, 2019 at Beijing and Guangxi, China sponsored by the National Youth Commission attended by Marvin T. Valentin</p>	

Table 8. Continued...

<p>UNIVERSAL ACADEMIC CLUSTER INTERNATIONAL JUNE CONFERENCE held on June 13-14, 2019 at Bangkok, Thailand sponsored by Universal Academic Cluster participated by Elizabeth M. Bay-an, Melody C. Domalti and Gracita N. Estocapio</p>	<p>COMPETENCE BUILDING WORKSHOP OF TEACHING AND PRESENTATION IN ENGLISH held on September 2-6, 2019 at Taiwan National Chung Hsing University attended by Ronda B. Tullay and Kara S. Panolong</p>
<p>1ST RESEARCH, EDUCATION, SCIENCE AND ARTS INTERNATIONAL CONFERENCE (REBSAIC 2019) held on June 21-24, 2019 at Davao City sponsored by Asian Intellect for Academic Organization and Development Inc. attended by Carlos K. Mama-o</p>	<p>WOMEN'S FEDERATION OF CHINA SUMMIT held on September 17, 2019 at Jiangsu, China sponsored by the Association for Friendship & Education Program (AFEP) attended by Melchor Lumiked and Lesley Dale Umayat</p>
<p>2ND ICSTR MALAYSIA- INTERNATIONAL CONFERENCE ON SCIENCE AND TECHNOLOGY held on June 28-29, 2019 at Malaysia sponsored by Eurasia Research participated by Dominga E. Gabriel and Linda P. Goygoyan</p>	<p>ANTIMICROBIAL POLICY SEMINAR FOR THE ASEAN COUNTRIES held on October 10, 2019 at Bangkok, Thailand sponsored by Asian Animal Health Association attended by Marietta Q. Amatorio</p>
<p>1ST INTERNATIONAL; RESEARCH CONFERENCE IN THE ACADEME AND INDUSTRY (IRCAI 2019) held on June 29 - July 1, 2019 at La Union sponsored by Asian Intellect for Academic Organization and Dev't, Inc. participated by Kenneth A. Laruan</p>	<p>12TH PNEE INTERNATIONAL CONFERENCE AND SCIENTIFIC MEETING held on October 15-17, 2019 sponsored by Palawan Philippine Network of Educators on Environment attended by Maricel A. Guron</p>
<p>11TH FLORA MALESIANA SYMPOSIUM held on June 30-July 6, 2019 sponsored by Brunei Universiti, Brunei Darussalam attended by Jude L. Tayaben and Elizabeth T. Dom-ogen</p>	<p>INTERNATIONAL SOCIETY FOR SOUTHEAST ASIAN AGRICULTURAL SCIENCES (ISSAAS) CONGRESS 2019 held on October 18-20, 2019 held in Malaysia sponsored by the International Society for Southeast Asian Agricultural Sciences (ISSAAS) attended by Normalyn T. Longay</p>
<p>ORIENTATION ON OPEN UNIVERSITY AND LONG DISTANCE LEARNING SYSTEMS held on July 22-23, 2019 sponsored by Manila British Council & Commission on Higher Education attended by Maria Azucena B. Lubrica and Precious M. Valentin</p>	<p>INTERNATIONAL SEMINAR ON ADVANCEMENT LEADERSHIP PROGRAM FOR PRESENT AND FUTURE LEADERS held on October 19-21, 2019 sponsored by The Enlightened Group for Quality & Excellence in Education, Inc. (EGQEE) attended by Anna B. Mendoza</p>
<p>2ND BIENNIAL INTERNATIONAL CONFERENCE ON NURSING EDUCATION, PRACTICE & RESEARCH NURSE EDUCATORS & PRACTITIONERS held on August 2-3, 2019 at Cebu City sponsored by Nurse Educators and Practitioners Guild (NEPG) attended by Jocelyn W. Angeles, Mark U. Gay-as and Jude L. Tayaben</p>	<p>IFUGAO SATOYAMA MEISTER TRAINING PROGRAM (ISMTP) PHASE II held on October 20-26, 2019 in Japan sponsored by the Japan International Cooperation Agency attended by Romeo A. Gomez Jr.</p>
<p>7TH ANNUAL MEETING OF THE KOREAN ASSOCIATION OF BIOLOGICAL SCIENCE held on August 12-14, 2019 at Jeju Island, Republic of Korea sponsored by Warm temperate and Subtropical Forest Research Center attended by Roscinto Ian C. Lumbres</p>	<p>UNIVERSITY OF GUAM FORUM held on October 29-30, 2019 in Guam sponsored by the University of Guam attended by Gigy G. Banes and Karryl Mae C. Ngina</p>
<p>PHILIPPINE SOCIETY OF INFORMATION TECHNOLOGY EDUCATORS (PSITE) NATIONAL BOARD MID-YEAR PLANNING AND INTERNATIONAL BENCHMARKING held on August 12-14, 2019 at Tokyo, Japan sponsored by the Philippine Society of Information Technology Educators (PSITE) attended by Frevy T. Orenica</p>	<p>8TH EVALUATION MEETING: PRE-SERVICE STUDENT TEACHER EXCHANGE IN SOUTHEAST ASIA (SEA-TEACHER PROJECT) held on November 7-10, 2019 in Thailand sponsored by the SEA Teacher Project attended by Imelda G. Parcasio</p>
<p>SFEM 2019: THE INTERNATIONAL SYMPOSIUM OF SUSTAINABLE FOREST ECOSYSTEM MANAGEMENT held on August 27-29, 2019 at Hokkaido, Japan sponsored by the Japan Society of Forest Planning (JSFP) attended by Nova D. Doyog, Roscinto Ian C. Lumbres and Lynn J. Talkasen</p>	<p>2019 INTERNATIONAL CONVENTION AND SEMINAR- WORKSHOP ON CUTTING ACROSS THE EXPECTATIONS OF INDUSTRIAL REVOLUTION 4.0 held on November 22-24, 2019 sponsored by the Philippine Association of Pre-Service Teachers, Inc. (PAPSET) attended by Marcelina L. Bolona</p>



Dr. Kenneth A. Laruan, giving a keynote speech during the 17th International Conference on Developing Real-Life Learning Experiences in Bangkok, Thailand.



Paper Presentations by Dr. Roscinto Ian C. Lumbres, Dr. Lynn J. Talkasen, and Ms. Nova D. Doyog during the SFEM 2019: The International Symposium of Sustainable Forest Ecosystem Management



Mr. Melchor Lumiked and Mr. Lesley Dale Umayat during the Women's Federation of China Summit held in Nangjing City, Jiangsu Province, China

D. Faculty Awards

The following awards were received by faculty for the period:

PEDROCHE, Nordalyn

received the Best Research Paper Award for the paper "Understanding Morphology and Classification in the Classroom: Seeing Through the Senses of Nematodes" during the 17th International Conference on Developing Real-Life Learning Experiences (DRLE 2019) on May 30-31, 2019 at Bangkok, Thailand

BALANGEN, Janice P. (CAS), DOYOG, Nova D. (CF), GOMEZ, Romeo Jr. A. (CAS), and TALKASEN, LYNN J. (CA) passed the June 2019 Environmental Planner Licensure Examination

BATANI, Ruth S. (with Cheryll Launio, Kacy Labon, Rhea Loncio and Teresita Masangcay)

- Best Poster for the Paper " Documentation of Success Stories in the use of *Trichoderma koningii* in the Philippine Highland Farming Systems during the International Conference on Food, Environment and Culture on November 29, 2019 at Crown Legacy Hotel, Baguio City.

LUMBRES, Roscinto Ian C., DOYOG, Nova D. and DAIPAN, Bernard Peter

1st Best Paper Award for the paper " Effects of Atmospheric Correction and Pansharpening of Landsat 8 OLI & TIRS on AGB Estimation Accuracy" (Forestry Category) during the International Conference on Food, Environment and Culture on November 29, 2019 at Crown Legacy Hotel, Baguio City

SOMYDEN, Jao-jao A., BELINO, Pelin, CONTADA, Rhea S., BASATAN, Johnabel T. and SUANDING, Ruda Fe awarded as 1st Best Paper Award (IEET Category) for the Paper " Development of Local Alternative Flavors for Ice Cream: Leveraging the Processing of Local Fruits through Freeze-drying" during the Regional Symposium on R&D Highlights & 3rd Regional Student Congress held at ASIST, Lagangilang, Abra on October 3, 2019.

INTERNATIONALIZATION ACTIVITIES

A. ERASMUS+

1. Project ANTENA Kick-Off Meeting

The kick-off meeting for the "Internationalization of Higher Education at the Philippines Network – ANTENA", a funded under the ERASMUS Plus, was held on February 26 to March 2, 2019 at the University of Alicante, Spain.

The Philippine delegation consisted of representatives from the 10 universities in the Philippines are included in the project, and representatives from CHED. Dr. Feliciano G. Calora, Jr., Dr. Cheryll C. Launio, and Dr. Roscinto Ian C. Lumbres represented the University in the said meeting. The other nine universities represented aside from BSU were: Ateneo de Manila University (ADMU); De la Salle University (DLSU); Mindanao State University-Iligan Institute of Technology (MSU-IIT); Xavier University-Ateneo de Cagayan (XU); Central Luzon State University (CLSU); University of San Carlos (USC); University of the Philippines (UP); Saint Louis University (SLU); and Polytechnic University of the Philippines (PUP).



Kick-off meeting of the Internationalization of Higher Education at the Philippines Network – Project ANTENA at the University of Alicante, Spain

2. INNOTAL Project 3rd and 4th Collaborative Workshop

Dr. Ruth C. Diego, Mr. Raymundo H. Pawid, Jr. and Ms. Honeylette C. Marquez attended the 3rd and 4th Collaboration Workshop of the Integrating Talent Development into Innovation Ecosystems in Higher Education (INNOTAL) Project. The former was held at Sri Lanka on April 1-6, 2019 while the later was held at India on December 11-13, 2019.

3. Faculty Mobility

Ms. Jennifer C. Paltayan of the College of Arts and Sciences served as a visiting professor under the Faculty Mobility Component of the ERASMUS+ Program. She was hosted by the Agriculture Academy Vytautas Magnus University (VMU-AA) in Lithuania from June 4 to 17, 2019.

4. ANTENA Project – University of Montpellier Staff Week

Dr. Feliciano G. Calora, Jr. and Dr. Roscinto Ian C. Lumbres attended the University of Montpellier Staff Week on September 30 to October 4, 2019. The Antenna Project (Internationalization of Higher Education in the Philippines) is one of the projects presented during the week-long celebration.



Presentation of (left) the Antenna Project and (right) workshop output

B. 1st SEAMEO RIHED-JANU Seminar and Study Visit

Dr. Feliciano G. Calora, Jr. participated in the 1st SEAMEO RIHED-JANU Seminar and Study Visit to Japan on Technology Innovation and Social Engagement for Sustainable Development which was held at the Kansai Region, Japan on June 23-29, 2019.

There were a total of 22 participants to the Seminar and Study Visit. They came from Southeast Asian Higher Education Institutions (9), Japanese Higher Education Institutions (5), SEAMEO RIHED (3), JANU (4), and the Deputy Consul General of the Philippine Consulate General in Osaka.

A seminar entitled "Enhancing Regional Cooperation and Development: Collaboration Initiatives between Japanese and Southeast Asian Higher Education Institutions" was conducted on June 24, 2019 at Osaka University. The seminar was designed for academic leaders and university executives from both Japanese and Southeast Asian higher education institutions to exchange views as well as to explore and build networks for future collaboration.

All participants from Japanese and SEA HEIs gave short presentations about their institutions, initiatives related to regional cooperation and development, particularly in the area of technological innovation and sustainable development including other existing international collaborations/partners, and the areas of interest and collaborative opportunities with other institutions.



The institutions/places visited were, Osaka University, Kansai University – Senriyama Campus, DAIKIN Technology and Innovation Center, NEC Innovation World Kansai Showroom, Great Hanshin-Awaji Earthquake Memorial – Disaster Reduction and Human Renovation Institution, Kobe University – Rokkodai 2nd Campus, Kyoto University – Yoshida and Uji Campus and Ritsumeikan University.

C. MOA Signing, Collaborative Meetings, and International Management Visits

1. Taiwan

Benguet State University partnered with two universities and a company in Taiwan; Chung San Medical University, National Chiayi University and Agrigaia Social Enterprise, a company engaged in organic farming. MOA signing ceremonies held within February 19-20, 2019 were done by and between: BSU President Feliciano G. Calora Jr.; BSU VP for Business Affairs, Dr. Silvestre K. Aben; BSU Dean of the College of Home Economics and Technology, Dr. Pelin B. Belino-Dean, College of Home Economics and Technology; Ms. Nova D. Doyog, CRAC Director; Dr. Ko Huang Lue, Chung San Medical University President; Dr. Hui-Ling Chui Chung San Medical University Dean of Academic Affairs; Chung Ay, President of National Chiayi University; Chichih Chu, National Chiayi University Vice President for International Affairs; and Ms. Vanessa Ying Lin, Director, Brand Development Centre of Agrigaia Social Enterprise.



(l-r) At the Chung Shan Medical University, Taiwan with the Dean of the Office of International Affairs, Dr. Kan-Jen Tsai; Memorandum of Understanding signed between Chung Shan Medical University and Benguet State University with Dr. Feliciano G. Calora, Jr. and Dr. Ko-Huang Lue, President; Memorandum of Understanding between National Chiayi University, Agrigaia Social Enterprise and Benguet State University with their Officials

BSU Officials also visited the following universities for benchmarking towards global competitiveness initiatives of the university:

1. National Dong Hwa University (NDHU)
2. National Chung Hsing University (NCHU)
3. National Pingtung University of Science and Technology (NPUST)

2. Universities in Spain

The President, Dr. Feliciano G. Calora, Jr., together with Dr. Roscinto Ian C. Lumbres took the opportunity to meet with officials of the University of Huelva, University of Oviedo and Universidad Politécnica de Madrid to discuss the implementation of partnership agreements and possible renewal of the Memorandum of Understanding/Agreement for student/faculty mobility, research collaboration and internationalization on March 3 – 6, 2019. They met Maria Teresa Aceytuno Perez, Deputy Director of International Mobility and Projection, Francisco Juan Marin Pageo, Director of International Cooperation and Dr. Domingo Javier Carvajal Gomez, Associate professor of Project Engineering Area of the University of Huelva; Professor Pedro Palencia of the University of Oviedo; and Jose Miguel Atienza Riera, Vice Rector for Academic Strategy and Internationalization and Leticia de Salas Regalado, Deputy Director for Student Affairs and External Relations of the Universidad Politécnica de Madrid (UPM).



Meeting with the representatives from the University of Huelva (top), University of Oviedo (bottom-left) and U Universidad Politécnica de Madrid (bottom-right)

3. Chung Shan Medical University

Ms. Marie Anne R. Rulla and Ms. Daisy A. Tondo of the Department of Human Nutrition of the College of Home Economics and Technology went for a Hospital Immersion at the Dietary Department of the Chung Shan Medical University (CSMU) in Taiwan on July 15-20, 2019.



On August 26-30, 2019, Dr. Jude L. Tayaben and Mr. Mark U. Gay-as of the College of Nursing visited CSMU to continue the discussions done during the visit of Professor Wen-Jiun Yen visited BSU on June 27, 2019. The discussions were on: a) finalization of MOA, b) student exchange and faculty immersion, and c) other collaborative programs. The BSU team also did a site visit at the hospital, and other Nursing training facilities.



4. Nanjing, China

Mr. Lesley Dale G. Umayat and Melchor S. Lumiked of CHET visited related Higher Education Institutions and other relevant enterprises in Nanjing City, Jiangsu Province, China on September 16-20, 2019.



5. University of Oviedo

Dr. Feliciano G. Calora Jr. together with Dr. Roscinto Ian C. Lumbres, the focal person of the College of Forestry for Internationalization visited the University of Oviedo after the Staff meeting on Internationalization conducted by the University of Montpellier, France on October 5-11, 2019.

During their visit, they met with the Rector, Vice Rector for University Extension and

International Development, Director of the International Office and Professor Pedro Palencia of the University of Oviedo and to discuss the collaborations on faculty mobility, student mobility, staff training on internationalization, research and development and others between the two universities.



Meetings with (left) Rector Santiago García Granda and (right) Vice Rector for University Extension and International Development and the Director of the International office of the University of Oviedo

6. University of Kaoshiung, Taiwan

Dr. Samuel S. Poliden and Dr. Jhordan T. Cuilan of the College of Arts and Sciences visited the University of Kaoshiung in Taiwan for a Memorandum of Agreement Signing on October 16-20, 2019. During their visit, they also discussed about possible collaborations on faculty mobility.



7. Chinese Culture University

Dr. Rex John G. Bawang, Dr. Ceasar L. Balacwid, and Mr. Calvin Jake P. Awas of the Institute of Human Kinetics visited the Chinese Culture University on November 8-10, 2019. During the said visit, they discussed on the following: a) academic or curricular partnership, and b) sending of visiting professors. They also visited CCU's Sports Science Laboratory and observed its operation.



BSU faculty with (top left) Dr. Shing-Ching Shyu – CCU President and the International Affairs Division director Wei-Bin Chen, (top right) CCU President Shing-Ching Shyu and Executive Vice-President Shu-Yin Wang and (bottom) Dr. Kuo-Cheng Kuo, Vice President- Office of International and Mainland China Affairs.

8. National Chung Hsing, Taiwan

Engr. Editha D. Carlos and Engr. Marvin T. Valentin visited the National Chung Hsing University (NCHU) on November 27-30, 2019. They discussed about student and faculty mobility opportunities.



9. National Chiayi University, Taiwan

Engr. Dante S. Chichioco, Forester Josel M. Florentin, Forester Bernard Peter O. Daipan of the College of Forestry and Ms. Maricel A. Guron of the College of Arts and Sciences visited the National Chiayi University on December 1-5, 2019. During the visit they discussed on: a) possible research collaborations, b) sending of visiting professors, c) faculty exchange, and d) student exchange and student internships.



D. QS Stars

Dr. Aurea Marie M. Sandoval, the Director of the Office of Quality Assurance and Accreditation attended the QS Apple 2019: 15th Annual Strategic Summit for the Advancement of University Excellence in all its Forms on November 26-28, 2019 in Fukuoka, Japan. During the summit, a total of 79 papers were presented during the plenary and parallel sessions. The summit also provided an opportunity for the University to showcase its program offerings, and to expand its networks through various activities.



AUXILIARY SERVICES

A. Registrar Services

The Office of the University Registrar (OUR) produced various documents requested by students and clientele. The distribution is presented in Figure 14.

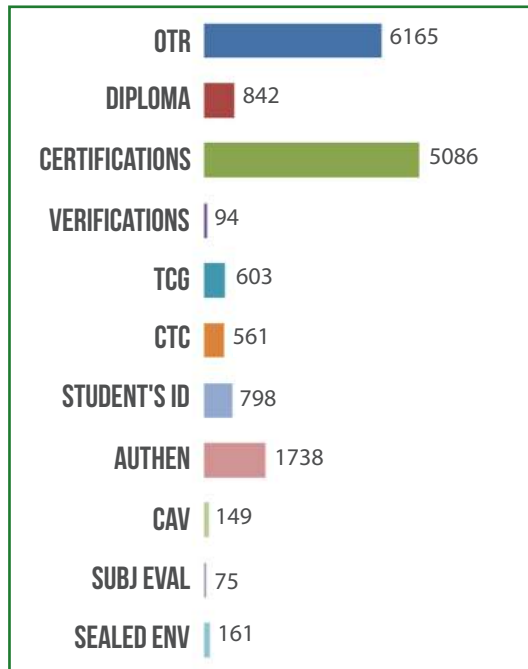


Figure 14. Distribution of documents released by the OUR

B. Health Services

There were 8,505 clients who availed of the various services by the University Health Services. The distribution is shown in Figure 15.

