

SUSTAINING BSU'S COMMITMENT
TO REGIONAL AND NATIONAL
DEVELOPMENT

1988 ANNUAL REPORT

Benguet State University
La Trinidad Benguet

LUCIO B. VICTOR, Ph.D.
President

Republic of the Philippines
BENGUET STATE UNIVERSITY
La Trinidad, Benguet

30 May 1989

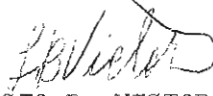
HER EXCELLENCY CORAZON C. AQUINO
President
Republic of the Philippines
Malacanang, Manila

Thru: The Honorable Lourdes R. Quisumbing
Chairman, BSU Board of Regents .
and Secretary of Education,
Culture and Sports

Madam:

I have the honor to submit herewith the Annual Report of
the Benguet State University, La Trinidad, Benguet pursuant to
the provisions of Presidential Decree No. 2010, covering the
Calendar Year 1988.

Very truly yours,


LUCIO B. VICTOR
President

Republic of the Philippines
BENGUET STATE UNIVERSITY
La Trinidad, Benguet

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EXECUTIVE SUMMARY

The year 1988 was eventful for the Benguet State University. It was the second year of administration for the first Igorot University President, Dr. Lucio B. Victor. The year was marked with auspicious developments and accomplishments.

In its role as a state institution of higher learning, the University upgraded and expanded its academic programs in order to cater to a wide expanse of clientele that includes students not only from the region but also from as far as Mindoro and nearby provinces and from foreign lands. The various curricula were updated and strengthened with the continuing development of the necessary support systems such as library materials, laboratory equipment, instructional materials, relevant and updated course-offerings and most of all, developed faculty capabilities.

In response to the growing need of more specialized fields of expertise in the region, the University opened the College of Home Economics and Technology in June. The new college was established to meet the needs of the region and nearby localities for trained and skilled manpower in food industries, health and nutrition, and in food service establishments. In addition, a new program was added, the Bachelor of Science in Agricultural Education, major in Elementary Education. This new program is expected to answer the dearth of qualified teachers to teach agriculture and its allied fields to elementary grade pupils.

Efforts were also made towards the opening of a distance learning program in Master of Science in Resource Systems Management, as a means to improve the management capabilities of personnel working in various agencies in the region who are not able to avail of educational opportunities due to their inaccessibility to educational institutions. Similarly, University officials initiated the re-opening of the College of Nursing, which was once a program at the then Baguio General Hospital, to be based at the University. Efforts are also underway for the eventual creation of an Institute of Technical and Vocational Education in the University. Both units are expected to answer major educational and manpower training needs in the region.

For the year 1988, the University enrollment was 3,806, which was greater by 6.8% than that of 1987. The increase, however, was due mainly to the enrollment increase in the elementary and secondary levels. Graduates for the year included 242 in the degree program (undergraduate and graduate) and 44 in non-degree programs. The total number of graduates slightly decreased compared to that of 1987.

On its research function, the University generated, developed and unified technology, knowledge and practices which are relevant to the situation and needs of its major clientele. The different research units were able to publish research results, complete a number of research projects in various disciplines, propose and prepare for implementation new research programs that have essential

implications on national, regional and local situations. Although an institutionalized research publication was not available during the year, research results are being transferred to intended clients through various training media, through instruction, appropriate farm demonstration and agribusiness production projects.

Development of manpower capabilities in research are also given high priority with the sending of a substantial number of research personnel for degree trainings and other specialized intensive training programs here and abroad. The physical resources are likewise continually developed by the acquisition of additional research equipment, upgrading of laboratory facilities, green houses and field experimental areas. Through the various linkages, research is strengthened through collaborative projects, exchange of methodologies and sharing of resources.

Research has also generated a modest income during the year, and has continued to maintain collaborative efforts with affiliate research agencies based in the campus.

