

# BENGUET STATE UNIVERSITY

Bokod • Buguias • La Trinidad

*Annual Report*  
2020



# BSU CARES

Challenge innovation  
Advance technology and facilities  
Revitalize administration  
Engender partnership  
Serve to sustain intergenerational roles





Republic of the Philippines  
**Benguet State University**  
2601 La Trinidad, Benguet  
[www.bsu.edu.ph](http://www.bsu.edu.ph)

*Office of the University President*

HIS EXCELLENCECY RODRIGO ROA DUTERTE  
President  
Republic of the Philippines  
Malacañan Palace, Manila

Mr. President:

It is my pleasure to present the Benguet State University Calendar Year 2020 Annual Report.

The report highlights significant achievements of the University in the various services, under the sectors of Academic Affairs, Administration and Finance, Business Affairs, and Research and Extension and offices under the University President. It also presents the initiatives of the University in addressing the challenges posed by the COVID 19 pandemic.

I am grateful for all the endless support to the University as we continue to deliver world-class education and quality service.

Sincerely,

FELIPE SALAING COMILA  
University President

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# Executive Summary

The year 2020 was filled with challenges because of the COVID-19 Pandemic. Despite this, the collective efforts of the University sectors- Academic Affairs, Administration and Finance, Business Affairs, and Research and Extension achieved several accomplishments. All possible adjustments were done by faculty members to reach out to students who were mostly below 21 years old and not allowed to go out of their homes during the various quarantine periods.

**Instruction.** Fifty-three (53) of the degree programs offered by the University are re-accredited by the Accrediting Agency of Chartered Colleges and Universities in the Philippines, Inc. (AACUP) at various levels; while nine (9) degree programs were awarded Certifications of Program Compliance (CoPC) by the Commission on Higher Education (CHED) bringing the total number of programs with CoPC to 32.

The University produced 925 graduates during the year: 831 are graduates from BSU La Trinidad, 43 from BSU Bokod, and 51 from BSU Buguias. The University, thru a funding from CHED also received a three-star rating under the QS Stars. Various internationalization initiatives and activities were also participated in by the different units under the sector.

**Research and Extension.** A total of 64 research studies were completed, 21 research articles were published, 109 research papers were presented, 32 awards were received by researchers, and 27 Utility Model Applications were published by IPOPHL.

Another milestone for the Northern Philippine Root Crops Research and Training Center (NPRCRTC) is when it formally received its certificate of accreditation as potato seed producer on November 11, 2020 from the National Seed Quality Control Services of the Bureau of Plant Industry (BPI). This is after complying with the findings and recommendations of the BPI evaluation team.

Meanwhile, the Cordillera Consortium on Agriculture Aquatic Resources Research and Development (CorCAARRD) placed 2<sup>nd</sup> runner-up in the UGNAY Awards held virtually on December 22, 2020 as part of PCAARRD's anniversary celebration. The award is granted by the Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development (PCAARRD) to recognize outstanding performing Consortia nationwide. The Consortium received a trophy, plaque of recognition, and Php 800,000.00 cash incentive from PCAARRD.

**Administration and Finance.** To comply with COVID-19 policies and guidelines or preventive measures, the sector has implemented separate entry and exit at the Administration Building as part of the safety and health procedures required within the University. To continue operating, the work plan arrangement of each office has also been

supervised and monitored based on the IATF omnibus guidelines on the implementation of the General Community Quarantine (GCQ), and in compliance with *Office Memorandum No. 65, s. 2020 Guidelines for the COVID-19 for July, 2020* and *Office Memorandum No. 79, s. 2020 Updated Guidelines for the COVID-19 Modified General Community Quarantine Period Effective August 2020*. Triage is done on a monthly basis for all employees and those with transactions within the University.

**Business Affairs.** For the year in review, the COVID-19 pandemic greatly affected the management and operations of the UBA. Despite the set-backs by this phenomenon, the IGPs and IGLs still managed to operate. Some projects gained, while some incurred a negative net income.

The OVPBA continued to monitor the operations of the different IGPs and IGLs despite the COVID-19 Pandemic. Some staff were recommended for work-from-home arrangement while the rest reported. Basic operations of the UBA were still in place like the remittance of daily income, procurement of office supplies, maintenance of cleanliness, peace and order in leasable properties, and monitoring of parking areas.

Majority of the IGPs were back to normal operations in the last quarter of 2020. A performance review of the different IGPs was conducted on October 1, 13 and November 19, 2020 in preparation for the 2021 Internal Operating Budget (IOB).

**Office of the President.** As for the Offices under the President, these offices continuously support the operations of the University. The PDO database has been updated, ISO surveillance and AACUP accreditation visits were efficiently coordinated and conducted virtually, and the UPAO has been strengthening the presence of the University thru various platforms. The OUBS facilitated all meetings of the BOR, Administrative and Academic Councils. This year, the OUBS had also facilitated the selection process for the 7<sup>th</sup> BSU President.

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.

**University COVID-19 Initiatives.** BSU, in all its capacity initiated donation drives for its students, employees and community members who were stranded because of the various travel restrictions due to the COVID-19 Pandemic. Many employees also volunteered their services not only within BSU but also in other municipalities or provinces.

The University allowed several of its facilities to be used and managed by the Local Government Unit (LGU) for COVID-19 response. During the period, the University is represented in the PIATF and MIATF that make decisions on COVID-19 response.



*The abandoned University premises during the Enhanced Community Quarantine implemented in La Trinidad on the first quarter of 2020, similar to many parts of the world.*

# INSTRUCTION

The activities of the University were greatly affected by the threat of the COVID-19 Disease. On March 13, 2020, the Provincial Governor declared the suspension of classes from 1 PM of March 13 until March 22, 2020. With the declaration of a State of Public Health Emergency (Proclamation No. 922), and the entire Luzon placed under Enhanced Community Quarantine (Memorandum of the Executive Secretary), all activities were geared towards ensuring that the University continued to operate following guidelines and issuances by the national and local government units.

The University is offering a total of 83 programs on its three (3) campuses. This number includes the three (3) new undergraduate programs: BS Biology, BS Chemistry, and BS Mathematics first offered in the SY 2020-2021.

Fifty-three (53) of the degree programs offered by the University are accredited by the Accrediting Agency of Chartered Colleges and Universities in the Philippines, Inc. (AACUP) at various levels while nine (9) degree programs were awarded Certifications of Program Compliance (CoPC) by the Commission on Higher Education (CHED) bringing the total number of programs with CoPC to 32.

The University, as a result of the suspension of face-to-face classes, has transitioned to flexible learning. Various modes of delivery were implemented depending on the capacity of students and their internet access.

There was an increase (13.85%) in the number of enrollees during the SY 2020-2021, because of full sections for first year students. However, a decrease of enrollees in the graduate programs (22.13% in masteral programs and 23.79% in doctoral programs) was recorded.

The University produced 925 graduates during the year: 831 are graduates from BSU La Trinidad, 43 from BSU Bokod, and 51 from BSU Buguias.

The University also received a three-star rating under the QS Stars. Various internationalization initiatives and activities were also participated in by the different units under the sector.

# Curriculum and Instruction

The following is the list of programs offered by the University with their corresponding AACUP Accreditation and CopC status.

## COLLEGE OF AGRICULTURE

1. Doctor of Philosophy in Agronomy	LEVEL III
2. Doctor of Philosophy in Rural Development	LEVEL III
3. Doctor of Philosophy in Horticulture,	LEVEL III
4. Master of Science in Agribusiness Management,	LEVEL II
5. Master of Science in Agricultural Economics	LEVEL III
6. Master of Science in Agronomy	LEVEL III
7. Master of Science in Animal Science	LEVEL IV
8. Master of Science in Entomology	LEVEL III
9. Master of Science in Horticulture	LEVEL III
10. Master of Science in Plant Pathology	LEVEL III
11. Master of Science in Rural Development	LEVEL III
12. Master of Science in Soil Science	LEVEL III
13. Bachelor of Science in Agriculture	LEVEL III, with CoPC
14. Bachelor of Science in Agribusiness	LEVEL III, with CoPC
15. Bachelor of Science in Development Communication	LEVEL III, with CoPC

## COLLEGE OF ARTS AND SCIENCES

16. Doctor of Philosophy in Language – English Language	LEVEL II
17. Doctor of Philosophy in Language – Filipino Language	LEVEL II
18. Doctor of Philosophy in Science Education – Biology	LEVEL II
19. Master of Science in Biology	LEVEL II, with CoPC
20. Master of Science in Environmental Science	with CoPC
21. Master of Arts in Applied Statistics	LEVEL II
22. Master of Arts in General Science	LEVEL II
23. Master of Arts in Chemistry	LEVEL II
24. Master of Arts in English as a Second Language	LEVEL II, with CoPC
25. Master of Arts in Filipino	LEVEL II, with CoPC
26. Master of Arts in Mathematics	LEVEL II, with CoPC
27. Master of Arts in Physics	LEVEL II
28. Master of Arts in Social Studies	LEVEL II
29. Bachelor of Science in Biology	with CoPC
30. Bachelor of Science in Chemistry	with CoPC
31. Bachelor of Science in Environmental Science	LEVEL II, with CoPC
32. Bachelor of Science in Mathematics	with CoPC
33. Bachelor of Science in Statistics (formerly BS Applied Statistics)	LEVEL III, with CoPC
34. Bachelor of Arts in Communication	with CoPC
35. Bachelor of Arts in English Language	with CoPC
36. Bachelor of Arts in Filipino Language	with CoPC

## COLLEGE OF ENGINEERING AND APPLIED TECHNOLOGY

37. Bachelor of Science in Agricultural and Biosystems Engineering (formerly BS Agricultural Engineering)	LEVEL III, with CoPC
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## COLLEGE OF FORESTRY

38. Master of Science in Forestry	LEVEL II, with CoPC
39. Bachelor of Science in Forestry	LEVEL III, with CoPC

## COLLEGE OF HOME ECONOMICS AND TECHNOLOGY

40. Master of Arts in Home Economics	LEVEL II
41. Master of Arts in Technology and Home Economics	LEVEL II
42. Bachelor of Science in Nutrition and Dietetics	LEVEL III, with CoPC
43. Bachelor of Science in Home Economics	LEVEL III
44. Bachelor of Science in Hospitality Management (formerly BS Hotel and Restaurant Management)	LEVEL I, with CoPC
45. Bachelor of Science in Entrepreneurship (formerly BS Entrepreneurial Technology)	LEVEL II, with CoPC

## **COLLEGE OF NURSING**

Bachelor of Science in Nursing LEVEL IV, with CoPC

## **COLLEGE OF TEACHER EDUCATION**

Doctor of Philosophy in Education Management  
Master of Arts in Education LEVEL II  
Master of Arts in Guidance LEVEL II  
Master in Library and Information Science LEVEL I, with CoPC  
Bachelor in Early Childhood Education (from BEE Major in Early Childhood Development)  
Bachelor in Physical Education  
Bachelor in Elementary Education LEVEL IV, with CoPC  
Bachelor in Library and Information Science LEVEL II, with CoPC  
Bachelor in Secondary Education LEVEL IV, with CoPC  
Bachelor in Technology and Livelihood Education  
(from BSE major in TLE and BS Home Economics)

## **COLLEGE OF VETERINARY MEDICINE**

Doctor of Veterinary Medicine LEVEL III, with CoPC

## **INSTITUTE OF HUMAN KINETICS**

Master of Science in Physical Education LEVEL II  
Bachelor of Science in Exercise and Sports Science with CoPC  
Physical Education (from BPE major in Sports and Wellness Management)  
Diploma in Physical Education

## **INSTITUTE OF INFORMATION TECHNOLOGY**

Bachelor of Science in Information Technology LEVEL II, with CoPC

## **INSTITUTE OF PUBLIC ADMINISTRATION**

Master of Science in Public Administration LEVEL II  
Bachelor in Public Administration with CoPC  
Diploma in Public Administration  
Certificate in Public Administration

## **OPEN UNIVERSITY**

Master in Community Development  
Master in Community Health Development  
Master in Development Communication  
Master in Cooperative Management  
Master in Human Resource Management  
Master in Urban Management  
Master in Non-Formal Education  
Diploma in Training Management  
Diploma in Urban Management  
Certificate in Organic Agriculture  
Certificate in Community Health Development

## **BOKOD CAMPUS**

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

## **BUGUIAS CAMPUS**

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

The call for a transition to flexible learning as a result of the suspension of face-to-face classes was a challenge to the University especially to the faculty members and the students. Despite the challenge, the University was able to quickly adapt to flexible learning. Various delivery of learning modes were implemented depending on the capacity of students and their internet access.

**I. Initiatives.** The first initiatives were to issue advisories guiding students and employees followed by the development of a training/capability program for all faculty members in the University. Table 1 shows the detailed list of activities done in coping up with the effects of the COVID-19 Pandemic.

Table 1. Activities done in coping up with the effects of the COVID-19 Pandemic

A. ADVISORIES, OFFICE MEMORANDA, AND SURVEY ISSUED TO COLLEGE DEANS, INSTITUTE DIRECTORS, CAMPUS DEANS AND FACULTY MEMBERS	
	Advisories issued on April 1, 8 and 23; and Office Memorandum No. 52 series of 2020 issued on April 13, 2020 directed faculty members to learn, familiarize and develop skills on online or e-learning platforms as part of their work from home arrangements.
	Office Memorandum No. 59 series of 2020 issued on May 14, 2020 directed faculty members to learn, familiarize and develop skills on flexible or blended learning and for the deans, institute directors, campus deans and department chairs to search for reading materials or modules on flexible learning for their faculty members.
	Office Memorandum No. 62 series of 2020 issued on May 20, 2020 directed faculty members to conduct their classes for the midyear term using the flexible learning system or mode and advising them to establish a clear communication plan with their students using non-face to face means such as social media platforms, electronic mail, and courier services.
	Office Memorandum No. 78 series of 2020 issued on July 30, 2020 directed faculty members to adopt flexible learning as the learning delivery mode on August 2020.
	Office Memorandum No. 90 series of 2020 issued on September 11, 2020 directed faculty members to adopt flexible learning as the learning delivery mode from September to December 2020.
	A Google Survey was conducted to <i>Assess General Level of Skills of Teachers in the Usage of ICTs and Blended Learning Experiences of Teachers</i> . As of May 2020, results showed that 54.8% of teachers have <i>good skills</i> in the usage of ICTs; 32.6% <i>fair</i> ; 8.4% <i>excellent</i> ; and 4.2% have <i>low capability</i> while 35.1% are <i>with blended learning experience</i> and 64.9% have <i>no experience</i> .
	Office Order No. 47, series 2020 constituted the Ad Hoc Committee led by VP for Academic Affairs Kenneth A. Laruan, and CTE Dean Imelda G. Parcasio as the vice-chair with the following members: UPAO Director Kara S. Panolong, GS and OU Director Romeo A. Gomez, OQAA Director Aurea Marie M. Sandoval, CAS Dean Samuel S. Poliden, ILC Director Ronda B. Tullay, IIT Director Frevy T. Orenca, OSS Director Russell B. Dolendo, CTE-DEE Chair Divina M. Yango, CA Faculty Member Igrelyn B. Pinos-an, CTE Faculty Member Janet Lynn M. Balagtey, CTE Faculty Member Jean Jeannette D. Sibayan, ICT Division OIC Oliver Tabdi, and HRMO Chief Raymundo H. Pawid Jr.
B. CONDUCTED SERIES OF WEBINAR/ SEMINAR ON FLEXIBLE LEARNING/BLENDED LEARNING	
	On May 29 and June 2, 2020, a capability building for the Ad Hoc Committee on Flexible Learning or Blended Learning was held with resource speakers from outside of BSU.
	On June 5-8, 2020, the capability building for Batch 1 (college deans, institute directors, college or institute secretaries, department chairs and faculty members handling courses offered during the mid-year term) was held.
	On June 16-18, 2020, Batch 2, 3, and 4 (faculty members who are designated in other sectors and all faculty members who are on teacher's leave) had their capability building. The topics covered include: <i>Introduction to Blended Learning, Introduction to Flipped Classroom, Introducing Learning Management Systems and Educational Tools, Facilitating Classes in a Learning Management System: Google Classroom, Developing a Module and Learning Packet for a Blended Learning Class or Remote Learning, Assessment in Blended Learning, Finding Appropriate Learning Resources, Creating Self Made Videos for Instruction, and Uploading power point presentations.</i>
	All presentations were video recorded and videos were sent to all colleges, institutes, and campuses for viewing or review of the topics presented.

### C. CREATION OF VIDEOS TO GUIDE FACULTY MEMBERS FACILITATE CLASSES USING GOOGLE CLASSROOM AND OTHER APPLICATIONS

The following videos were created and disseminated on August 03-07, 2020 to all colleges, institutes, and campuses: *Making Quality Video for Instruction 1*, *Making Quality Video for Instruction 2*, *Downloading, Installing, Recording with Bandicam*, *Bandicut Downloading Installing Trimming Joining Videos*, *Video Compress with Handbrake*, *Power point Presentation*, *Basic File Management* and *E- Class Record Template*.

### D. MODULE WRITING WORKSHOP (PER COLLEGE/INSTITUTE/CAMPUS)

Module writing workshops were conducted on July 28 to August 11, 2020 facilitated by UIMDC and CTE. Copies of the *IM Policy 2020 Final Version* and *Instructional Model* were disseminated to all colleges, institutes, and campuses on July 27-30, 2020.

### E. IN-SERVICE TRAINING FOR FACULTY MEMBERS CONDUCTED BY THE HUMAN RESOURCES DEVELOPMENT OFFICE

*A Short Session Training and Review for Teachers (START)* using Google Classroom (Tutorial session for faculty members on the use of Google classroom) was conducted on August 10-13, 2020.

### F. USE OF THE ICT HALL AND ULIS FACILITIES AND EQUIPMENT FOR WEBINARS AND AS HUB FOR FACULTY MEMBERS FOR THEIR GOOGLE CLASSROOM CLASSES

The Information and Communication Technology Division (ICT Division) and University Library and Information Services (ULIS) posted schedules for faculty members who intends to use their facility and equipment in conducting their Google Classroom Classes.

### G. UPGRADING OF THE INTERNET CONNECTION OF THE UNIVERSITY

The University Internet connection was upgraded from 30Mbps (leased line - Globe INNOVE) to 200Mbps (leased line - PLDT) for faculty and staff use and from 50Mbps (leased line - PLDT) to 100Mbps (leased line- CONVERGE) for students use.

### H. PROCUREMENT OF CELL PHONE CARDS FOR FACULTY



*Photos during the in-service trainings on flexible learning*

**II. Delivery of Learning.** All possible adjustments were done by faculty members to reach out to students who were mostly below 21 years old and not allowed to go out of their homes during the various quarantine periods.

**A. NUMBER OF COURSES**

There was a total of 2,541 courses or subjects offered in the University during the semester. This number includes courses in all levels (baccalaureate, post-baccalaureate, masteral, and doctorate) but excludes thesis, internship, practicum, and practice teaching.

At the baccalaureate level, 8,121 courses

were offered during the semester. Again, this number excludes thesis, internship, practicum, and practice teaching. The highest percentage (24.51%) is offered by the College of Arts and Sciences (CAS) as they are handling General Education courses. The distribution of courses by academic unit is presented in Figure 1.

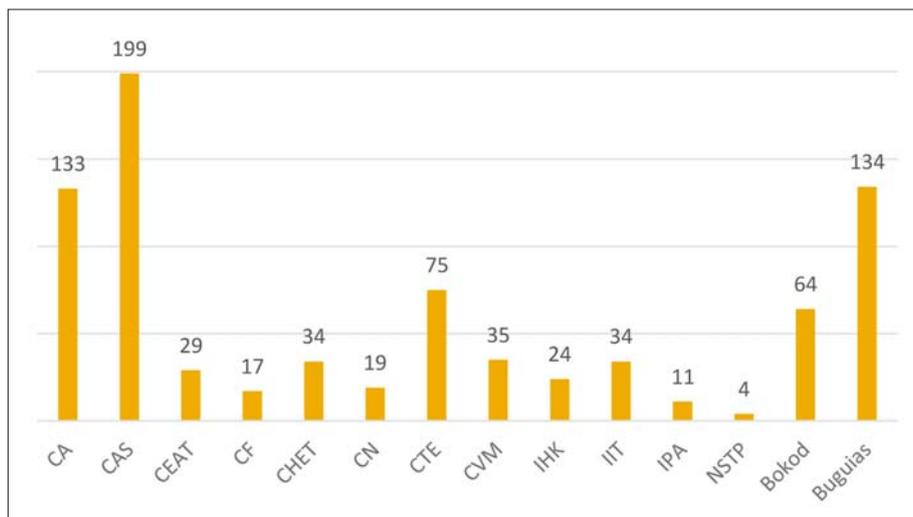


Figure 1. Distribution of courses by academic unit

**B. MODULE PREPARATION**

After the In-service Trainings (INSET), faculty members prepared modules and compiled learning packets that were distributed periodically. *Learning packets* are the units or chapters of a module or the chunks of a chapter of the whole module. They come in packets where students can learn independently at their own pace for a particular lesson or a skill.