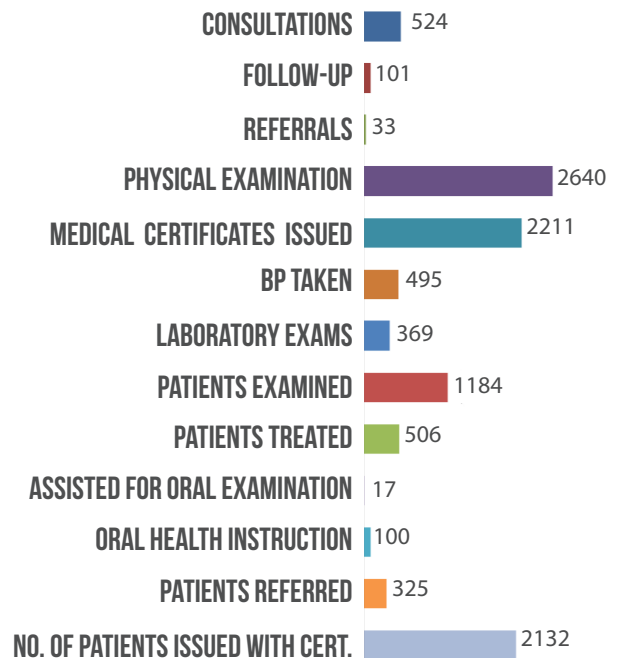


Figure 15. Number of Clients served by the UHS

C. Library Services

The main library had 160,523 clients during the year. Majority (91%) are graduate school/undergraduate students. In addition, there were 13,839 clients for the Unit Libraries. The distribution of clients of the University Library is shown in Figure 16 and breakdown of faculty and student who visited the library by month is shown in Figure 17.

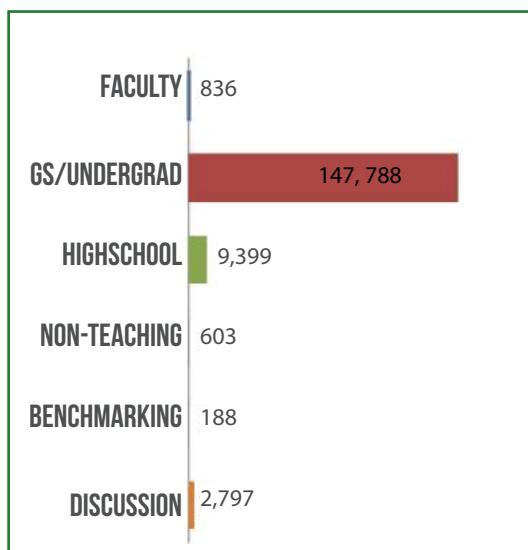


Figure 16. Customers of the University Main Library

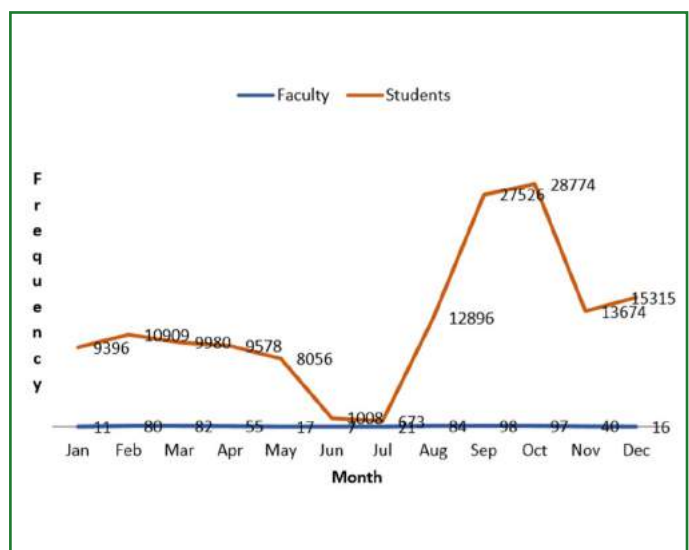


Figure 17. Breakdown of faculty and students clients of the Main Library

Table 9. Other highlights of activities/services by the ULIS

ONGOING RESEARCH	1	ROOM USE UTILIZATION(PRINT)	65,322
KEYWORDS CREATED	104, 153	INTERNATIONAL EXPOSURES	2 INTERNATIONAL ACTIVITIES
DIGITIZED MASTER THESIS/DISSERTATIONS	128 TITLES	VIRTUAL LIBRARY USAGE	11,333
LOAN OUT FREQUENCY (PRINT)	17, 657	REFERENCE MENTORING (FACE TO FACE) 1	2,810
AWARD	MOST ACTIVE SWDLNET	LITERACY LECTURES	44
MEDIA PROMOTIONS	33-SOCIAL MEDIA RELEASES 2-NEWSLETTERS 3000-BROCHURES	NEWSPAPER ACQUISITIONS	3,224
ONLINE QUERIES ATTENDED	55	SCHOLARLY ACQUISITIONS(PRINT)	169 SERIAL TITLES
OUTGOING REFERRALS	67	BEST PRACTICE INTRODUCED	2 (FRID GATE SYSTEM & OPAC PAGE ENHANCEMENT
THESIS/DISSERTATIONS	1,057 TITLES	CUSTOMER SATISFACTION RESULT	VERY SATISFACTORY
DIGITIZED UNDERGRADUATE THESIS			

D. Student Services

The Office of Student Services facilitated the conduct and/ or participation of students (Elementary, Secondary and Tertiary Students) with a total of 99 seminars within or outside of the University.

Table 10. Other activities of the OSS

1.Facilitation/conduct of Examinations		5. Student Interview	
a. BSU AT	2376	a. Shifting	192
2. Individual Guidane/Counselling		b. Withdrawing	99
a. Academic	1283	c. Dropping 45	45
b. Personal	960	d. Re- admission	284
c. Behavioural	100	e. LOA	239
d. Socio-Cultural	2	6. Life Coaching of Students	
3. Parent Conference	74	a. Transferring -in	1
4. Group Guidance	140	b. Transferring out	72

V. CENTER FOR CULTURE AND THE ARTS

A. Performances

University Activities

1. La Trobe University, Australia Visit to BSU - January 28, 2019; BSU Anthurium hall
2. 33rd BSU Charter Day Celebration - January 30, 2019; BSU Gymnasium
3. International Year of Indigenous Languages-National Arts Month- February 28, 2019, BSU Strawberry Hall
4. Dance Exchange between John Kennedy High School, Guam, Guma Rasan Acho Latte Cultural Dance Troupe, Guam and CCA Performing Arts Group; Benguet Pine Hall, College of Forestry, April 15, 2019
5. Indigenous People Education Seminar; BSU CTE Function Hall – April 15, 2019
6. "Boka Id Kayos"; BSU

- Gymnasium – May 3, 2019
7. PROJECT AGI with a theme Indak, Awit at Kilig 4; BSU Gymnasium – May 17, 2019
8. Achievement and Recognition Program of BSU 2019- BSU Gymnasium – June 18, 2019
9. 94th Commencement Exercises 2019 of BSU- BSU Gymnasium – June 19, 2019
10. 4th Philippine Network of Educators and Environmentalist National Workshop - BSU CTE Function Hall – June 19, 2019
11. Welcome dinner for Taiwan Visitors; BSU Canteen – July 5, 2019
12. Inauguration of DOST-PCAARRDBSU Soil, Plant and Water Laboratory; R and E Building, BSU July 26, 2019
13. Send-Off Lunch for Professor Pablo Antonio Cano Jimenez

- (University of Huelva, Spain)August 20, 2019; BSU Gymnasium
14. Send Off Program for Taiwanese Visitors- August 1, 2019; RSDC Canteen
15. Annual In-House-August 7, 2019; Igorota Hall Research and Extension Building
16. Accreditation Opening Program- September 2, 2019; AdCor; Glee Club
17. Send-off dinner of the SEA Teachers-September 10, 2019; Strawberry Hall; Sinagtala, Glee Club,Kontad
18. Send-off Dinner for Chinese Delegates-September 13, 2019; Strawberry Hall; Glee Club, Rondalla, Kontad
19. 103rd Foundation Anniversary Program-September 18, 2019; BSU Gymnasium; Glee Club, Kontad
20. BSU Praise Everlasting-

September 26, 2019; Glee Club; Kontad
21. 2nd International Conference on Food, Environment and Culture; November 27, 2019 Crown Legacy Hotel Baguio City
22. CASiyahan Night; BSU-Gymnasium
23. Mini Theater Production “Nan Daddad-at” (Tako); November 29, 2019 BSU-RSDC Strawberry Hall
24. Capacity Building for Entrepreneurship Educators 2018-2020; December 3, 2019; BSU RSDC

Activities of Other Agencies/ Organizations

1. 71st Ampucao Foundation Anniversary- January 11, 2019- Ampucao, Itogon, Benguet
2. 32nd Foundation Anniversary of ATICAR - January 29, 2019; ATI-CAR BSU Compound
3. National Convention Parish Renewal EX- Roman Catholic Cathedral- February 2, 2019, Baguio Athletic Bowl
4. National KServico Annual Convention-February 7, 2019, Club John Hay, Baguio Country Club, Baguio City
5. Luzon- Geographical Area Summit for Government Sector- phil. Institute of Public Accountants, Inc.- February 22, 2019, Newtown Plaza Hotel, Baguio City
6. Abra Cultural Workshop on Music and the Arts- February 23, 2019, Sarmiento Hall, University of the Philippines-February 23, 2019, Sarmiento Hall, University of the Philippines.
7. Na-suklit Festival of Traditional Music and Dances of Northern Luzon- February 24, 2019, Center for Culture and the Arts, Saint Louis University.
8. LIKHANDULA International Arts Exchange in collaboration and Tampok Balitok Regional Theatre Conference- February 26- March 1, 2019, University of the Philippines- Los Baños, Laguna
9. Buguias Foundation Anniversary “Albubo Festival” 2019- March 8-9,

2019; Buguias, Benguet
10. PAFTE Convention 2019- Easter College Gymnasium, Baguio City
11. Kaigorotan Youth week- March 16, 2019; Igorot Garden, Baguio City
12. Strawberry Festival Multi-Cultural Celebration 2019- March 18, 2019; La Trinidad Municipal Gymnasium
13. 33rd Annual Convention of Baguio General Hospital – Family Medicine Educators Opening program; Newtown plaza Hotel, Baguio City – April 25, 2019
14. Annual Convention of Baguio General Hospital – Family Medicine Educators; Newtown Plaza Hotel, Baguio City – April 26, 2019
15. Annual Alumni Reunion of Tsinghua University Overseas Chinese Leadership Class; Hotel Supreme, Baguio City – April 28, 2019
16. 22nd PSSST Annual meeting and scientific conference; Crown Legacy Hotel, Baguio City – May 7, 2019
17. Chanum Foundation anniversary 2019; Tam-awan Village, Baguio City – May 25, 2019
18. Philippine Society of Sanitary Engineers, Inc. 2019 Midyear national convention;
19. Holiday Inn, Baguio City – May 30, 2019
20. BPPO Evaluation Camp Dangwa; Camp Dangwa, La Trinidad-July 5, 2019
21. UAP Midyear Conference; Venus Hotel, Baguio City-July 13, 2019
22. Agri-Aqua Tech. Business Incubation- August 8, 2019; Venus Park View Hotel
23. PCSMT National Research Congress- August 28, 2019; Calajo Restaurant
24. 6th Regional Organic Agriculture Congress cum Framer's Forum- September 20, 2019; BAPTC La Trinidad, Benguet; Glee Club
25. City Municipal Engineers Association of the Philippines 12th National Convention- September 25, 2019; Kontad
26. 22nd Year Indigenous Peoples Right Act Parade; October 11, 2019; PFVR Gymnasium/ Sports Complex, Military Cut-Off, Baguio City; Kontad,

Dramatics Art Club
27. 7th Year Gong Festival; October 13, 2019; Ibaloi Heritage Garden; Kontad, Dramatics Art Club
28. Philosophical Association of Northern Luzon (PANL); October 18, 2019; PRCRTC & RSDC Canteen; Glee Club, Rondalla
29. DepEd Teachers Research and Training Writeshop; October 23, 2019; CTE Function Hall; Rondalla
30. Benguet Division Schools Press Conference; October 24, 2019; BSU Gymnasium; Glee Club, BSU Marching Band, Kontad
31. DSWD-CAR Thanksgiving Fellowship and Cultural Night; October 24, 2019; Crown Legacy Hotel, Kisad Road, Baguio City; Kontad
32. First Schools Division of Benguet Teachers and Learners Research Conference; October 28, 2019; CTE Function Hall; Rondalla
33. Gong Festival Indigenous Peoples' Games; November 03, 2019 Session Rd., Baguio City
34. Advancing and Sustaining Good Governance and Community Action Towards Peace, Resilience and Empowerment (AS2G-CARE) (Balay Mindanaw Foundation Inc.; November 15, 2019 Gladiola Cente, BSU Km5 La Trinidad Benguet
35. Regional Research Symposium; November 19, 2019 BSU-Rootcrops
36. 6th National Conference on Open and Distance eLearning (NCODEL); November 27, 2019 Holiday inn Baguio City
37. Tanghal National University and Community-Based Theater Festival; November 04-05, 2019 Alaminos City Sports Complex, Alaminos City, Province of Pangasinan
38. Benguet Provincial Athletic Meet; December 9, 2019; Wangal Sports Complex, La Trinidad, Benguet
39. PAGTA- Ayuyang; October 26, 2019; University of the Philippines Baguio; Kontad, Dramatics Art Club
40. Boys and Girls Brigade 7th National Champ; October 30, 2019; KKMI, Pico, La Trinidad, Benguet; Kontad

The detailed Annual Report of the Academic Affairs Sectors is available at www.bsu.edu.ph



A. Publications

A total of 41 research articles were published in international and national peer reviewed refereed journals. Of the total number, 34% was published in international journals while 66% was published in national journals.

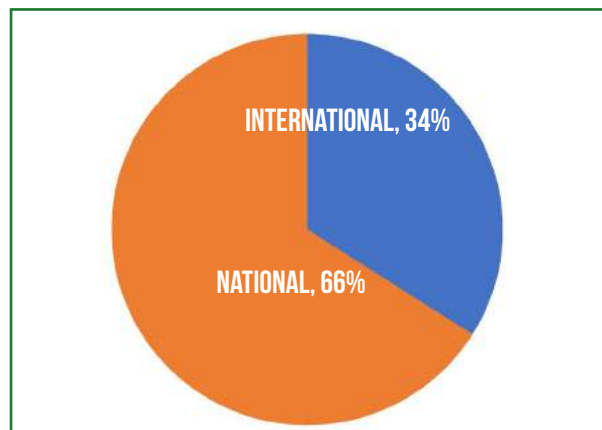


Figure 18. Distribution of the number of papers published in international and national journals

B. Research Paper Presentation

A total of 104 research papers were presented by BSU researchers to international, national, and regional conference

Table 11. Paper Presented in International, National, Regional Fora

International	46 papers presented (40 oral presentation ; 6 posters)
National	25 papers presented 23 oral presentation; 2 posters
Regional	33 papers presented 23 oral presentation ; 10 posters
Total	104

AGENCY IN-HOUSE REVIEW 2019

A total of 205 researches were evaluated during the Agency In-House Review Conducted on August 7-9, 2019 held at the Northern Philippines Root Crops Research and Training Center (NPRRTC). Of the total number, 28% was presented as completed researches, 35% was presented as ongoing researches and 37% were proposals.

C. Outside Funded Projects Approved For 2019

The University was able to generate a total of Php 54,505,190.62 from outside funded projects as follows:

PHP 8,435,491.20

AMOUNT OF FUNDING SUPPORT FROM
DOST- Philippine Council for Health
Research
and Development (PCHRD)

FOR THE PROGRAM/PROJECT

Tuklas Lunas Consortium in the Cordillera:
Documentation, Standardization and
Formulation of dosage forms from
Indigenous plants and microorganisms with
bioactivities Study Title: Standardization of
Crude Herbal Formulation for Anti-diabetes
from Plants Indigenous to Benguet

RESEARCHERS:

Louisa P. Pladio, Rodora A. Abyado, Pearly
and Joyce M. Tawali

DURATION:

March 1, 2019 - June 30, 2020

PHP 4,000,000.00

AMOUNT OF FUNDING SUPPORT FROM
DOST - PCAARRD

FOR THE PROGRAM/PROJECT

Enhancing GAP Compliance & Climate
Resilience
of Spray-Type Chrysanthemum Production
in La Trinidad

RESEARCHER:

Carlito P. Laurean

DURATION:

September 16, 2019 - August 15, 2020

PHP 31,355,154.56

AMOUNT OF FUNDING SUPPORT FROM
DOST-GIA

FOR THE PROGRAM/PROJECT

Potato R & D Center:

Proj. 1. Development of Insect Pests and
Diseases Management of Quality Seed
Production

Proj. 2. Enhancing the Micropropagation
System of Potato

Proj. 3. Application of Improved
Cultivation System and Storage
Technique for Potato seed Production

RESEARCHERS:

Cynthia G. Kiswa, Jocelyn C. Perez, Hilda
L. Quindara

DURATION:

July 1, 2019 - June 30, 2020

PHP 4,705,622.40

AMOUNT OF FUNDING SUPPORT FROM
DOST - PCAARRD

FOR THE PROGRAM/PROJECT

PHighland Science for the Convergence
of Agriculture and Tourism: Benguet
Landscape and Ornamental Offerings
of a Magsasaka Syentista (Highland
SciCAT:BLOOMS)

RESEARCHER:

Maria Luz D. Fang-asan

DURATION:

October 1, 2019 - September 30, 2021

PHP 6,008,922.46

AMOUNT OF FUNDING
SUPPORT FOR THE
PROGRAM/PROJECT

Commercialization of
Quality Seed Potato thru
the Standardized Seed
Production System
Study 1 Strengthening
Farmers' Capacities as
Quality Seed Growers and
Entrepreneurs

Study 2. Piloting of the
Standardized Potato Seed
Production System in
Benguet and Mountain
Province

Study 3. Economic Analysis
on the Standardized Potato
Seed Production System

RESEARCHERS:

Cynthia Kiswa, Teresita
Masangcay, Jocelyn Perez,
Gabby Dao-ines, Jennie
Balao, Arlene Bautista,
Jophr L. Galian, Monica S.
Gambican, Patricia Akiate,
Leah May Tayan

DURATION:

January 2019

- December 2021

D. Awards/Recognitions

The Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development (PCAARRD) recognized Dr. Carlito P. Laurean as Pantas Awardee for Most Outstanding Research Administrator during the PCAARRD anniversary and awarding ceremony held on June 19, 2019 at the Philippine International Convention Center (PICC) Manila.

BSU researchers were recognized in international, national, regional and institutional/local RDE activities conducted within and outside BSU. Four student theses also emerged as Best Research Papers during the 3rd Regional Student Research Congress held last October 3, 2019 at the Abra State Institute of Sciences and Technology, Lagangilang, Campus.

Meanwhile, 8 student theses emerged as Best Research Papers during the 4th University Student Research Congress held on June 7, 2019 at the Northern Philippine Root Crops Research and Training Center. The 8 student research papers are among the 42 theses that competed during the activity. Fourteen competed for the Science and Technology (S & T) category and 19 for the Social category in the undergraduate level. Nine competed for the social category and 3 competed in the S & T category in the graduate level.

Awards and recognitions received for research are as follows:

International

BEST PAPER AWARD

Understanding Morphology and Classification in the Classroom: Seeing Through the Senses of Nematodes

AUTHOR:

Nordalyn Pedroche

AWARDING ORGANIZATION/

CONFERRING BODY:

Faculty of Industrial Education and Technology King Mongkut's Institute of Technology Ladkrabang (KMUTL), Bangkok, Thailand

DATE RECEIVED:

May 31, 2019

BEST POSTER

Documentation of Success Stories in the Use of Trichoderma koningii in Philippine Highland Farming Systems

AUTHORS:

Kacy O. Labon, Rhea S.