The extension programs of the University were sustained mostly through the use of the National Training Center-Agricultural Training Institute and through the various colleges and research institutes. Various skills training programs and outreach projects were conducted within the campus and in selected municipalities. Such extension programs catered to a wide selection of clientele from housewives and farmers to professionals and specialists. The different colleges also were able to do extension services through their own faculty.

On agribusiness production, the different income-generating projects supervised by the Business Affairs Division were able to realize a total net income of ₱1,052,689.29 and were entered in the Revolving Fund Project book. Topping the income-generating projects for the year in terms of net income was the Cafeteria with ₱714,946.81, followed by the Food Processing Center and Bakery with net incomes of ₱274,004.41 and ₱257,468.33 respectively. Eight projects registered losses due to manpower turn-over, decrease in volume of business, renovations and other circumstances.

On general administration, the University was able to approve and commence construction of seven (7) infrastructure projects in 1988. These projects include: (a) Construction of Library Phase II-C, (b) Interior and exterior painting of Library Phase II, (c) partial structural construction of Veterinary Medicine Building, (d) partial completion of Home Management Building, (e) extension of IPB greenhouse, (f) construction of poultry house and (g) the awarding of contract to construct the Research Laboratory Building, an EDPITAF project.

Finally, in instituting a policy of allowing a number of capable personnel to hold administrative and supervisory positions, the University President reorganized the University administrative supervisory personnel by designating and redesignating officials to various academic, research, extension and administrative positions effective July 4, 1988.

PHILOSOPHY AND OBJECTIVES

The Benguet State University has adopted as its philosophy the total development of man and his potentials. The University's existence is anchored on this humanistic philosophy and thus all its efforts and resources are directed towards this end.

The University has for its main thrust the development of the Cordilleras and other highland countrysides through instruction, research, extension and production. It emphasizes the promotion of science and technology particularly in the fields of sub-tropical agriculture, small scale industries, agribusiness, environmental conservation and rehabilitation as well as man's role in the various aspects of society.

The University strives to attain the following objectives:

1. Provide formal instruction in all levels with emphasis on developing vocational efficiency and inculcating the attributes of good citizenship;
2. Provide professional, technical and special instruction to enable students earn a decent living;
3. Develop progressive leadership as well as develop social, civic and cultural consciousness;
4. Conduct and promote research activities on the principal products of the region;
5. Provide extension services to the immediate community and other service areas through training programs and dissemination of relevant information;

6. Promote agri-business production which demonstrates the economic and social viability of recommended technologies, and eventually generate income for the Institution; and

7. Initiate and assist in the improvement and expansion of home industries for self-sufficiency.

INSTRUCTION

A highlight in the instruction function of the University for the year 1988 was the graduation of two (2) doctoral, ten (10) masteral and 230 baccalaureate students from the different academic programs. In addition, 44 students obtained certificates in various non-degree programs, 182 graduated from high school and 128 from elementary.

Another major event was the elevation in May, 1988 of the Department of Home Economics to the College of Home Economics and Technology by virtue of Board of Regents' Resolution No. 206, series 1988. This change is expected to pave the way for the offering of new curricular programs and gives the University wider room for innovations and strengthening of its ancillary functions.

Academic Programs

The University continued to offer curricular programs established during the preceding years. No new programs were opened in both graduate and undergraduate levels in 1988. However, the Bachelor of Science in Agricultural Education was expanded to include a major field in Elementary Education beginning school year 1988-1989.

At present, the academic programs include three (3) major fields in the doctoral level, ten (10) programs in the masteral level, ten (10) in the baccalaureate level and several non-degree/non-formal courses.

The curricular programs are as follows:

Graduate Programs

Doctor of Philosophy (Ph. D.)