**C. MODE OF DISTRIBUTION**

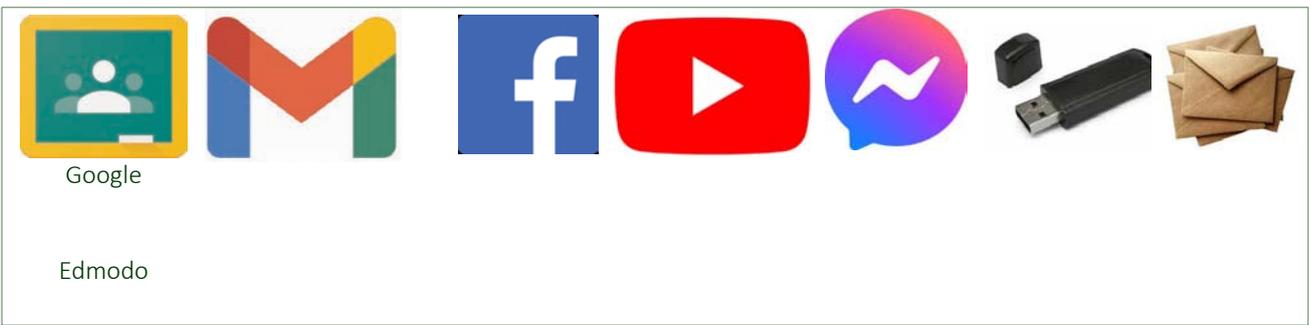
Learning materials were distributed mostly (97.29%) as learning packets. This was practiced since module preparation was ongoing or was being done per chapter or chunks of a chapter and also to keep up with the learning pace of the students,

especially because of their Internet connection and transportation limitations. The assistance of Local Government Units (LGUs) in the distribution of modules were sought.

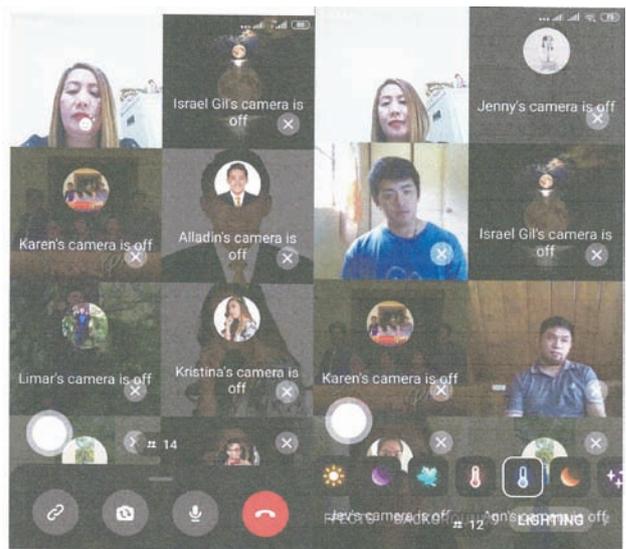
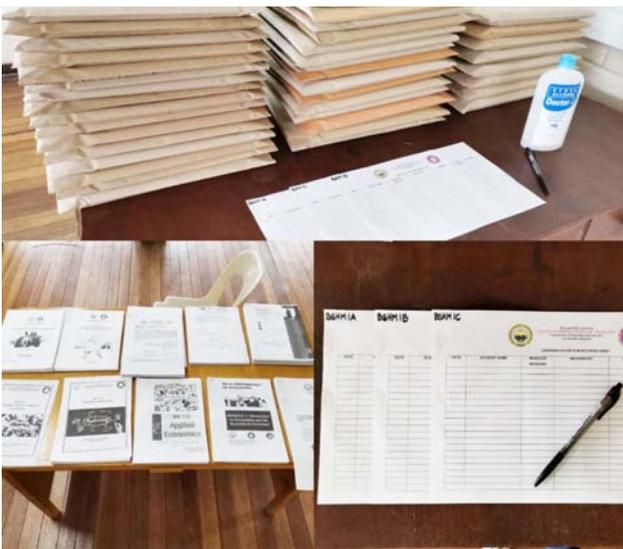
**D. PLATFORM FOR DISTRIBUTION**

Faculty members of the University utilized various platforms to distribute modules or learning packets to students. These platforms were: Learning Management Systems including Google Classroom, Blackboard and, Edmodo; Email or Google Drive; Social Media (Facebook Group Page, Facebook Group Chat or Private Message, YouTube); Printed Copy Picked-up at the University or Sent as written





to



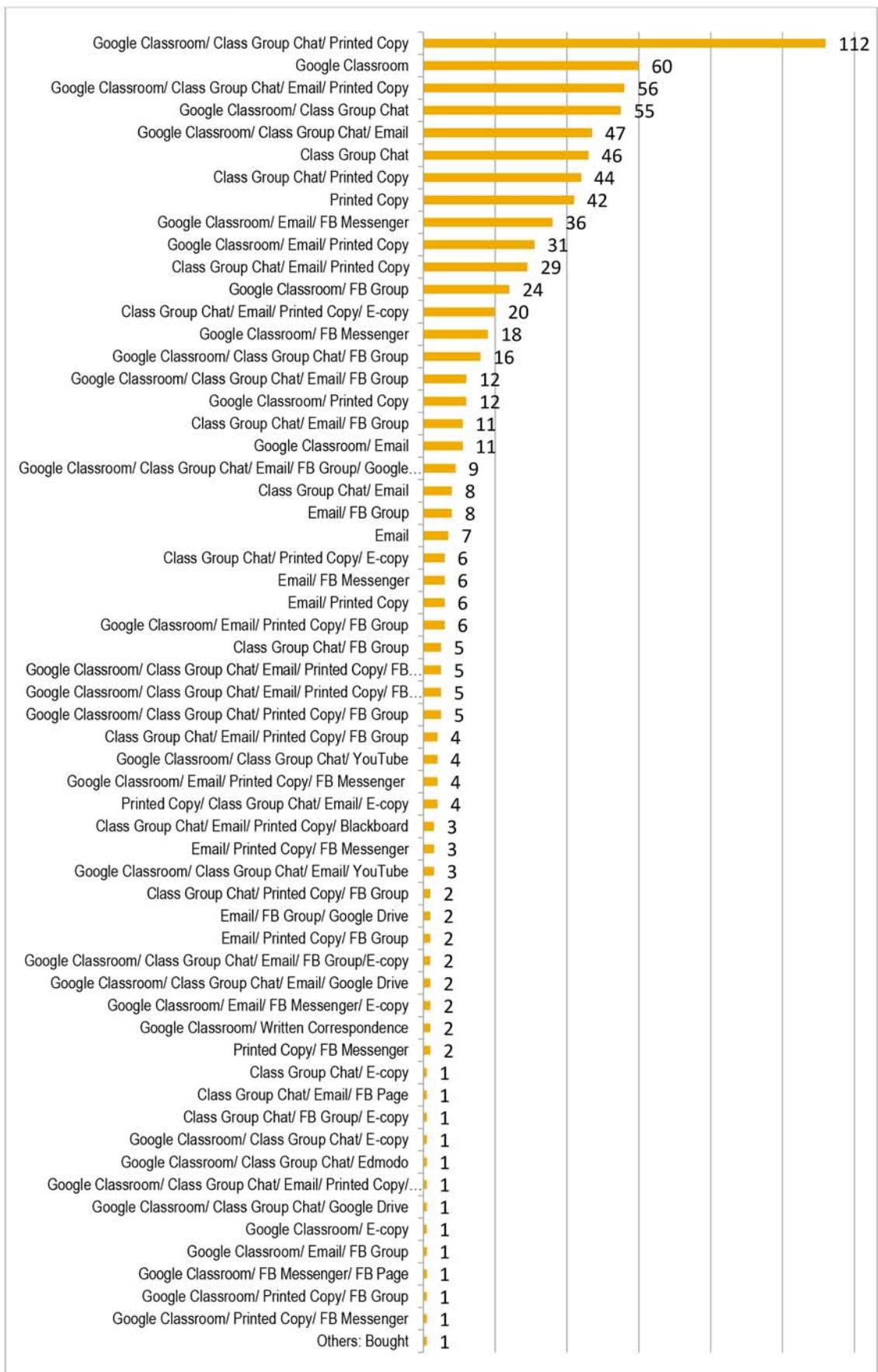


Figure 3. Platform combinations utilized for the distribution of learning packets

# Students

**I. Enrollment.** The detailed number of enrollees per program is shown in Table 2. The 7,514 students that enrolled during the 2<sup>nd</sup> semester, SY 2019-2020 was 7.09% lower than the number of enrollees during the previous semester (1<sup>st</sup> semester, SY 2019-2020 with 8,087 enrollees). Most of the students (20%) enrolled at the College of Teacher Education (CTE) while 19% enrolled at the College of Agriculture (CA), 16% enrolled at the Graduate School (GS), and 7% enrolled at the College of Home Economics and Technology (CHET).

For the Mid-year Term, a total of 287 students enrolled. Majority of those who enrolled are graduating students who had to finish their thesis or dissertation. Most (27%) are GS enrollees, 25% are CA enrollees, and 23% are Open University (OU) enrollees.

For the 1<sup>st</sup> Semester SY 2020-2021, there were a total of 8,555 enrollees, which was 13.85% higher than the previous semester. Just like the previous terms, most (21%) of the students enrolled at the CTE, 18% enrolled at the CA, 11% enrolled at the GS, 7% enrolled at the CAS and 7% enrolled at the CHET.

It was observed, however, that there was a decrease of enrollees in the graduate programs with 22.13% of the students enrolling in masteral programs and 23.79% in doctoral programs.

Table 2. Distribution of students by academic level and unit

DEGREE PROGRAM	2 <sup>ND</sup> SEM 2019-2020	MIDYEAR 2020	1 <sup>ST</sup> SEM 2020-2021
<i>La Trinidad Campus</i>			
BACCALAUREATE			
COLLEGE OF AGRICULTURE (CA)			
Bachelor of Science in Agriculture (BSA)	927	61	930
Bachelor of Science in Agribusiness (BSAB)	237		262
Bachelor of Science in Development Communication (BSDC)	235		308
Cross Enrollee		11	
<b>Subtotal</b>	<b>1399</b>	<b>72</b>	<b>1500</b>
COLLEGE OF ARTS AND SCIENCES (CAS)			
Bachelor of Arts in Communication (BA Comm)	84		178
Bachelor of Arts in English Language (BAEL)	97		154
Bachelor of Arts in Filipino Language (BAFL)	85		146
Bachelor of Science in Biology			45
Bachelor of Science in Chemistry			25
Bachelor of Science in Mathematics			21
Bachelor of Science in Statistics (BSS)	73		102
Bachelor of Science in Environmental Science (BSES)	91	2	124
Cross Enrollee	1		
<b>Subtotal</b>	<b>431</b>	<b>2</b>	<b>795</b>
COLLEGE OF ENGINEERING AND APPLIED TECHNOLOGY (CEAT)			
Bachelor of Science in Agricultural and Biosystems Engineering (BSABE)	295	38	322
Cross Enrollee	1		
<b>Subtotal</b>	<b>296</b>	<b>38</b>	<b>322</b>
COLLEGE OF FORESTRY (CF)			
Bachelor of Science in Forestry (BSF)	181	16	212
<b>Subtotal</b>	<b>181</b>	<b>16</b>	<b>212</b>

DEGREE PROGRAM	2 <sup>ND</sup> SEM 2019-2020	MIDYEAR 2020	1 <sup>ST</sup> SEM 2020-2021
<b>COLLEGE OF HOME ECONOMICS AND TECHNOLOGY (CHET)</b>			
Bachelor of Science in Home Economics (BSHE)	12		4
Bachelor of Science in Hospitality Management (BSHM)	214		310
Bachelor of Science in Nutrition and Dietetics (BSND)	149		212
Bachelor of Science in Entrepreneurship (BS Entrep)	163		224
<b>Subtotal</b>	<b>538</b>	<b>0</b>	<b>750</b>
<b>COLLEGE OF NURSING (CN)</b>			
Bachelor of Science in Nursing (BSN)	270		303
<b>Subtotal</b>	<b>270</b>	<b>0</b>	<b>303</b>
<b>COLLEGE OF TEACHER EDUCATION (CTE)</b>			
Bachelor of Early Childhood Education (BECEd)	82		120
Bachelor of Elementary Education (BEEd)	354		424
Bachelor of Library and Information Science (BLIS)	78		120
Bachelor of Physical Education (BPEd)	95		129
Bachelor of Secondary Education (BSEd)	652	8	782
Bachelor of Technology and Livelihood Education (BTLEd)	166		202
Cross Enrollee	1		
Professional Education	97		59
<b>Subtotal</b>	<b>1428</b>	<b>8</b>	<b>1777</b>
<b>Subtotal (with prof ed)</b>	<b>1525</b>	<b>8</b>	<b>1836</b>
<b>COLLEGE OF VETERINARY MEDICINE (CVM)</b>			
Doctor of Veterinary Medicine (DVM)	407		430
<b>Subtotal</b>	<b>407</b>	<b>0</b>	<b>430</b>
<b>INSTITUTE OF HUMAN KINETICS (IHK)</b>			
Bachelor of Physical Education (BPE)	38	4	10
Bachelor of Science in Exercise and Sports Sciences (BSESS)	121		195
Cross Enrollee	1		
<b>Subtotal</b>	<b>160</b>	<b>4</b>	<b>205</b>
<b>INSTITUTE OF INFORMATION TECHNOLOGY (IIT)</b>			
Bachelor of Science in Information Technology (BSIT)	175	2	233
<b>Subtotal</b>	<b>175</b>	<b>2</b>	<b>233</b>
<b>INSTITUTE OF PUBLIC ADMINISTRATION (IPA)</b>			
Bachelor in Public Administration (BPA)	222	1	245
<b>Subtotal</b>	<b>222</b>	<b>1</b>	<b>245</b>
<b>OTHERS</b>			
ROTC Cross Enrollee	1		
<b>Subtotal</b>	<b>1</b>	<b>0</b>	<b>0</b>
<b>Total</b>	<b>5508</b>	<b>143</b>	<b>6772</b>
<b>Total (with prof ed)</b>	<b>5605</b>	<b>143</b>	<b>6831</b>
<b>POST BACCALAUREATE</b>			
<b>GRADUATE SCHOOL (GS)</b>			

DEGREE PROGRAM	2 <sup>ND</sup> SEM 2019-2020	MIDYEAR 2020	1 <sup>ST</sup> SEM 2020-2021
Diploma in Physical Education (DPE)	4	2	6
Diploma in Public Administration (DPA)	5		1
Certificate in Public Administration (CPAd)	4		11
<b>Subtotal</b>	<b>13</b>	<b>2</b>	<b>18</b>
OPEN UNIVERSITY (OU)			
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total (GS+OU)</b>	<b>13</b>	<b>2</b>	<b>18</b>
<b>MASTERS</b>			
GRADUATE SCHOOL (GS)			
M Library and Information Science (MLIS)	16	1	5
M Public Administration (MPA)	112	13	70
MA Applied Statistics (MA AS)	37		26
MA Chemistry (MA Chem)	9		10
MA Education (MA Ed)	131	5	84
MA English as a Second Language (MA ESL)	110	7	77
MA Filipino (MA Fil)	53	2	34
MA General Science (MA Gsci)	42	1	24
MA Guidance (MA G)	61	1	43
MA Home Economics (MAHE)	38		27
MA Mathematics (MA Math)	49	2	35
MA Physics (MA Phys)	17	1	9
MA Social Studies (MA SS)	16	7	58
MA Technology and Home Economics (MATHE)	25		24
MS Agribusiness Management (formerly MRSM)	15		12
MS Agricultural Economics (MS Ag Econ)	7		3
MS Agronomy (MS Agro)	15	1	18
MS Animal Science (MS AnSci)	10	2	12
MS Biology (MS Bio)	29		19
MS Entomology (MS Entom)	12	1	13
MS Environmental Science (MSES)	6		4
MS Forestry (MSF)	29	2	25
MS Horticulture (MS Horti)	20		8
MS Physical Education (MSPE)	57		46
MS Plant Pathology (MS PP)	16	2	16
MS Rural Development (MS RD)	16		19
MS Soil Science (MSSS)	15	2	16
<b>Subtotal</b>	<b>963</b>	<b>50</b>	<b>737</b>
OPEN UNIVERSITY (OU)			
M Human Resource Management (MHRM)	89	20	74
M Community Development (MCD)	55	20	43
M Development Communication (MDC)	48	11	44
M Urban Management (MUM)	24	5	17

DEGREE PROGRAM	2 <sup>ND</sup> SEM 2019-2020	MIDYEAR 2020	1 <sup>ST</sup> SEM 2020-2021
M Non-Formal Education (MNFE)	7		1
M Community Health Development (MCHD)	53	10	49
M Cooperative Management (MCM)	8	1	6
<b>Subtotal</b>	<b>284</b>	<b>67</b>	<b>234</b>
<b>Total (GS+OU)</b>	<b>1247</b>	<b>117</b>	<b>971</b>
DOCTORAL			
GRADUATE SCHOOL			
PhD Agronomy (PhD Agro)	1		
PhD Educational Management (PhDEM)	88	10	69
PhD Horticulture (PhD Horti)	6	1	5
PhD Language Education (PhDLE)	12	2	9
PhD Language- English Language	52	4	36
PhD Language- Filipino Language	27	2	20
PhD Rural Development (PhDRD)	23	3	19
PhD Science Education- Biology (PhDSE)	19	3	15
<b>Total</b>	<b>227</b>	<b>25</b>	<b>173</b>
<b>GRAND TOTAL</b>	<b>6995</b>	<b>287</b>	<b>7934</b>
<b>GRAND TOTAL (with prof ed)</b>	<b>7092</b>	<b>287</b>	<b>7993</b>
<b>Bokod Campus</b>			
BACCALAUREATE			
Bachelor of Elementary Education (BEE)	13		4
Bachelor of Technology and Livelihood Education (BTLEd)	25		53
Bachelor of Technical-Vocational Teacher Education (BTVTEd)	58		68
Bachelor of Science in Industrial Technology (BSIT)	55		70
<b>GRAND TOTAL</b>	<b>151</b>	<b>0</b>	<b>195</b>
<b>Buguias Campus</b>			
BACCALAUREATE			
Bachelor of Agricultural Technology (BAT)	27		36
Bachelor of Technical-Vocational Teacher Education (BTVTEd)	104		127
Bachelor of Elementary Education	44		38
Bachelor of Physical Education	31		51
Bachelor of Secondary Education	65		95
Prof Education Units			20
<b>GRAND TOTAL (with Prof Ed)</b>	<b>271</b>	<b>0</b>	<b>367</b>
<b>GRAND TOTAL (ALL CAMPUSES)</b>	<b>7514</b>	<b>287</b>	<b>8555</b>



GHANA

CHINA

SOUTH KOREA

Yi Bo He

NIGERIA

LIBYA

MYANMAR

## II. Student Awards

## III. Student Scholarship and RA 10931 Implementation

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## IV. Student Development

## V. Graduates

The University produced 925 graduates for the School Year 2019-2020. There are 144 graduates for the 1<sup>st</sup> Semester, 667 graduates for the 2<sup>nd</sup> Semester, and 114 for the Mid-year Term. About 90% (831) are graduates from BSU La Trinidad while BSU Bokod and BSU Buguias produced 43 and 51 graduates, respectively. The distribution of the graduates by academic level, unit and program are presented in Table 3.