Loncio, Ruth S. Batani, Cheryll C.

Launio, Teresita D.

Masangcay

AWARDING ORGANIZATION/

CONFERRING BODY:

Benguet State University (2nd International Conference on Food Environment and Culture)

DATE RECEIVED:

November 29, 2019

BEST PAPER

(FORESTRY CATEGORY)

Effects of Atmospheric Correction and Pansharpening of Landsat 8 OLI & TIRS on AGB Estimation Accuracy

AUTHORS:

Nova D. Doyog, Derek C. Bayer,

Christine A. Parian, Roscinto Ian C.

Lumbres, Bernard Peter O. Daipan,

Chinsu Lin and Young Jin Lee

AWARDING ORGANIZATION/

CONFERRING BODY:

Benguet State University (2nd International Conference on Food Environment and Culture)

DATE RECEIVED:

November 29, 2019

FINALIST (ENVIRONMENT CATEGORY)

Physical, Chemical and Biological Degradation of Three Soil Series in La Trinidad, Benguet: Impact on Soil Fertility and Microbial Abundance

AUTHORS: Arlene Wayet, Carlito Laurean, Emilia Dayap and Jocelyn Perez

AWARDING ORGANIZATION/ CONFERRING BODY:

Benguet State University (2nd International Conference on Food Environment and Culture)

DATE RECEIVED: November 29, 2019

National

PANTAS AWARD

Outstanding Research Administrator

AWARDEE:

Carlito P. Laurean

AWARDING

ORGANIZATION

/CONFERRING BODY:

PCAARRD

DATE RECEIVED:

June 19, 2019

GOLD AWARD, BEST AFMA R & D PAPER FOR SOCIO ECONOMIC RESEARCH

Economic Analysis using Biological Control and Biofertilizer in Philippine Highland Farming:

Case of Trichoderma Koningii

AUTHORS:

Cheryll C. Launio, Kacy O. Labon,

Alladin A. Bañez, Ruth S. Batani

AWARDING ORGANIZATION/

CONFERRING BODY: DA-BAR

DATE RECEIVED: October 17, 2019

GOLD AWARD, ORGANIC AGRICULTURE RESEARCH

Increasing Productivity and Value Heirloom Rice Landraces in the Cordillera Highlands through Variety Evaluation and Organic Production Technologies

AUTHORS:

Belinda Tad-awan, Hector

Gayomba, Teresita Masangcay, Jasmin

Chomawat, Wilner Mauting,

Virginia Tapat

and Magdalena Wanawan

AWARDING ORGANIZATION/

CONFERRING BODY: DA-BAR

DATE RECEIVED: October 17, 2019

OUTSTANDING UTILITY MODEL**(2nd Runner up)**Hopia (Bacpia) with Sweetpotato
Haleya Filling*RESEARCHERS:*Botangen, Esther T., Mama-o,
Joyce K. Gonzales, Ines C. Gonzales*AWARDING ORGANIZATION**/CONFERRING BODY:*Department of Science
and Technology, Cordillera*DATE RECEIVED:* November 20, 2019**2ND RUNNER UP****LIKHA Regional Award**

Assorted Freeze-Dried Local Fruits

*RESEARCHERS:*Jao-jaoSomyden, Johnabel Basatan,
Thea Contada, Pelin Belino and Ruda Fe
Suanding*AWARDING ORGANIZATION**/CONFERRING BODY:*Department of Science
and Technology, Cordillera*DATE RECEIVED:* November 20, 2019**2ND BEST POSTER**Readability Content and Mechanical
Feature Analysis of Selected
Commercial Science Textbooks
Intended for Third Grade Filipino
Learners*RESEARCHER:* Apler J. Bansiong*AWARDING ORGANIZATION**/CONFERRING BODY:* CorCAARRD*DATE RECEIVED:* November 19, 2019**1ST BEST POSTER****(Social-AANR category)**Survey on the Prevalence and Effect
of Taro Leaf Blight (*Phytophthora*
colocasiae) and Taro Beetle (*Papuana*
sp.) on Livelihood and Food Security
of Indigenous Growers in
Benguet and Nueva Viscaya*RESEARCHERS:*Grace Backian, Ammie Ngaotoy,
Betty Gayao, Dalen Meldoz,
Jophr Galian*AWARDING ORGANIZATION**/CONFERRING BODY:* CorCAARRD*DATE RECEIVED:* October 3, 2019**1ST T BEST PAPER****(Development Category)**Science and Technology
Community-Based Farm
(STCBF) on Spray-Type
Chrysanthemum Production: A
Model in Accelerating Agricultural
Development in Benguet*RESEARCHERS:*Carlito Laurean, Teresita Mangili,
Jocelyn Perez, Felicitas Ticbaen,
Nida Organo, Andy Colte, Charlie
Consolacion, Jaime Codio,
Jeramil Simon*AWARDING ORGANIZATION**/CONFERRING BODY:* CorCAARRD*DATE RECEIVED:* October 3, 2019**LIKHA****(Creative Research)****Regional Winner**

Cocoon Deflossing Machine

*RESEARCHERS:*Norma Ramos, Espino C. Tiw-an
and Leonardo Dumalhin*AWARDING ORGANIZATION**/CONFERRING BODY:*Department of Science
and Technology, Cordillera*DATE RECEIVED:*

November 20, 2019

3RD BEST PAPER**(Social Sciences Category)**Accommodation of Indigenous
Dances in Higher Education
Institutions in CAR*RESEARCHERS:*Stanley F. Anongos,
Leonardo L. Samonte*AWARDING ORGANIZATION**/CONFERRING BODY:* CorCAARRD*DATE RECEIVED:*

November 19, 2019

2ND BEST PAPER**(Development Category)**Assessment field, Validation
and Documentation of
Evidence-Based Ecosystem
Adaptation Measures with
Potential for Scaling-up in
Indigenous Cultural Communities*RESEARCHERS:*Ruth Batani, Romeo Gomez,
Cheryll Launio, Betty Listino*AWARDING ORGANIZATION**/CONFERRING BODY:* CorCAARRD*DATE RECEIVED:* October 3, 2019**3RD BEST PAPER****(Social AANR Category)**The Practice of Suplay: A
Partnership Venture Between
the Capitalists and Vegetable
Farmers-Suplay of Bauko,
Mountain Province and
Mankayan, Benguet Province*RESEARCHERS:*

Leonardo L. Samonte

*AWARDING ORGANIZATION**/CONFERRING BODY:* CorCAARRD*DATE RECEIVED:* October 3, 2019**1ST BEST PAPER AWARD****(Research Category)**Heirloom Rice Landraces of
Benguet: Germplasm
Conservation and Evaluation
and Increasing Productivity
through Production Practices*RESEARCHERS:*Belinda Tad-awan, Hector
Gayomba, Teresita Masangcay,
Jasmin Chomawat, Wilner
Mauting, Virginia Tapat
and Magdalena Wanawan*AWARDING ORGANIZATION**/CONFERRING BODY:* CorCAARRD*DATE RECEIVED:* October 3, 2019**1ST RUNNER UP****LIKHA Regional Award**

Basil Flavored Ice Cream

*RESEARCHERS:*Jao-jaoSomyden, Johnabel
Basatan, Thea Contada,
Pelin Belino and Ruda Fe
Suanding*AWARDING ORGANIZATION**/CONFERRING BODY:*Department of Science
and Technology, Cordillera*DATE RECEIVED:*

November 20, 2019

1ST BEST PAPER**(Social Science Category)**Learning Day-eng and Liwliwa
as told by Ypidlisan*RESEARCHERS:*Matylene A. Camfili-Talastas,
L Ag-a, F Sabado*AWARDING ORGANIZATION**/CONFERRING BODY:* CorCAARRD*DATE RECEIVED:*

November 19, 2019

2ND BEST PAPER AWARD
(Research Category)Impact of different postharvest
processing methods on the
occurrence of ochratoxin A and
cupping quality of Arabica coffee*RESEARCHERS:*Andres A. Basalong, Von Y.
Amado, Margelyn J. Pasigon,
Hazen Lyn B. Talbino*AWARDING ORGANIZATION**/CONFERRING BODY:* CorCAARRD*DATE RECEIVED:* October 3, 2019**1ST BEST PAPER****(SOCIAL-AANR CATEGORY)**BSU-CVM DA-BAL: Antimicrobial
Resistance Surveillance Project
in CAR*RESEARCHERS:*Marietta Amatorio, Criselda Battad,
Edlyn Mae Ciano, Joy Guisoben,
Nanette Marpa*AWARDING ORGANIZATION**/CONFERRING BODY:* CorCAARRD*DATE RECEIVED:* October 3, 2019**1ST BEST PAPER****(Industry, Energy, and Emerging
Technology (IETT) Category)**Development of Local Alternative
Flavors for Ice Cream: Leveraging the
Processing of Local Fruits through
Freeze-Drying*RESEARCHERS:*Jao-jao Somyden, Pelin Belino, Rhea
Contada, Johnabel Basatan, Ruda Fe
Suanding*AWARDING ORGANIZATION**/CONFERRING BODY:* CIERDEC*DATE RECEIVED:* October 3, 2019**ACHIEVEMENT AWARD**for his leadership qualities,
achievements and accomplishments
that are worthy of emulation*AWARDEE:*

Valentino Macanes

*AWARDING ORGANIZATION**/CONFERRING BODY:* BENGUET LGU*DATE RECEIVED:* November 22, 2019

3RD BEST POSTER (Social-AANR category)

Awareness of Consumers on the First, Second, and Third Degree Certification of Organic Products

RESEARCHERS: Jovita Sim

AWARDING ORGANIZATION /CONFERRING BODY: CorCAARRD

DATE RECEIVED: October 3, 2019

2ND BEST POSTER (Industry, Energy, and Emerging Technology (IET) Category)

Ipomoea batatas L.(camote) Peels as Flour Substitute in Making Chips and Hopia

RESEARCHERS: Jude Tayaben, A. Bersamin, K. Baalancod, A. Balangcod, J. Badilla, A. Cendana, E. Dom-ogen, M. Fianga-an, L. Licnahan, G. Ochoa, B. Siadto, F. Wong and T. Balangcod

AWARDING ORGANIZATION /CONFERRING BODY:

1ST BEST POSTER (Industry, Energy, and Emerging Technology (IET) Category)

Development of Shelf-Stable Fermented Heirloom Rice "Binubudan"

RESEARCHERS: Lesley Dale Umayat, Norma Banania, and Elizabeth Dom-ogen

AWARDING ORGANIZATION /CONFERRING BODY: CIERDEC

DATE RECEIVED: October 3, 2019

EXTENSION PROJECT AWARD

Education, Propagation and Conservation of Traditional Food Crop as Embodiment of Indigenous Knowledge in Palina, Kibungan: An Extension

AWARDEE: Ruth S. Batani

AWARDING ORGANIZATION /CONFERRING BODY: Agricultural Training Institute

DATE RECEIVED: May 3, 2019

Institutional/ Local**1ST BEST POSTER**

Social Category

Everlasting Award: Greatness in Achievement

RESEARCHERS:

Dalen Meldoz, Grace Backian Betty Gayao

AWARDING ORGANIZATION

/CONFERRING BODY: CorCAARRD

DATE RECEIVED: Sept. 26, 2019

1ST BEST PAPER

(Social AANR – BSU funded Category)

Project: Adoption and Impacts of a Biological Control: Case of *Trichoderma koningii* for Highland Agriculture
Study 1: Adoption and Economic Impact of a Biological Control: Case of *Trichoderma koningii* (aka *Trichoderma KA*) for Highland Agriculture in the Philippines
Study 2: Documentation of Success Stories in the Use of *Trichoderma koningii* in the Philippine Highland Farming Systems

RESEARCHERS:

Cheryll C. Launio, Kacy O. Labon, Alladin A. Bañez, Ruth S. Batani, Rhea S. Loncio, Teresita D. Masangcay

AWARDING ORGANIZATION

/CONFERRING BODY: BSU

DATE RECEIVED: August 9, 2019

CERTIFICATE OF RECOGNITION

Everlasting Award: Greatness in Achievement

RECEPIENTS:

Amelia M. Kimeu; RTCalayan

AWARDING ORGANIZATION

/CONFERRING BODY: BSU

DATE RECEIVED: Sept. 26, 2019

3RD BEST PAPER (Social AANR- BSU funded Category)

The Practice of Suplay: A Partnership Venture Between the Capitalists and Vegetable Farmers-Suplay of Bauko, Mountain Province and Mankayan, Benguet Province

RESEARCHER:

Leonardo L. Samonte

AWARDING ORGANIZATION

/CONFERRING BODY: BSU

DATE RECEIVED: August 9, 2019

1ST BEST PAPER (Social Non-AANR – BSU Funded Category)

Accommodation of Indigenous Dances in Higher Education Institutions in CAR

RESEARCHERS:

Stanley F. Anongos, Jr., Leonardo L. Samonte

AWARDING ORGANIZATION

/CONFERRING BODY: BSU

DATE RECEIVED: August 9, 2019

3RD BEST PAPER

(Social AANR – Outside funded Category)

Adoption and Impacts of Drip and Sprinkler Irrigation Systems
Study 1: Irrigation Sources and Water Management Practices of Smallholder Highland Vegetable Farmers in Northern Philippines

RESEARCHERS:

Cheryll C. Launio, Marivic C. Abyado, Erlinda B. Alupias

AWARDING ORGANIZATION

/CONFERRING BODY: BSU

DATE RECEIVED: August 9, 2019

2ND BEST PAPER (Social Non-AANR – BSU Funded Category)

Learning Day-eng and Liwliwa as Told by Ypidlisan

RESEARCHERS:

Matyline A. Camfili Talastas, Lilibet Ag-a, Flori-Ann Sabado

AWARDING ORGANIZATION

/CONFERRING BODY: BSU

DATE RECEIVED: August 9, 2019

Regional Student Congress**1ST BEST PAPER**

(Technical Category)

Design, Fabrication and Performance Evaluation of a Motorized Oyster Crushing Machine

RESEARCHERS:

Krisler Wansi, Eunice Mejos

AWARDING ORGANIZATION

/CONFERRING BODY: CorCAARRD

DATE RECEIVED: October 3, 2019

2ND BEST PAPER

(Technical Category)

Design, Fabrication and Performance Evaluation of a Batch-Type Fluidized Bed Coffee Roaster

RESEARCHERS:

Vanessa Rose Meana & Nazer Sarapeo Kimkiman

AWARDING ORGANIZATION

/CONFERRING BODY: CorCAARRD

DATE RECEIVED: October 3, 2019

3RD BEST PAPER

(Technical Category)

Aboveground Biomass Mapping of Benguet Pine (*Pinus kesiya*) Forest in Bokod, Benguet

RESEARCHERS:

Derek Bayer, Christine Parian

AWARDING ORGANIZATION

/CONFERRING BODY: CorCAARRD

DATE RECEIVED: October 3, 2019

1ST BEST PAPER (Social Category)

Ensuring Intergenerational Tie: Digitizing Pidlisian Folktales to Multimedia- Based Learning System Applying Tragidital Framework

RESEARCHERS: Mac James Dacillo

AWARDING ORGANIZATION /CONFERRING BODY:

CorCAARRD

DATE RECEIVED: October 3, 2019

2ND BEST PAPER (Social Category)

The Governance of Local Enterprise of Baguio City and La Trinidad, Benguet

RESEARCHERS:

Joylin Alcid, Mira Faith Ambugawon, Danice Bugarin, Jaren Lasaten

AWARDING ORGANIZATION /CONFERRING BODY:

CorCAARRD

DATE RECEIVED: October 3, 2019

UNIVERSITY STUDENT RESEARCH CONGRESS

Undergraduate level S & T category

BEST RESEARCH PAPER

Design Fabrication and Performance Evaluation of a Motorized Oyster Crusher Machine

RESEARCHERS:

Krisler Wansi, Eunice Mejos, Engr. Genaro Macasieb (adviser)

AWARDING ORGANIZATION

/CONFERRING BODY: BSU

DATE RECEIVED: June 7, 2019

2ND PLACE

Aboveground Biomass Mapping of Benguet Pine (Pinus kesiya) Forest in Bokod, Benguet

RESEARCHERS:

Derek Bayer, Christine Parian, Ms. Nova Doyog. (adviser)

AWARDING ORGANIZATION

/CONFERRING BODY: BSU

DATE RECEIVED: June 7, 2019

3RD PLACE

Design, Fabrication and Performance Evaluation of a Batch-Type Fluidized Bed Coffee Roaster

RESEARCHERS:

Vanessa Rose Meana, Nazer Sarapeo Kimkiman, Engr. Alvin Dulay (adviser)

AWARDING ORGANIZATION

/CONFERRING BODY: BSU

DATE RECEIVED: June 7, 2019

Undergraduate level Social Category

BEST RESEARCH PAPER

"Ensuring Intergenerational Tie: Digitizing Pidlisian Folktales to Multimedia Based Learning System Applying Tradigital Framework"

RESEARCHERS:

Mac James Dacillo, Paul Joseph Nuval (adviser)

AWARDING ORGANIZATION

/CONFERRING BODY: BSU

DATE RECEIVED: June 7, 2019

2ND PLACE

"Value Chain Analysis of Swine (Sus scrofa) in Sablan, Benguet"

RESEARCHERS:

Justine P. Ayomen, Dr. Madeline Kingan (adviser)

AWARDING ORGANIZATION

/CONFERRING BODY: BSU

DATE RECEIVED: June 7, 2019

3RD PLACE

"The Governance of Local Economic Enterprise of Baguio City, and La Trinidad, Benguet"

RESEARCHERS:

Joylin Alcid, Mira Faith Ambugawon, Angeline Ballangan, Danice Bugarin, Jerren Lasaten, Dr. Renebeth Donguiz (adviser)

AWARDING ORGANIZATION

/CONFERRING BODY: BSU

DATE RECEIVED: June 7, 2019

Graduate level Social category

BEST RESEARCH PAPER

"Teacher-made Narrative and Student's Achievement, Retention and Interest in Grade 9 Chemistry"

RESEARCHERS:

Russel Fitz Wadasen, Dr. Joel Lubrica (adviser)

AWARDING ORGANIZATION

/CONFERRING BODY: BSU

DATE RECEIVED: June 7, 2019

Graduate level S & T category

BEST RESEARCH PAPER

"Fungal Contaminants of Arabica Coffee (Coffea arabica) Cherries and Green Coffee Beans from Selected Growing Areas in the province of Benguet"

RESEARCHERS:

Merlyn Denesia, Dr. Denisa Domondon (adviser)

AWARDING ORGANIZATION

/CONFERRING BODY: BSU

DATE RECEIVED: June 7, 2019

E. Utility Model Applications

The BSU Intellectual Property Rights Office (IPRO) submitted 39 research outputs/technologies for Utility Model application to the Bureau of Patents, Intellectual Property Office Philippines. The following is a list of Utility Models applied for.