Table 3. Distribution of graduates by academic level, unit and program

DEGREE PROGRAM	2019-2020			
	1 <sup>ST</sup> SEM	2 <sup>ND</sup> SEM	MID-YEAR 2018	TOTAL
<i>La Trinidad Campus</i>				
BACCALAUREATE				
COLLEGE OF AGRICULTURE (CA)				
Bachelor of Science in Agriculture (BSA)	20	80	43	143
Bachelor of Science in Agribusiness (BSAB)	13	28		41
Bachelor of Science in Development Communication (BSDC)	4	19	1	24
<b>Subtotal</b>	<b>37</b>	<b>127</b>	<b>44</b>	<b>208</b>
COLLEGE OF ARTS AND SCIENCES (CAS)				
Bachelor of Science in Applied Statistics (BSAS)		1		1
Bachelor of Science in Environmental Science (BSES)	2	3		5
<b>Subtotal</b>	<b>2</b>	<b>4</b>	<b>0</b>	<b>6</b>
COLLEGE OF ENGINEERING AND APPLIED TECHNOLOGY (CEAT)				
Bachelor of Science in Agricultural Engineering (BSAEng)	4	26	15	45
<b>Subtotal</b>	<b>4</b>	<b>26</b>	<b>15</b>	<b>45</b>
COLLEGE OF FORESTRY (CF)				
Bachelor of Science in Forestry (BSF)	9	23	10	42
<b>Subtotal</b>	<b>9</b>	<b>23</b>	<b>10</b>	<b>42</b>
COLLEGE OF HOME ECONOMICS AND TECHNOLOGY (CHET)				
Bachelor of Science in Entrepreneurial Technology (BSET)		1		1
Bachelor of Science in Home Economics (BSHE)	3	8		11
Bachelor of Science in Hotel and Restaurant Management (BSHRM)		34		34
Bachelor of Science in Nutrition and Dietetics (BSND)	1	4		5
<b>Subtotal</b>	<b>4</b>	<b>47</b>	<b>0</b>	<b>51</b>
Bachelor of Science in Nursing (BSN)		13		13
<b>Subtotal</b>	<b>0</b>	<b>13</b>	<b>0</b>	<b>13</b>
COLLEGE OF TEACHER EDUCATION (CTE)				
Bachelor of Elementary Education (BEE)	7	62		69
Bachelor of Library and Information Science (BLIS)	1			1
Bachelor of Secondary Education (BSE)	6	93	6	105
<b>Subtotal</b>	<b>14</b>	<b>155</b>	<b>6</b>	<b>175</b>
COLLEGE OF VETERINARY MEDICINE (CVM)				
Doctor of Veterinary Medicine (DVM)		47		47
<b>Subtotal</b>	<b>0</b>	<b>47</b>	<b>0</b>	<b>47</b>
INSTITUTE OF HUMAN KINETICS (IHK)				
Bachelor of Physical Education (BPE)	10	23	4	37

DEGREE PROGRAM	2019-2020			
	1ST SEM	2ND SEM	MID YEAR 2018	TOTAL
<b>INSTITUTE OF INFORMATION TECHNOLOGY (IIT)</b>				
Bachelor of Science in Information Technology (BSIT)	1	25	2	28
<b>Subtotal</b>	<b>1</b>	<b>25</b>	<b>2</b>	<b>28</b>
<b>INSTITUTE OF PUBLIC ADMINISTRATION (IPA)</b>				
Bachelor in Public Administration (BPA)		23	1	24
<b>Subtotal</b>	<b>0</b>	<b>23</b>	<b>1</b>	<b>24</b>
<b>Total</b>	<b>81</b>	<b>513</b>	<b>82</b>	<b>676</b>
<b>POST BACCALAUREATE</b>				
<b>IHK and IPA</b>				
Diploma in Physical Education (DPE)	3	1	2	6
Diploma in Public Administration (DPA)		5		5
Certificate in Public Administration (CPAd)	7	1		8
<b>Total</b>	<b>10</b>	<b>7</b>	<b>2</b>	<b>19</b>
<b>OPEN UNIVERSITY (OU)</b>				
Diploma in Urban Management (DUM)	1			1
<b>Total</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>
<b>Total (GS+OU)</b>	<b>11</b>	<b>7</b>	<b>2</b>	<b>20</b>
<b>MASTERS</b>				
<b>GRADUATE SCHOOL (GS)</b>				
M Library and Information Science (MLIS)			1	1
M Public Administration (MPA)	7	6	4	17
MA Applied Statistics (MA AS)		3		3
MA Chemistry (MA Chem)				0
MA Education (MA Ed)	5	6		11
MA English as a Second Language (MA ESL)	3	2	4	9
MA General Science (MA Gsci)		2	1	3
MA Guidance (MA G)	2	1		3
MA Home Economics (MAHE)	1	1		2
MA Mathematics (MA Math)	3	2	2	7
MA Physics (MA Phys)		1	1	2
MA Social Studies (MA SS)			2	2
MA Technology and Home Economics (MA THE)		1		1
MS Agribusiness Management (MS ABM)				
MS Agricultural Economics (MS Ag Econ)				
MS Agronomy	1			1
MS Animal Science (MS AnSci)				0
MS Biology (MS Bio)	1		1	2
MS Entomology			1	1

DEGREE PROGRAM	2019-2020			
	1ST SEM	2ND SEM	MID YEAR 2018	TOTAL
MS Forestry (MSF)	2	1	1	4
MS Horticulture (MS Horti)				0
MS Physical Education (MSPE)		2		2
MS Plant Pathology (MS PP)			1	1
MS Soil Science (MS SS)	2			2
<b>Total</b>	<b>30</b>	<b>33</b>	<b>21</b>	<b>84</b>
<b>OPEN UNIVERSITY</b>				
M Community Development		2		2
M Community Health Development		1		1
M Development Communication			1	5
M Human Resource Management	1	3		4
M Urban Management	1			
<b>Total</b>	<b>2</b>	<b>10</b>	<b>1</b>	<b>13</b>
<b>Total (GS+OU)</b>	<b>32</b>	<b>43</b>	<b>22</b>	<b>97</b>
<b>DOCTORAL</b>				
PhD Educational Management (PhD EM)	5	1	4	10
PhD Language Education	1		1	2
PhD Language – English Language (PhD LE)	2	9		11
PhD Language – Filipino Language (PhD LF)	1	5		6
PhD Rural Development (PhD RD)	3	3	1	7
PhD Science Education- Biology (PhD SE)	1	1		2
<b>Total</b>	<b>13</b>	<b>19</b>	<b>6</b>	<b>38</b>
<b>GRAND TOTAL</b>	<b>137</b>	<b>582</b>	<b>112</b>	<b>831</b>
<i>Bokod Campus</i>				
<b>BACCALAUREATE</b>				
B Elementary Education		7		7
BS Industrial Education		12	2	14
BS Industrial Technology		22		22
<b>TOTAL</b>	<b>0</b>	<b>41</b>	<b>2</b>	<b>43</b>
<i>Buguias Campus</i>				
<b>BACCALAUREATE</b>				
B Agricultural Technology		11		11
B Elementary Education	2	21		23
B Secondary Education	4			4
B Technology Teacher Education	1	12		13
<b>TOTAL</b>	<b>7</b>	<b>44</b>	<b>0</b>	<b>51</b>
<b>GRAND TOTAL (ALL CAMPUSES)</b>	<b>144</b>	<b>667</b>	<b>114</b>	<b>925</b>

The colleges of BSU La Trinidad with most graduates are the CA (208), and CTE (175). Among the graduates, 97 earned masteral degrees and 38 earned doctorate degrees. Due to mass gathering limitations because of the COVID-19 Pandemic, the 95<sup>th</sup> Commencement Exercises was conducted virtually on July 24, 2020. This was live-streamed in the University's Official Facebook page.



The first virtual graduation of BSU.



On the other hand, Batch 4 of the Municipal Leadership and Governance Program (MLGP), a public-private partnership between the University, Department of Health Regions I, II and CAR, Zuellig Family Foundation, and the United Nations Fund for Population Activities (UNFPA), had their virtual graduation and colloquium on October 27, 2020. There were nine (9) from Region I who completed the program. The MLGP graduates are:

**Local Chief Executives**

- Juan Carlos S. Medina, Vigan, Ilocos Sur
- Pablito Benjamin P. Maggay, Cervantes, Ilocos Sur
- Cothera Gwen P. Yamamoto, Bani, Pangasinan
- Kim Mikael D. Amador, Manaoag, Pangasinan

**Municipal Health Officer**

- Loida Adelaida A. Ranches, Vigan, Ilocos Sur
- Gaudencio T. Bustillo, Cervantes, Ilocos Sur
- Maria Elena O. Orlino, Bani, Pangasinan
- Raymund Thaddeus B. Veloria, Manaoag, Pangasinan

**Doctor to the Barrios**

- Ela Camille R. Baltazar, Manaoag, Pangasinan



Graduates of the MLGP program joining the graduation ceremonies online

# Faculty

**I. Faculty Profile.** The University has a total of 339 faculty members holding plantilla positions. Out of these, 292 are at BSU La Trinidad, 15 at BSU Bokod, and 32 at BSU Buguias.

After the implementation of the 7<sup>th</sup> Evaluation Cycle of the National Budget Circular 461 (NBC-461), the University now has 33 full-fledged professors. Many of the faculty members however, hold assistant professor ranks (122), followed by associate professors (113), and the rest are instructors (71).

In terms of highest educational attainment, there are 133 (39.23%) faculty members who are Ph.D. degree holders, 194 (57.23%) who are MA/MS degree holders, and 12 (3.54%) who are BA/BS holders.

BSU Bokod has three (3) instructors, eight (8) assistant professors, and four (4) associate professors. BSU Buguias has 11 instructors, 10 assistant professors, and 11 associate professors. BSU La Trinidad has 57 instructors, 104 assistant professors, 98 associate professors and 33 professors.

In addition, 104 casual or contract of service faculty members were hired during the 1<sup>st</sup> Semester SY 2020-2021. A great number (24) were assigned at the CAS, 21 were assigned at the College of Nursing (CN), and 16 were assigned at the CA.

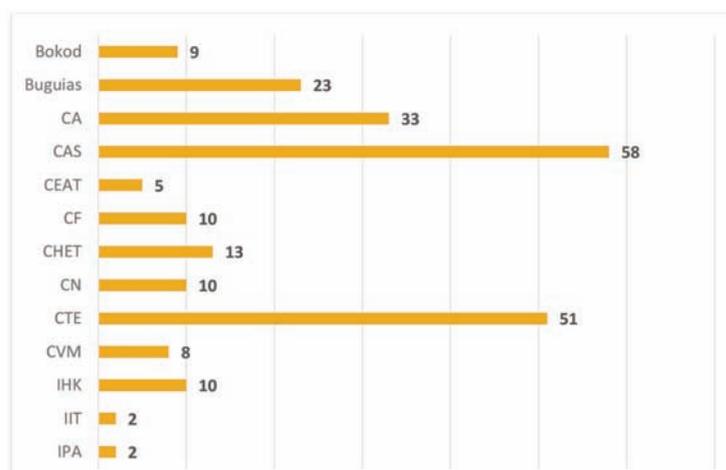


Figure 4. Distribution of faculty members promoted through NBC 461 by academic unit

## II. Faculty and Staff Development

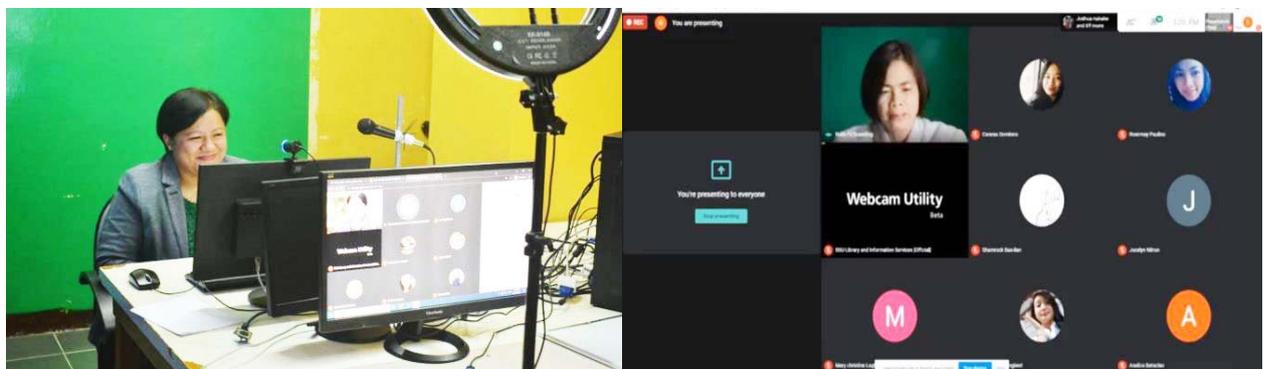
The following faculty members finished their doctorate degrees in 2020: Monica S. Alimondo (PhD Science Education – Mathematics, De La Salle University), Samuel L. Duyan (PhD Management, Saint Luis University), Adamson N. Labi (PhD Language Education-English, Saint Luis University), Genevieve R. Tabon (PhD Animal Science, Central Luzon State University), Divina K. Dominguez (PhD Language major in Filipino, Benguet State University), Rachel D. De Guzman (PhD Development Studies, University of the Philippines Los Baños), Jeftee Ben B. Pinos-an (PhD Management, Saint Louis University), and Apler J. Bansion (PhD Education major in Biology, UP Open University).

Angeli T. Austria, the guidance coordinator at the Office of Student Services (OSS) completed her PhD in Guidance and Counselling at the Philippine Normal University. Twenty-five (25) faculty members availed of scholarships to pursue advanced studies. Forty percent (40%) of the funding for their studies came from the CHED K-12 Transition Program, 44% came from local scholarship, and 16% came from other institutions. Another type of scholarship that faculty members with academic ranks of associate professor and professor could avail of is the sabbatical leave. Four (4) faculty members were granted sabbatical leave.

**III. Participation to Trainings/Seminars** Faculty and academic staff members, with the support of the University, participated in 1,297 learning and development activities through webinars and other platforms. Out of these, 198 are international, 657 are national, 88 are regional, and 432 are local seminars.

**IV. In-service Webinars.** The CHET and the CN conducted a series of webinars attended by the different faculty members. The following is a list of the webinars.

1. September 24, 2020-Translational Webinar Series on Food and Nutrition: *Malnutrition among government Employees in the Cordilleras: Does it exist?* RESOURCE PERSON: Imelda O. Degay
2. November 7, 2020- Webinar Series on Issues and Challenges in Home Economics Session 2: *Understanding Home Economics Literacy* RESOURCE PERSON: Jao-jao A. Somyden
3. November 7, 2020- Webinar Series on Issues and Challenges in Home Economics Session 2: *Faces of flexible teaching in Home Economics* RESOURCE PERSON: Johnabel T. Basatan
4. November 14, 2020- Webinar Series on Issues and Challenges in Home Economics Session 2 RESOURCE PERSON: Melchor S. Lumiked
5. November 14, 2020- Webinar Series on Issues and Challenges in Home Economics Session 2: *Work-Home balance in the new normal; Home Economics Entrepreneurship* RESOURCE PERSON: Cristina Agrabe
6. November 19, 2020- Translational Webinar Series on Food and Nutrition: *Diversifying your Nutrition with Innovative Indigenous Food Products* RESOURCE PERSON: Sherilyn B. Balauro
7. November 21, 2020- Issues and Challenges in Home Economics discipline: *Home Economics in International Arena* RESOURCE PERSON: Elvina P. Belino
8. November 21, 2020- Issues and challenges in Home Economics Discipline: *Research in Home Economics* RESOURCE PERSON: GARAMBAS, Cynthia D. Garambas
9. June 10, 2020- Webinar Series for Health: *The Minimum Public Health Standards in the New Normal: Guide for the Benguet Community* RESOURCE PERSONS: Mercedes S. Calpito, and Melanie June P. Caleño, Provincial DOH Office
10. June 25, 2020- Webinar Series for Health: *Coping with the New Normal* RESOURCE PERSON: Junelyne E. Tuyan
11. July 1, 2020- Webinar Series for Health: *Health Misinformation and Infodemic Amid COVID-19 Pandemic* RESOURCE PERSON: John Robert Bautista
12. July 8, 2020- Webinar Series for Health: *Healthy Diet and Nutrition Amid COVID-19 Pandemic* RESOURCE PERSON: Imelda O. Degay
13. July 22, 2020- Webinar Series for Health: *Student's Health Preparation for the New Normal* RESOURCE PERSON: Florence V. Poltic, Medical Officer
14. November 6, 2020- Webinar Series for Health: *Intellectual Property Rights* RESOURCE PERSON: Jake Galian
15. December 4, 2020- Webinar Series for Health: *Learning About Mixed methods Research* RESOURCE PERSON: Ahtisham Younas, Memorial University of Newfoundland
16. December 10, 2020- Webinar Series for Health: *Introduction to Implementation Science: Theory, Frameworks, and Practice* RESOURCE PERSONS: Charlene Ronquillo, Daphne Cockwell School of Nursing Ryegib University



CHET resource speakers maximized the use of ULIS facilities for their webinars

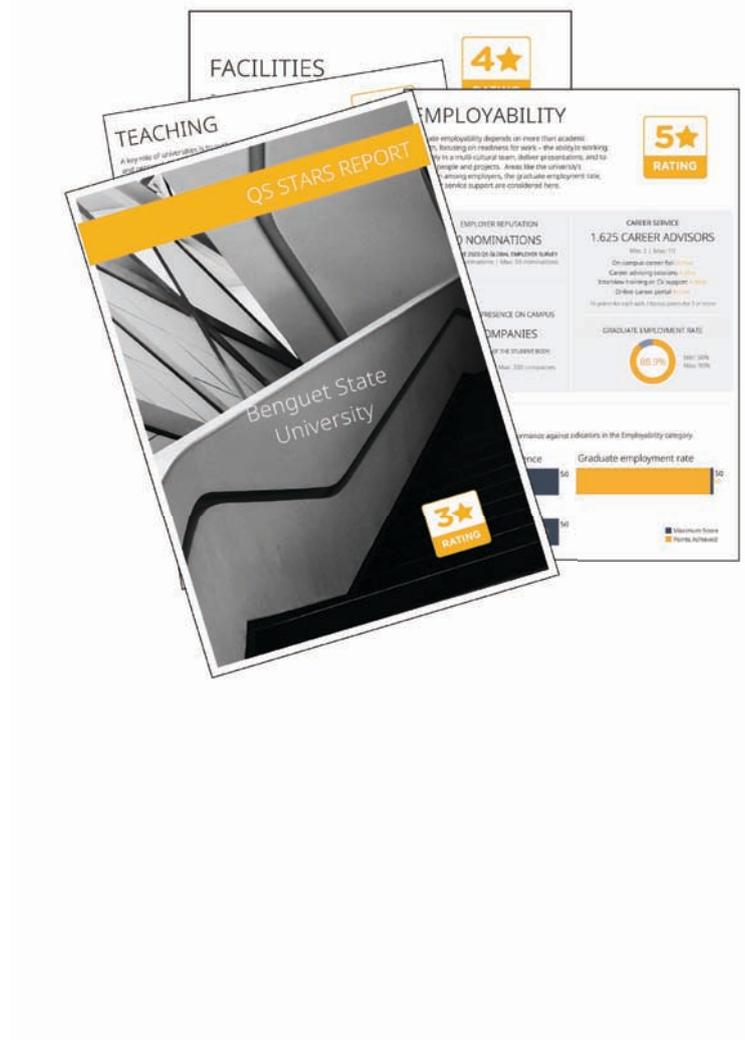
## V. Faculty Awards.



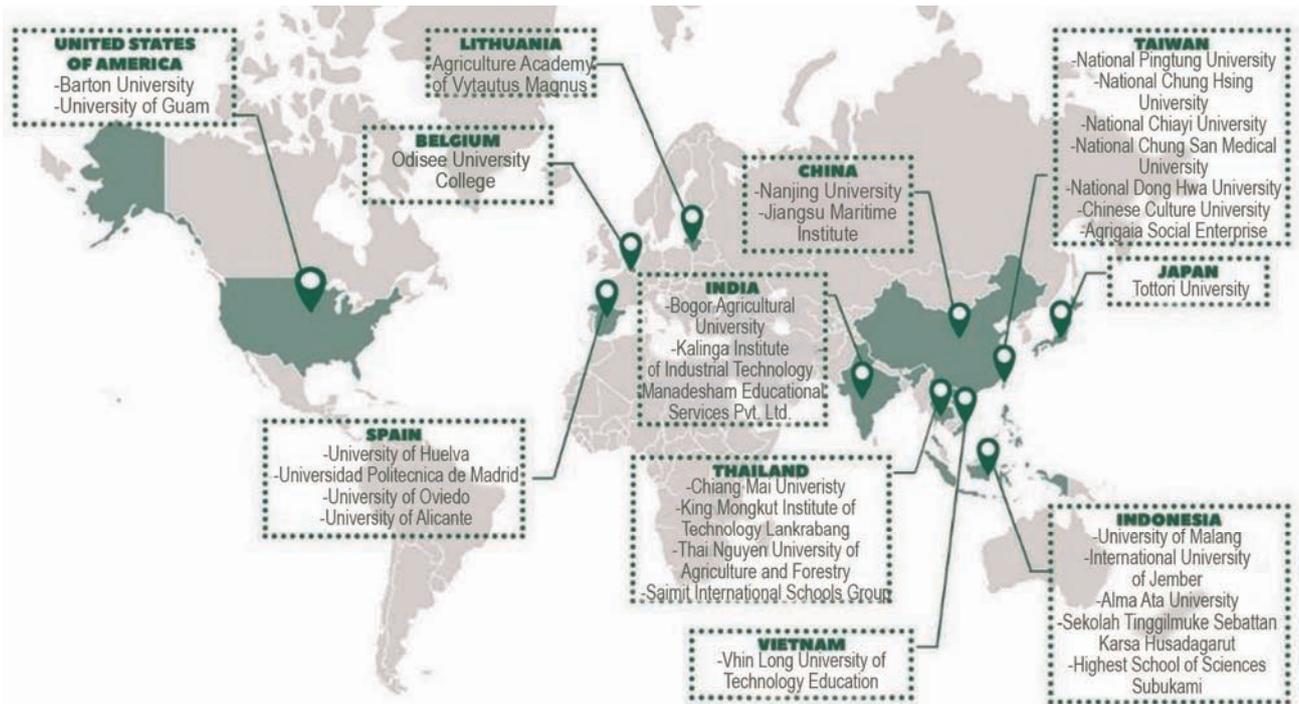
the 13<sup>th</sup>

## Internationalization Activities

### I. QS Stars.



## II. International Partners



### C. PHILIPPINE- CANADIAN CONSORTIUM

Representatives from the University, Central Luzon State University, Central Mindanao University, Don Mariano Marcos Memorial State University, Mariano Marcos State University, Mountain Province State Polytechnic College, and University of Southeastern Philippines formed a consortium with Canadian Universities- Dalhousie University, University of Prince Edward Island, and the University of Saskatchewan on March 12-13, 2020. Initiated by the Embassy of Canada, the Magic 7++ Consortium is the collective name of the Philippine-Canadian HEIs teaming together for future research and academic collaborations.



Participants during the inception meeting at BSU (front L-R) Renato Reyes-CLSU, Janet Pablo-BSU, Ruth Batani-BSU, Venus Grace Fagyan-MPSPC, Marissa Parao-BSU, Estrella Dacillo-CMU, (back L-R) Elmar Villota-CLSU, Ingrid Calanno-CLSU, Cheryll Launio-BSU, Frevie Orenca-BSU, Gigy Banes-BSU, Darwin Basquial-BSU, Roscinto Lumbres-BSU, Farland Valera -DMMSU, and Stanley Anongos-BSU.

### D. ODISEE UNIVERSITY COLLEGE, BELGIUM

Exchange students Nele Gernay and Severine Audrey Mascre from the Odisee University College, Belgium, had their internship at the University. The two (2) nursing students arrived on March 2, 2020. The CN supervised their internship that was scheduled to run from March to May 2020 however due to the COVID-19 pandemic and consequently the declaration of Enhanced Community Quarantine in Luzon, they had to go back to Belgium on March 18, 2020.

### E. NATIONAL CHUNG HSING UNIVERSITY, TAIWAN

BSU in partnership with National Chung Hsing University, Taiwan conducted a webinar series with the topic, *English as a Medium of Instruction (EMI)* for NCHU faculty members from August 17-20, 2020.

### F. UNIVERSITY OF GUAM, USA

Institute of Social Research and Development (ISRD) in collaboration with the University of Guam, USA conducted the first virtual cultural exchange webinar titled, *Understanding Cultures Across Borders: Showcasing the Cultural Practices of the CHamorus and Cordillera Indigenous Peoples* on October 15-16, 2020 in celebration of the National Indigenous Peoples Month in the Philippines.

### G. THE INTERNATIONAL INSTITUTE OF KNOWLEDGE MANAGEMENT (TIKIM)

In coordination with the International Institute of Knowledge Management (TIKIM), the

University was involved in the 3<sup>rd</sup> International Conference on Future Education (online) held on October 29-30, 2020 participated by Apler J. Bansion who also presented a paper, Percyveranda A. Lubrica who served as Scientific Committee Member and Imelda G. Parcasio who served as Evaluation Panel Member.

### H. JAPAN INFORMATION AND CULTURE CENTER

The IRO in partnership with the Japan Information and Culture Center of the Embassy of Japan in Philippine conducted the HELLO! Japan Online Session on November 25, 2020. Students, faculty members and academic staff of BSU participated in the activity and learned about Japanese culture, scholarships and opportunities offered by the Japanese Government. The program concluded with the participants joining the *origami* or paper folding activity.

## III. Other Activities

### A. WEBINAR ON FOREST RESEARCHES AND COMMUNITY-BASED POLICIES

To update foresters and environmental practitioners on new forestry researches and local policies, the College of Forestry (CF) conducted a webinar about forest researches and community-based policies on November 21, 2020. Guillermo Mendoza, professor emeritus of the Natural Resources and Environmental Sciences at the University of Illinois, USA, was the guest speaker. Sixty-two (62) individuals from various agencies participated in the webinar.

# Auxillary Services

**I. Registrar Services.** The Office of the University Registrar (OUR) produced 113 sealed envelopes, 158 subject evaluation, 94 certification, authentication and verification, 75 student IDs, 155 certificate of transfer credentials, 3,312 True Copy of Grades, 122 diploma, and 1,206 OTRs as requested by students and clientele.

Enrollment during the General Community Quarantine was a challenge to the OUR. It was successfully carried out online, off-campus, limited face-face and through SMS. Pre-enrollment packages were delivered and retrieved by OUR personnel to different Benguet municipalities in coordination with the Local Government Units.

**II. Health Services.** There were 33,707 clients who availed of the various services by the University Health Services (UHS). Most of these clients availed of the COVID-19 Triage services.

The UHS head was an important member of the BSU COVID-19 response team that managed University policies and precautions against the disease. The UHS also continued to conduct medical check-up and provide medicines to students not only in BSU but also within the municipality. In addition, the medical personnel of the UHS were requested by the La Trinidad LGU to conduct triaging at the Benguet Agri-Pinoy Trading Center (BAPTC).



*UHS personnel extended their services to the BAPTC during the Enhanced Community Quarantine*



*Personnel of the OUR delivered pre-enrollment packages to municipalities*

## III. Library Services

### A. TECHNICAL SERVICES

- 1,999 copies of resources were processed from mechanical to technical treatments
- 188 newly acquired titles
- 84,600 keywords created
- 159,609 copy categorizations
- 1,363 titles digitized

### B. ONLINE SERVICES

The ULIS enhanced its online services during the COVID-19 Pandemic. The activities done are:

- 250 PlagScan accounts created/maintained
- 507 online documents delivered
- 6,026 Grammarly log-ins monitored
- 5,581 titles harvested for digital archiving
- 3,000 e-books downloaded for e-libre
- 132 title uploads in repository database
- Social Media Activities
  - 18 blogs posted in WordPress
  - 8 videos uploaded in YouTube
  - 63 posts and shares in Facebook
  - 18 photos posted in Instagram
  - 252 tweets and retweets in Twitter

### C. PATRON SERVICES

- 18, 828 checked out and room-used books
- 846 face-to-face reference interviews
- 14 outgoing referrals
- 775 online and virtual queries attended via e-mail and chat
- 37 SMS queries attended to



The ULIS facility was used in conducting various webinars as the University transformed to the new normal

#### D. LIBRARY SPACE UTILIZATION

- 49,299 total library space usage
- 2,574 virtual library and interactive resources usage
- 1,853 CVM library visits
- 701 CN library visits
- 203 discussion/recording room usage

#### E. 2020 MILESTONES

- On staff development, 97 trainings, webinars, and seminars were attended
- The BSU ULIS was featured in Regional TV for its COVID-19 response
- 2nd place in the NLP vlog contest
- Most active DSWD-CAR SWDLNET member
- One Librarian Licensure Examination Reviewer released

The ULIS also conducted activities to enhance library literacy such as online orientations, information literacy lectures and library researches.

## IV. Student Services

These are some of the virtual activities conducted by the Office of Student Services to assist students.

- September 3 to November 20, 2020- Student activities on Mental Health (story writing contest, digital poster making contest)
- September 4, 2020- TuTuKK: “Danglayan” Coping with the new normal in managing roles and responsibilities
- September 14 to October 15, 2020- TuTuKK: “I-Push mo yan!” Webinar on study habits enhancing study skills in the new normal; TuTuKK: “Booom! Papanam?” Webinar on career guidance renewing my career goals in the time of pandemic; and TuTuKK: “I-Push mo yan!” Webinar on coping with the new normal individualized stress management techniques

The Student Development Unit accommodated 6,532 clients through its services that includes dispensation of cases, complaints and/or grievances; issuance of requested Certificates of Good Moral Character (CGMCs); authentication of issued CGMCs; signing of all types of clearances and/or request forms; record verification; and student wellness services (individual guidance and/or counselling, group guidance, parent conference, guidance and counselling).



The Guidance and Counseling Unit (GCU) maximized the use of Social Media in delivering its services during the various quarantines

The Student Organization and Activities Unit conducted limited student activities because of the restrictions set by the Inter-Agency Task Force for the Management of Emerging Infectious Diseases Resolutions (IATF) on the movement of individuals below 21 years old. Among the activities conducted are:

- August 28, 2020- Special Recognized Student Organization Meeting. The agenda included: Online and offline application of recognition of student organizations (RSO); Conduct of RSO activities for the 1<sup>st</sup> Semester of SY 2020-2021 and Issues and Concerns of students and student leaders.

There were 449 student organization activities conducted for the year including meetings or fellowship, maintenance or cleaning, seminar or training, forum, socialization, contest or competition, extension or outreach, income generation and campaign or recruitment.

#### Other activities or services rendered

- Student housing- accommodated students requesting to stay at the dormitory for them to have better access to stable internet connection to cope up with their online classes.
- September 18, 2020- Retooling of OSS processes and services: *Orientation of Colleges/Institutes/Campuses on online modes of delivering student services.*
- The ICT Division accommodated students requesting password for Wi-Fi connection of the University to enable them to join their Google classroom classes. The ICT Division also allowed them to make use of the ICT hall for their Internet search activities.

## V. Center for Culture and the Arts

The following are activities where student-performers of the Center for Culture and the Arts (CCA) performed:

### A. UNIVERSITY ACTIVITIES

1. 34<sup>th</sup> Charter Anniversary Celebration-January 28, 2020 at the BSU Gymnasium
2. Light retreat of the BSU Christmas Tree on January 20, 2020 at the BSU Admin Building
3. SLS Chorister Recital on January 31, 2020 at the SLS Covered court
4. Recital and Acoustic Night of Glee Club on February 14, 2020 at the BSU-SLS Gymnasium
5. Singing Gram on February 4-14, 2020 at the BSU-Library
6. IPA Sports Festival on February 15, 2020 at the BSU Gymnasium
7. CTE Annual Sports Festival Parade on February 28, 2020 at the BSU Compound
8. BSU 104<sup>th</sup> Foundation Anniversary and PRAISE EVERLASTING Award on September 23, 2020 at the BSU Gymnasium
9. Turn Over Ceremony and Thanks Giving Program for the 7<sup>th</sup> BSU President Dr. Felipe S. Comila on December 9, 2020 at the BSU Gymnasium

### B. PERFORMANCES IN ACTIVITIES OF OTHER AGENCIES/ORGANIZATIONS

1. National Bible Month Night and Awarding Ceremony on January 27, 2020 at the BSU Shimamura Park
2. 72<sup>nd</sup> Brgy. Ampucao Foundation Anniversary on January 10, 2020 at Brgy. Ampucao Itogon Benguet
3. Miss Universe Philippines Candidates visit at BSU on October 16, 2020 at the BSU Gymnasium



(Top) BSU OIC Dir. Danilo B. Bose dancing Tayao with BSU-CCA Director Leonardo Samonte along with other University Officials during the BSU Foundation Anniversary on June 2020 and (below) CCA dancers with the Ms. Universe Candidates.

### C. EXTENSION ACTIVITIES

1. Rondex Activity-Basil Elementary School Rondalla on January 18, 2020
2. Basil Youth Rondalla for 8<sup>th</sup> Pagyamanin Likas Musika Rondalla Festival on January 18 and 25, 2020
3. Tutorial at BCNHS-Fort del Pilar Annex on February 15, 2020 at the PMA Compound, Fort del Pilar, Baguio City

### D. SEMINARS AND WEBINARS ATTENDED/FACILITATED

1. Pagyamanin Likas Musika (PLM) 8<sup>th</sup> Rondalla Festival held on February 14-15, 2020 at the University Activity Center, Pamantasan ng Lungsod ng Maynila, Intramuros, Manila
2. Webinar on BSU History on September 30, 2020 via FB Live on the BSU FB Page
3. TAMPOK SABADULAAN 1; Conversations towards a theatre academy (Youth and Theatre; Theatre in development and good governance) held on September 19, 2020
4. 14<sup>th</sup> Tanghal: Hibla National Theatre festival on October 24-25, 2020 (online)
5. CCA Mental Health Seminar on December 17, 2020 at the CAS Little Theatre

## VI. Sentro ng Wika at Kultura

The following are the activities conducted and facilitated by the Sentro ng Wika at Kultura from January – December 2020 cognizant of the adjustments undertaken in light of the current situation.

- March 06, 2020- Seminar on Campus Journalism at Ba-ay Integrated School, Bagulin, La Union
- August 28, 2020- “Paligsahan sa Pagsulat ng Tula at Sanaysay”- One of the Highlights of the Buwan ng Wika Celebration
- November 23, 2020- Attendance to the SWK Directors’ Meeting through Google Meet
- December 7, 2020 Submission of Research Proposals to the Komisyon sa Wikang Filipino for the “Tertulyang Pampanitikan at Tertulyang Pangwika 2021”

*A detailed report of the Academic Sector 2020 is accessible at*  
<http://www.bsu.edu.ph/bsu-transparency-seal>

# RESEARCH AND EXTENSION

For the year 2020, some memorable events and activities in the Research and Extension Sector included the conduct of the Stakeholder Consultation on Pest Risk Analysis for the Importation of Fresh Strawberry Fruits from the Republic of Korea on July 2, 2020. This was held at the everlasting hall of the new R & E Building. The consultation was attended by representatives from the Local Government Unit of La Trinidad, BSU experts, representatives from the Provincial and Regional Agriculture Offices, strawberry farmers and other stakeholders. The group discussed the advantages and disadvantages of allowing the entry of fresh strawberry fruits in the country from the Republic of Korea. As a result of the activity, a position letter was formulated by the strawberry growers group expressing their sentiments on the said importation. The experts from BSU came up with their technical evaluation and recommendation on the matter. The documents served as the basis for the Local Government of La Trinidad to make appropriate legislative action.

Another milestone for the Northern Philippine Root Crops Research and Training Center (NPRCRTC) is when it formally received its certificate of accreditation as potato seed producer on November 11, 2020 from the National Seed Quality Control Services of the Bureau of Plant Industry (BPI). This is after complying with the findings and recommendations of the BPI evaluation team.

Meanwhile, the Cordillera Consortium on Agriculture Aquatic Resources Research and Development (CorCAARRD) placed 2<sup>nd</sup> runner-up in the UGNAY Awards held virtually on December 22, 2020 as part of PCAARRD's anniversary celebration. The award is granted by the Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development (PCAARRD) to recognize outstanding performing Consortia nationwide. The Consortium received a trophy, plaque of recognition, and Php 800,000.00 cash incentive from PCAARRD.



*The research and extension sector strived to continue operations and also contribute to the community through the COVID-19 Pandemic.*

# Research

## I. Completed Researches

A total of 64 research studies by the different research centers, institutes and colleges were completed for the year 2020. Specifically, 20 researches were completed by the Higher Education Regional Research Center (HERRC), three (3) were completed by the Horticultural Research and Training Institute (HORTI), three (3) were completed by the Institute of Highland Farming Systems and Agroforestry (IHFS), three (3) were completed by the Center for Geoinformatics, 15 were completed by ISRD, four (4) were completed by the Climate Smart Agriculture Center (CSAC), 11 were completed by the NPRCRTC, four (4) were completed by CAS and one (1) was completed by the Center for Animal Research and Development (CCARD).

## II. Publications

Twenty (20) research articles were published in international peer reviewed refereed journals and 23 were published in national refereed journal as follows:

Table 4. Research articles published in refereed journals

ARTICLES, AUTHOR/S, AND NAMES OF JOURNAL OR BOOK	
<p>1. Morpho-anatomical characterization of <i>Rhododendron subsessile</i> Rendle, an endangered species of the Cordillera Central Range, Philippines AUTHORS: Mabel Grace V. Bitayan, Starleeñe S. Cervantes, and Jones T. Napaldet NAME OF JOURNAL / BOOK: <i>Journal of Forestry Research</i></p>	<p>7. Confirmed record of <i>Spongospora subterranea</i> subsp. <i>subterranea</i> in potato cv. Igorota in Northern Philippines and the susceptibility of tomato cv. Yellow plum to <i>Spongospora</i> root infection AUTHORS: Teresita Masangcay and Mark Angelo Balendres NAME OF JOURNAL / BOOK: <i>Archives of Phytopathology and Plant Protection</i></p>
<p>2. Absorption of Lead and Mercury in Dominant Aquatic Macrophytes of Balili River and its Implications to Phytoremediation of Water Bodies AUTHORS: Jones T. Napaldet, and Inocencio E. Buot Jr. NAME OF JOURNAL / BOOK: <i>Tropical Life Sciences Research</i></p>	<p>8. Adoption and economic analysis of using biological control in Philippine highland farms: Case of <i>Trichoderma koningii</i> strain KA AUTHORS: Cheryll C. Launio, Kacy O. Labon, Alladin M. Bañez and Ruth S. Batani NAME OF JOURNAL / BOOK: <i>Crop Protection</i></p>
<p>3. Nonlinear Height-DBH Model Analysis for Three Tropical Tree Species in Mt. Makiling, Philippines AUTHORS: Nova D. Doyog, Roscinto Ian C Lumbres, Feliciano G. Calora Jr., Nelson M. Pampolina, Michelle D. Gamboa, Dante S. Chichioco, and Young Jin Lee NAME OF JOURNAL / BOOK: <i>Journal of Sustainable Forestry</i></p>	<p>9. Awareness and Compliance on Waste Segregation: Implication to a Waste Management Program in a University AUTHORS: Bretel B. Dolipas, Jennifer Lyn S. Ramos, Monica S. Alimondo, Phil S. Ocampo, and Danni Loven A. Fulwani NAME OF JOURNAL / BOOK: <i>Athens Journal of Sciences</i></p>
<p>4. Ecological services of agroforestry systems in selected upland farming communities in the Philippines AUTHORS: Romnick S. Baliton, Leila D. Landicho, Rowena Esperanza D. Cabahug, Roselyn F. Paelmo, Kenneth A. Laruan, Ramil S. Rodriguez, Roberto G. Visco, and Arnold Karl A. Castillo NAME OF JOURNAL / BOOK: <i>BIODIVERSITAS</i></p>	<p>10. Identification of quantitative trait loci underlying resistance and tolerance to the rice root-knot nematode, <i>Meloidogyne graminicola</i>, in Asian rice (<i>Oryza sativa</i>) AUTHORS: Judith Galeng-Lawilao, B. P. Mallikarjuna Swamy, Tapas Kumer Hore, Arvind Kumar, and Dirk De Waele NAME OF JOURNAL / BOOK: <i>Molecular Breeding</i></p>
<p>5. Chemical Wastes Management in Stem Academic Laboratories of Baguio City, Philippines: Challenges and intervention scheme AUTHORS: Francisco L. Soriano and Luisita L. Ely NAME OF JOURNAL / BOOK: <i>International Journal of Environment, Ecology, Family and Urban Studies (IJEFUS)</i></p>	<p>11. Climate Change Trends, Impacts and Adaptation of Upland Farmers in La Trinidad, Benguet, Philippines AUTHORS: Gerry P. Alfonso, and Kenneth A. Laruan NAME OF JOURNAL / BOOK: <i>International Journal of Agronomy and Agricultural Research</i></p>
<p>6. Distribution and morpho-anatomical characterization of 'Beket' (<i>Coriaria japonica</i> subsp. <i>intermedia</i> (Matsum) T. C. Huanh) in Cordillera Central Range, Northern Philippines AUTHORS: Maricel A. Guron and Jones T. Napaldet NAME OF JOURNAL / BOOK: <i>Journal of Mountain Science</i></p>	<p>12. Estimation of Basic Wood Density and its Uncertainty for Quercus Species in South Korea AUTHORS: Jung Kee Pyo, Roscinto Ian Lumbres, Yeong Mo Son, Kyeong Hak Lee, and Young Jin Lee NAME OF JOURNAL / BOOK: <i>Journal of Environmental Science and Management</i></p>

## ARTICLES, AUTHOR/S, AND NAMES OF JOURNAL OR BOOK

<p>13. Crown Fuel Characteristics and Allometric Equations of <i>Pinus densiflora</i> in Gyeongbuk Province, Korea AUTHORS: Sung Yong Kim, Roscinto Ian Lumbres, Yeon Ok Seo, Mina Jang, Sun Joo Lee, Byungdoo Lee, and Young Jin Lee NAME OF JOURNAL / BOOK: <i>Journal of Environmental Science and Management</i></p>	<p>21. Growth Improvement of ‘Grand Rapids’ Lettuce using Protected Cultivation under Chilling Conditions in Benguet, Philippines AUTHORS: Darwin A. Basquial, and Constancio C. De Guzman NAME OF JOURNAL / BOOK: <i>The Thailand Natural History Museum Journal</i> 14(1) 73-83</p>
<p>14. Geomorphometric Characterization and Analysis of the Bued Watershed Using Advanced Spaceborne Thermal Emission and Reflection Radiometer - Global Digital Elevation Model V3 through Geospatial Techniques AUTHOR: Bernard Peter O. Daipan NAME OF JOURNAL / BOOK: <i>Philippine Journal of Science</i> 149 (3-a): 955-967,ISSN 0031-7683</p>	<p>22. Vascular Plant Diversity in Benguet State University La Trinidad, Main campus, Philippines: A Status Report and a Database to Support the Attainment of Sustainable Development AUTHORS: Jhunedyn M. Antonio, Margarette M. Bacate, Jackson L. Butag, Sheinalene M. Ladoan, Gina D. Vicente, and Jones T. Napaldet NAME OF JOURNAL / BOOK: <i>Journal of Wetlands Biodiversity</i></p>
<p>15. Lead and Mercury Uptake in Dominant Macrophytes of Balili River, Benguet, Philippines AUTHORS: Jones T. Napaldet and Inocencio Buot, Jr. NAME OF JOURNAL / BOOK: <i>Journal of Wetlands Biodiversity</i></p>	<p>23. Status of Introduced Potato Varieties in Benguet and Mountain Province, Philippines AUTHORS: Cynthia G. Kiswa, Gabby K. Dao-ines, and Betty T. Gayao NAME OF JOURNAL / BOOK: <i>Mountain Journal Science Interdisciplinary Research (MJSIR)</i></p>
<p>16. Predicting success in teacher education: Revisiting the influence of high school GPA, admission, and standardized test scores on academic and licensure performance AUTHORS: Apler J. Bansiong, and Janet Lynn M. Balagtey NAME OF JOURNAL / BOOK: <i>Journal of Research, Policy &amp; Practice of Teacher and Teacher Education</i></p>	<p>24. Rehabilitation of Eutrophic Rivers Through Phytoremediation in Constructed Wetland: The Case of Balili River in Benguet, Philippines AUTHORS: Jones T. Napaldet, and Inocencio Buot, Jr. NAME OF JOURNAL / BOOK: <i>Methodologies Supportive of Sustainable Development in Agriculture and Natural Resources Management: Selected Cases in Southeast Asia</i> (Chapter 12: pp.203-230)</p>
<p>17. Spatial and Productivity Measurements in Traditional Rice-based Ecosystems in Highland Cordillera (Chapter 2) SEARCA, College Laguna AUTHOR: Romeo A. Gomez Jr. NAME OF JOURNAL / BOOK: <i>Methodologies Supportive of Sustainable Development in Agriculture and Natural Resources Management: Selected Cases in Southeast Asia</i> (Chapter 2 pp 11-22)</p>	<p>25. Need-Based and Participatory Approach to Extension: Case of Addressing Sweetpotato Fusarium Wilt in Kayapa, Nueva Vizcaya AUTHORS: Grace S. Backian, Dalen T. Meldoz, Teresita D. Masangcay, and Cynthia G. Kiswa NAME OF JOURNAL / BOOK: <i>Mountain Journal Science Interdisciplinary Research (MJSIR)</i></p>
<p>18. Adoption of Root crop and Fruit-Based Processing Technologies AUTHORS: Esther T. Botangen, Hilda L. Quindara, and Joyce K. Mama-o NAME OF JOURNAL / BOOK: <i>Mountain Journal Science Interdisciplinary Research (MJSIR)</i></p>	<p>26. Teachers’ Preparedness for Inclusive Education AUTHOR: Leonila R. Sito NAME OF JOURNAL / BOOK: <i>Mountain Journal Science Interdisciplinary Research (MJSIR)</i></p>
<p>19. Gender Roles in Root and Tuber Crops Production in Northern Philippines AUTHORS: Dalen T. Meldoz, Betty T. Gayao, and Grace S. Backian NAME OF JOURNAL / BOOK: <i>Mountain Journal Science Interdisciplinary Research (MJSIR)</i></p>	<p>27. Informal Seed System on Greater Yam (<i>Dioscorea Alata</i>): Knowledge and Practices among Indigenous People in Northern Philippines AUTHORS: Grace S. Backian, Betty T. Gayao, and Dalen T. Meldoz NAME OF JOURNAL / BOOK: <i>Mountain Journal Science Interdisciplinary Research (MJSIR)</i></p>
<p>20. Information and Communication Technology (ICT) Through PowerPoint Presentation: A Tool in Enhancing Teaching-Learning Process AUTHORS: Bretel B. Dolipas, Freda Kate D. Samuel, and Kenneth B. Pakipac NAME OF JOURNAL / BOOK: <i>Mountain Journal Science Interdisciplinary Research (MJSIR)</i></p>	<p>28. Knowledge Construction Schemata of Teachers in Solving Real World Non-Routine Problem Situation: their Implications to Mathematics Education AUTHOR: Serano L. Oryan NAME OF JOURNAL / BOOK: <i>Mountain Journal Science Interdisciplinary Research (MJSIR)</i></p>