A process for freeze dried whole strawberries

RESEARCHERS: Jao-Jao A. Somyden, Lanie B. Basilan, Rhea S. Contada, Pelin B. Belino, Johnabel T. Basatan, Ruda Fe A. Suanding
DATE FILED FOR PATENTING/UM: March 5, 2019
APPLICATION NUMBER: 22019000298

A composition and process of making freeze-dried mulberries

RESEARCHERS: Jao-Jao A. Somyden, Rhea S. Contada, Pelin B. Belino, Johnabel T. Basatan, Ruda Fe A. Suanding
DATE FILED FOR PATENTING/UM: May 10, 2019
APPLICATION NUMBER: 22019000570

A method of buffalo fetal calf blood and serum extraction

RESEARCHERS: Leo S. Laruan, Danilda Hufana-Duran, Virgilio D. Viernes, Ernesto P. Garillo, Peregrine G. Duran
DATE FILED FOR PATENTING/UM: May 10, 2019
APPLICATION NUMBER: 22019000571

A composition for strawberry-pineapple jam

RESEARCHERS: Jao-Jao A. Somyden, Rhea S. Contada, Ruda Fe A. Suanding
DATE FILED FOR PATENTING/UM: May 10, 2019
APPLICATION NUMBER: 22019000572

A method of vacuum packing of dried peanut (Arachis Hypogaea) Kernels

RESEARCHERS: Hilda L. Quindara DATE FILED FOR PATENTING/UM: May 10, 2019 APPLICATION NUMBER: 2019000573

Method and Device for Making Improved Dried Meat Product

RESEARCHERS: John James F. Malamug, Junie Bryan T. Mayomis DATE FILED FOR PATENTING/UM: June 25, 2019 APPLICATION NUMBER: 22019000758

Biological Fungicide and Methods for Controlling Fusarium Wilt on Sweetpotato

RESEARCHERS: Teresita D. Masangcay, Jophr L. Galian, Cynthia G. Kiswa DATE FILED FOR PATENTING/UM: June 25, 2019 APPLICATION NUMBER: 22019000759

A Composition for Making FreezeDried Guyabano

RESEARCHERS: Jao-Jao A. Somyden, Rhea S. Contada, Pelin B. Belino, Johnabel T. Basatan, Ruda Fe A. Suanding DATE FILED FOR PATENTING/UM: June 25, 2019 APPLICATION NUMBER: 22019000760

A process for Making Freeze-Dried Guyabano

RESEARCHERS: Jao-Jao A. Somyden, Elena C. Ganado, Rhea S. Contada, Pelin B. Belino, Johnabel T. Basatan, Ruda Fe A. Suanding DATE FILED FOR PATENTING/UM: June 25, 2019 APPLICATION NUMBER: 22019000761

Honey Dispenser

RESEARCHERS: Paquito P. Untalan, Leo E. Kimbungan DATE FILED FOR PATENTING/UM: June 25, 2019 APPLICATION NUMBER: 22019000762

A Composition and Process of Making Polvoron Flavored with Freeze-Dried Strawberries

RESEARCHERS: Jao-Jao A. Somyden, Melchor s. Lumiked, Ruda Fe A. Suanding DATE FILED FOR PATENTING/UM: June 25, 2019 APPLICATION NUMBER: 22019000763

A composition and for Making Red Dragon Fruit with Pineapple Jam

RESEARCHERS: Jao-Jao A. Somyden, Dalifer a. Gano, Ruda Fe A. Suanding DATE FILED FOR PATENTING/UM: June 25, 2019 APPLICATION NUMBER: 22019000764

A Production Method of Toasting Shelled Peanuts

RESEARCHERS: Hilda L. Quindara DATE FILED FOR PATENTING/UM: June 25, 2019 APPLICATION NUMBER: 22019000765

A Method for Making Shelf-Stable Fermented Heirloom Rice

RESEARCHERS: Lesley Dale G. Umayat, Elizabeth T. Dom-Ogen, Norma P. Banania DATE FILED FOR PATENTING/UM: June 25, 2019 APPLICATION NUMBER: 22019000766

A Composition for Making Shelf-Stable Fermented Heirloom Rice

RESEARCHERS: Lesley Dale G. Umayat, Elizabeth T. Dom-Ogen, Norma P. Banania DATE FILED FOR PATENTING/UM: June 25, 2019 APPLICATION NUMBER: 22019000767

A composition of making Sweet Potato Roots Lemon Juice

RESEARCHERS: Esther T. Botangen, Hilda L. Quindara, Joyce K. Mama-o DATE FILED FOR PATENTING/UM: September 16, 2019 APPLICATION NUMBER: 22019001272

A composition of making Sweet Potato Tops Lemon Juice

RESEARCHERS: Esther T. Botangen, Hilda L. Quindara, Joyce K. Mama-o DATE FILED FOR PATENTING/UM: September 16, 2019 APPLICATION NUMBER: 22019001273

A Motorized Oyster Shell Crusher Machine

RESEARCHERS: Nazer Sarapeo P. Kimkiman, Vanessa Rose L. Meana, Alvin C. Dulay DATE FILED FOR PATENTING/UM: November 11, 2019 APPLICATION NUMBER: 12019000431

A Portable Batch Type Fluidized Bed Coffee

RESEARCHERS: Eunice E. Mejos, Krisler M. Wansi, Genaro W. Macasieb DATE FILED FOR PATENTING/UM: November 11, 2019 APPLICATION NUMBER: 12019000430

Continuous-Fed Cocoon Deflossing Machine

RESEARCHERS: Espino C. Tiw-An, Norma P. Ramos, Leonardo D. Dumalhin DATE FILED FOR PATENTING/UM: November 11, 2019 APPLICATION NUMBER: 12019000432

Local Wild Berries (Bugnay) Wine Cordilleran Pralines

RESEARCHERS: Beverly Anne S. Camarillo, Kristoffer N. Dumanas DATE FILED FOR PATENTING/UM: November 11, 2019 APPLICATION NUMBER: 12019000434

Honey- Glazed Smoked-Meat Cordilleran Pralines

RESEARCHERS: Beverly Anne S. Camarillo, Kristoffer N. Dumanas DATE FILED FOR PATENTING/UM: November 11, 2019 APPLICATION NUMBER: 12019000433

A Process of Making Basil Flavored Ice Cream

RESEARCHERS: Jao-Jao A. Somyden, Rhea S. Contada, Pelin B. Belino, Johnabel T. Basatan, Ruda Fe T. Suanding DATE FILED FOR PATENTING/UM: December 17, 2019 APPLICATION NUMBER: 22019001610

A composition of making Basil Flavored Ice Cream

RESEARCHERS: Jao-Jao A. Somyden, Rhea S. Contada, Pelin B. Belino, Johnabel T. Basatan, Ruda Fe T. Suanding DATE FILED FOR PATENTING/UM: December 17, 2019 APPLICATION NUMBER: 22019001617

A Composition for making Red Sugar beet Wine

RESEARCHERS: Jaymar T. Palista, Kimberly P. Wag-e, Jao-Jao A. Somyden, Jafet T. Sungduan DATE FILED FOR PATENTING/UM: December 17, 2019 APPLICATION NUMBER: 22019001613

A Process for making Red Sugar beet Wine

RESEARCHERS: Jaymar T. Palista, Kimberly P. Wag-e, Jafet T. Sungduan, Jao-Jao A. Somyden DATE FILED FOR PATENTING/UM: December 17, 2019 APPLICATION NUMBER: 22019001615

A Composition of Making Pigeon pea Flavored Ice cream

RESEARCHERS: Karen S. Aroco, Jessica P. Binha-on, Jonalyn L. Cabbigat, Jao-Jao A. Somyden DATE FILED FOR PATENTING/UM: December 17, 2019 APPLICATION NUMBER: 22019001611

A Process of Making Pigeon pea Flavored Ice cream

RESEARCHERS: Karen S. Aroco, Jessica P. Binha-on, Jonalyn L. Cabbigat, Jao-Jao A. Somyden DATE FILED FOR PATENTING/UM: December 17, 2019 APPLICATION NUMBER: 22019001609

A Composition for Making Ginger Flavored Polvoron

RESEARCHERS: Leah Mae P. Banguete, Maricel T. Budoc, Ivy T. Litusken, Jao-Jao A. Somyden DATE FILED FOR PATENTING/UM: December 17, 2019 APPLICATION NUMBER: 22019001623

A Method For Regeneration of Coffee Arabica Cultivar Typical Through Tissue Culture

RESEARCHERS: Belinda A. Tad-awan, Milagros R. Dumaslan, Sheryl B. Manuel DATE FILED FOR PATENTING/UM: December 17, 2019 APPLICATION NUMBER: 22019001612

1ST BEST PAPER (Social Category)

Ensuring Intergenerational Tie: Digitizing Pidlisian Folktales to Multimedia- Based Learning System Applying Tragidital Framework

RESEARCHERS: Mac James Dacillo

AWARDING ORGANIZATION /CONFERRING BODY:

CorCAARRD

DATE RECEIVED: October 3, 2019

2ND BEST PAPER (Social Category)

The Governance of Local Enterprise of Baguio City and La Trinidad, Benguet

RESEARCHERS:

Joylin Alcid, Mira Faith Ambugawon, Danice Bugarin, Jaren Lasaten

AWARDING ORGANIZATION /CONFERRING BODY:

CorCAARRD

DATE RECEIVED: October 3, 2019

UNIVERSITY STUDENT RESEARCH CONGRESS

Undergraduate level S & T category

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RESEARCHERS:

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AWARDING ORGANIZATION

/CONFERRING BODY: BSU

DATE RECEIVED: June 7, 2019

2ND PLACE

Aboveground Biomass Mapping of Benguet Pine (Pinus kesiya) Forest in Bokod, Benguet

RESEARCHERS:

Derek Bayer, Christine Parian, Ms. Nova Doyog. (adviser)

AWARDING ORGANIZATION

/CONFERRING BODY: BSU

DATE RECEIVED: June 7, 2019

3RD PLACE

Design, Fabrication and Performance Evaluation of a Batch-Type Fluidized Bed Coffee Roaster

RESEARCHERS:

Vanessa Rose Meana, Nazer Sarapeo Kimkiman, Engr. Alvin Dulay (adviser)

AWARDING ORGANIZATION

/CONFERRING BODY: BSU

DATE RECEIVED: June 7, 2019

Undergraduate level Social Category

BEST RESEARCH PAPER

"Ensuring Intergenerational Tie: Digitizing Pidlisian Folktales to Multimedia Based Learning System Applying Tradigital Framework"

RESEARCHERS:

Mac James Dacillo, Paul Joseph Nuval (adviser)

AWARDING ORGANIZATION

/CONFERRING BODY: BSU

DATE RECEIVED: June 7, 2019

2ND PLACE

"Value Chain Analysis of Swine (Sus scrofa) in Sablan, Benguet"

RESEARCHERS:

Justine P. Ayomen, Dr. Madeline Kingan (adviser)

AWARDING ORGANIZATION

/CONFERRING BODY: BSU

DATE RECEIVED: June 7, 2019

3RD PLACE

"The Governance of Local Economic Enterprise of Baguio City, and La Trinidad, Benguet"

RESEARCHERS:

Joylin Alcid, Mira Faith Ambugawon, Angeline Ballangan, Danice Bugarin, Jerren Lasaten, Dr. Renebeth Donguiz (adviser)

AWARDING ORGANIZATION

/CONFERRING BODY: BSU

DATE RECEIVED: June 7, 2019

Graduate level Social category

BEST RESEARCH PAPER

"Teacher-made Narrative and Student's Achievement, Retention and Interest in Grade 9 Chemistry"

RESEARCHERS:

Russel Fitz Wadasen, Dr. Joel Lubrica (adviser)

AWARDING ORGANIZATION

/CONFERRING BODY: BSU

DATE RECEIVED: June 7, 2019

Graduate level S & T category

BEST RESEARCH PAPER

"Fungal Contaminants of Arabica Coffee (Coffea arabica) Cherries and Green Coffee Beans from Selected Growing Areas in the province of Benguet"

RESEARCHERS:

Merlyn Denesia, Dr. Denisa Domondon (adviser)

AWARDING ORGANIZATION

/CONFERRING BODY: BSU

DATE RECEIVED: June 7, 2019

F. Publications Registered for Copyright Protection

The BSU Intellectual Property Right Office was able to register a total of 152 creations/compositions in the form of instructional materials, manuals, books, journals and other creative works to the National Library of the Philippines. The following is the list of publications registered for Copyright Protection.

How to Process Veggie Enriched Pancit Canton

AUTHORS: Violeta C. Baldasan-Salda and Jofrey Bayating CLASS: (O) Brochure

REGISTRATION: O2019-673 FILING DATE: March 5, 2019

How to Process Veggie Enriched Pandesal

AUTHORS: Violeta C. Baldasan-Salda and Jofrey Bayating CLASS: (O) Brochure

REGISTRATION: O2019-6747 FILING DATE: March 5, 2019

College of Teacher Education Extension Primer

AUTHOR: Percyveranda A. Lubrica CLASS: (O) Primer REGISTRATION: O2019-667 FILING DATE: March 5, 2019

Northern Philippine Root Crops Research and Training Center Extension Primer

AUTHORS: Hilda L. Quindara and Cynthia G. Kiswa
CLASS: (O) Primer *REGISTRATION:* O2019-672
FILING DATE: March 5, 2019

School-Based Management by Benguet Public Secondary School Heads: An Impact Analysis

AUTHORS: Percyveranda A. Lubrica, Manolita N. Alvaro, Ruth S. Batani, Jingle P. Cuevas, Alma Vida G. Gallardo, Dominador S. Garin and Imelda G. Parcasio *CLASS:* (O) Book
REGISTRATION: O2019-665 *FILING DATE:* March 5, 2019

Talina-Ay ti Panunut

AUTHORS: Angeli T. Austria, Melody S. Walsi-En, Maricris P. Lad-Ey, Larry A. Ballogan, Jr., Irene A. Alcantara and Fay Ann P. Farangan *CLASS:* (O) Mnemonics *REGISTRATION:* O2019-671
FILING DATE: March 5, 2019

A Guide on Making Homemade Ice Cream

AUTHORS: Jao-Jao A. Somyden, Rhea S. Contada, Pelin B. Belino, Johnabel T. Basatan and Ruda Fe A. Suanding *CLASS:* (O) Pamphlet
REGISTRATION: O2019-675 *FILING DATE:* March 5, 2019

Allawig

AUTHOR: Nora C. Sagayo *CLASS:* E) Dramatization
REGISTRATION: E2019-04 *FILING DATE:* March 5, 2019

BSU Extension Briefer

AUTHORS: Ruth S. Batani, Betty C. Listino, Ann Heather B. Kiwang, Nora C. Sagayo, Natividad R. Demot, Sherilyn Balauro, Christine Grace Fuchigami, Sergio T. Gayao, Casmir S. Ligat, Freddie L. Telesforo, Julie I. Calatan, John D. Dolinas, Jr., Maricel V. Dacnes, Annette D. Tanglib and Andrea Lyn B. Marzo *CLASS:* (O) Briefer *REGISTRATION:* O2019-668
FILING DATE: March 5, 2019

Ang mga Anak ng Lic-am

AUTHORS: Delia Sudcaren, Paul Joseph A. Nuval and Faith Belingon *CLASS:* (L) AudioVisual
REGISTRATION: L2019-210 *FILING DATE:* March 5, 2019

Ayasak di Minas (Whispers from the Mines)

AUTHORS: Paul Joseph A. Nuval, Mark Samueld. De Guzman, Richard A. Giye and Arneil A. Dumigsi *CLASS:* (L) AudioVisual *REGISTRATION:* L2019-212
FILING DATE: March 5, 2019

Biag ti Usok

AUTHORS: Jezebel L. Gumatay and Paul Joseph A. Nuval *CLASS:* (L) AudioVisual *REGISTRATION:* L2019-208
FILING DATE: March 5, 2019

Bayani sa Likod ng Teachers Camp

AUTHORS: Paul Joseph A. Nuval, Mark Samuel D. De Guzman, Apolinario A. Bagano Jr. and David Kidpo Jr. *CLASS:* (L) AudioVisual *REGISTRATION:* L2019-209
FILING DATE: March 5, 2019

Sagisag

AUTHORS: Paul Joseph A. Nuval, Mac James T. Dacillo, Desiree A. Esteban, Chamanei C. Elias and Dine Yve Daganos *CLASS:* (L) Audio-Visual
REGISTRATION: L2019-211 *FILING DATE:* March 5, 2019

Strawberry Production through Tissue Culture

AUTHOR: Milagros R. Dumaslan *CLASS:* (O) Brochure
REGISTRATION: O2019-670 *FILING DATE:* March 5, 2019

Farm Planning and Organic Agriculture Management Practices: A Training Manual

AUTHOR: Jamesly T. Andres *CLASS:* (O) Brochure
REGISTRATION: O2019-669 *FILING DATE:* March 5, 2019

Management of Potato Bacterial Wilt Kuyos/Dapog

AUTHORS: Andres A. Basalong, Grace S. Backian, Teresita D. Masangcay and Jophr L. Galian *CLASS:* (O) Brochure *REGISTRATION:* O2019-666
FILING DATE: March 5, 2019

Lecture Study Guide in VM 176 (Special Medicine)

AUTHOR: Loretta C. Romero *CLASS:* (A) Instructional Material *REGISTRATION:* A2019-598
FILING DATE: March 5, 2019

VM 122 Systemic Pathology Laboratory Manual

AUTHOR: Edlyn Mae N. Ciano *CLASS:* (A) Instructional Material *REGISTRATION:* A2019-599
FILING DATE: March 5, 2019

VM 121 General Pathology Laboratory Manual

AUTHOR: Edlyn Mae N. Ciano *CLASS:* (A) Instructional Material *REGISTRATION:* A2019-600
FILING DATE: March 5, 2019

VM 121 General Pathology Lecture Study Guide

AUTHOR: Edlyn Mae N. Ciano *CLASS:* (A) Instructional Material *REGISTRATION:* A2019-601
FILING DATE: March 5, 2019

Animal Breeding and Genetics Workbook

AUTHOR: Monaliz M. Nagrampa
CLASS: (A) Instructional Material
REGISTRATION: A2019-602 *FILING DATE:* March 5, 2019

Lecture Manual on Ruminant Health and Production

AUTHOR: Joseph A. Dianso
CLASS: (A) Instructional Material
REGISTRATION: A2019-603 *FILING DATE:* March 5, 2019

V20021 General Zoology Laboratory Manual

AUTHOR: Monaliz M. Nagrampa
CLASS: (A) Instructional Material
REGISTRATION: A2019-604 *FILING DATE:* March 5, 2019

Ingenious Concepts in Sewing

AUTHOR: Violeta B. Bugtong *CLASS:* (A) Instructional Material *REGISTRATION:* A2019-605
FILING DATE: March 5, 2019

Indigenous and Wild Edible Plant Species in the Highlands of Cordillera Region, Philippines

AUTHORS: Joyce N. Paing, Romeo A. Gomez, Jr. and Ronnel V. Pontino *CLASS:* (O) Research output
REGISTRATION: A2019-606 *FILING DATE:* March 5, 2019

Transformation of a Mountain School: A History of BSU

AUTHOR: Stanley F. Anongos Jr. *CLASS:* (A) Instructional Material *REGISTRATION:* A2019-607 *FILING DATE:* March 5, 2019

Trinidad Agricultural School, 1916-1941

AUTHOR: Stanley F. Anongos Jr. *CLASS:* (A) Instructional Material *REGISTRATION:* A2019-608 *FILING DATE:* March 5, 2019

Laboratory Manual In Gross Anatomy 2 (Comparative Anatomy)

AUTHORS: Ruth C. Diego Ana B. Mendoza Jocelyn M. Runas and Maureen P. De Vera *CLASS:* (A) Instructional Material *REGISTRATION:* A2019-609 *FILING DATE:* March 5, 2019

VM 112 Pathogenic Microbiology and Mycology Laboratory Manual

AUTHOR: Edlyn Mae N. Ciano *CLASS:* (A) Instructional Material *REGISTRATION:* A2019-610 *FILING DATE:* March 5, 2019

Research in Elementary Education

AUTHORS: Desiree F. Botengan and Divina M. Yango *CLASS:* (A) Instructional Material *REGISTRATION:* A2019-611 *FILING DATE:* March 5, 2019

BSU-CVM Research Manuscript Manual of Form & Style

AUTHORS: Loretta C. Romero and Ana B. Mendoza *CLASS:* (A) Instructional Material *REGISTRATION:* A2019-612 *FILING DATE:* March 5, 2019

Laboratory Manual in Zootechnics 12(Principles of

AUTHORS: Ana B. Mendoza , Monaliz M. Nagrampa and Loretta C. Romero *CLASS:* (A) Instructional Material *REGISTRATION:* A2019-613 *FILING DATE:* March 5, 2019

Animal Nutrition) Laboratory Manual in Veterinary Theriogenology

AUTHOR: Ana B. Mendoza *CLASS:* (A) Instructional Material *REGISTRATION:* A2019-614 *FILING DATE:* March 5, 2019