## ARTICLES, AUTHOR/S, AND NAMES OF JOURNAL OR BOOK

<p>29. Readiness of Preservice Teachers in the 21<sup>st</sup> Century Teaching Environment AUTHOR: Imelda G. Parcasio NAME OF JOURNAL / BOOK: <i>Mountain Journal Science Interdisciplinary Research (MJSIR)</i></p>	<p>37. Teaching Practices for Children with Autism (CWA) at Baguio SPED Center AUTHOR: Dante M. Miguel NAME OF JOURNAL / BOOK: <i>Mountain Journal Science Interdisciplinary Research (MJSIR)</i></p>
<p>30. Performance of Orange-Fleshed Sweetpotato Varieties in Three Agroecological Conditions in Cordillera Administrative Region, Philippines AUTHORS: Hilda Quindara, Isidro Awal, Roger Gayumba, and Belinda Tad-awan NAME OF JOURNAL / BOOK: <i>Mountain Journal Science Interdisciplinary Research (MJSIR)</i></p>	<p>38. Motivation toward teaching and employment profile of the Bachelor of Secondary Education Graduates of Benguet State University AUTHORS: Apler Bansiong, Jingle Cuevas, and Dolores Alawas NAME OF JOURNAL / BOOK: <i>Mountain Journal Science Interdisciplinary Research (MJSIR)</i></p>
<p>31. Benguet State University High School Students' Curiosity, Interest, and Perceptions on Interactive Manipulatives in Mathematics AUTHORS: Joel V. Lubrica, Serano L. Oryan, Monica S. Alimondo, Julie A. Buasen Bretel B. Dolipas, and Phil S. Ocampo NAME OF JOURNAL / BOOK: <i>Mountain Journal Science Interdisciplinary Research (MJSIR)</i></p>	<p>39. Growing Arabica Coffee in the Mountain: Evolving Production and Marketing Practices in Benguet and Mountain Province AUTHORS: Ruth S. Batani, Beverly C. Sa-ao, Kristerlyne S. Manao, Mary An J. Altaki Joel C. Faroden, Gretchen Shagami M. Hudson, and Darlyn D. Tagarino NAME OF JOURNAL / BOOK: <i>Mountain Journal Science Interdisciplinary Research (MJSIR)</i></p>
<p>32. Competency Appraisal as a Tool in Improving the Board Exam Performance of Benguet State University Bachelor of Science in Forestry Graduates AUTHORS: Marissa R. Parao, Elvira Besiic, Bernard Peter Daipan, Nover Matso, and Marycel Sajise NAME OF JOURNAL / BOOK: <i>Mountain Journal Science Interdisciplinary Research (MJSIR)</i></p>	<p>40. Effects of the Different Postharvest Processing Methods on the Occurrence of Ochratoxin A and Cupping Quality of Arabica Coffee AUTHORS: Andres A. Basalong, Von A. Amado, Margelyn Pasigon, and Hazen Lyn Talbini NAME OF JOURNAL / BOOK: <i>Mountain Journal Science Interdisciplinary Research (MJSIR)</i></p>
<p>33. Germplasm Collection and Varietal Evaluation of Heirloom Rice in Benguet AUTHORS: Belinda A. Tad-awan, Hector Gayomba, Teresita Masangcay, Jasmin Chomawat, and Wilner Mauting NAME OF JOURNAL / BOOK: <i>Mountain Journal Science Interdisciplinary Research (MJSIR)</i></p>	<p>41. Utilization of Orange-fleshed Sweetpotatoes to Enhance the B-Carotene Content of Locally Consumed Food Products AUTHORS: Hilda Quindara, Ines Gonzales, Esther T. Botangen, and Belinda A. Tad-awan NAME OF JOURNAL / BOOK: <i>Mountain Journal Science Interdisciplinary Research (MJSIR)</i></p>
<p>34. Efficacy of Fermented Garlic and Vinegar-Based Biopesticide for <i>Fusarium (Fusarium oxysporum f. sp. batatas)</i> Wilt Management in Sweetpotato AUTHORS: Teresita D. Masangcay, and Jophr. L. Galian NAME OF JOURNAL / BOOK: <i>Mountain Journal Science Interdisciplinary Research (MJSIR)</i></p>	<p>42. Traditional Food Preparation Practices for Roots and Tubers among Indigenous Peoples in Northern Philippines AUTHORS: Dalen Meldoz et al. NAME OF JOURNAL / BOOK: <i>Mountain Journal Science Interdisciplinary Research (MJSIR)</i></p>
<p>35. The News Shapes Our Views: Media Exposure and Attitudes Towards Drug Addicts AUTHORS: Karyll Ngina, Francis Simonh Bries, and Joan Bonsol Marasigan NAME OF JOURNAL / BOOK: <i>Mountain Journal Science Interdisciplinary Research (MJSIR)</i></p>	<p>43. The Integration of Indigenous Knowledge Systems (IKS) in The Tertiary Level Curriculum of Benguet State University La Trinidad Campus AUTHORS: Gigy Guma-ad Banes, and Kristine Baniqued-Dela Cruz NAME OF JOURNAL / BOOK: <i>Mountain Journal Science Interdisciplinary Research (MJSIR)</i></p>
<p>36. Perceptions and Political Participation of BSU Students AUTHOR: Ma. Theresa Dolipas NAME OF JOURNAL / BOOK: <i>Mountain Journal Science Interdisciplinary Research (MJSIR)</i></p>	

### III. Research Paper Presentation

A total of 109 research papers were presented by BSU researchers in four (4) international, one (1) national, ten regional and 94 local or institutional conferences. The R&E sector conducted the Annual Agency In-House Review on September 16-18, 2020 at the Research and Extension Building. A total of 94 research papers were presented with 46 completed and 48 ongoing. The distribution per theme is as follows:

Table 5. Distribution per theme of papers presented in the BSU Agency In-House Review

THEME	OUTSIDE FUNDED	BSU FUNDED	TOTAL
<b>Completed</b>			
S&T AANR	4	9	13
S&T FIEET	1	4	5
Social AANR	4	1	5
Sociocultural/Socioeconomics	-	11	11
Development/Extension	2	-	2
Education		10	10
<b>TOTAL</b>	<b>11</b>	<b>35</b>	<b>46</b>
<b>On-going</b>			
S&T AANR	13	23	36
S&T FIEET	1	1	2
Social AANR	1	-	1
Sociocultural/Socioeconomics	1	3	4
Development/Extension	3	-	3
Education	-	2	2
<b>TOTAL</b>	<b>19</b>	<b>29</b>	<b>48</b>

### IV. Awards/ Recognitions

The following list shows the awards and recognitions received by full time and faculty researchers in various research fora or activities.

#### 2020 CSSP Honorary Fellow Award

**AWARDEE:** Leoncia L. Tandang **DATE RECEIVED:** November 11, 2020 **AWARDING ORGANIZATION:** Crop Science Society of the Philippines (CSSP)

Outside Funded / S&T AANR Category

#### Best Paper

**AWARDEES:** Sherlyn C. Tipayno, Criselda S. Battad, Amelia M. Kimeu, Norbert Q. Angalan, Jayson D. Komicho, Alfonso O. Fagcayang, and Khyle W. Paltican **PROJECT TITLE:** Monitoring Microbes and Parasites of Public Health Importance in Lettuce and Strawberry Produced in Benguet Province-Study 1: Farming Practices and Bio-physicochemical Assessment and Strawberry in Benguet Province **DATE RECEIVED:** September 18, 2020

**AWARDING ORGANIZATION:** BSU

BSU Funded / S & T AANR Category

#### 1<sup>st</sup> Best Paper

**AWARDEES:** Nordalyn Pedroche and Socorro L. Rulloda **PROJECT TITLE:** Potential of Entomopathogenic Nematodes and Microbial Antagonist Against Soil-borne Pathogens and Insects in Coffee-Study 3. Evaluation of Entomopathogenic Nematodes (EPNs) against Major Insect Pests **DATE RECEIVED:** September 18, 2020

**AWARDING ORGANIZATION:** BSU

#### 2<sup>nd</sup> Best Paper

**AWARDEES:** Sherlyn C. Tipayno and Christian Mark Guyo **PROJECT TITLE:** Bacterial Endophyte-Assisted Bioremediation of Pesticide Residues in Lettuce (*Lactuca sativa*) and Spinach (*Spinaca oleracea*) Crops-Study 1: Isolation and Characterization of Pesticide Degrading Endophytes from Plants Growing in Persistent Organic Pollutant (POP) Pesticide-contaminated Agricultural Lands **DATE RECEIVED:** September 18, 2020

**AWARDING ORGANIZATION:** BSU

#### Outside Funded / S&T FIEET Category

##### **Best Paper**

**AWARDEES:** Valentino L. Macanes, Lesley Dale G. Umayat, Elmer D. Pakipak, Cole Jeran Malucay, Jomar T. Tacio, and Mirafy G. Balang **PROGRAM TITLE:** R and D Program on Arabica Coffee in the Cordillera Administrative Region (CAR) **PROJECT TITLE:** Evaluation and Development of Best Practices for Rejuvenation, Postharvest Processing and Storage for Quality Coffee Production in Benguet and Mountain Province **STUDY TITLE:** Arabica Wine Technology Development from Postharvest Processing By-Products **DATE RECEIVED:** September 18, 2020 **AWARDING ORGANIZATION:** BSU

#### BSU Funded / S&T FIEET Category

##### **Best paper**

**AWARDEES:** Andres A. Basalong, Von Y. Amado, and Hazen Lynn B. Talbino **PROJECT TITLE:** Impact of Post-Harvest Processing Methods on the Occurrence of Ochratoxin A and Cupping Quality of Arabica Coffee **STUDY TITLE:** Impact of Roast Levels on the Physical Properties, Microbial Contaminants and Cup Quality of Arabica Coffee **DATE RECEIVED:** September 18, 2020 **AWARDING ORGANIZATION:** BSU

#### Outside Funded / SOCIAL AANR Category

##### **1<sup>st</sup> Best Paper**

**AWARDEES:** Grace S. Backian, Betty T. Gayao, Jophr L. Galian, and Ammie D. Ngao-toy **PROJECT TITLE:** Root Crop Pests and Diseases Currently Affecting Livelihood and Income of Indigenous Growers in Benguet and Nueva Vizcaya **STUDY 2. Taro Leaf Blight (*Phytophthora colocasia*), Taro Beetle and other Taro Insect Pests and Diseases affecting Farms of Indigenous Growers in Benguet and Nueva Viscaya, Philippines** **DATE RECEIVED:** September 18, 2020 **AWARDING ORGANIZATION:** BSU

##### **2<sup>nd</sup> Best Paper**

**AWARDEES:** Grace S. Backian, Betty T. Gayao, Jophr L. Galian, and Ammie D. Ngao-toy **PROJECT TITLE:** Root Crop Pests and Diseases Currently Affecting Livelihood and Income of Indigenous Growers in Benguet and Nueva Vizcaya- Study 3. Yam Anthracnose (*Colletotrichum gloeosporioides*) in Benguet and Nueva Vizcaya, Philippines **DATE RECEIVED:** September 18, 2020 **AWARDING ORGANIZATION:** BSU

##### **3<sup>rd</sup> Best Paper**

**AWARDEES:** Grace S. Backian, Betty T. Gayao, Jophr L. Galian, and Ammie D. Ngao-toy **PROJECT TITLE:** Root Crop Pests and Diseases Currently Affecting Livelihood and Income of Indigenous Growers in Benguet and Nueva Vizcaya **STUDY 1. Sweet Potato Fusarium Wilt (*Fusarium oxysporum* f sp. *batatas*) and other Insect Pests and Diseases Affecting Farms of Indigenous Growers in Benguet and Nueva Viscaya** **DATE RECEIVED:** September 18, 2020 **AWARDING ORGANIZATION:** BSU

#### BSU Funded / Sociocultural / Socioeconomics Category

##### **1<sup>st</sup> Best Paper**

**AWARDEES:** Karryl Mae C. Ngina, Editha A. Grande, Liza Ngiao, and Joel V. Lubrica **PROGRAM TITLE:** #iGenHopeful: Exploring iGeneration Wellbeing and Development towards Responsive iGen programs **PROJECT TITLE 2: #iGenHopeful: Exploring iGeneration Mental Health Study Title: #iSADgen: Psychological Morbidities of the iGeneration Higher Education Students towards Policy Development** **DATE RECEIVED:** September 18, 2020 **AWARDING AGENCY:** BSU

##### **2<sup>nd</sup> Best Paper**

**AWARDEE:** Karryl Mae C. Ngina **PROGRAM TITLE:** #iGenHopeful: Exploring iGeneration Wellbeing and Development towards Responsive iGen programs **PROJECT 2 TITLE: #iGenHopeful: Exploring iGeneration Mental Health STUDY 2 TITLE: #iGenNarratives: A Life Narrative Approach in Exploring Mental Health Issues of the iGeneration Towards a Therapeutic Pedagogy** **DATE RECEIVED:** September 18, 2020 **AWARDING ORGANIZATION:** BSU

#### Outside Funded / Development /Extension Category

##### **Best Paper**

**AWARDEES:** Ruth S. Batani, Carlito P. Laurean, Teresita K. Mangili, Jocelyn C. Perez, Alexander W. Fagyan, Cus M. Kilakil, audemar L. Luis, Craig P. Lucas, and Sheler D. Ramos **PROGRAM TITLE:** Disaster Risk Reduction of Climate Change Impacts on Vulnerable Agricultural Farms in CAR **PROJECT TITLE:** Disaster Risk Reduction of Climate Impacts on Vulnerable Terrace Farms in Benguet **DATE RECEIVED:** September 18, 2020 **AWARDING ORGANIZATION:** BSU

#### BSU Funded / Education Category

##### **1<sup>st</sup> Best Paper**

**AWARDEES:** Jhordan T. Cuilan, Cynthia T. Lubiton, and Candace Grale B. Macli-ing **STUDY TITLE:** Master of Arts in English as a Second Language Graduates' Employment Profile and Program Relevance: Bases for Quality Measures towards Curriculum Review and Enhancement **DATE RECEIVED:** September 18, 2020 **AWARDING ORGANIZATION:** BSU

### 2<sup>nd</sup> Best Paper

**AWARDEE:** Leonila R. Sito **STUDY TITLE:** Assessment Practices in Higher Education Institutions in the Cordillera Administrative Region **DATE RECEIVED:** September 18, 2020 **AWARDING ORGANIZATION:** BSU

**Outstanding Alumni on Social Research & Extension (104<sup>th</sup> Foundation Anniversary PRAISE Everlasting Awards 2020)** **AWARDEE:** Ruth S. Batani **STUDY TITLE:** "Education, Propagation and Conservation of Traditional Food Crops as Embodiment of Indigenous Knowledge in Palina, Kibungan: An Extension" (ATI-DA) **DATE RECEIVED:** September 23, 2020 **AWARDING ORGANIZATION:** BSU

### 3<sup>rd</sup> Best Poster

**AWARDEE:** Jovita M. Sim (104<sup>th</sup> Foundation Anniversary PRAISE Everlasting Awards 2020) **STUDY TITLE:** "Awareness of Consumers on the First, Second, and Third Degree Certification of Organic Products" (Social-ANNR category) **DATE RECEIVED:** September 23, 2020 **AWARDING ORGANIZATION:** BSU

### 2<sup>nd</sup> Best Paper

**AWARDEES:** Ruth S. Batani, Romeo A. Gomez, Jr. and Cheryll C. Launio (104<sup>th</sup> Foundation Anniversary PRAISE Everlasting Awards 2020) **STUDY TITLE:** "Assessment Field, Validation and Documentation of Evidence-based Ecosystem Adaptation Measures with Potential for Scaling-up in Indigenous Cultural Communities" **DATE RECEIVED:** September 23, 2020 **AWARDING ORGANIZATION:** BSU

### 1<sup>st</sup> Best Paper (104<sup>th</sup> Foundation Anniversary PRAISE Everlasting Awards 2020)

**AWARDEE:** Matyline A. Camfili-Talastas **STUDY TITLE:** "Learning Day-eng and Liwliwa as told by Ypidlisan" (Social Sciences Category: Oral Presentation) **DATE RECEIVED:** September 23, 2020 **AWARDING ORGANIZATION:** BSU

### 3<sup>rd</sup> Best Paper (104<sup>th</sup> Foundation Anniversary PRAISE Everlasting Awards 2020)

**AWARDEE:** Stanley F. Anongos **STUDY TITLE:** "Accommodation of Indigenous Dances in Higher Education Institutions in CAR" (Social Science Category: Oral Presentation) **DATE RECEIVED:** September 23, 2020 **AWARDING ORGANIZATION:** BSU

**2<sup>nd</sup> Best Paper Research Category: Oral Presentation (104<sup>th</sup> Foundation Anniversary PRAISE Everlasting Awards 2020)** **AWARDEES:** Andres A. Basalong Hazen Lyn B. Talbino, and Von Y. Amado **STUDY TITLE:** "Impact of the Different Postharvest Processing Methods on the Occurrence of Ochratoxin A and Cupping Quality of Arabica Coffee" **DATE RECEIVED:** September 23, 2020 **AWARDING ORGANIZATION:** BSU

### 1<sup>st</sup> Best Poster Social AANR Category (104<sup>th</sup> Foundation Anniversary PRAISE Everlasting Awards 2020)

**AWARDEES:** Grace Backian, Ammie Ngaotoy, Grace Backian, and Jophr Galian **STUDY TITLE:** Survey of the Prevalence and Effect of Taro Leaf Blight and Taro Beetle on Livelihood and Security Indigenous Growers in Benguet and Nueva Vizcaya **DATE RECEIVED:** September 23, 2020 **AWARDING ORGANIZATION:** BSU

**1<sup>st</sup> Best Paper Development Category Science and Technology** **AWARDEES:** Carlito P. Laurean (Project Leader) Jocelyn C. Perez (Study Leader), and Jaime B. Codio (Project Staff) **STUDY TITLE:** Community Based Farm (STCBF) on Spray-Type Chrysanthemum Production: A Model in Accelerating Agricultural Development in Benguet **DATE RECEIVED:** September 23, 2020 **AWARDING ORGANIZATION:** BSU

**2<sup>nd</sup> Best Poster (Regional Symposium, Education Category)** **AWARDEES:** Karryll Mae C. Ngina, Ma. Theresa Dolipas, and Grace Sabado **PROJECT 3: #iGen Hopeful: Exploring iGeneration Student Development Study 2: #iGenEngagement: Exploring iGen Global Citizenship an Civic Engagement in Higher** **DATE RECEIVED:** December 10, 2020 **AWARDING ORGANIZATION:** CorCAARRD

**1<sup>st</sup> Best Paper (Regional Symposium, Social Science Category)** **AWARDEE:** Karryll Mae C. Ngina **PROGRAM TITLE:** #iGenHopeful: Exploring iGeneration Wellbeing and Development towards Responsive iGen programs **Study Title #iGenNarratives: A Life Narrative Approach in Exploring Mental Health Issues of iGeneration Towards a Therapeutic Pedagogy** **DATE RECEIVED:** December 10, 2020 **AWARDING ORGANIZATION:** CorCAARRD

**2<sup>nd</sup> Best Paper (Regional Symposium, Social Science Category)** **AWARDEES:** Karryll Mae C. Ngina, Editha A. Grande, Liza Ngiao, and Joel V. Lubrica **PROGRAM TITLE:** #iGenHopeful: Exploring iGeneration Wellbeing and Development towards Responsive iGen Programs **Study Title: #iSADgen: Psychological Morbidities of the iGeneration Higher Education Students towards Policy Development** **DATE RECEIVED:** December 10, 2020 **AWARDING ORGANIZATION:** CorCAARRD

**1<sup>st</sup> Best Paper (Regional Symposium, Education Category)** **AWARDEES:** Jhordan T. Cuilan; Cynthia T. Lubiton; Candace Grale B. Macli-ing **STUDY TITLE:** Master of Arts as a Second Language Graduates' Employment Profile and Program Relevance: Bases for Quality Measure Towards Curriculum Review and Enhancement **DATE RECEIVED:** December 10, 2020 **AWARDING ORGANIZATION:** CorCAARRD

**1<sup>st</sup> Best Paper (Regional Symposium, Education Category)** **AWARDEES:** Janet M. Balagtey, Imelda G. Parcasio, Donna Claire L. Coling, and Lauren B. Likigan **STUDY TITLE:** Development of Digital Literacy Test **DATE RECEIVED:** December 10, 2020 **AWARDING ORGANIZATION:** CorCAARRD

**1<sup>st</sup> Best Poster (IET Category)** **AWARDEES:** Andres A. Basalong, Von Y. Amado, and Hazen Lyn B. Talbino  
**STUDY TITLE:** Effect of Drying Methods and Load Level on Ochratoxin A Contamination and Cup Quality of Arabica Coffee (Poster Presentation) **DATE RECEIVED:** December 10, 2020 **AWARDING ORGANIZATION:** CorCAARRD

**1<sup>st</sup> Place, Research Paper for Research Category**

**AWARDEES:** Nordalyn B. Pedroche, and Socorro L. Rulloda **STUDY TITLE:** Potential of Entomopathogenic Nematodes as Biological Control Agents Against Soil-Borne Pathogens and Insects in Coffee **DATE RECEIVED:** December 10, 2020 **AWARDING ORGANIZATION:** CorCAARRD

**3<sup>rd</sup> Place Best Paper for Research Category**

**AWARDEES:** Sherlyn C. Tipayno, Amelia M. Kimeu, and Criselda S. Battad **STUDY TITLE:** Farming Practices and Biophysical Assessment of Organic Farms Producing Lettuce and Strawberry in Benguet Province **DATE RECEIVED:** December 10, 2020 **AWARDING ORGANIZATION:** CorCAARRD

**3<sup>rd</sup> Place Best Paper Award (Outside Funded: Science and technology FIEET Category)**

**AWARDEES:** Valentino L. Macanes, Lesley Dale G. Umayat, Elmer D. Pakipak, Cole Jeran Malucay, Jomar T. Tacio, and Mirafy G. Balang **STUDY TITLE:** Arabica Wine Technology Development from Postharvest Processing By-products **DATE RECEIVED:** December 10, 2020 **AWARDING ORGANIZATION:** CorCAARRD and CIEERDEC

**3<sup>rd</sup> Best Paper Award (Outside Funded: Science and Technology AANR Category)**

**AWARDEES:** Sherlyn C. Tipayno, Criselda S. Battad, Amelia M. Kimeu, Norbert Q. Angalan, Jayson D. Komicho, and Alfonso O. Fagcayang, Khyle W. Paltican **STUDY TITLE:** Farming practices and bio-physicochemical assessment of soil and irrigation water of organic farms producing lettuce and strawberry in Benguet province **DATE RECEIVED:** December 10, 2020 **AWARDING ORGANIZATION:** CorCAARRD and CIEERDEC

## V. Utility Model Applications

The Intellectual Property Right Office was able to register a total of 86 creations/compositions in the form of instructional materials, manuals, books, journals, brochures, production guides and other creative works, out of the 103 that was filed to the National Library of the Philippines for the year 2020.