Laboratory Manual in Veterinary Systemic Physiology

AUTHOR: Ana B. Mendoza *CLASS:* (A) Instructional Material *REGISTRATION:* A2019-615 *FILING DATE:* March 5, 2019

Laboratory Manual in Veterinary Endocrinology and Reproductive Physiology

AUTHOR: Ana B. Mendoza *CLASS:* (A) Instructional Material *REGISTRATION:* A2019-616 *FILING DATE:* March 5, 2019

Laboratory Manual in Veterinary Pharmacology and Therapeutics 1 (Basic Pharmacology)

AUTHOR: Ana B. Mendoza *CLASS:* (A) Instructional Material *REGISTRATION:* A2019-617 *FILING DATE:* March 5, 2019

Laboratory Manual in Veterinary Pharmacology and Therapeutics II (Clinical Pharmacology)

AUTHOR: Ana B. Mendoza *CLASS:* (A) Instructional Material *REGISTRATION:* A2019-618 *FILING DATE:* March 5, 2019

Techno Guide Fermented Rice Making

AUTHORS: Lesley Dale G. Umayat, Norma P. Banania, and Elizabeth T. Dom-Ogen *CLASS:* (A) Instructional Material *REGISTRATION:* A2019-620 *FILING DATE:* May 10, 2019

Gross Anatomy of the Dog Laboratory Manual

AUTHORS: Ruth C. Diego, Ana B. Mendoza, Jocelyn M. Runas and Maureen P. De Vera *CLASS:* (A) Instructional Material *REGISTRATION:* A2019-621 *FILING DATE:* May 10, 2019

Instructional Manual in Food Processing

AUTHOR: Lesley Dale G. Umayat *CLASS:* (A) Instructional Material *REGISTRATION:* A2019-622 *FILING DATE:* May 10, 2019

VM 13 Veterinary Virology Lecture Study Guide

AUTHOR: Edlyn Mae N. Ciano *CLASS:* (A) Instructional Material *REGISTRATION:* A2019-623 *FILING DATE:* May 10, 2019

Vm 122 Systemic Pathology Lecture Study Guide

AUTHOR: Edlyn Mae N. Ciano *CLASS:* (A) Instructional Material *REGISTRATION:* A2019-624 *FILING DATE:* May 10, 2019

Vm 143 Special Parasitology

AUTHOR: Criselda S. Battad *CLASS:* (A) Instructional Material *REGISTRATION:* A2019-625 *FILING DATE:* May 10, 2019

ND 114 Nutrition in the Life Stages

AUTHOR: Imelda O. Degay *CLASS:* (A) Instructional Material *REGISTRATION:* A2019-626 *FILING DATE:* May 10, 2019

Classroom Management Practical Ideas for Preschool Teachers

AUTHOR: Marcelina L. Bolona *CLASS:* (A) Instructional Material *REGISTRATION:* A2019-627 *FILING DATE:* May 10, 2019

Database on Organic Agriculture in Benguet

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Database on Organic Agriculture in Mountain Province

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Communication Arts in the Elementary

AUTHORS: Alexandra S. Sad-Ang *CLASS:* (A) Instructional Material *REGISTRATION:* A2019-630 *FILING DATE:* May 10, 2019

Devc141 Visual Planning, Design And Production

AUTHORS: Michelle B. Gatab-Laruan & Igrelyn P. Pinos-An *CLASS:* (A) Instructional Material *REGISTRATION:* A2019-631 *FILING DATE:* May 10, 2019

Devc141 Visual Design and Techniques

AUTHORS: Igrellyn P. Pinos-An *CLASS:* (A) Instructional Material *REGISTRATION:* A2019-632
FILING DATE: May 10, 2019

Devc142 Visual Aids Planning and Production (Lecture Manual)

AUTHORS: Michelle B. Gatab-Laruan *CLASS:* (A) Instructional Material *REGISTRATION:* A2019-633
FILING DATE: May 10, 2019

Devc142 Visual Aids Planning and Production (Laboratory Manual)

AUTHORS: Michelle B. Gatab-Laruan *CLASS:* (A) Instructional Material *REGISTRATION:* A2019-634
FILING DATE: May 10, 2019

Devc142 Learning Module Development (Lecture Manual)

AUTHORS: Igrellyn P. Pinos-An *CLASS:* (A) Instructional Material *REGISTRATION:* A2019-635
FILING DATE: May 10, 2019

Devc190 Communication Internship (2015 Edition)

AUTHORS: Gretchen Shagami C. Hudson & Igrellyn P. Pinos-An *CLASS:* (A) Instructional Material
REGISTRATION: A2019-636 *FILING DATE:* May 10, 2019

Visual Communication and Design

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Devc102 Writing for Educational Communication Media (Laboratory Manual)

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REGISTRATION: A2019-638 *FILING DATE:* May 10, 2019

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Preschool Curriculum 2

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FILING DATE: May 10, 2019

Benguet State University

AUTHORS: Kara S. Panolong, Jennyline S. Tabangcura and Mark Samuel De Guzman *CLASS:* (A) Book
REGISTRATION: A2019-643 *FILING DATE:* May 10, 2019

Devc124 Advanced Development and Multimedia Writing (Lecture Manual)

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Devc130 Broadcast Speech and Performance (First Edition)

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Devc130 Broadcast Speech and Performance (Second Edition)

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Devc160 Multimedia Production (Laboratory Manual)

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Radio and Television Production

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Devc60 Interpersonal Communication in Development

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Devc70 Communication Society Devc70 Communication Society

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ZOOT 14 Poultry Health and Production Laboratory Manual

AUTHORS: Karen B. Gaerlan and Joseph A. Dianso *CLASS:* (A) Instructional Material *REGISTRATION:* A2019-658 *FILING DATE:* May 10, 2019

ZOOT 15-Swine Health and Production Laboratory Manual

AUTHORS: Richard P. Dumapis & Karen B. Gaerlan *CLASS:* (A) Instructional Material *REGISTRATION:* A2019-659 *FILING DATE:* May 10, 2019

ZOOT 16 Ruminant Health and Production Laboratory Manual

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AUTHORS: Nora C. Sagayo *CLASS:* (A) Instructional Material
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Module on Chemical Bonding

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Module on the Mole Concept

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AUTHORS: Ines C. Gonzales, Cynthia G. Kiswa and Teresita D. Masangcay *CLASS:* (A) Book
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Ex-Vitro Acclimatization of Micropropagated Callas

AUTHORS: Leila Mary A. Ayban, Jemma Rose M. Kilakil, Aracelli G. Ladilad, Nemie A. Chamollog and Phillip Tom B. Asi-As *CLASS:* (O) Brochure
REGISTRATION: O2019-3481 *FILING DATE:* September 16, 2019

Acclimatization of Micropropagated Anthurium Andreanum Cv. Acropolis

AUTHORS: Leila Mary A. Ayban, Jemma Rose M. Kilakil, Aracelli G. Ladilad, Nemie A. Chamollog and Phillip Tom B. Asi-As *CLASS:* (O)Brochure *REGISTRATION:* O2019-3482 *FILING DATE:* September 16, 2019

Ex-Vitro Acclimatization of InVitro Propagated Chrysanthemums

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Assessment Field, Validation and Documentation of EvidenceBased Ecosystem Adaptation Measures with Potential for Scaling-Up in Indigenous Cultural Communities

AUTHORS: Ruth Sidchogan-Batani, Romeo A. Gomez, Jr., Cheryll C. Launio, Betty C. Listino *CLASS:* (O) Research Output *REGISTRATION:* O2019-4064 *FILING DATE:* September 16, 2019

Orange Fleshed Sweetpotato as Source of Nutrition and Income in Vitamin A Deficiency Areas in the Cordillera Region

AUTHORS: Ines C. Gonzales, Hilda L. Quindara, Isidro B. Awal, Esther T. Botangen, Roger T. *CLASS:* (O)Research Output *REGISTRATION:* O2019-4062 *FILING DATE:* September 16, 2019

Adal sin Dagem (Lessons From Air)

AUTHORS: Gayumba, Pelin B. Belino, Ruth S. Batani Christine Grace S. Fuchigami, Jamar C. Garcia, Ruth S. Batani *CLASS:* (O) Documentary *REGISTRATION:* O2019-4067 *FILING DATE:* September 16, 2019

Good Practice Options in Insect Management for Cabbage, Carrot and Potato A supplemental guide for BSU- Technology and Innovation Menu in Climate Change Mitigation and Adaptation

AUTHORS: Andres A. Basalong Bonie S. Ligat *CLASS:* (O)Research Output *REGISTRATION:* O2019-4065 *FILING DATE:* September 16, 2019

National Conference Agri-Aqua Technology Business Incubation

AUTHORS: Erlinda B. Alupias, Gemma S. Das-Ilen, Ruth C. Diego, Richard P. Dumapis, Ana B. Mendoza, Monaliz M. Nagrampa *CLASS:* (O)Journal *REGISTRATION:* O2019-4066 *FILING DATE:* September 16, 2019

Varietal Evaluation and Selection of Salad Type Tomato Under Conventional Production in the Highlands

AUTHORS: Amelia M. Kimeu Remegio T. Calayan *CLASS:* (O)Research Output *REGISTRATION:* O2019-4061 *FILING DATE:* September 16, 2019

Techno Guide for Agricultural Practices (GAP) on Spray-Type Chrysanthemum Production

AUTHORS: Carlito P. Laurean, Teresita K. Mangili *CLASS:* (O)Research Output *REGISTRATION:* O2019-4063 *FILING DATE:* September 16, 2019

A Small Holder Agribusiness Incubation Story: BSU ATBI/IC Creating Agripreneurs

AUTHORS: Ruth C. Diego *CLASS:* (L)AudioVisual *REGISTRATION:* L2019-394 *FILING DATE:* November 11, 2019

Biological indexing of tissuecultured strawberry through leaf grafting

AUTHORS: Milagros R. Dumaslan *CLASS:* (O)Research Output *REGISTRATION:* O2019-5106 *FILING DATE:* November 11, 2019

Production of 'Lollo Rossa' Lettuce using Low Tunnel and Mulch under Frost-struck Area in Paoay, Atok, Benguet

AUTHORS: Darwin A. Basquial *CLASS:* (O)Brochure *REGISTRATION:* O2019-5105 *FILING DATE:* November 11, 2019

G. Publications Registered For ISBN/ISSN

A total of 96 publications were registered for ISBN and ISSN.

MJSIR Handbook

AUTHOR: REPO *REGISTRATION NO.:* 978-971-006-246-1
FILING DATE: March 5, 2019

Professional Communication

AUTHOR: Leonard T. Apilis *CLASS:* (A) Instructional Material
REGISTRATION NO. 978-971-006-302-4 *FILING DATE:* May 10, 2019

Mythology and Folklore

AUTHOR: Leonard T. Apilis *CLASS:* (A) Instructional Material
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Philosophy of Man

AUTHOR: Leonard T. Apilis *CLASS:* (A) Instructional Material
REGISTRATION NO. 978-971-006-300-0 *FILING DATE:* May 10, 2019

ESL230 Philosophical Foundation of Language Instruction

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Trinidad Agricultural School, 1916-1941

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FILING DATE: May 10, 2019

Laboratory Manual in Veterinary General Physiology

AUTHOR: Ana B. Mendoza *CLASS:* (A) Instructional Material *REGISTRATION NO.* 978-971-006-258-4
FILING DATE: May 10, 2019

Laboratory Manual in Veterinary Systemic Physiology

AUTHOR: Ana B. Mendoza *CLASS:* (A) Instructional Material *REGISTRATION NO.* 978-971-006-295-9
FILING DATE: May 10, 2019

Laboratory Manual in Veterinary Endocrinology and Reproductive Physiology

AUTHOR: Ana B. Mendoza *CLASS:* (A) Instructional Material *REGISTRATION NO.* 978-971-006-275-1
FILING DATE: May 10, 2019

Laboratory Manual in Veterinary Pharmacology and Therapeutics II (Clinical Pharmacology)

AUTHORS: Ana B. Mendoza *CLASS:* (A) Instructional Material *REGISTRATION NO.* 978-971-006-273-7
FILING DATE: May 10, 2019

Laboratory Manual in Veterinary Pharmacology and Therapeutics (Basic Pharmacology)

AUTHORS: Ana B. Mendoza *CLASS:* (A) Instructional Material *REGISTRATION NO.* 978-971-006-278-2
FILING DATE: May 10, 2019

Laboratory Manual in Veterinary Theriogenology

AUTHORS: Ana B. Mendoza *CLASS:* (A) Instructional Material *REGISTRATION NO.* 978-971-006-276-8 *FILING DATE:* May 10, 2019

Laboratory Manual In Gross Anatomy 2 (Comparative Anatomy)

AUTHORS: Ruth C. Diego Ana B. Mendoza Jocelyn M. Runas Maureen P. De Vera *CLASS:* (A) Instructional Material *REGISTRATION NO.* 978-971-006-311-6
FILING DATE: May 10, 2019

Laboratory Manual in Bread and Pastry Production

AUTHORS: Rodeliza A. Flores *CLASS:* (A) Instructional Material *REGISTRATION NO.* 978-971-006-330-7
FILING DATE: June 25, 2019

Empowering farmers' on the Seed Production of NSIC Approved Potato Varieties in Benguet and Mt. Province

AUTHORS: Ines C. Gonzales, Cynthia G. Kiswa, Teresita D. Masangcay *CLASS:* (A) Instructional Material *REGISTRATION NO.* 978-971-006-331-4
FILING DATE: June 25, 2019

DEV134: Introduction to Telecommunication for Development (Lecture Manual)

AUTHORS: Nora C. Sagayo *CLASS:* (A) Instructional Material *REGISTRATION NO.* 978-971-006-332-1
FILING DATE: June 25, 2019

DEV134: Introduction to Telecommunication for Development (Laboratory Manual)

AUTHORS: Nora C. Sagayo *CLASS:* (A) Instructional Material *REGISTRATION NO.* 978-971-006-333-8
FILING DATE: June 25, 2019

Advance Garment Construction and Adjustment Techniques

AUTHORS: Violeta B. Bugtong
CLASS: (A) Instructional Material *REGISTRATION NO.* 978-971-006-309-3 *FILING DATE:* June 25, 2019

Technical Writing for Bachelor of Science in Industrial Technology

AUTHORS: Shakira B. Herman *CLASS:* (A) Instructional Material *REGISTRATION NO.* 978-971-006-282-9
FILING DATE: June 25, 2019

Pagbasa at Pagsulat Tungo sa Pananaliksik

AUTHORS: Joan S. Inluban *CLASS:* (A) Instructional Material *REGISTRATION NO.* 978-971-006-266-9
FILING DATE: June 25, 2019

Indigenous and Wild Edible Plant Species in the Highlands of Cordillera Region, Philippines

AUTHORS: Joyce N. Paing, Romeo A. Gomez, Jr., Ronnel V. Pontino *CLASS:* (A) Instructional Material *REGISTRATION NO.* 978-971-006-329-1 *FILING DATE:* June 25, 2019

Contextualizing Teaching Practices in a Diversified Classroom: An Assessment

AUTHORS: Percyveranda A. Lubrica, Janet Lynn S. Montemayor, Janet Lynn S. Montemayor, Arnulfo C. Capili, Evelyn S. Angiwan *CLASS:* (O) Book *REGISTRATION NO.* 978-971-006-319-2 *FILING DATE:* June 25, 2019

School-Based Management by Benguet Public Secondary School Heads: An Impact Analysis

AUTHORS: Percyveranda A. Lubrica, Manolita N. Alvaro, Ruth S. Batani, Jingle P. Cuevas, Alma Vida G. Gallardo, Dominador S. Garin, Imelda G. Parcasio *CLASS:* (O) Book *REGISTRATION NO.* 978-971-006-320-8 *FILING DATE:* June 25, 2019

Influence of the State Universities and Colleges Accreditation to the Educational Management to the Institution

AUTHORS: Percyveranda A. Lubrica Desiree F. Botengan Esper L. Feliciano Froilan B. Manas *CLASS:* (O) Manual *REGISTRATION NO.* 978-971-006-321-5 *FILING DATE:* June 25, 2019

Laboratory and field Exercises in Phytonematology

AUTHORS: Nordalyn B. Pedroche, Luciana M. Villanueva *CLASS:* (A) Instructional Material *REGISTRATION NO.* 978-971-006-318-5 *FILING DATE:* June 25, 2019

Sociology of Development

AUTHORS: Constantino T. Sudaypan *CLASS:* (A) Instructional Material *REGISTRATION NO.* 978-971-006-336-9 *FILING DATE:* June 25, 2019

Assessment of Student Learning2

AUTHORS: Apler J. Bansiong *CLASS:* (A) Instructional Material *REGISTRATION NO.* 978-971-006-335-2 *FILING DATE:* June 25, 2019

Assessment Field, Validation and Documentation of Evidence-Based Ecosystem Adaptation Measures with Potential for Scaling-Up In Indigenous Cultural Communities

AUTHORS: Ruth SidchoganBatani, Romeo A. Gomez, Jr., Cheryll C. Launio and Betty C. Listino *CLASS:* (A) Research Output *REGISTRATION NO.* 978-971-006-337-6 *FILING DATE:* June 25, 2019

Orange Fleshed Sweetpotato as Source of Nutrition and Income in Vitamin A Deficiency Areas in the Cordillera Region

AUTHORS: Ines C. Gonzales. Hilda L. Quindara, Isidro B. Awal, Esther T. Botangen, Roger T. Gayumba, Pelin B. Belino, Ruth S. Batani *CLASS:* (A) Research Output *REGISTRATION NO.* 978-971-006-338-3 *FILING DATE:* September 16, 2019

Good Practice Options in Insect Management for Cabbage, Carrot and Potato A supplemental guide for BSU- Technology and Innovation Menu in Climate Change Mitigation and Adaptation

AUTHORS: Andres A. Basalong, Bonie S. Ligat *CLASS:* (A) Research Output *REGISTRATION NO.* 978-971-006-339-0 *FILING DATE:* September 16, 2019

Good practice options in Soil Management for Cabbage, Carrot and Potato

AUTHORS: Alexander W. Fagyan *CLASS:* (A) Book *REGISTRATION NO.* 978-971-006-342-0 *FILING DATE:* September 16, 2019

Good practice options in production for Cabbage, Carrot and Potato

AUTHORS: Belinda A. Tad-awan *CLASS:* (A) Book *REGISTRATION NO.* 978-971-006-340-6 *FILING DATE:* November 11, 2019

Techno guide for Agricultural Practices (GAP) on SprayType Chrysanthemum Production

AUTHORS: Carlito P. Laurean, Teresita K. Mangili *CLASS:* (O) Research Output *REGISTRATION NO.* 978-971-006-341-3 *FILING DATE:* November 11, 2019

National Conference AgriAqua Technology Business Incubation Proceedings

AUTHORS: Ruth C. Diego *CLASS:* (A) Journal *REGISTRATION NO.* 2704-4041 *FILING DATE:* November 11, 2019

H. Writeshops/ Trainings/ Seminars Conducted

A total of 122 seminars/trainings/writeshops/information dissemination activities were conducted by the various research centers, institutes, and colleges of the university with 8,065 participants.