Table 6. List of Utility Model applications

TITLE/S OF TECHNOLOGY AND RESEARCHERS	APPLICATION NUMBER
Utility Model applications filed on February 12, 2020	
A process of making vanilla flavored potato ice cream	2202000072
A process of making potato ice cream	2202000069
A process of making spicy chinese cabbage sauce	2202000067
A process of making potato ice cream with chocolate	2202000070
RESEARCHER: Dominga E. Gabriel	
A process for making chickpea in brine solution	2202000066
A process for making binatog using chickpea	2202000071
A process of making cake enriched with chickpea and sweetpotato	2202000076
A process of making salad enriched with chickpea and vegetables	2202000075
A process of making chickpea-sweet potato filling	2202000074
RESEARCHERS: Ines C. Gonzales, Hilda L. Quindara, Pelin B. Belino, Fernando R. Gonzales, Esther T. Botangen, and Joyce K. Mama-o	
A process for making pineapple-chayote jam	22020000129
A composition for making pineapple-chayote jam	22020000130
RESEARCHERS: Jao-jao A. Somyden, Melchor S. Lumiked, and Dalifer A. Gano	
Utility Model application filed on December 6, 2020	
A composition of minerals for formulating feeds for philippine native pigs (black tiaong strain) RESEARCHER: Mary Arnel D. Garcia	
Utility Model applications filed on December 7, 2020	
Agricultural windbreak structure system RESEARCHERS: Ruth S. Batani, Carlito P. Laurean, Teresita K. Mangili, Jocelyn C. Perez, Alexander W. Fagyan, Cus M. Kilakil, Laudemar L. Luis, Craig P. Lucas, and Sheler D. Ramos	
A process for making turmeric (curcuma longa) powder for tea and spice RESEARCHERS: Esther T. Botangen, Joyce K. Mama-o	

TITLE/S OF TECHNOLOGY AND RESEARCHERS	APPLICATION NUMBER
Utility Model applications filed on December 7, 2020	
A process for making sun-dried pork, Pork smoking material RESEARCHER: Cynthia D. Garambas	
A device for releasing attractant for coffee berry borer ( <i>hypothenemus hampei ferarri</i> ) RESEARCHERS: Gemma S. Das-ilen, Bonie S. Ligat Sr., Fe S. Copero Gemma S. Das-ilen, Bonie S. Ligat Sr., Fe S. Copero, and Kevin Joe P. Eladjo	
A composition of lemongrass herbal tea flavored with freeze-dried fruits A process for making lemongrass herbal tea flavored with freeze-dried fruits RESEARCHERS: Kathlyn P. Aragon, and Jao-jao A. Somyden	
A composition of ube polvoron, A process for making purple yam polvoron RESEARCHERS: Esther T. Botangen, and Joyce K. Mama-o	
A composition of freeze-dried red-fleshed dragon fruit A process for freeze-dried red-fleshed dragon fruit RESEARCHERS: Jao-jao A. Somyden, Rhea S. Contada, Pelin B. Belino, Johnabel T. Basatan, and Ruda Fe A. Suanding	
A process for baking cake enriched with sugar beet ( <i>beta vulgaris</i> ) A composition of baking cake enriched with zucchini ( <i>cucurbita pepo</i> ) A composition of baking cake enriched with sugar beet ( <i>beta vulgaris</i> ) A process for baking cake enriched with zucchini ( <i>cucurbita pepo</i> ) RESEARCHER: Melchor S. Lumiked	
A process of administering chlorogenic acid (cga) suspension for control of coffee leaf rust RESEARCHER: Bernard A. Tad-awan	
A process for making dried arabica coffee pulp wine A composition of dried arabica coffee pulp wine RESEARCHERS: Lesley Dale G. Umayat, Valentino L. Macanes, and Mirafy G. Balang	
A composition of preparing buns enriched with vegetable and root crops A process for making buns enriched with vegetable and root crops RESEARCHERS: Violeta B. Salda, Jofrey J. Bayating, and Manuel M. Dorado Jr.	
Published Utility Model application filed on February 12, 2020	
A process of making polvoron enriched with chickpea RESEARCHERS: Ines C. Gonzales, Hilda L. Quindara, Pelin B. Belino, Fernando R. Gonzales, Esther T. Botangen, and Joyce K. Mama-o	2202000077
Published Utility Model application filed on June 6, 2018	
Portable coconut dehusking machine with detachable blade assembly RESEARCHERS: Istvan Joe Quiamco, Regine Ducusin, and John Malamug	1-2018-050200
Published Utility Model applications filed on September 20, 2018	
Composition of potato ice cream with chocolate	2-2018-050405
Composition of spicy chinese cabbage sauce RESEARCHER: Dominga E. Gabriel	2-2018-050401
Published Utility Model application filed on June 25, 2018	
Sweet potato-puto RESEARCHER: Hilda L. Quindara	2-2018-000600
Published Utility Model applications filed on May 21, 2018	
Multi-purpose digging tool	2-2018-000433
Radiator holder and preparing stand	2-2018-000430
Portable oil refilling device for differential and transmission	2-2018-000434
Portable and multi-purpose loading flat forms	2-2018-000435
Planting device for seeds and seedlings RESEARCHER: Benjamin Piaga	2-2018-000429

TITLE/S OF TECHNOLOGY AND RESEARCHERS	APPLICATION NUMBER
Published Utility Model applications filed on September 21, 2018	
A composition of potato ice cream with chocolate	2-2018-050405
Composition of vanilla flavored potato ice cream	2-2018-050408
Composition of potato ice cream with buko-pandan flavor RESEARCHER: Dominga E. Gabriel	2-2018-050406
Seed propagation of yam through slip RESEARCHER: Cynthia Kiswa	2-2018-50409
Published Utility Model applications filed on June 25, 2019	
A composition for making freeze-dried guyabano	2-2019-000760
A process for making freeze-dried guyabano RESEARCHERS: Jao-jao A. Somyden, Rhea S. Contada, Pelin B. Belino, Johnabel T. Basatan, Ruda Fe A. Suanding, and Elena Ganado	2-2019-000761
A production method of toasting shelled peanuts RESEARCHERS: Hilda L. Quindara	2-2019-000765
Published Utility Model applications filed on December 17, 2019	
A composition for making basil flavored ice cream	2-2019-001617
Process for making basil flavored ice cream RESEARCHERS: Jao-jao A. Somyden, Rhea S. Contada, Pelin B. Belino, Johnabel T. Basatan, Ruda Fe A. Suanding, and Elena Ganado	2-2019-001610
Composition of making pigeon pea flavored ice cream	2-2019-001611
Process for making pigeon pea flavored ice cream RESEARCHERS: Karen Aroco, Jessica Binha-on, Jonalyn Cabbigat, and Jao-jao A. Somyden	2-2019-001609
Published Utility Model applications filed on December 2, 2020	
Process for making binatog using chickpea RESEARCHERS: Ines C. Gonzales, Hilda L. Quindara, Pelin B. Belino, Fernando R. Gonzales, Esther T. Botangen, and Joyce K. Mama-o	2-2018-001621
Published Utility Model applications filed on December 20, 2018	
Composition for making hummus	2-2020-000071
Composition for making crackers enriched with chickpea RESEARCHERS: Ines C. Gonzales, Hilda L. Quindara, Pelin B. Belino, Fernando R. Gonzales, Esther T. Botangen, and Joyce K. Mama-o	2-2018-001623
Published Utility Model applications filed on November 27, 2017	
Process for making mixed vegetable pickles RESEARCHER: Lesley Dale G. Umayat	2-2017-000950
Composition of fruit flavored sweetpotato candied products RESEARCHERS: Ines C. Gonzales, Hilda L. Quindara, Esther T. Botangen, and Isidro Awal	2-2017-000951
Published Utility Model application filed on October 5, 2019	
Method of vacuum packing of dried peanut kernels RESEARCHERS: Hilda L. Quindara	2-2019-000573

## VI. Publications Registered For Copyright Protection

The IPRO was able to register a total of 111 creations or compositions in the form of instructional materials, manuals, books, journals, brochures, production guides and other creative works to the National Library of the Philippines (NLP).

## VI. Writeshops, trainings, seminars and outreach activities conducted or facilitated

A total of 121 seminars, trainings, writeshops, and information dissemination activities were conducted by the various centers, institutes, and colleges for the year 2020 benefiting more than 7,000 individuals.

Table 7. Writeshops, trainings, and seminars conducted

OFFICE/ CENTER/INSTITUTE/ COLLEGE	NO. CONDUCTED TRAININGS	NO. OF TRAINEES/ BENEFICIARIES
Office of Extension Services	10	623
Office of Research Services	1	250
Agri-based Technology Business Incubator/Innovation Center (ATBI/IC)	17	525
Cordillera Center for Animal Research and Development (CCARD)	1	52
Cordillera Organic Agriculture Research and Development Center (COARDC)	3	138
Cordillera Regional Apiculture Center (CRAC)	3	264
Food Science Research and Innovation Center (FSRIC)	6	322
GeoInformatics	3	116
Higher Education Regional Research Center (HERRC)	5	298
Horticulture Research and Training Institute (HORTI)	4	282
IHFSA	6	127
Institute of Social Research and Development (ISRD)	7	831
Intellectual Property Rights Office (IPRO)	3	299
Northern Philippines Root Crops Research and Training Center (NPRCRTC)	3	68
Research and Extension Publication Office (REPO)	4	242
Cordillera Consortium on Agriculture Aquatic Resources Research and Development (CorCAARRD)	3	658
College of Agriculture	4	98
College of Arts and Sciences	2	76
College of Forestry	1	84
College of Home Economics and Technology	9	223
College of Teacher Education	12	756
College of Nursing	3	138
College of Veterinary Medicine	6	193
Open University	1	9
Office of Student Services	2	601
College of Engineering and Applied Technology	2	29
TOTAL	121	7,302



The R&E sector facilitated the conduct of the 'Stakeholder Consultation on Pest Risk Analysis for the Importation of Fresh Strawberry Fruits from the Republic of Korea' on July 2, 2020 held at the Everlasting Hall of the New R&E Bldg.



The Center for Geoinformatics conducted the training on the 'Application of Geographic Information System on Research and Extension' on July 28 -30, 2020 with 35 participants, and the 'Training on Climate-Risk Vulnerability Assessment (CRVA), Climate-Resilient Agri-fisheries (CRA), and Cost Benefit Analysis (CBA) for Adaptation and Mitigation Initiative in Agriculture (AMIA) in CAR' on August 4-6, 2020 with 25 participants. Both activities were held at the Everlasting Hall of the New R&E Bldg.



The Research and Extension Publication Office (REPO) conducted the Journal Research Article Writing Mentoring Workshop last August 11-12, 2020 at the Everlasting Hall, R&E Bldg. Lily Ann D. Lando served as the resource speaker. She discussed tips on writing research articles for a scientific journal.



The ISRD conducted a webinar on 'Indigenous Knowledge and Practices in the Cordilleras' held on August 27, 2020. This is part of the International Day of the Indigenous Peoples celebration.

A detailed report of the Research and Extension Sector 2020 is accessible at <http://www.bsu.edu.ph/bsu-transparency-seal>

# ADMINISTRATION AND FINANCE



of the



**DATA PRIVACY  
POLICY**  
(DPA, CHAPTER V, DPA-IRR, RULES VI & VII)



  
**Benguet State University**  
La Trinidad, Benguet

Approved by  
the Board of Regents  
Under BOR Res. 1564, s. 2020

Document Code	QM-DPO-002
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Next Review	May 2021
Control No.	Website

and

## I. Human Resource Management and Development

The Compensation, Benefits and Other Obligations Office (CBOO) processed the disbursements for the Fiscal Year 2020 amounting to Php 589,221,944.51. The amount was spent on salaries and wages (56.91%), remittances (17.80%), benefits (12.36%), other compensations (9.74%), and other obligations (3.18%).

The CBOO continuously updates the CBOO Personnel Information System for the plantilla personnel. The system integrates other MS Access files of the office on pay slips generation, loan monitoring and the MS Excel of the index of payments of plantilla personnel and employee profile. Separate monitoring of the indices of personnel with different status like the casual, contract of service and job-order personnel are being maintained by the CBOO staff in-charge of preparing their respective salaries or wages.

The Human Resource Development Office (HRDO) has conducted nine (9) various activities under its Learning and Development Services (LeADS). Under the Continuing Professional Development (CoPE) Services, there are 19 active scholars or grantees. Out of these, 12 are on local scholarship while five (5) are sponsored by an outside agency or organization. The remaining two (2) employees are on sabbatical leave.

Under the *Galing, Gandang-Loob, Gawa, at Gawad* (4G), 144 employees were awarded under the PRAISE EVERLASTING Awards Program conducted during the celebration of the University Charter Anniversary and the University Foundation Anniversary. Psychological testing was also administered to 646 examinees.

The University was granted certification for meeting the Maturity Level 2 indicators for the HR Systems and HRMO Competencies in Rewards and Recognition. The Civil Service Commission (CSC) conferred the Certificate of Recognition on September 23, 2020 during the celebration of the University Foundation Anniversary.



*Director Cornelia S. Padinay and Rex A. Bate of the CSC-Benguet Field Office delivered the Certificate of Recognition of BSU for meeting the PRIME-HRM Maturity Level II Indicators on both systems and competencies for rewards and recognitions. The certificate was received by BSU officials led by OIC President, Director Danilo B. Bose.*

Table 8. LEADS activities facilitated

	TITLE	MALE	FEMALE	TOTAL	EVALUAT'N
1	Mandatory Drug Testing and Analysis for Employees at the LEADS Center on February 3-7, 2020	399	302	701	n/a
2	<i>Educating Teachers on Computer Applications using a Screen Reader as a Tool used by Students with Visual Impairment who Study and Learn in Inclusive Schools</i> at the ICT Function Hall on January-March 2020 (Open to employees, students, other agencies)			30	n/a
3	<i>COVID 19, Plan, Prepare, and Respond</i> at the Gladiola Center on March 20			70	n/a
4	<i>Revolutionizing the Traditional: BSU to Flexible Learning</i> at the CTE Function Hall (via Google Meet) on May-July 2020	141	73	214	4.49 (VS)
5	BSU Health Assessment and Regular Triage Service (HEARTS) at the SLS Gymnasium, Anthurium Hall, and Medical Clinic on May-October 2020	All employees (Casual, JOP/COS, and Plantilla) are required to go for Health Assessment and Regular Triage Services every 1st week of the month of May – December 2020.			n/a
6	<i>Aywan Kapanunutan: Pansigdan ti Ili</i> at the Leads Center on July – September 2020	4	38	42	4.9
	<i>Aywan Kapanunutan: Pansigdan ti Ili V 2.0</i> at the University Gymnasium on October 26-30, 2020	77	102	179	4.72
	<i>Aywan Kapanunutan: Pansigdan ti Ili V 3.0</i> at BSU Bokod on November 26-27, 2020	16	22	38	4.63
	<i>Aywan Kapanunutan: Pansigdan ti Ili V 3.0</i> at BSU Buguias on December 3-4, 2020	29	32	61	4.76
7	Short Session Training and Review for Teachers (START) Using Google Classroom at the ICT Hall and ULIS Virtual Library on August – September 2020	15	41	56	3.76
8	Career Ladder Jumpstart Orientation (CALAJO) VI at the University Gymnasium on November 16, 20, 2020	55	95	150	4.63
		PEOPLE REACH	ENGAGEMENT	REACTIONS	
9	Alwad Ken Aywan: BSU Video Presser The Video Presser project included five (5) activities. The videos were uploaded on the University and HRDO Facebook pages	46356	2160	799	
	Virtual Flag Ceremony	29315	5640	600	
	104 <sup>th</sup> University Foundation Anniversary Celebration and PRAISE EVERLASTING Awards	8317	1334	259	
	Multi-Disciplinary Discourse (Sessions 1 and 2)	9823	1444	133	
	HEAL Documentary Iskwela ya Poldiya (Trailer)	42207	8470	1100	
	HEAL Documentary Iskwela ya Poldiya: Studying and Living Through a Pandemic	47207	8454	1100	

The Human Resource Management Office (HRMO) is the implementer of personnel actions, policies and procedures. It is the center for the management of human resource information and data. It provides prompt facilitative support services to the academic affairs, research and extension, production and the general administration of the University.

For 2020, a total of 104 positions were requested to be filled and 821 applications were received and assessed.

There were 423 appointments issued for plantilla, casual, contractual and substitute personnel and 325 issued for Job Order and COS personnel. The registration of newly hired employees to the biometrics, BIR, Pag-IBIG, PhilHealth and GSIS as well as the issuance of their identification cards were processed.

There were 35 teaching and 18 non-teaching employees awarded as Loyalty Awardees. A total of 94 attendance and punctuality reports were generated while leaves of 2,644 and monetization of 193 employees were processed.

There were 29 separation from service of employees facilitated and 2,986 HR documents were generated.

The HRMO also provided orientation on Leave Benefits, Government Work Hours, Social Benefits, and Job Order Requirement Processes.

During the Enhanced Community Quarantine (ECQ), the office prepared and issued pass slips to 803 employees; issued 34 skeletal workforce ID to office heads and frontline service providers; issued 41 certificates of employment for travel pass purposes; and prepared and issued 31 car passes for BSU employees.

Meanwhile, the Records and Archives Office (ROA) disseminated important University issuances (administrative issuances, notices, advisories, and other relevant concerns) via social media when the ECQ, GCQ and Modified General Community Quarantine (MGCQ) were implemented.

Table 9. Employee profile as of December 31, 2020

	NUMBER OF EMPLOYEES		
	MALE	FEMALE	TOTAL
<b>BSU La Trinidad</b>			
<i>Permanent</i>			
1. Teaching	117	175	292
2. Non-teaching	145	143	288
<i>Casual</i>			
1. Teaching	11	21	32
2. Non-teaching	36	69	105
<i>Contractual</i>			
	0	1	1
<i>JO/COS (Non-Teaching)</i>			
1. STF	58	50	108
2. STF – Fiduciary	9	14	23
3. IGP	15	22	37
4. GAA Fund	4	10	14
5. Outside BSU Funded Projects	24	23	47
<i>JO/COS (Teaching)</i>			
1. COS Instructor	29	39	68
2. Adjunct Faculty	9	16	25
Total	457	583	1040
<b>BSU Bokod</b>			
<i>Permanent</i>			
1. Teaching	3	12	15
2. Non-teaching	7	6	13
<i>Casual</i>			
1. Non-teaching	4	3	7
<i>Contractual</i>			
	1	0	1
<i>JO/COS (Teaching)</i>			
	1	1	2
Total	16	22	38
<b>BSU Buguias</b>			
<i>Permanent</i>			
1. Teaching	12	19	31
2. Non-teaching	15	7	22
<i>Casual</i>			
1. Teaching	0	1	1
2. Non-teaching	5	4	9
<i>JO/COS (Teaching)</i>			
	0	1	1
Total	32	32	64
GRAND TOTAL	505	637	1142

## II. Procurement, Supplies and Maintenance

The Procurement Management Office (PMO) has facilitated the procurement of infrastructure projects, goods, services and consultancy amounting to PhP192,222,514.56.

Table 10. Purchases per Fund Cluster

ITEM	FUND CLUSTER				TOTAL	Percentage of Categories
	General Appropriations Act (GAA)	Internally Generated Income (IGI)	Business Type Income (BTI)	Special Project (SP)		
Various Supplies and Materials	31,480,152.89	16,884,395.91	26,320,946.77	20,811,807.11	95,497,302.68	50%
Equipment	13,312,451.00	15,676,120.57	175,340.10	11,015,900.20	40,179,811.87	21%
Motor Vehicle	-	11,478,900.00	-	-	11,478,900.00	6%
Repair and Maintenance (Facility and Equipment)	14,551,698.58	3,678,028.90	5,800.00	1,726,217.22	19,961,744.70	10%
Services	3,045,004.77	1,450,000.00	-	611,037.54	5,106,042.31	3%
Infrastructure	14,989,861.16	2,634,484.91	-	2,374,366.93	19,998,713.00	10%
<b>TOTAL</b>	<b>77,379,168.40</b>	<b>51,801,930.29</b>	<b>26,502,086.87</b>	<b>36,539,329.00</b>	<b>192,222,514.56</b>	

Table 11. Update on Infrastructure Projects (Competitive Bidding)

Name of Project	Source of Fund	Name of Contractor	Contract/Project Cost
<b>Awarded Projects</b>			
Repair of the College of Veterinary Medicine (CVM) Building-Backstage of Anatomy	MOOE-GAA	Zenithal-JNA Construction and Supply	901,519.66
Development of Multi-Function Office and Laboratory Room	DOST-TAPI	Benguet Builders	598,530.24
Repair of CEAT Audio Visual Room	MOOE-GAA	Zenithal-JNA Construction and supply	849,336.63
Repair of CF-Building-Rooftop	MOOE-GAA	Benguet Builders	1,298,658.24
Repair of the CN Building-Roof Deck/Canopy	MOOE-GAA	Zenithal-JNA Construction and supply	891,713.49
Repair of CHET Access Road	GAA-MOOE	E.T. Latawan Construction	699,422.31
Construction of Bokod Dormitory	GAA-CO	Random Builders	14,989,861.16
Construction of 2 units fix vent greenhouse with Aeroponics and Drip Irrigation System	DOST-PCAARRD	Netaphils, Inc.	2,374,366.93
Backfilling & Concreting including Repair of Drainage System at the Bakery and FPC Area	IGI-CO	Efler Construction and Entrerprise	984,893.25
Construction of the Agri-Processing Center	DA-BAR	R.S. Sepian Construction and Trucking	9,367,170.82
Renovation and Upgrading of University Canteen	IGI	Balbalin Engineering and Construction	1,424,136.66
Repair of 1-unit Greenhouse and Supply, Delivery and Installation of Aeroponics System	DOST-P-CAARRD	Balbalin Engineering and Construction	967,411.98

Name of Project	Source of Funds	ABC	Remarks
<b>Failed Bidding</b>			
Repair of Old Administration Building	GAA-MOOE	680,000.00	Failed bidding (posted 3 times)
<b>2021 Early procurement activities</b>			
Repair of Drainage System for the Gymnasium and Athletic Oval	GAA-MOOE	3,900,000.00	On-going post qualification
Repair of the BSU La Trinidad Campus Road Network (BSU Museum to BSU Last Gate)	GAA-MOOE	6,000,000.00	On-going post qualification
Total		9,900,000.00	

Table 12. Annual Procurement Plan (APP Implementation Rate) as of Dec. 30, 2020

Projects	APP	Total Amount of Contracts Awarded	Percentage
Goods	84,052,015.89	62,646,826.34	74.53%
Services	6,449,172.76	3,069,220.00	47.59%
Consultancy	750,000.00	-	0
Infrastructure	15,000,000.00	15,000,000.00	100%
<b>TOTAL</b>			<b>75.97%</b>

A total of 14 projects worth PhP 25,269,978.56 that were not procured or partially implemented negatively contributed to the APP implementation rate. Most of the projects have been limited and hampered by the conditions brought about by the COVID-19 Pandemic.

The Supply and Property Management Office (SPMO) has received, inspected and accepted delivered Property, Plant and Equipment (PPE), semi-expendable items, office, and other supplies and materials amounting to PhP 16,534,321.66. The SPMO issued supplies and materials amounting to PhP 13,964,187.74 and PPE amounting to PhP 30,298,664.39. The office has also facilitated the insurance and registration of 83 vehicles, buildings and structure of the University.

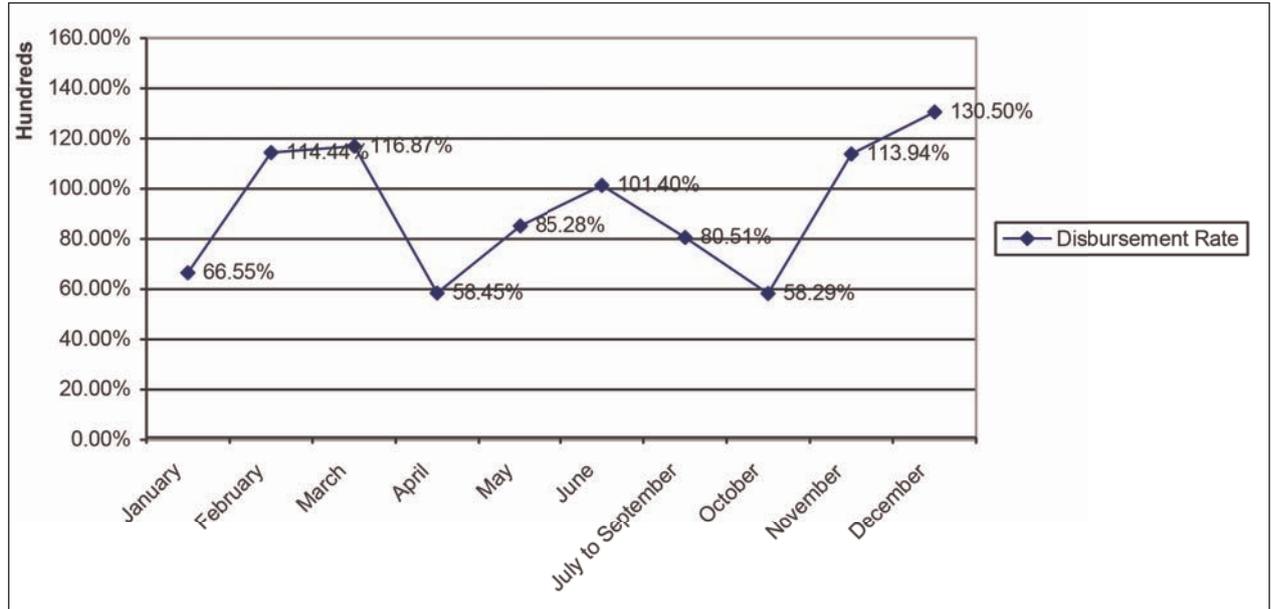
## Finance Services Division

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

Table 13. Document Processing and Issuance

DOCUMENTS/FORMS	NUMBER	DOCUMENTS/FORMS	NUMBER
Checks	3,088	DISBURSEMENT VOUCHER/ PURCHASE ORDERS	8,875
General Fund	212	General Fund	2,243
Special Trust Fund	979	Special Trust Fund	1,432
Revolving Fund 161 and 163	723	Revolving Fund 161 and 163	1,060
Trust Fund 911	893	Trust Fund 911	1,171
Special Projects	210	Trust Fund (Special Projects)	261
BAPTC	1	Purchase Orders	1,361
BAPTC INCOME	70	Purchase Requests	1,347





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Majority of the IGPs went back to normal operations in the last quarter of 2020. A performance review of the different IGPs and IGLs was conducted last October 1, 13 and November 19, 2020 in preparation for the 2021 IOB.



Donly Vonn F. Capuyan and Sunny Quintos of BSU ceremonially received the new Mitsubishi FB vehicle on September 11, 2020 for the University Business Affairs Sector.

# BUSINESS AFFAIRS

The Office of the VP for Business Affairs (OVPBA) is the steward of partnerships, Income Generating Projects (IGPs), and leasable properties under the production function of the University.

The University Business Affairs (UBA) office operated and managed the Income Generating Projects (IGPs) and the leasable properties of the University.

For the year in review, the COVID-19 pandemic greatly affected the management and operations of the UBA. Despite the set-backs by this phenomenon, the IGPs still managed to reach some of their targets. Some projects gained, while some incurred net loss.

The OVPBA continued to monitor the operations of the different IGPs despite the COVID-19 Pandemic. Some staff were recommended for work-from-home arrangement while the rest reported. Basic operations of the Business Affairs were still in place like the remittance of daily income, procurement of office supplies, maintenance of cleanliness, peace and order in leasable properties, and monitoring of parking areas.

Majority of the IGPs were back to normal operations in the last quarter of 2020. A performance review of the different IGPs was conducted on October 1, 13 and November 19, 2020 in preparation for the 2021 Internal Operating Budget (IOB).

OVPBA staff also volunteered to harvest and distribute vegetables as part of relief operations for students and employees conducted within the University and the community.

# Income Generating Projects

## I. Food Processing Center



## II. Poultry



## IV. Guestels

## III. Bakery

## V. Garments

The Garments Project continued to accept sewing projects. Some staffs worked from home to complete sewing orders like uniforms and face masks. Bulk orders for washable face masks came from the Environment Management Bureau-CAR with 3,100 pcs masks and BSU Administration with 4,500 pcs BSU masks for employees. The Garments Project continued to accept sewing projects. Some staffs worked from home to complete sewing orders like uniforms and face masks. Bulk orders for washable face masks came from the Environment Management Bureau-CAR with 3,100 pcs masks and BSU Administration with 4,500 pcs BSU masks for employees. The project also sewed the Academic Gowns of officials and guests for the investiture used last January 11, 2021 The project was able to have a gross income of PhP 839,766.00 with -21% ROI. The deficit is due to the pandemic, where there was less customers who availed of the services of the Garments Project.

## VI. Marketing Center

The Marketing Center (MC) operating inside the La Trinidad Campus continued to operate, while the MC km5 and the MC Strawberry Farm branches closed during the community quarantine lock down. The MC continued to offer BSU and local products to its clients during the community quarantine. Ms. Carolyn C. Biteng, Project Manager, attended the Market Matching Activity of the DTI-CAR last October 16-17, 2020, which was attended by BAGUIO DTI OTOP for MSMEs at the Kapiterya by the BCAA, Baguio City.



## VII. Canteen 1 (RSDC)

The Canteen 1 continued to operate despite the restrictions brought about by the pandemic. There was not face-to-face learning for students and the University adhered to the recommendations of the AITF for the skeletal workforce, which lessened the customers of the canteen. Despite the challenges of little or no clients, the canteen was able to have an income of PhP 5,467,538.97 with -14% ROI. The limited operations lessened the loss of the canteen as compared to zero operations that would have incurred more loss.

## VIII. Leasable Properties and Parking Areas

Majority of the leasable areas at the Strawberry Farm stopped operations during the community quarantine and while tourism was restricted due to the pandemic. The parking areas continued to cater to the parking needs of partners and clients. It was able to contribute a gross income of PhP 1,931,680.00

*A detailed report of the Business Affairs Sector 2020 is accessible at*  
<http://www.bsu.edu.ph/bsu-transparency-seal>



*Felipe Salaing Comila became the 7<sup>th</sup> BSU President*



*Danilo B. Bose became the OIC of BSU following Domingo from June 26 to November 26, 2020*



*Marco Cicero F. Domingo became the OIC of BSU from June 6 until June 26, 2020*



*The term of President Feliciano G. Calora Jr. ended on June 6, 2020*

# OFFICE OF THE UNIVERSITY PRESIDENT

With the end of the term of President Feliciano G. Calora Jr. on the first quarter of 2020, two (2) Officers-in-Charge (OIC) have been appointed to the Office of the University President by the BSU Board of Regents (BOR).

Marco Cicero F. Domingo was designated as the OIC on June 6, 2020, at that time, he was the Regional Director of the CHED-CAR.

Danilo B. Bose assumed as the OIC of BSU on June 26, 2020. He replaced Marco Cicero F. Domingo who was reassigned to the CHED Central Office. Bose also replaced Domingo as the OIC of the CHED-CAR.

Bose took the reins of the University at the height of the ECQ and the GCQ. He continued on to lead the University in making adjustments in its operations in adherence to government issued guidelines caused by the COVID-19 Pandemic.

On November 26, 2020, Felipe Salaing Comila was appointed as the 7<sup>th</sup> BSU president in a special meeting of the BSU-BOR through BOR Res. No. 165 s. 2020. He took his oath of office right after the special meeting officiated by CHED Commissioner Lilian A. De Las Llagas.

A thanksgiving and turn-over ceremony was then held on December 9, 2020. Danilo B. Bose who served as OIC president from June to November 2020, passed the symbols of authority to Comila. Benguet Representative Eric Go Yap (through Charen Tacio); Benguet Governor Melchor D. Diclas; La Trinidad Mayor Romeo K. Salda; and Barangay Balili Punong Barangay Billy K. Bilango also gave their messages. The thanksgiving program was highlighted by the messages of the LGU leaders, Pastor Greg Rimando of the Praise Evangelical Christian Ministry, and the *Now and Beyond Message* of Comila. The messages expressed Comila's and the LGU leaders' willingness to work together for the good of BSU and the community.

## I. Internal Audit Services (IAS)

The results of internal audit undertaken by the Internal Audit Service (IAS) are provided to the University President to assist him in achieving organizational objectives in an effective, efficient, economical and ethical manner (Revised PGIAM 2020). The following summarizes the internal audit work of the IAS for the year:

A. Conducted internal audits to various sectors, divisions, colleges, departments, units, and offices of the University:

1. IAR Nos. 2020-01 to 04 on the Management and Compliance Audit of Human Resource Management Office (HRMO) Processes which includes: (1) Recruitment, Selection and Placement dated June 5, 2020; (2) Leave Management and Administration dated June 5, 2020; (3) Request for Issuance of HR Related Documents; Daily Time Record (DTR) Management; and Separation from Service: Retirement, Resignation, Transfer, Optional Retirement, Death dated June 5, 2020; and (4) Result of Internal Control Questionnaire dated June 5, 2020.

2. IAR No. 2020-05 on the Management and Compliance Audit on the University Management of the Biological Assets at the Department of Animal Science, College of Agriculture dated August 26, 2020.

3. IAR No. 2020-06 on the Management and Compliance Audit on Government Rules and Regulations Regarding Collections and Deposits of Cash Receipts and Reporting Requirements of Benguet Agri-Pinoy Trading Center (BAPTC) dated October 26, 2020.

4. IAR No. 2020-08 on the Evaluation of the existing internal controls on the harvest and disposal of goods adopted at the Poultry Project dated December 18, 2020.

B. Monitored the implementation of Internal Audit prior years' recommendations as of December 2020;

C. Monitored and prepared the Internal Audit Report on the implementation of the prior years' COA recommendations as of December 2020; and

D. Prepared the IAR No. 2020-07 dated November 19, 2020 on the Agency Action Plan and Status of the implementation of prior years' COA recommendations.

## II. Office of Quality Assurance and Accreditation (OQAA)

A. For AACCCUP Accreditation, the OQAA has:

1. coordinated and facilitated the Online Accreditation visits scheduled on November 23-27, 2020 for all the different programs that undergone accreditation for FY 2020;

2. reviewed and updated 100% of AACCCUP *benchmark statements* (common documents for all colleges and academic institutes);

3. attended and participated in the AACCCUP's Webinar on Online Accreditation System on July 29-31, 2020; and

4. attended and participated in the AACCCUP's Webinar on Online Institutional Accreditation System on September 23-25, 2020.

B. For BSU's Quality Management System (QMS), the office has:

1. coordinated and facilitated the conduct of ISO 9001:2015 2nd Surveillance Audit through online platform last October 23, 2020;

2. provided guidance to UBA in trainings and preparation for certification related to ISO 55001:2014 during the first quarter;

3. coordinated the conduct of Internal audit, corrective actions for non-conformities, control of documented information and sectoral management reviews;

4. coordinated and facilitated Executive management review;

5. monitored, collected, measured and evaluated customer feedback and client satisfaction of ISO processes of different offices in the QMS; and

6. conducted meeting with the BSU-QMS team.

C. OQAA had also coordinated the conduct of ISO 55001:2014 Asset Management System Training Workshops during the first quarter. In addition, the office had:

- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1. 100% conducted office meetings;</li> <li>2. prepared supporting documents and DV for the payment of meals and snacks served during various meetings, AACUP dues and other payables;</li> <li>3. entertained faculty and staff from other colleges regarding accreditation concern;</li> </ol> | <ol style="list-style-type: none"> <li>4. released available accreditation documents (hard and soft copies) to concerned faculty and staff;</li> <li>5. 100% facilitated requests for documents and other concerns for OQAA clients; and</li> <li>6. 100% continued filing of AACUP, ISO, ISA and other accreditation and certification related documents.</li> </ol> |
|---|---|

D. Support to University Activities

1. Attended the regular Administrative Council Meetings and other University meetings and activities (e.g. University Academic Council meeting.)

### III. Planning and Development Office

- A. Completed infrastructure designs and estimates of 16 projects
- B. Currently preparing and revising plans of three projects
- C. Preparing documents for the acquisition of seven building permits
- D. Packaged 2020 BSU Operational Plan
- E. Consolidated DPCRs for January to June and July to December Rated and Targets
- F. Approved Protocol for Physical Plant and Landholdings (Admin Council)
- G. Monitored and evaluated the implementation of five infrastructure projects
- H. Requests reviewed and forwarded to Land Use Committee
- I. Updated the PDO Database with the following highlights of the update:
  1. Building Profile-176 building (as of December 2020); La Trinidad Campus- 127 buildings Buguias Campus- 22 buildings Bokod Campus- 27 buildings
  2. Lot Profile-30 lots of constructions/ developments) included
- J. Processed and transmitted requirements need d by oversight agencies
- K. Provided available documents to support accreditation of academic programs

### V. Gender and Development

The GAD Plan and Budget in view of the COVID-19 Pandemic were realigned as shown in Table 16.

Table 16. Attribution of five (5) projects using Harmonized Gender and Development Guidelines

PARTICULARS	AMOUNT PAID	ATTRIBUTION (HGDG)	AMOUNT ATTRIBUTED
1. Construction of the BSU Bokod dormitory	4,082,622.17	75%	3,061,966.63
2. Repair of Buildings	4,640,650.33	75%	3,480,487.75
a. College of Engineering and Applied Technology Building, Audio-Visual Room			
b. College of Forestry Building Rooftop 3 <sup>rd</sup> Floor			
c. College of Veterinary Medicine Building-Backstage of Anatomy			
d. CHET Access Road			
e. College of Nursing Building Canopy			
3. BSU Security Services for Land Reservation Areas	2,487,504.77	75%	1,865,628.58
4. Insurance of BSU Buildings	5,758,239.56	75%	4,318,679.67
5. BSU COVID-19 Response Activities and Initiatives 2020	5,758,239.56	75%	5,013,621.45
<b>TOTAL AMOUNT ATTRIBUTED:</b>			<b>17,740,384.07</b>

A. COVID-19 PANDEMIC RESPONSE. For the year 2020 the BSU GAD Office COVID-19 responded to the COVID-19 Pandemic by posting of COVID-19 related memos, posters and announcement and through the procurement and distribution of COVID-19 materials and supplies for University as shown in Table 17.

*Table 17. Procurement and distribution of COVID-19 materials and supplies for University use*

COVID-19 MATERIALS AND SUPPLIES	QUANTITY
Disinfectant	400 gallons
Disinfectant Spray	48 pcs
Foot rugs	200 pcs
Anti-bacterial soap bar	350 pcs
Hands-free Noncontact Forehead Body	20 units
Thermometer with Stand	200 bottle
Alcohol- ethyl, 70% solution	100 gallons
Alcohol- ethyl, 70% solution	5 sets
Rechargeable Battery Charger	43 bottles
Antibacterial hand sanitizer	50 box
Surgical Mask	50 box
Disposable gloves	15 units
Thermal gun	30 pcs
Liquid Hand soap dispenser	

B. CLIENT-FOCUSED ACTIVITIES. Three (3) GAD-Responsive Capability Building activities for students of the three campuses and 25 extension activities were conducted.

C. ORGANIZATION-FOCUSED ACTIVITIES. A total of 30 Gender Mainstreaming, capability building training/ workshop/seminars were conducted appropriate for each sector to enhance professional/occupational skills in integrating GAD in their field of specialization including National Women’s Month Celebration Activities spearheaded and in coordination with other offices. Three (3) GAD related researches were implemented.

The office also supported the:

- procurement of 182 knowledge products and five (5) academic subscriptions
- the conduct of one (1) Gender Sensitivity Training for 43 newly hired personnel (continuing activity)
- two (2) capability building/ training/ seminars/ workshop attendance for GFPS-members on GAD related updates and mandates; production of Information Education Campaign Materials; display of the official tarpaulin bearing 18- Day End-VAW Campaign Theme

- distribution of IEC materials to raise awareness on VAW and other related laws during Flag Raising Ceremony (RA 7877, Anti-Sexual Harassment Act of 1995, RA 8353: The Anti- Rape Law of 1997, RA 9208: The Anti-Trafficking in Persons Act of 2003 as amended by the Expanded in Persons Act of 2012, RA 9262: Anti-Violence Against Women and their Children (VAWC) Act of 2004, and RA 9710: Magna Carta of Women)

- procurement of GAD Informational Notebook
- procurement of Courtesy Seat Signage for Differently-abled (PWDs) Elderly and Pregnant for the whole University

- initial output on BSU Manual on Gender Fair Language

- environmental Care/Forest Protection Activity (Bushing and Cleaning activity participated by BSU Employees in coordination with the GAD Office, Security Services Office, LRO, Legal Office, PDO, Motorpool Office, RSDC Canteen staff and in coordination with the La Trinidad Philippine National Police and the La Trinidad Fire Station, Updating of GAD Webpage and Sex Disaggregated Data Reports on BSU Employees (La Trinidad, Bokod and Buguias Campus)

- GFPS meetings, GAD-TWG meetings, RGADC meeting and GAD staff meetings

- supplies and materials and maintenance of Lactation Station facility

- maintenance of Child-minding Center

- technical assistance given to other SUC’s, LGU’s and NGA’s (DEP-ED Benguet Division, Technical assistance to BSU Students for Thesis of Ms. Levenie Numbalgam, BSDC student)

- technical assistance: assisted Chemistry Department representative on how to integrate GAD perspective in their proposed activity: Integration of GAD in the Chemistry Week

- Technical assistance to Mountain Province State Polytechnic College on GFPS creation, functions and other GAD concerns

- GAD Plan and Budget Forum for CARASUCs GAD Focal Point System- Technical Working Group Members

## VI. University Public Affairs

For the year 2020, UPAO was able to accomplish 89.82% of its targets, higher than its tolerable limit of 85% in its ISO processes which includes the following:

1. Provision of Events documentation and information dissemination
2. Provision of UPAO Records
3. Layout/Video Editing of Information Materials
4. Printing facilitation of Information Materials
5. Facilitation of visit: Scheduled and Walk-in Visitors
6. Approval of Information Material Posting
7. Management of Alumni Database and Alumni affairs with the BSU Alumni Association Inc.