OFFICE OF EXTENSION SERVICES <i>NUMBER OF TRAININGS CONDUCTED: 19</i> <i>NUMBER OF BENEFICIARIES: 1,672</i>	INSTITUTE OF SOCIAL RESEARCH AND DEVELOPMENT <i>NUMBER OF TRAININGS CONDUCTED: 7</i> <i>NUMBER OF BENEFICIARIES: 354</i>
OFFICE OF RESEARCH SERVICES <i>NUMBER OF TRAININGS CONDUCTED: 3</i> <i>NUMBER OF BENEFICIARIES: 363</i>	RESEARCH AND EXTENSION PUBLICATION OFFICE <i>NUMBER OF TRAININGS CONDUCTED: 2</i> <i>NUMBER OF BENEFICIARIES: 71</i>
OFFICE OF THE VICE PRESIDENT FOR RESEARCH AND EXTENSION <i>NUMBER OF TRAININGS CONDUCTED: 2</i> <i>NUMBER OF BENEFICIARIES: 101</i>	INTELLECTUAL PROPERTY RIGHTS OFFICE <i>NUMBER OF TRAININGS CONDUCTED: 6</i> <i>NUMBER OF BENEFICIARIES: 257</i>
CORDILLERA ORGANIC AGRICULTURE RESEARCH AND DEVELOPMENT CENTER <i>NUMBER OF TRAININGS CONDUCTED: 4</i> <i>NUMBER OF BENEFICIARIES: 136</i>	CLIMATE SMART AGRICULTURE CENTER <i>NUMBER OF TRAININGS CONDUCTED: 4</i> <i>NUMBER OF BENEFICIARIES: 198</i>
HIGHER EDUCATION REGIONAL RESEARCH CENTER <i>NUMBER OF TRAININGS CONDUCTED: 8</i> <i>NUMBER OF BENEFICIARIES: 314</i>	COLLEGE OF AGRICULTURE <i>NUMBER OF TRAININGS CONDUCTED: 4</i> <i>NUMBER OF BENEFICIARIES: 112</i>
HORTICULTURAL RESEARCH AND TRAINING INSTITUTE <i>NUMBER OF TRAININGS CONDUCTED: 9</i> <i>NUMBER OF BENEFICIARIES: 961</i>	INSTITUTE OF INFORMATION TECHNOLOGY <i>NUMBER OF TRAININGS CONDUCTED: 1</i> <i>NUMBER OF BENEFICIARIES: 152</i>
NORTHERN PHILIPPINES ROOT CROPS RESEARCH AND TRAINING CENTER <i>NUMBER OF TRAININGS CONDUCTED: 14</i> <i>NUMBER OF BENEFICIARIES: 472</i>	AGRI-BASED TECHNOLOGY BUSINESS INCUBATOR/INNOVATION CENTER <i>NUMBER OF TRAININGS CONDUCTED: 14</i> <i>NUMBER OF BENEFICIARIES: 324</i>
CORDILLERA REGIONAL APICULTURE CENTER <i>NUMBER OF TRAININGS CONDUCTED: 4</i> <i>NUMBER OF BENEFICIARIES: 340</i>	COLLEGE OF ARTS AND SCIENCES <i>NUMBER OF TRAININGS CONDUCTED: 2</i> <i>NUMBER OF BENEFICIARIES: 43</i>
INSTITUTE OF HIGHLAND FARMING SYSTEMS AND AGROFORESTRY <i>NUMBER OF TRAININGS CONDUCTED: 6</i> <i>NUMBER OF BENEFICIARIES: 175</i>	COLLEGE OF HOME ECONOMICS AND TECHNOLOGY <i>NUMBER OF TRAININGS CONDUCTED: 5</i> <i>NUMBER OF BENEFICIARIES: 142</i>
	COLLEGE OF TEACHER EDUCATION <i>NUMBER OF TRAININGS CONDUCTED: 8</i> <i>NUMBER OF BENEFICIARIES: 1,878</i>

OTHER R & E HIGHLIGHTS



VPRE Leadership Turn over

Dr. Ruth S. Batani accepts the responsibility as Vice President for Research and Extension from Dr. Carlito P. Laurean during the turn over ceremony held on October 28, 2019 at the Everlasting Hall, New R & E building.

Dr. Laurean served as VPRE from October 2015 to October 2019. Dr. Batani was also the former Director of OES before her designation as VPRE effective November 1, 2019.



2nd International Conference on Food, Environment and Culture
Benguet State University through the Research and Extension sector conducted the 2nd International Conference on Food, Environment, and Culture on November 27-29, 2019 held at Crown Legacy Hotel in the City of Baguio. The conference theme is "Building Climate Resilience through Inclusive Global Innovations". Belgium Ambassador to the Philippines H.E. Michel Goffin was the keynote speaker during the opening program on November 27 and Department of Agriculture Secretary Dr. William D. Dar was the guest of honor during the closing program on November 29. Local and international plenary speakers also shared their expertise in the field of food, environment, forestry and culture.



Inauguration of the Soil, Plant, and Water Laboratory

BSU Officials headed by BSU President Feliciano Calora, Jr. (4th from R) and DOST officials headed by DOST Secretary Fortunato Dela Peña (3rd from L) led the unveiling of the Soil, Plant, and Water Laboratory Marker at the New Research and Extension Building last July 26, 2019. (From L-R) Dr. Nancy Bantog, Dr. Reynaldo Ebor, Dr. Carlito Laurean, Dir. Juanito Batalon, La Trinidad Mayor Romeo Salda.



Pantas Awardee – Dr. Carlito P. Laurean

The BSU Research and Extension sector celebrates another achievement for 2019 as the University bagged the Pantas Award for Most Outstanding Research Administrator in the person of Dr. Carlito P. Laurean, the Vice President for Research and Extension. The Pantas Award is a yearly recognition given by the Department of Science and Technology-Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development (DOST-PCAARRD). This year's Award covers the 5-year accomplishment of the applicants in terms of research administration. Dr. Laurean, as a research administrator exemplifies leadership, competence, resilience and excellence which BSU, the Cordillera Administrative Region and the wider community benefit from.



Research Proposal Writeshop

The R & E Sector spearheaded the conduct of Research Proposal Writeshop held on June 24-28, 2019 for the first batch and on July 8-12, 2019 for the 2nd batch. The two activities were conducted at Awesome Hotel in San Juan, La Union. This activity also serves as an avenue for senior researchers to mentor the junior researchers and at the same time for faculty researchers to acquire additional knowledge on research writing.



Trainings

Hands-on training on Enhanced Postharvest Processing for Arabica Coffee and Coffee Cupping conducted by Institute of Highland Farming Systems and Agroforestry held on February 19-20, 2019 at Bektey, Pugu, La Trinidad



Hands-on demo on processing of sweetpotato and legume based food products (SP Puto, Camote -lemon juice, Pigeon Pea Cookies, Legume Crackers) conducted by NPRCRTC held on March 28, 2019

The detailed Annual Report of the Research and Extension Sectors is available at www.bsu.edu.ph



ADMINISTRATION AND FINANCE



Un'I
Together
in the Yuletide
Corporate Values Seminar &
Culminating LEADS Program

December 18, 2019
07:00AM @ Admin Building

ADMINISTRATIVE SERVICES DIVISION

The Administrative Services Division (ASD) is tasked with the formulation and updating of plans, programs, policies, guidelines and procedures pertaining to human resource management and development programs, records management, property and procurement management, maintenance of building and facilities, land reservation, security services, and transportation services. Among the accomplishments of the Division are as follows:

- Administration and implementation of the University Merit system for faculty and non-teaching personnel
- Enforcement of the rules and regulations for the University human resources in accordance to provisions prescribed by the Civil Service Commission and other pertinent laws and issuances.

- Safeguarding and Maintenance of ownership of BSU Land Reservation

Reported the following to the Office of the Vice President for Administration for appropriate action:

-illegal structures and activities within the University reservation

- Assisted the Housing Committee as member of the Housing Monitoring and Assessment Team
- Initiated a seminar on Records Management with a representative from the National Archives of the Philippines (NAP) who served as a Learning Service Provider (LSP)
- Convened and capacitated various designated Records Custodians with the knowledge on establishing an Office Records Inventory.
- A total of 13 varied Learning and Development (LEAD) activities were facilitated by the Human Resource Development Office, exceeding the target of 6 varied LEAD activities.

A. Human Resource Management and Development

The Human Resources Management and Development offices render core HR areas, duties and services. These are: a) Recruitment Selection and Placement or RSP; b) Learning and Development Services or LEADS; c) Continuing Professional Education (CoPE) Services; and 4G (Galing, Gandang-Loob, Gawa, at Gawad).

Table 12. University Personnel Profile as of December 2019

PERMANENT OR CASUAL	
<i>Number of Level I Permanent or Casual Personnel</i>	35
<i>Number of Level II Permanent or Casual Personnel</i>	391
NON-TEACHING JOB ORDER PERSONNEL OR CONTRACT OF SERVICE	
<i>Number of Personnel under STF</i>	134
<i>Number of Personnel Under STF-Fiduciary</i>	38
<i>Number of Personnel Under IGP</i>	43
<i>Number of Personnel Under GAA Fund</i>	14
<i>Number of Personnel Under Outside BSU Funded Projects</i>	49
<i>Subtotal of Non-Teaching Job Order or COS Personnel</i>	278
TEACHING JOB ORDER PERSONNEL OR CONTRACT OF SERVICE	
<i>Number of COS Faculty</i>	66
<i>Number of Adjunct Faculty</i>	2

Table 13. Number of employees serviced under Recruitment, Selection and Placement (RSP)

RECRUITMENT, SELECTION, AND PLACEMENT (RSP)	
Number of requests made to fill vacant or new positions	
NON-TEACHING	
<i>Permanent / Casual Employees</i>	55
<i>Job Order Personnel / Contract of Service</i>	125
Sub-total	180
TEACHING	
<i>Permanent Employees</i>	3
<i>Contract of Service Personnel</i>	42
Sub-total	45
TOTAL	225
Number of applications received	
NON-TEACHING	
<i>Permanent / Casual Employees</i>	298
<i>Job Order Personnel / Contract of Service</i>	473
Sub-total	771
TEACHING	
<i>Permanent Employees</i>	2
<i>Contract of Service Personnel</i>	64
Sub-total	66
TOTAL	837
Number of psychological testing conducted	
<i>Internal Clients</i>	440
<i>External Clients</i>	29
Number of appointments or contracts issued	
NON-TEACHING	
<i>Permanent Employees</i>	37
<i>Temporary</i>	1
<i>Contractual</i>	2
<i>Casual</i>	82
<i>Substitute</i>	5
<i>Job Order Personnel / Contract of Service</i>	454
Sub-total	581
TEACHING	
<i>Permanent Employees</i>	0
<i>Contractual</i>	1
<i>Substitute</i>	1
<i>Job Order Personnel / Contract of Service</i>	119
Sub-total	121
TOTAL	702
Number of Faculty Promotion (NBC 461) confirmed by the Board of Regents on November 2019	
Professor VI	6
Professor V	6
Professor IV	4
Professor III	5
Professor II	2
Associate Professor V	26
Associate Professor IV	17
Associate Professor III	21
Associate Professor II	25
Associate Professor I	22
Assistant Professor IV	22
Assistant Professor III	26
Assistant Professor II	22
Associate Professor I	58
Instructor III	6
Instructor II	5
Number of processed Separation from Service	
Retirement	14
Resignation	10
Death	1
Total	25

Table 14. Seminars facilitated under Learning and Development Services (LEADS)

2019 Psychological Testing Workshop
<i>VENUE:</i> LEADS Center; February 27-28, 2019
<i>NUMBER OF PARTICIPANTS:</i> 16 (5 Male, 11 Female)
Advocating Mental Health: Help Heal Lives
<i>VENUE:</i> CTE Function Hall; March 8-9, 2019
<i>*Open to employees, students, other agencies</i>
<i>NUMBER OF PARTICIPANTS:</i> 178 (39 Male, 139 Female)
University Citizen's Charter Streamlining
<i>VENUE:</i> Newtown Plaza Hotel; March 14-15, 2019
<i>NUMBER OF PARTICIPANTS:</i> 68 (27 Male, 41 Female)
Training-Workshop on the Preparation of Project Procurement Management Plan (PPMP)
<i>VENUE:</i> CTE Function Hall; April 2, 2019
<i>NUMBER OF PARTICIPANTS:</i> 120 (19 Male, 101 Female)
Benguet State University ISO 9001:2015 "How's of the Functional & Operational Objectives, KPI's, Targets and Programs"
<i>VENUE:</i> Metro Vigan Fiesta Garden Hotel, Ilocos Sur; April 4-5, 2019
<i>NUMBER OF PARTICIPANTS:</i> 45 (8 Male, 37 Female)
Orientation on the 2016 Revised Implementing Rules and Regulations of Republic Act No. 9184
<i>VENUE:</i> CTE Function Hall; May 14-15, 2019
<i>NUMBER OF PARTICIPANTS:</i> 105 (28 Male, 77 Female)
Public Accountability and Values Enhancement Seminar (PAVES)
<i>VENUE:</i> Ridgewood Hotel, Baguio City; June 10-11, June 24-25, June 27-28
<i>NUMBER OF PARTICIPANTS:</i> 114 (37 Male, 77 Female)
University Citizen's Charter Streamlining (Batch 2)
<i>VENUE:</i> Prince Plaza Hotel, Baguio City; July 8-9
<i>NUMBER OF PARTICIPANTS:</i> 70 (39 Male, 31 Female)
Public Accountability and Values Enhancement Seminar (Batch 4-6)
<i>VENUE:</i> Ridgewood Hotel, Baguio City; July 1-2, July 4-5, July 29-30
<i>NUMBER OF PARTICIPANTS:</i> 174 (112 Male, 52 Female)
Recreating Self and Purpose through Ecotherapy and Transcendence (RESPECT) for 2019-2021 Retirees
<i>VENUE:</i> Oldwoods by the Sea Nature Resort, Bani, Pangasinan; August 27-30
<i>NUMBER OF PARTICIPANTS:</i> 27 (11 Male, 16 Female)
Career Ladder Jumpstart Orientation V
<i>VENUE:</i> Citylight Hotel, Baguio City; September 11
<i>NUMBER OF PARTICIPANTS:</i> 858 (33 Male, 52 Female)
119th Philippine Civil Service Anniversary and 103rd BSU Foundation Day: Special Treats for Employees
<i>VENUE:</i> BSU HRDO LEADS Center; September 16-20
<i>NUMBER OF PARTICIPANTS:</i> 372 (141 Male, 231 Female)
Multi-Disciplinary Discourse VI
<i>VENUE:</i> CTE Function Hall; September 21
<i>NUMBER OF PARTICIPANTS:</i> 378 (108 Male, 270 Female)
PRAISE EVERLASTING Awards Program
<i>VENUE:</i> University Gymnasium; September 26
<i>NUMBER OF PARTICIPANTS:</i> 70 (28 Male, 41 Female)

Table 15. Seminars facilitated under Learning and Development Services (LEADS)

Psychological First Aid

VENUE: LEADS Center November 15, 19;
and December 26, 2019

NUMBER OF PARTICIPANTS: 16 (11 Male, 5 Female)

Career Ladder Jumpstart Orientation V – Teaching Competencies

VENUE: CTE Function Hall; November 19, 2019

NUMBER OF PARTICIPANTS: 64 (28 Male, 36 Female)

Administration and Finance Seminar Workshop on Process Streamlining

VENUE: Hotel Ariana, La Union; December 3-4, 2019

NUMBER OF PARTICIPANTS: 27 (16 Male, 11 Female)

Public Accountability and Values Enhancement Seminar (PAVES) Batch 7-9

VENUE: Newtown Plaza Hotel, Baguio City;
December 5-6; 9-10; 17 and 19, 2019

NUMBER OF PARTICIPANTS: 154 (56 Male, 98 Female)

Meeting of Minds: “Sharing of Best Service Practices”

VENUE: Batangas State University, Cavite State University,
Pangasinan State University; December 11-13, 2019

NUMBER OF PARTICIPANTS: 57 (10 Male, 47 Female)

BSU Corporate Values Seminar (CVS) & Culminating LEADS Program

VENUE: University Gymnasium; December 18, 2019

NUMBER OF PARTICIPANTS: 708 (326 Male, 382 Female)

Table 16. Number of employees serviced for Continuing Professional Education (COPE)

CONTINUING PROFESSIONAL EDUCATION (COPE) SERVICES			
Scholarships	M	F	Sub-total
<i>Local Scholarship</i>	1	5	6
<i>Scholarship/Assistantship Sponsored by Outside Person or Institution</i>	8	23	31
<i>*Scholars who were not yet able to complete their degree but returned to work</i>	4	5	9
<i>*Scholars who availed of reduced load/deloading only & returned to full time without having completed their degree</i>	2	1	3
<i>Scholars who finished their Degree</i>	3	7	10
TOTAL ACTIVE SCHOLARS			39
University Support for Short Foreign Travel (USSFT)	53	42	95
Thesis / Dissertation Assistance	3	3	6
Sabbatical Leave			
<i>Active</i>	1	0	1
<i>Grantees who returned to work</i>	0	3	3
TOTAL OF EMPLOYEES IN SABBATICAL LEAVE			4

Table 17. Awards given to employees

4G (GALING, GANDANG-LOOB, GAWA, AT GAWAD)	
IPCR Rating Trends Analysis for CY 2019	
<i>Outstanding Rating</i>	95%
<i>Very Satisfactory Rating</i>	5%
PRAISE EVERLASTING Awards Program	
EXCELLENCE IN JOB PERFORMANCE AND EXEMPLARS OF COMPETENCIES	
<i>Outstanding Teacher</i>	1 awardee
<i>Outstanding Research and Extension Manager</i>	1 awardee
<i>Outstanding Thesis Adviser</i>	4 awardees
SERVICE AT ITS BEST	
<i>Salamat-Mabuhay</i>	23 awardees 2 posthumous awardees
EXCELLENCE IN JOB PERFORMANCE AND EXEMPLARS OF COMPETENCIES	
<i>Kalsa Award (Most Distinguished Alumnus)</i>	4 awardees
<i>Special Citations</i>	35 awardees

B. Procurement, Supplies and Maintenance

The Procurement Management, Supply and Property Management, and General Services Offices has completed 16 infrastructure projects, made purchases amounting to 195,599,720.07; issued supplies and materials worth 114,653,626.72 and completed 2,106 projects related to repair and maintenance. The details are enumerated in Tables 19 and 20.

Table 18. Status of Infrastructure Projects

Storm Drainage	<i>PROJECT NAME</i>	Construction of Bio-fertilizer Production Facility
2017 GAA Capital Outlay	<i>SOURCE OF FUND</i>	697,532.32
14,927,466.01	<i>CONTRACT AMOUNT</i>	2018 GAA Capital Outlay
May 22, 2019	<i>DATE COMPLETED</i>	March 5, 2019
CHET Building – Phase II	<i>PROJECT NAME</i>	Exterior Repair of Gladiola Center
2017 GAA Capital Outlay	<i>SOURCE OF FUND</i>	IGI Capital Outlay
19,237,031.34	<i>CONTRACT AMOUNT</i>	1,141,634.53
Feb 4, 2019	<i>DATE COMPLETED</i>	Feb 7, 2019
BSU Bokod Laboratory Building	<i>PROJECT NAME</i>	Expansion of Medical Clinic – Phase I
2018 GAA Capital Outlay	<i>SOURCE OF FUND</i>	2018 IGI Capital Outlay
5,000,000.00	<i>CONTRACT AMOUNT</i>	2,747,399.20
Jan 28, 2019	<i>DATE COMPLETED</i>	Feb 6, 2019
Institute of Human Kinetics Building – Phase II	<i>PROJECT NAME</i>	Repair of Tangere Building
2018 GAA Capital Outlay	<i>SOURCE OF FUND</i>	2019 DOST PCAARRD
35,000,000.00	<i>CONTRACT AMOUNT</i>	598,046.11
Dec 29, 2018	<i>DATE COMPLETED</i>	March 9, 2019
Academic Building of Buguias – Phase II	<i>PROJECT NAME</i>	Repair of Virtual Lab of the College of Nursing
2018 GAA Capital Outlay	<i>SOURCE OF FUND</i>	2019 IGI Capital Outlay
9,999,999.10	<i>CONTRACT AMOUNT</i>	2,441,449.22
March 9, 2019	<i>DATE COMPLETED</i>	June 5, 2019
Animal Science Laboratory Building – Phase III	<i>PROJECT NAME</i>	Expansion of the University Clinic – Phase II
2018 GAA Capital Outlay	<i>SOURCE OF FUND</i>	2019 IGI Capital Outlay
6,761,757.12	<i>CONTRACT AMOUNT</i>	485,041.56
March 2, 2019	<i>DATE COMPLETED</i>	July 16, 2019
College Dormitory	<i>PROJECT NAME</i>	Repair of Road Network
2018 GAA Capital Outlay	<i>SOURCE OF FUND</i>	2019 GAA Capital Outlay
12,868,083.53	<i>CONTRACT AMOUNT</i>	3,719,999.97
June 7, 2019	<i>DATE COMPLETED</i>	Oct 24, 2019
Repair of the College of Nursing Building	<i>PROJECT NAME</i>	Rehabilitation of Motorpool
2018 GAA Capital Outlay	<i>SOURCE OF FUND</i>	2019 GAA Capital Outlay
274,427.95	<i>CONTRACT AMOUNT</i>	9,998,672.35
July 12, 2019	<i>DATE COMPLETED</i>	94.99% completed
Repair of Dev't Communication Lab Room	<i>PROJECT NAME</i>	Repair of Perimeter Fence of the R&E Complex
2018 GAA Capital Outlay	<i>SOURCE OF FUND</i>	2019 GAA-MOOE
671,771.44	<i>CONTRACT AMOUNT</i>	647,822.42
July 12, 2019	<i>DATE COMPLETED</i>	75% completed

Table 19. New Purchases processed for CY 2019

CATEGORIES	FUND CLUSTER				TOTAL	Percentage of Categories
	*GF (in PhP)	**IGI (in PhP)	***BTI (in PhP)	****SP (in PhP)		
Various Supplies and Materials	PhP 29,932,665.97	PhP 25,613,259.88	PhP 4,752,071.29	PhP 7,779,451.58	PhP 118,077,448.72	60.37%
Equipment	-	14,575,176.32	764,853.60	3,930,295.00	19,270,324.92	9.85%
Motor Vehicle	-	1,475,940.00	-	1,236,600.00	2,711,940.00	1.39%
Repair and Maintenance – Facilities	7,359,048.96	3,633,709.00	-	-	10,992,757.96	5.62%
Repair and Maintenance – Machine and Equipment	361,553.16	119,423.96	-	-	480,977.12	0.25%
Repair and Maintenance – Vehicles	1,288,471.12	251,653.00	-	-	1,540,124.12	0.79%
Services	4,234,822.08	11,748,536.01	-	1,006,594.41	16,989,952.50	8.69%
Infrastructure	19,085,167.00	5,852,981.56	-	598,046.11	25,536,194.73	13.06%
TOTAL	62,261,728.35	63,270,679.73	35,516,924.89	34,550,387.10	195,599,720.07	
Percentage of Fund Cluster	17.67%	32.35%	18.16%	17.67%		

Table 20. Issuance of Supplies and Materials, and Property, Plant, and Equipment (PPE)

Issued needed supplies and materials to concerned end-user units in accordance with their duly approved Requisition and Issue Slip (RIS). Prepared necessary accountability forms (Inventory Custodian Slip (ICS)) for tangible property below P15,000.00 issued to accountable officers. All required reports of issuance are submitted to concerned offices.

FUND CLUSTER	TOTAL AMOUNT OF ISSUANCE	AMOUNT WITH INVENTORY CUSTODIAN SLIP (ICS)
1. General Fund 101	26,364,345.44	6,538,441.40
2. Internally Generated Income (05-STF 164)	18,296,135.88	5,693,185.85
3. Business Type Income (06-Revolving Fund 161 & 163)	51,889,829.15	169,213.00
4. Trust Fund (07-Special Projects)	4,112,495.95	305,860.47
5. Trust Fund (07-TF 911)	13,990,820.28	2,126,491.89
TOTAL	114,653,626.72	14,833,192.61

Issued needed supplies and materials to concerned end-user units in accordance with their duly approved Requisition and Issue Slip (RIS). Prepared necessary accountability forms (Inventory Custodian Slip (ICS)) for tangible property below P15,000.00 issued to accountable officers. All required reports of issuance are submitted to concerned offices.

FUND CLUSTER	AMOUNT WITH INVENTORY CUSTODIAN SLIP (ICS)
1. General Fund 101	146,577.00
2. Internally Generated Income (05-STF 164)	14,868,977.08
3. Business Type Income (06-Revolving Fund 161 & 163)	169,799.00
4. Trust Fund (07-TF 911)	20,635,746.00
TOTAL	36,784,709.08

Table 21. Repairs and Maintenance Operations Conducted for CY 2019

ACTIVITY	TARGET NO. OF PROJECTS	NO. OF COMPLETED PROJECTS		ON-GOING	% OF ACCOMPLISHMENT
		Programmed	Un-programmed		
Repairs	47	41	---	6	87.23%
Maintenance	2059	1947	76	---	98.25%
TOTAL	2,106	1,988	76	6	92.74%

FINANCE SERVICES DIVISION

The Finance Services Division (FSD) under the VP for Administration and Finance is in charge of all financial transactions of the University. It ensures that all transactions are in accordance with existing rules and regulations.

Table 22. Document Processing and Issuance

DOCUMENTS / FORMS	NUMBER
Checks	Total = 2,022
General Fund	137
Special Trust Fund	791
Revolving Fund 161 and 163	376
Trust Fund 911	481
Special Projects	237
Disbursement Vouchers/Purchase Orders	Total = 11,700
General Fund	3,280
Special Trust Fund	2,358
Revolving Fund 161 and 163	988
Trust Fund 911	1,255
Trust Fun (Special Projects)	510
Purchase Orders	1,330
Purchase Requests	1,979

Table 23. Summary of Processed Financial Transactions as of December 31, 2019

FUND CLUSTER	No. of BUR/OBR PROCESSED	TOTAL ALLOT-MENT	AMOUNT OBLIGATED	UTILIZATION RATE
General Fund	2,408	542,272,827.00	513,735,260.17	94.74%
Special Trust Fund	2,403	245,935,844.62	138,692,246.33	56.39%
Revolving Fund 161 & 163	992	97,026,979.98	67,264,195.57	69.33%
Trust Fund 911	1,465	136,343,634.94	78,659,216.09	57.69%
Special Projects	581	26,855,380.95	14,242,565.09	53.03%
TOTAL	7,849	1,048,434,667.50	812,593,483.25	77.51%

Table 24. Summary of Disbursements

MONTH (CY 2019)	NCA	TOTAL DISBURSEMENT	DISBURSEMENT RATE
January	30,199,000.00	30,072,704.82	99.58%
February	40,504,000.00	27,478,737.95	67.84%
March	28,484,000.00	43,034,329.54	151.08%
April	49,577,000.00	39,677,222.94	80.03%
May	63,611,100.00	59,828,484.29	94.05%
June	30,829,000.00	43,559,334.92	141.29%
July	47,558,194.00	35,024,956.20	73.65%
August	41,409,523.00	28,189,001.02	68.07%
September	53,163,000.00	61,769,872.09	116.19%
October	54,472,377.00	45,407,673.88	83.36%
November	69,132,000.00	55,762,491.07	80.66%
December	48,686,500.00	71,119,300.27	146.08%
TOTAL	557,625,694.00	540,924,108.99	97%

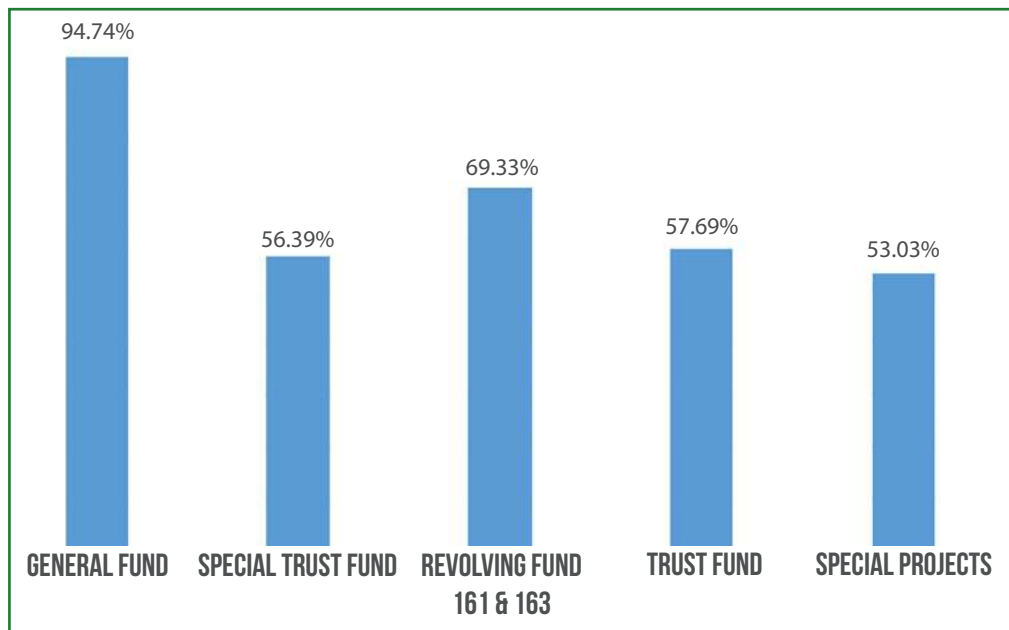


Figure 19. Utilization Rate of Allotments



Figure 20. Disbursement Rates for CY 2019

The detailed Annual Report of the Administration and Finance Sectors is available at www.bsu.edu.ph



Partnerships for On-the-Job Training (OJT) for students

The University through the Business Affairs Office signed a Memorandum of Agreement with three schools for On-the-Job Training (OJT) programs. These schools include Pangasinan State University (PSU) involving three students; Atok National High School involving 19 students; and Bokod National High School involving four students.

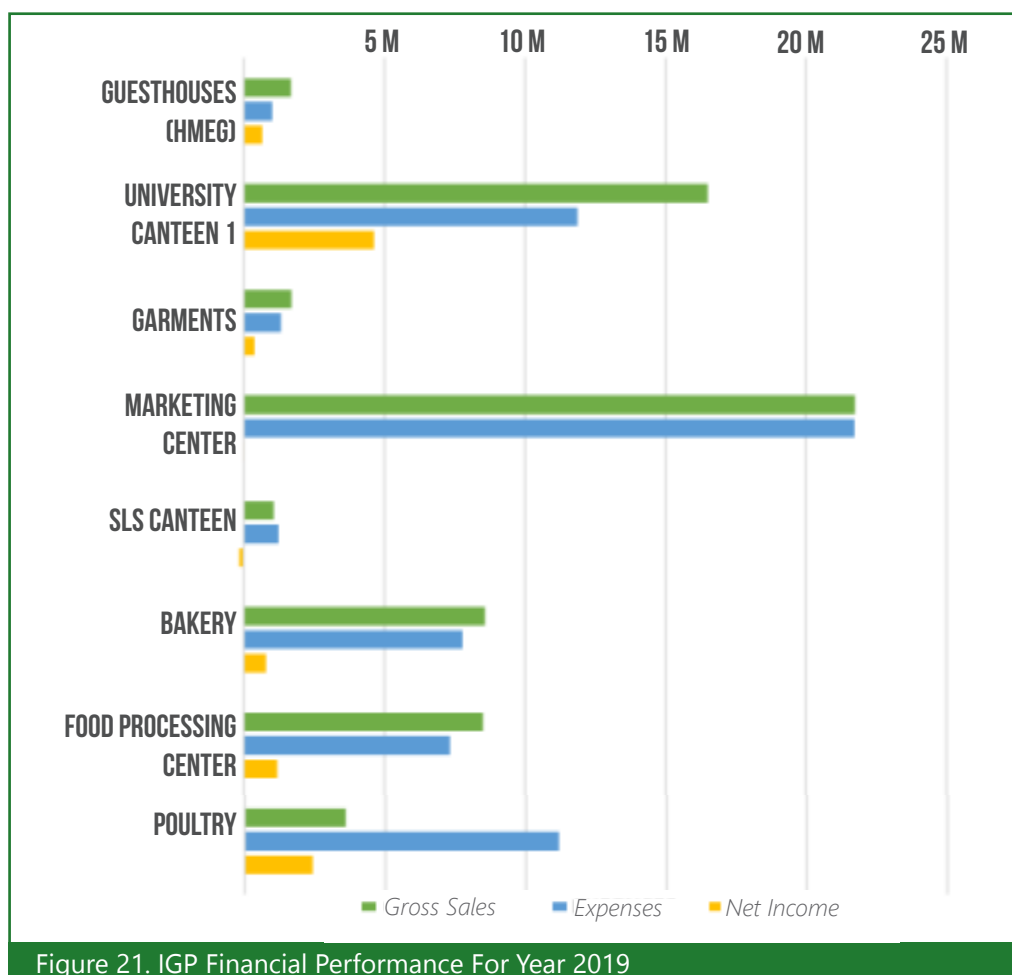
Benchmarking Activity

Dr. Norma P. Banania, Manager, and staffs from the Bakery Project attended the Bakery Fair at the World Trade Center in Manila on February 15, 2019 to benchmark on what is new in the baking industry.



IGP Updates

Table 25. Financial Performance of IGPs				
PROJECT	TOTAL REVENUE	TOTAL EXPENSES	NET INCOME	RETURN ON INVESTMENT
<i>REVOLVING FUND 161</i>				
BAKERY	8,575,930.85	42,678,511.84	798,470.55	10.27%
FOOD PROCESSING CENTER	8,504,059.55	7,325,088.50	1,178,971.05	16.09%
POULTRY	13,598,552.95	11,180,481.03	2,418,071.92	21.63%
TOTAL	30,678,543.35	26,283,029.83	4,395,513.52	
<i>REVOLVING FUND 163</i>				
GUEST HOUSES (HMEG)	1,671,402.00	1,020,894.20	650,507.81	63.72%
UNIVERSITY CANTEEN 1	16,503,819.74	11,874,677.32	4,629,142.42	38.98%
GARMENTS	1,700,227.25	1,318,295.42	381,931.83	28.97%
MARKETING CENTER	21,737,930.85	21,721,047.05	16,883.80	0.08%
SLS CANTEEN	1,065,132.00	1,228,344.25	(163,212.25)	-13.29%
TOTAL	42,678,511.84	37,163,258.24	5,515,253.61	
<i>*Figures were based from the Detailed Statement of Financial Performance Report from the Accounting Office.</i>				



From January to December 2019, the University Business Affairs (UBA) was able to generate Php 3,775,688.56 from parking fees at the Strawberry backfilled and Balili Parking areas.

MONTH	STRAWBERRY BACK-FILLED AREA	BALILI PARKING AREA	MOA PARKING (Balili, Tabangaoen, Backfill)
JANUARY	266,700.00		
FEBRUARY	283,740.00		
MARCH	247,880.00		
APRIL	335,730.00		
MAY	269,050.00		
JUNE	191,950.00		
JULY	139,140.00		
AUGUST	132,420.00		
SEPTEMBER	127,110.00		
OCTOBER	235,340.00	18,240.00	
NOVEMBER	272,040.00	20,790.00	
DECEMBER	478,760.00	16,630.00	
TOTAL	2,979,860.00	55,860.00	739,968.56



The new parking area at Balili near BSUCMPC started its operation on October 1, 2019

The UBA facilitated the renewal of MOAs with Farmer Co-operators and Sariling Sikap programs at the Strawberry Farm and other leasable properties of the University.

ISO 55001: 2014 Assets Management System

The University started the ISO 55001: 2014 for Asset Management System (AMS) journey in August 2019 with the supervision of the Quality Management System (QMS) team headed by Dr. Aurea Marie M. Sandoval and the Office of the Vice President for Business Affairs headed by Dr. Silvestre K. Aben.

The scope of the AMS include assets from Income Generating Projects (IGPs) to maximize the utilization of assets to increase production and the income being generated by the IGPs.

Table 27. Parking Fees Collection (Php)

LEASABLE AREA	Number of Lessees w/MOA
Balili Parking Area	52
Entrep Building	36
Farmer Incubatee	51
Farmer cooperator	262
Strawberry Fields-Hotel Area	23
Sariling Sikap	177
Umbrella Stalls	74
Betag Sattelite	23
Backfilled Area	246
Central Balili	8
Long Term Area	9
Tabangaoen	22
Private and Government	19
TOTAL	1,002



The AMS Team is composed of faculty and staff involved in the operations and management of the IGPs in the Business Affairs and the Administration and Finance Sectors. There are also select members from the QMS team who assisted the AMS Team in the documentation needed by the ISO 55001:2014 certification.



The detailed Annual Report of the Business Affairs Sectors is available at www.bsu.edu.ph



BENGUET STATE UNIVERSITY | University Public Affairs Office

OFFICE OF THE PRESIDENT



INTERNAL AUDIT SERVICES

I. Conduct internal audits to various sectors/divisions/colleges/departments/units/offices of the university.

A. Completed the following internal audits relative to the operational plan. The University President issued various memoranda for the implementation of the recommendations.

1. Compliance and Process Audit on continuing Professional Education Services (COPES) at the HRDO and HRDC, (IAR No. 2019-02, March 28, 2019).
2. Compliance and Process Audit on HRDO Processes: Learning and Development Services (LEADS), 4G (Galing, Gandang-Loob, Gawa at Gawad), Employees Psychological Testing (EPT) and other services, (IAR No. 2019-03, April 24, 2019).
3. Management and Compliance Audit on the College of Veterinary Medicine (CVM) Processes, (IAR No. 2019-05, June 28, 2019).
4. Settlement through installment payment of disallowances with COA Order of Execution, (IAR No. 2019-06, July 02, 2019).
5. Compliance and Process Audit at the University Business Affairs (UBA) on the Lot and Space Rentals of some tenants as of September 16, 2019, (IAR No. 2019-09, December 27, 2019).

B. On-going

1. Compliance and Management Audit on the processes of the Human Resource Management Office (HRMO) and
2. Results of the Internal Control Questionnaire conducted at the HRMO.

II. Follow-up on the implementation of the Internal Audit recommendations

A. Monitored and followed-up the implementation of the Internal Audit recommendations for the years 2017 and 2018, (IAR No. 2019-07, August 30, 2019). Management advised IAS to draft memo on non-implementation of audit recommendations and include proposed catch-up plan.

III. Monitor the implementation of the COA recommendations

1. Helped in the preparation of the management action and monitored the implementation of BSU on the COA Results of Evaluation for CY 2018, (IAR No. 2019-01, January 21, 2019).
2. Gathered the University's action plan and/or actions to be undertaken by the concerned offices to the audit observations and recommendations in the COA Annual Audit Report 2018, (IAR No. 2019-04, June 21, 2019).
4. Monitored and followed-up the implementation of BSU on the COA Results of Evaluation, (IAR No. 2019-08, September 27, 2019).

* Reports submitted to the Office of the University President for his information and guidance.

IV. Other Accomplishments of the Internal Audit Service (IAS)

1. Prepared, submitted and monitored Management Comment/s on various Audit Observation Memorandum (AOM).

* Received by COA on various dates from January 31, 2019 to November 28, 2019

2. Prepared the following communications signed by the President. Received by the Records Office and were released to the persons responsible/ liable and to the COA on various dates from January 8, 2019 to November 27, 2019.

a. Memo to thirty seven (37) employees for the settlement of Notices of Disallowance (NDs) and for the compliance of Credit Notices (CNs)"

b. Updates on actions taken re: Internal Audit Report (IAR) Nos. 2018-01 to 14 issued on various dates from January to December 2018."

c. Unnumbered Memo dated July 2, 2019 re: Settlement installment payment of disallowance with COE."

d. Office Memo No. 101, s. 2019 re: Implementation of IAS recommendations as per IAR No. 2019-05 dated June 29, 2019."

e. Letter to Mr. Bryan C. Bangnan re: AOM regarding the University's drugs and medicines."

f. Office Memo No. 138, s. 2019 dated September 11, 2019 re: Follow-up of the implementation of the University commitments in the AAPSI of the 2018 COA AAR."

g. Request letter to COA for lifting of suspension of vouchers covered by an Appeal Memorandum dated September 26, 2019.

h. Letter to Atty. Eden T. Rafanan, COA Regional Director re: AAPSI 2018 as of Sept. 27, 2019.