Due to the Pandemic caused by COVID-19, UPAO was not able to accommodate visitors for the whole year. Aside from the ISO processes, the UPAO has also: served as a member of the University COVID-19 response team and contributed to the organization of donation drives and production and dissemination of COVID-19 IEC materials and important announcements; and facilitated

advertisement solicitations from various community newspapers such as Herald Express, Northern Philippine Times, Baguio Chronicle and Sunstar Baguio.

UPAO staff are also staple members of working committees in various University events. For this year, the events in which UPAO staff were members includes: 104th Foundation Anniversary and 120th Philippine Civil Service Anniversary activities; Public Presentation of BSU President Candidates; OSSapang Labor Education (Series of Orientation Videos); CAS Webinar in partnership with Taiwan University; BSU Alumni Association homecoming and Search for Outstanding Alumni; 95th Commencement Exercises Virtual Graduation; and Felipe Salaing Comila Thanksgiving and Turn-over Ceremony.

## VII. Office of the Board Secretary

### A. ADMINISTRATIVE COUNCIL MEETINGS

A total of seven (7) Administrative Council Meetings were conducted resulting to 90 actions. There were three (3) Administrative Council Referenda were passed within the period of January to December 2020, these includes the ADCO Referendum No. 01-2020: Request Approval on the proposed Site Development Plan of BSU Bokod Campus and the proposed Partnership Agreement for the ERASMUS + Curriculum Development in Agroforestry (CDAE).

### B. UNIVERSITY ACADEMIC COUNCIL MEETINGS.

There was one (1) Academic Council Meeting held resulting to 14 actions. There were three Academic Council Council Referenda passed as follows:

1. ACAD Referendum No. 01-2020: Requesting the members of the University Academic Council to approve the candidates for Graduation for the Second Semester, 2019-2020.
2. ACAD Referendum No. 02-2020: Requesting the members of the University Academic Council to approve the candidates for Graduation for the Mid-Year Term SY 2019-2020
3. ACAD Referendum No. 03-2020: Requesting the members of the University Academic Council to approve the proposed new programs under the College of Arts and Sciences (CAS) namely: Bachelor of Arts in Psychology and Bachelor of Arts in History

### C. BOARD OF REGENTS MEETING

There were two (2) Hybrid Online Board of Regents Meetings held resulting to 25 actions. There were nine BOR referenda passed which are as follows:

1. Referendum Sec. No. 01-2020: Approval of the Members of the Evaluation Committee for the second term of President Feliciano G. Calora Jr.
2. Referendum Sec. No. 02-2020: Approval of Travel of Ms. Rodeliza A. Flores to Bali Indonesia
3. Referendum Sec. No. 03-2020: Designation of Dr. Feliciano G. Calora Jr. as Hold-over Capacity President
4. Referendum Sec. No. 04-2020: Extension of the Hold-over Capacity of Dr. Feliciano G. Calora as President
5. Referendum Sec. No. 05-2020: Requesting the Honorable Members of the Board of Regents for the Approval of the Composition of the Search Committee for Presidency (SCP) and a budget of Php 310,000 for the Search Process

6. Referendum Sec. No. 06-2020: Requesting the Honorable Members of the Board of Regents for the confirmation of the designation of Marco Cicero F. Domingo as Officer-In-Charge, Office of the President, Benguet State University

7. Referendum Sec. No. 07-2020: Requesting the Honorable Members of the Board of Regents to confirm the designation of Danilo B. Bose as Officer-In-Charge, Office of the President, Benguet State University. Requesting the Honorable Members of the Board of Regents for the Confirmation of the designation of Atty. Marco Cicero F. Domingo as Officer-In-Charge, Office of the President, Benguet State University

8. Referendum Sec. No. 08-2020: Requesting the Honorable Members of the Board of Regents to confirm the list of candidates for graduation SY 2019-2020.

9. Referendum Sec. No. 09-2020: Requesting the Honorable Members of the Board of Regents to approve the items on the Search for Presidency: Minimum Qualifications, Rating Sheet, Guidelines in the Conduct of Public Forum and Interview.

### C. COMMITTEES SERVED

1. Secretariat to the Evaluation Committee for the Second Term of Feliciano G. Calora, Jr.

-Organized Public Presentation and Forum of Accomplishments of Feliciano G. Calora, Jr.

- Organized Focused Group Discussion (FGDs) to facilitate Evaluation, based templates

- Prepared Committee Report (Word and Power Point templates)

2. Served as Secretariat to the Search Committee for Presidency (SCP) 2020 (Photo No. 02)

-organized online Committee meetings

- Prepared minutes of each

- Organized the Public Presentation (Hybrid Online)

- Organized Panel Interview (Hybrid Online)

- Prepared Committee Report (Word and Power Point templates)

3. University Human Resource Development Committee (UHRDC)

4. PRAISE Committee

5. ISO Management Committee/ Member

6. Assisted in Foundation Anniversary Day Celebration as Invitation Committee



*One of the Focus Group Discussions (FGD) organized by the OUBS for the Evaluation Committee of the Term of Dr. Feliciano G. Calora, Jr.*



*The Public Presentation of BSU President candidates held on October 22, 2020.*

# University COVID-19 initiatives



*Packing and distribution of food, hygiene and vegetable packs to stranded students*



*Personnel Decontamination Chamber, Vehicle Disinfection System, and Handwashing facility designed, fabricated and installed in coordination with the CEAT*

The declaration of an Enhanced Community Quarantine (ECQ) in the entire Luzon in adherence to President Rodrigo Duterte's Presidential Proclamation 922 to put the country in a State of Public Health Emergency has drastically affected the University especially its students. This crisis has evoked the commitment, resourcefulness and compassion from BSU constituents.

When the ECQ was declared in March 17, 2020, many students were not able to go back to their hometowns. Some students started informing their instructors and schoolmates that they were running out of supplies. To get hold of the situation, the Office of Student Services (OSS) and Supreme Student Government (SSG) launched the Sagip Kapatid survey on March 19, 2020 through Google Forms. The result of the survey along with the messages received by instructors revealed that there are around 200 BSU students who are stranded in La Trinidad.

BSU officials then had a meeting on March 23, 2020 to address the situation. Two ways to help stranded BSU students were opened. One was through the donation drive and the other way to help was through the Adopt-a-BSU Student scheme where volunteer foster guardians can make arrangements so that students will not have to go to the BSU Administration Building to get supplies to maintain social distancing.

Aside from being donors to the donation drive for students, BSU employees, students and partners also volunteered their services. For instance, the UHS staff volunteered as front liners at the Benguet AgriPinoy Trading Center. Employees at the Gladiola Center also continued to report as the center was opened to Benguet General Hospital health workers and LGU personnel who would want to take a rest after their work hours.

Likewise, a group from the University Business Affairs and Human Resource Management Office heeded the call for help from farmers in harvesting their crops to be donated. The group not only assisted in harvesting but also in distributing the vegetables to the municipality, the barangays, in the BJMP and in the checkpoints in Balili, of course in partnership with the La Trinidad LGU.

The BSU Non-Teaching Association also extended their assistance to JO's, COS and other employees in need. The following pages show more details of the BSU COVID-19 response and initiatives.

## INSTRUCTION

### INITIATIVES FOR STUDENTS AND FACULTY AND STAFF

#### **Monitoring of students and identification of stranded students**

Students' conditions and whereabouts were monitored during the ECQ period. This was done through an online survey by the OSS. After a list of stranded students were populated, the University coordinated with various LGUs by sending the list of stranded students for possible repatriation. The LGUs responded by sending schedules for the students' transport. The University provided an assembly and departure area for the students who will travel to their hometowns.

TOTAL NUMBER OF ACTUAL RECIPIENTS SERVED (BENEFICIARIES): 874 students responded to the survey, 435 stranded students were identified based on survey, list submitted by colleges/institutes, students who availed of assistance

SOURCE OF FUND: BSU

#### **Enhancement of protocols and operations of the Graduate School and Open University**

The following enhancements were made in the protocols and operations of GS and OU:

1. Online Thesis/Dissertation Oral Defense
  2. Online Enrollment for Open University Students
  3. Online Exams and Defenses Protocols and Forms – Streamlined
  4. Set-up of online stations in the Graduate School and Open University
  5. Online Classes using Various Online Platforms
  6. Skeletal Force to man the GS/OU to Receive and Release Thesis Drafts
  7. Continual Checking of Theses/Dissertations at homes and residences of staff
  8. Online/SMS messaging with Graduate/ Open University Students and Faculty
  9. E-copy of Instructional Materials such as course manuals at the Open University
  10. E-copy of Forms and Brochures such as Application Forms, Students Handbook, Faculty Handbook, Thesis Writing Guide, Frequently Asked Questions (FAQs), Manual of Operations
- BENEFICIARIES: Graduate School and Open University Students and Faculty members

LOCATION OF RECIPIENTS: Regions CAR, I, II, III, IV-A, IV-B, XI, VIII, Overseas- Japan, Middle East, USA, South East Asia

SOURCE OF FUND: University, Open University

#### **University relief and assistance for stranded students**

Three (3) waves of food, hygiene, and vegetable packs, or cash assistance were dispersed

TOTAL NUMBER OF ACTUAL RECIPIENTS SERVED (BENEFICIARIES): 153 students (first wave recipients of packs); 143 students (2<sup>nd</sup> wave recipients of cash); 99 students (2<sup>nd</sup> wave recipients of packs); 206 students (3<sup>rd</sup> wave recipients of cash)

LOCATION OF RECIPIENTS: La Trinidad and Baguio City

SOURCE OF FUND: Donations from private companies/organizations/citizens, faculty, staff, alumni, and students BUDGET ALLOCATION (PHP) 327,200.00

#### **Adopt-a-Student Program**

Students were either invited to stay at the sponsor's house or given cash or goods allowance enough to sustain their needs

TOTAL NUMBER OF ACTUAL RECIPIENTS SERVED (BENEFICIARIES): 92 students

LOCATION OF RECIPIENTS: La Trinidad and Baguio City

SOURCE OF FUND: Private citizens, faculty, staff and alumni

BUDGET ALLOCATION: PHP 167,000.00

<p><b>COLLEGE-BASED RELIEF OPERATIONS</b></p> <p><b>CA Relief Operations</b>  Cash donated was used to buy goods to supplement the donated goods. These were delivered to students who lives a distance away from the University, to students who were not able to acquire pass slips, and to students who were afraid to go out. There were 125 relief packs distributed.  LOCATION OF RECIPIENTS: La Trinidad and Baguio City  SOURCE OF FUND: Private citizens, faculty, staff and alumni  BUDGET ALLOCATION: PHP 33,700.00</p>
<p><b>CAS Relief Operations</b>  CAS distributed 40 relief packs, 4 (four) received cash assistance or load assistance,  LOCATION OF RECIPIENTS: La Trinidad and Baguio City  SOURCE OF FUND: Donation form CAS Faculty Members</p>
<p><b>CF Relief Operations</b>  CF distributed cash assistance to 11 students  LOCATION OF RECIPIENTS: La Trinidad  SOURCE OF FUND: Donations from CF Faculty and Center for Geoinformatics Staff</p>
<p><b>CHET Relief Operations</b>  CHET provided gasoline and food assistance, two (2) sacks of carrots, five (5) boxes multivitamins, and food supplies to stranded students, BSU personnel, frontliners, and four (4) returning OJT students  LOCATION OF RECIPIENTS: Kibungan, Benguet, BSU, Executive Guest House  SOURCE OF FUND: JG Nitron, Natubleng, Buguias Farmers, HEDCOR</p>
<p><b>IHK Relief Operations</b>  IHK distributed seven (7) grocery packs and cash allowance to students located in La Trinidad: Puguis, Pico, Balili and Betag; and in Baguio City at Pinget.</p>
<p><b>INITIATIVES FOR THE COMMUNITY</b></p>
<p><b>Triaging</b>  The medical personnel of the UHS were requested by the La Trinidad LGU to conduct triaging at the Benguet Agri-Pinoy Trading Center (BAPTC) for farmers, traders, and drivers.</p>
<p><b>Turnover of Disinfectants for frontline service providers</b>  The CAS-Chemistry Department produced one (1) carbouy of spent ethanol from Research Plant Extraction as disinfectants to walls, floors or sinks and 12.5 liters of scented 70% ethanol as hand sanitizers. These were given to BSU frontline service providers.</p>
<p><b>Nursing Service Volunteer (COVID- 19 Triage Nurse)</b>  A Faculty Member of the CN volunteered as a COVID-19 Triage Nurse at the Benguet General Hospital.</p>
<p><b>Provision of accommodation to frontliners of Benguet General Hospital</b>  A total of 21 rooms at the BSU Gladiola Center were opened to BGH medical staff or frontliners.</p>
<p><b>Provision of accommodation to PNP frontliners</b>  Three (3) rooms at the Men’s Dormitory were opened to PNP personnel.</p>
<p><b>Distribution of PPEs</b>  One (1) piece PPE Microfiber, 50 pieces face shields, 1,090 face masks, 15 aprons, and 75 masks were distributed to frontliners located at Baguio City, Kibungan, Bakun, La Trinidad and Mountain Province. These were donated by JG Nitron, Vice Governor Johnny D. Waguig, CatDaves Tailoring, Melody Lising and Eduardo Naoe</p>
<p><b>Cash Donation for Frontliners</b>  The Cordillera Nurses’ Brigade for COVID-19 located in Baguio City and La Trinidad received a cash donation by Imelda G. Parcasio</p>

<p><b>Provision of venue for the repacking of relief goods for La Trinidad residents</b> The University opened the its Covered Court as a repacking area of relief goods for La Trinidad residents.</p>
<p><b>Provision of venue for the Rolling Market/Store (Tionsan La Trinidad) organized by the Municipality of Bokod</b> The University provided crowd control and disinfection services prior and after the activity. Accommodation for the employees of Tionsan Supermarket-La Trinidad was also provided. Around 500 residents and store owners of Bokod benefited from the rolling store. This was funded by the Bokod LGU.</p>
<p style="text-align: center;"><b>RESEARCH AND EXTENSION INITIATIVES FOR THE COMMUNITY</b></p>
<p><b>Distribution of Vegetable packs</b> Vegetable relief packs were distributed to 400 recipients in Itogon, La Trinidad, and Bokod, Benguet. This was funded by DOST-PCAARRD and BSU-ATBI.</p>
<p><b>Distribution of Assorted Vegetables</b> Assorted vegetables (800 kilos) were distributed to 15 individuals, one (1) NGO, and two (2) GOs in Baguio City and La Trinidad, Benguet by the BSU-OES.</p>
<p><b>Distribution of Planting Materials</b> A total of 1,000 planting materials from BSU-OES were distributed to 30 individuals, and one (1) baranggay in Baguio City and La Trinidad, Benguet.</p>
<p><b>IEC Materials</b> IEC materials (200 pcs) were turned over to the agricultural services unit of the Baguio City Veterinary Office-Agricultural Services Unit.</p>
<p><b>BSU SAFE Assisted Farmers Distribution of Vegetables</b> Assorted vegetables (500 kilos) were handed to the LGU Tublay for distribution to various places. This was funded by the DOST-PCAARRD SAFE Project.</p>
<p style="text-align: center;"><b>ADMINISTRATION AND FINANCE INITIATIVES FOR EMPLOYEES</b></p>
<p><b>Identification of personnel and issuance of IDs/Pass Slips to employees who would compose the University Skeleton Force</b></p>
<p><b>Design, Construction, and Installation of a Personnel Decontamination Chamber at the Administration Building (in cooperation with the CEAT)</b></p>
<p><b>Design, Construction, and Installation of a Vehicle Disinfection System for Inbound Vehicles at the University Main Gate (in cooperation with the CEAT)</b></p>
<p><b>Disinfection of Buildings</b></p>
<p><b>Design of Handwashing Stations (in cooperation with the CEAT)</b></p>
<p><b>Provision of Shuttle Service for University Personnel (Skeleton Force)</b> Employees were provided a shuttle service (7 vehicles per day; 50 employees per day)</p>
<p><b>Provision of Shuttle Service for Relief Distribution to Stranded Students</b> Two (2) vehicles per week were dispatched to distribute relief packs to stranded students.</p>
<p><b>Relief Goods to Job Order (JO) Personnel Affected by the Enhanced Community Quarantine (ECQ) c/o the BSU Non-Teaching Association (BSUNTA)</b> A total of 320 packs of rice at 5kg per pack, 25 packs of assorted vegetables, and 18 sacks of carrots were distributed to 245 JO personnel from La Trinidad, Tublay, and Baguio City. These were from donations.</p>

INITIATIVES FOR THE COMMUNITY

**Production and Distribution of Face Shields for Frontline Personnel and Health Workers**

Face shields for 1,500 frontline workers were produced and distributed in La Trinidad, Baguio City, Bakun, Atok, Buguias, Bokod in Benguet and Bauko in Mt. Province. Donations were from the CCDC College of Law and voluntary contributions.

**Provision of Shuttle Service for Frontline Personnel of the Benguet General Hospital**

One (1) university vehicle was dispatched for six (6) frontline personnel.

**Provision of comfort room with shower at the BAPTC**

This was in coordination with the La Trinidad Water District who installed and provided water supply. This benefited farmers, traders, and drivers.

## LIST OF ACRONYMS

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### *Colleges, Institutes and Centers*

CA- College of Agriculture  
CAS- College of Arts and Sciences  
CEAT- College of Engineering and Applied Technology  
CF- College of Forestry  
CHET- College of Home Economics and Technology  
CN- College of Nursing  
CTE-College of Teacher Education  
CVM- College of Veterinary Medicine  
IHK- Institute of Human Kinetics  
IIT- Institute of Information Technology  
IPA- Institute of Public Administration  
ILC- International Language Center  
CCA- Center for Culture and the Arts  
SWK- Sentro ng Wika at Kultura

### *Research Institutes and Centers*

ATBI/IC- Agri-based Technology Business Incubator/ Innovation Center  
CSAC- Climate Smart Agriculture Center  
COARDC- Cordillera Organic Agriculture Research & Development Center  
CRAC- Cordillera Regional Apiculture Center  
FSRIC- Food Science Research and Innovation Center  
HERRC- Higher Education Regional Research Center  
HORTI- Horticultural Research and Training Institute  
IHFS- Institute of Highland Farming Systems and Agroforestry  
ISR- Institute of Social Research and Development  
NPRCRTC-Northern Philippines Root Crops Research and Training Center  
CCARD- Center for Animal Research and Development

### *Offices*

OUR- Office of the University Registrar  
UHS- University Health Services  
ULIS- University Library and Information Services  
OSS- Office of Student Services  
GCU- Guidance and Counseling Unit  
SDU- Student Development Unit  
IPRO- Intellectual Property Rights Office  
REPO- Research Publication Office  
ASD- Administrative Services Division  
FSD- Finance Services Division  
CBOO- Compensation, Benefits and Other Obligations Office  
HRDO- Human Resource Development Office  
HRMO- Human Resource Management Office  
ROA- Records and Archives Office  
PMO- Procurement Management Office  
SPMO- Supply and Property Management Office  
UBA- University Business Affairs  
IAS- Internal Audit Services  
OQAA- Office of Quality Assurance and Accreditation  
PDO- Planning and Development Office  
GAD- Gender and Development  
UPAO-University Public Affairs Office  
OUBS- Office of the University and Board Secretary  
IRO- International Relations Office  
ICT Division- Information and Communication Technology Division

### *IGPs*

FPC- Food Processing Center  
MC- Marketing Center

### *Organizations and Regulatory Bodies*

CHED-CAR- Commission on Higher Education-Cordillera Administrative Region  
AACUP- Accrediting Agency of Chartered Colleges and Universities in the Philippines  
IPOPPL- Intellectual Property Office of the Philippines  
CSC- Civil Service Commission  
NLP- National Library of the Philippines

### *Documents*

COP- Compliance Officers for Privacy  
CoPC- Certification of Program Compliance

### *Others*

LeADS- Learning and Development Services  
CoPE- Continuing Professional Development  
ECQ- Enhanced Community Quarantine  
GCQ- General Community Quarantine  
MGCQ- Modified General Community Quarantine  
PPE- Property, Plant and Equipment  
VP Vice President  
CY- Civil Year  
SY- School Year  
IGP- Income Generating Projects  
IGI- Internally Generated Income  
IOB- Internal Operating Budget  
UBA- University Business Affairs  
INSET- In-Service Training

## ANNUAL REPORT 2020

### **Production Team**

Gretchen Gaye C. Ablaza  
*Copy reading and Logistics*  
Jennyline S. Tabangcura  
*Copy reading and Graphic Design*  
Mikhail H. Del Rosario  
Elsie M. Bawayan  
*Logistics*

### **Copy reading Guidelines**

1. The APA style were followed in table and figure titles, scientific names and in-text mentions of names.
2. Words were spelled according to the dictionary by Merriam-Webster.
3. The word university was spelled with a capital U when it was referring to BSU.

*The production team acknowledges the reports submitted by BSU offices, colleges, centers and institutes. The front cover photo is by the Center for Geoinformatics.*



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