LEGAL AFFAIRS

A. LEGAL CASES

1. Civil Cases

The Legal Office currently has 33 cases lodged in various courts. So far BSU has won four of these cases and the rest are on-going.

2. Administrative Cases

Seven Notices of Disallowance from the Commission of Audit received by the University were appealed and petitioned by the Legal Office.

3. Administrative Cases (University)

Several complaints/ issues were raised against employees of the university which came under the jurisdiction of the Formal Investigation Committee and CODI. Some of these cases have already been resolved, decisions were rendered and some have become final and executory.

Table 28. Number of BSU cases lodged in courts

COURT	NUMBER
<i>RTC Branch 62 (La Trinidad, Benguet)</i>	4
<i>RTC Branch 10 (La Trinidad, Benguet)</i>	2
<i>RTC Branch 8 (La Trinidad, Benguet)</i>	1
<i>RTC Branch 7 (Baguio City)</i>	1
<i>MTC</i>	25
<i>Total</i>	33

Table 29. Volume of legal documents processed by the legal office

DOCUMENTS	NUMBER
Memorandum of Agreement/ Memorandum of Understanding- BSU and various Partners	105
Agreement- Housing	13
Contract of Services- BSU and Various Individuals	
Consent Forms-	
<i>Parental Consent and/ or Informed Consent</i>	366
Legal Undertaking	22
Waiver of Copyright Ownership	48
Various Affidavits	267
TOTAL VOLUME	881

B. LEGAL DOCUMENTS

Shown below is the volume of legal documents covering January 2019 to December 2019 that were prepared, reviewed and/ or notarized by the office.

C. OTHER LEGAL PROCESSES

- Drafted/reviewed/finalized contracts between BSU and various individuals and/ or agencies (international and local)
- Provided legal opinions to several issues of the different sectors of the University.
- Prepared Notices to various individuals with obligations to the University.
- Rendered legal assistance/counseling to various clients.
- Special participation when called for in meetings with the University President during special meetings/conferences.
- Attendance to several meetings/ conferences with other agencies/ institutions as representative of the University.
- Served as resource person to some University seminars/activities.

D. COMMITTEE MEMBERSHIP

Attended several meetings;
 Provided legal opinions, suggestions and recommendations.
 Conducted research and prepared briefs and reviews.

- Administrative Council
- Bids and Awards Committee
 - Committee for Lease of BSU Properties (Atty. R. B. Basco);
 - Committee on Infrastructure (Atty. A. C. Sacpa);
- Student Disciplinary Arbitration Board Committee
- University Housing Committee
- Disciplinary Committee
- Parking Management Committee
- Security Committee
- Formal Investigation Committee
- Committee on Decorum and Investigation

OFFICE OF QUALITY ASSURANCE AND ACCREDITATION

A. AACUP Accreditation

-Coordinated and facilitated AACUP Institutional Accreditation Consultation / orientation last April 16, 2019

-85.72% of AACUP benchmark statements (common documents for all colleges and academic institutes) updated.

-Coordinated and facilitated the CHED-Institutional Sustainability Assessment Orientation on April 23, 2019

-Coordinated and prepared the list of BSU Programs for accreditation for the AACUP accreditation FY 2019 and requested for corrections in DVM, BS Home Economics and BS Agribusiness

-Attended the AACUP's CB-4.0 Capability Building on Team Leadership and Program Accreditation for Level IV on May 22-24, 2019

-Coordinated and facilitated AACUP Accreditation Committee / IAB meeting for the Level IV Phase I visit on August 12-16, 2019, Level IV Phase 1 and Level I accreditation visit on September 2-6, 2019

-85.72% of AACUP benchmark statements (common documents for all colleges and academic institutes) updated

-Coordinated and facilitated the CHED-Institutional Sustainability Assessment Workshop on August 8-9, 2019

-Consolidated CHED-ISA Outputs from various KRA Concerned

-Coordinated the participants on the Training on Retooling Attended the AACUP's CB-4.0 Capability Building on Team Leadership and Program Accreditation for Level IV on May 22-24, 2019

B. BSU-Quality Management System

-Prepared the Terms of Reference to facilitate the procurement of Asset Management (ISO 55001) Consultancy Services

-Prepared Terms of Reference for Laboratory Calibration (ISO/IEC 17025:2005) for FY 2020 including the Budget proposal

-Monitoring, collection, measurement, analysis, and evaluation of customer feedback and Client satisfaction and feedback by the office

-Coordinated the conduct of BSU-IQA members retooling

-Coordinated the conduct of the Semi-annual BSU internal audit for the FY 2019

-Attended training on the How's of the Key Performance Indicator on April 4-5, 2019

-Conducted meeting with the BSU-QMS team / BSU-IQA team

-Audited the QMS processes of the College of Agriculture

-Monitoring, collection, measurement, analysis, and evaluation of customer feedback and Client satisfaction and feedback by the office

-Coordinated the conduct of the QS Star Rating System

-Coordinated the conduct of Semi-annual BSU internal audit for the FY 2019

-Conducted meeting with the BSU-QMS team / BSU-IQA team

-Coordinated and Facilitated Executive Management Review

-Helped and facilitated preparation and conduct of Follow-up Audit on October 23-24, 2019

C. Office concerns

-Conducted monthly office meetings

-Prepared documents for the cash advance (Travel order, Itinerary of travel) of BSU representatives for the AACUP Annual Conference, AACUP Seniors Training

-Prepared DV for the AACUP accreditation fee/ accreditation instruments

-Entertained faculty and staff from other colleges regarding accreditation concern

-Released available accreditation documents (hard and soft copies) to concerned faculty and staff.

-Coordinated the conduct of ISO 55001:2014 Asset Management System Training Workshops

-Prepared documents for the cash advance (Travel order, Itinerary of travel) for fetch and ferry team

-Prepared DV for the AACUP accreditation fee for August and September 2019

-Entertained faculty and staff from other colleges regarding accreditation concern

-Released available accreditation documents (hard and soft copies) to concerned faculty and staff.

PLANNING AND DEVELOPMENT OFFICE

A. PLANNING

1. Packaged the 2019 operational plans of Academic Affairs, Business Affairs, Research and Extension, Administration and Finance, and offices under the Office of the President.

2. Assisted in the planning activities of two (2) requesting units:

- a) BSU-Buguias Operational Planning on November 15, 2019
- b) CHET Operational Planning on November 28-20, 2019

3. Completed technical documents for eight (8) infrastructure projects and twenty (20) repair works

Infrastructure projects

- a) Rehabilitation of Motorpool
- b) Proposed Veterinary Medicine Animal Hospital Building
- c) Proposed Expansion of the Entrance Gate at Swamp
- d) Proposed Satellite Market Stalls at Swamp e) Bokod and Buguias Dormitory
- f) Proposed Graduate School, Open University and ECDC Building
- g) Construction of Connecting Ramp and Tiling of Clinic Entrance
- h) Multi-function office and Laboratory Development (CEAT)

Repair works

- a) Repair of CEAT Building
- b) Repair of RSDC Building
- c) Repair of CN Building
- d) Repair of CTE Building (Function Hall)
- e) Repair of the Veterinary Hospital Building
- f) Repair of Development Communication Laboratory Room
- g) Repair of CAS Little Theater
- h) Construction of Bio-fertilizer Production Facility for Instruction
- i) Rehabilitation and Upgrading of University Campus Lighting System
- j) Repair of Road Network
- k) Repair of Perimeter of R&D Fencing
- l) Repair of Drainage/ Waste Pipeline at Bakery, RSDC and FPC
- m) Upgrading of University Canteen
- n) CEAT Bldg. AVR (2nd flr.)
- o) CF Bldg. Rooftop
- p) Drainage system for the gymnasium, covered court, New Bldg. and the Oval
- q) CVM Bldg. (Backstage of anatomy)
- r) CN Bldg. Canopy
- s) Old Admin CRs
- t) Access road going to new CHET Bldg.

4. Prepared documents for the acquisition of Research and Development Building Permit.

5. Conducted Validation of Site Development Plan for La Trinidad Campus on July 16, 2019. Proposed Site Development Plan for BSU Main Hub uploaded at BSU DAMS.

6. Drafted the Protocols for Physical Plant and Landholdings Manual as a result of the harvesting workshop conducted on June 13 to 15, 2019.

7. Facilitated the 3rd Strategic Plan Review on November 20, 2019. Consolidated and packaged the University strategic plan accomplishments for 2017 to 2019.

B. MONITORING AND EVALUATION

1. Monitored the readiness of delivery units for evaluation of performance and accomplishments at the end of the period. During the 1st performance period, 14 delivery units out of the 70 units visited were not able to show their 2019 operational plans while there were 7 out of 66 delivery units for the 2nd performance period.

2. Monitored the implementation of sixteen (16) infrastructure projects and eight (8) repairs of various buildings

- a) Completion of College of Teacher Education-Frontage (CO 2016)
- b) Completion of College of Home Economics and Technology Laboratory Building (CO 2017)
- c) Completion of BSU-Bokod Laboratory Building (CO 2018)
- d) Construction of College Dormitory (CO 2018)
- e) Completion of 3-storey Academic Building- Buguias Campus (CO 2018)
- f) Completion of Animal Science Laboratory Building Phase III (CO 2018)
- g) Completion of Institute of Human Kinetics Building (CO 2018)
- h) Expansion of the University Clinic (STF 2018)
- i) Exterior Repair of Gladiola Center (MOOE 2018)
- j) Repair of NPRCRTC Building Exterior (MOOE 2018)
- k) Repair of the Tangere Building (Special Project)
- l) Rehabilitation of Motorpool (CO 2019)
- m) Repair of Road Network
- n) Repair of R and D Fencing
- o) Graveling of BSU Strawberry Farm Farming
- p) Construction of Bio-fertilizer Production Facility for Instruction

Repairs of eight (8) Academic Buildings

- a) Repair of CEAT Building
- b) Repair of RSDC Building
- c) Repair of the CN Building
- d) Repair of CTE Function hall
- e) Repair of the Veterinary Hospital Building
- f) Repair of the DevCom Laboratory Building
- g) Repair of CAS Little Theater
- h) Retrofitting of Virtual Lab

3. Assessed 74 employee-built housing units.

4. Assessed 10 academic buildings.

- a) Floriculture building
- b) Horticulture building (Old)
- c) Horticulture building (New)
- d) Institute of Public Administration Building
- e) Northern PRTRTC
- f) Benguet Vegetable Processing Center
- g) ATBI
- h) Food Innovation Center
- i) DA-BAR
- j) CEAT-Building 2

5. Started space utilization study of BSU Academic Buildings

C. MANAGEMENT INFORMATION SYSTEM

1. Updated database on BSU landholdings, buildings and housing units.

2. Provided available documents to academic programs for accreditation

3. Processed and transmitted data required by oversight agencies (DBM, NEDA, CHED)

GENDER AND DEVELOPMENT OFFICE

SUMMARY OF ACCOMPLISHMENT

1. Six (6) Infrastructure Projects (Construction of School Buildings) was attributed

Table 30. Attributed infrastructure projects		
INFRASTRUCTURE PROJECTS	ATTRIBUTION	AMOUNT
<i>A. Continuing Projects:</i>		
<i>Completion of BSU Bokod Laboratory Building</i>	67%	1,419,133.70
<i>Completion of Institute of Human Kinetics Building</i>	67%	5,860,049.14
<i>Completion of BSU-Buguias Academic Building</i>	67%	3,364,981.25
<i>Construction of Animal Science Laboratory Building;</i>	67%	4,530,377.27
<i>Construction of BSU College Dormitory</i>	67%	8,621,615.97
<i>B. For Implementation:</i>		
<i>Rehabilitation of Motorpool</i>	67%	6,363,747.53
<i>Total</i>	33	34,831,590.97

2. Client-focused Activities

- 2 Sports Competition Participation
- 3 GAD-Responsive Leadership Training for Student Leaders
- 6,344 students oriented on 8 GAD Orientation/ For a
- 2 report related to related to information education campaign for boarding house owners

3. Organization-focused Activities

- 6 gender responsive researches related to GAD
- 8 Gender Mainstreaming capability building training/workshop/seminars conducted appropriate for each sector to enhance professional/occupational skills in integrating GAD in their field of specialization
- 1 Publication Writing Training-Workshop for BSU Faculty and student
- 3 Batch: Training on Mainstreaming Gender Perspective in DRRM and Basic First Aid; Module 1
- 4 Batch: Training on Mainstreaming Gender Perspective in DRRM: Intensive Basic Life Support; Module 2
- 7 bulletin boards set-up and maintained GAD information in strategic areas
- 4 of climate change related reports and related activity
- 1 Gender Sensitivity Training conducted for 49 newly hired personnel (continuing activity)
- 3 extension conduct on Gender Responsive extension activity based on the needs assessment of communities
- Subscription on Newspapers, Follet, Grammarly, Worldbook Online, CABI Abstract CAB ebook and Procurement of 34 GAD related books
- 5 Capability building/ training/ seminars/ workshop attendance for GFPS-members on GAD related updates and mandates

4. 6 GFPS-TWG and Office meetings

5. Maintenance of Lactation Station facility

6. Establishment of Child-minding Facility

7. Distributions of IEC materials

8. 4 DRRM Meeting coordinated with the Ad Hoc Committee Members

9. 3 Attendance represented the President to the Regional GAD Committee Meetings

10. Attendance-Participation to 3 National and 1 Regional GAD-related activities

11. Technical assistance given to other SUC's, LGU's and NGA's

12. Maintenance of the Sex-Disaggregated Data in various offices

13. Sustain the operations of GAD Office

HIGHLIGHTS OF THE 2019 PAPS:

For successive number of years, the GAD Office has supported the development of the University through the organizing and conducting of seminars and workshops. It adheres to the principle that development is for all and ensures the equal distribution of opportunities, resources, and benefits among BSU faculty, personnel and staff as well as students.

To promote gender programs in all sectors under Academic, Research and Extension, Business Affairs and the Administration and Finance as well as to provide recommendation to be gender responsive in its development efforts at the main campus and for the external campuses of the University. The following are the different thematic areas in succession:

Academic
Advocacy and trainings
Climate Change
GAD Responsive Infrastructure project
DRRM
GAD Data base
GAD Knowledge Management
Policy Review Development
Reproductive Health
Research and Extension and Sports

The GAD Office generated the 2019 BSU-GAD Accomplishment Report amounting to Php 32,146,472.68 summarized in Table 31.

Table 31. BSU-GAD Accomplishment Report 2020			
GAD- PAP'S	ACTUAL	ATTRIBUTED	ACTUAL +ATTRIBUTED
A. Client-Focused Activities	200,553.95	57,533.00	258,086.95
B. Organization Focused Activities	552,713.28	266,565.00	819,278.28
C. Meetings	2,380.00	83,459.51	85839.51
D. Salary	679,588.09	679,588.09	679,588.09
E. Supplies, Materials, Equipment's	143,775.00	143,775.00	143,775.00
F. Buildings Projects	0	45,014,783.36	30,159,904.85
Total	1,579,010.32	31,390,825.45	32,146,472.68

UNIVERSITY PUBLIC AFFAIRS OFFICE

INFORMATION AND MEDIA SERVICES

- UPAO moderates four active and official accounts for Benguet State University in Facebook, Instagram, Youtube and Twitter
- More than 10 FB pages are moderated by other University offices.

VISIBILITY REPORT SUMMARY

- Facebook: Benguet State University page likers has increased from 22,102 in 2018 to 29,113 in 2019. The total page followers has also increased from 22, 520 to 29, 830. Other insights say that more women view the BSU FB page than men. Most viewers are aged 18-24 followed by ages 25-34 then 35-44. Top countries who view include the Philippines, Canada, Saudi Arabia, Hongkong. More people view using their smartphones compared to those who view using their computers.
- YouTube: There are 310 subscribers as of December, marking an 8% increase. Top viewers are from Philippines, Thailand and Korea. People watch using mobile phone, computer, tablet, TV and game console.
- Instagram and Twitter: There are 1,523 followers in Instagram and 164 followers in Twitter.

UNIVERSITY ADVERTISEMENTS

Advertisements with a total cost of 59,332.00 were facilitated by UPAO. These are published in/by Epiphany Christian Academy of La Trinidad, Sunstar Baguio, San Jose Parish, Exherald Publishing Inc., ICON Magazine, NAKEM Conferences Philippines, UP Alumni Association, DOST-PCAARRD Graduate Alumni Assoc. and Hamada Printers & Publishers Corp.

ALUMNI AFFAIRS

- Alumni Office is established as a “division” under the UPAO with a designated Alumni Relations Officer (6 units ETL)
- Office/ process is included in the ISO process
- Alumni Directory 2008-2018 are already in place
- Alumni Tracking Form dissemination – ongoing

PUBLICATIONS AND TARPAULINS

- 12 issues of Shamag, Annual Report 2018, Commencement Exercises Souvenir Program, Foundation Anniversary Program Paper, Presentation Folder and BSU notebook were produced.
- A total of Php 248,119.50 worth of tarpaulin posters were spent by the University from January-December 2019.

VISITOR COUNT:

- A total of 2386 persons/ visitors were accommodated from January- October 2019 in which 498 visitors (the highest in number) was recorded in May 2019.
- The main purpose of these visitors is to benchmark and have a campus tour.
- The most frequent visited center is the Marketing Center as it serves as the last stop for the visitors. The next frequently visited centers/ officers are the Bakery, Food Processing Center and ULIS.
- Other frequently visited offices are the FSRIC, UBA, OQAA and R and E.

OFFICE OF THE UNIVERSITY BOARD SECRETARY

A. Meetings documented

1. Administrative Council Meetings

-Management has decided that the sectors will meet one month before the Administrative Council meeting to discuss items prior to elevating these to the Administrative Council. The objective of the established protocol is to empower the sectors as this process usher broader participation in decision making. All agenda items which will be brought to the level of the Administrative Council will have to be indorsed by each respective sector.

Given this schedule, the number of Council meetings have been lessened. A total of six administrative council meetings with 132 actions have been documented.

2. Academic Council Meetings

There were two (2) University Academic Council Meeting held on January 14 and June 6, 2019.

3. Board of Regents Meetings

- Completed staff works on retrieval of agenda items to release of BOR RES. to clients
- Complete staff work on logistics needed during meetings

There were two (2) Regular and one (1) Special Board of Regents meeting held for 2019. The first two meetings were held at The Forest Lodge, Camp John Hay, Baguio City. These were the 189th and 190th Board of Regents Meetings. Meanwhile, the 191st Special Board of Regents meeting was held at CHED HEDC bldg., UP Campus, Diliman.

B. Referendum

There were 36 BOR Referenda, 2 Administrative Council Referenda and 1 Academic Council Referendum passed for the year 2019.

The detailed Annual Report of the Offices under the Office of the University President is available at www.bsu.edu.ph



Scan the QR code below to access the detailed 2019 Annual Reports of all BSU sectors.

2019 BOARD OF REGENTS



Hon. Lilian A. De Las Llagas
Commissioner- CHED
Chair Designate



Hon. Feliciano G. Calora, Jr.
University President
Vice-Chair



Hon. Francis Joseph G. Escudero
Chair
Senate Committee on Education and Culture



Hon. Paulo Everardo S. Javier
Congressional Committee on Higher
and Technical Education



Hon. Milagros A. Rimando
Regional Director
NEDA-CAR



Hon. Nancy A. Bantog
Regional Director
DOST-CAR



Hon. Cameron P. Odsey
Regional Executive Director
DA-CAR



Hon. Marvin S. Chagyo
President
BSU Alumni Association



Hon. Ryan C. Guinaran
Representative
Private Sector



Hon. Delmar O. Cariño
Representative
Private Sector



Hon. Louisa P. Pladio
President, Faculty Club Federation
January-May 2019



Hon. Imelda P. Degay
President, Faculty Club Federation
August 2019-present



Hon. Gabriel S. Tugbo
President
BSU-SSG Federation



Dr. Grace T. Bengwayan
University and Board Secretary



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