Doctor of Philosophy in Horticulture
 Doctor of Philosophy in Rural Development
 Doctor of Philosophy in Agricultural Education

Master of Science/Education

Master of Science in Agricultural Education
 Master of Science in Extension Education
 Master of Science in Agricultural Economics
 Master of Science in Rural Development
 Master of Science in Agriculture
 Major in: a. Agronomy
 b. Animal Science
 c. Botany
 d. Horticulture
 e. Plant Pathology
 f. Soil Science
 g. Extension and Rural Development
 h. Agricultural Economics
 i. Entomology

Master of Education in Practical Arts
 Master of Education in Home Economics
 Master of Science in Forestry
 Master of Science in Teaching Physical Science
 Master of Arts in Physical Education

Undergraduate Degree Programs (BS)

Bachelor of Science in Agriculture
 Bachelor of Science in Home Economics
 Bachelor of Science in Agricultural Education
 Bachelor of Science in Nutrition
 Bachelor of Science in Agricultural Engineering
 Bachelor of Science in Forestry
 Bachelor of Science in Animal Technology
 Bachelor of Science in Agricultural Business
 Bachelor of Science in Applied Statistics
 Doctor of Veterinary Medicine

Post Secondary/Nor-degree Programs

Certificate in Physical Education
 Agri-Forestry
 Dressmaking
 Tailoring
 Baking
 Food Preservation
 Applied Technology Course

- a. Farm Machinery Technology
- b. Carpentry and Wood Working Technology
- c. Metal Work and Welding Technology
- d. Practical Electricity and Electronics Technology

Secondary Education

Vocational Agriculture
 Home Economics
 General Curriculum
 Special Agricultural Science

Elementary Education

Enrolment

Enrolment for the year 1988 in the different levels of instruction as well as degree programs is shown in Table 1. Total enrollment for the first semester, 1988-1989 was 3,806. This was more than the enrollment during the same period of the previous year by 6.8% (3,565) although the increase was due mainly to the increase in elementary and secondary pupils. A slight increase was registered in the undergraduate degree programs but the increase was not as pronounced.

Graduates

The year 1988 marked the first time the University graduated students in the doctoral level. Two (2) obtained a Ph. D. degree in Agricultural Sciences major in Horticulture in March 1988, one was a student from Bangladesh and the other, from Tarlac College of

Table 1. Enrollment and Graduates, 1988

| | 2nd Sem 1987-1988 | | Summer, 1988 | | 1st Sem 1988-1989 | | TOTAL |
|--------------------------------|-------------------|------------|--------------|-----------|-------------------|-----------|------------|
| | Enrollment | Graduates | Enrollment | Graduates | Enrollment | Graduates | |
| GRADUATE PROGRAMS: | | | | | | | |
| Doctor of Philosophy | 36 | 2 | 21 | 1 | 37 | 1 | 2 |
| Master of Science | 168 | 4 | 115 | 4 | 174 | 2 | 20 |
| Sub-total | 204 | 6 | 136 | 4 | 211 | 2 | 12 |
| UNDERGRADUATE PROGRAMS: | | | | | | | |
| BS Agriculture | 312 | 41 | 121 | 1 | 347 | 13 | 55 |
| BS Agri. Educ. | 453 | 40 | 324 | 5 | 449 | 37 | 82 |
| BS Applied Stat. | - | - | - | - | - | - | - |
| BS Home Economics | 168 | 14 | 93 | 2 | 144 | 8 | 24 |
| BS Nutrition & Diet | 80 | 2 | 50 | - | 86 | 3 | 3 |
| BS Agri. Mgt'g. | 104 | 8 | 42 | 2 | 104 | 1 | 10 |
| BS Forestry | 138 | 19 | 72 | - | 161 | 5 | 24 |
| BS Agri. Bus. Mgmt. | 67 | 14 | 37 | 2 | 92 | 1 | 17 |
| BS Anim. Tech. | 84 | 10 | 24 | - | 44 | - | 10 |
| Doc. of Vet. Medicine | 36 | 4 | 17 | 1 | 54 | - | 5 |
| Sub-total | 1442 | 150 | 780 | 13 | 1481 | 67 | 230 |
| NON-DEGREE PROGRAMS: | | | | | | | |
| Cert. In Physical Educ. | 11 | 3 | 17 | - | 38 | 3 | 6 |
| Agri-Forestry | 28 | 4 | 11 | - | 44 | - | 4 |
| Agri-Mechanics/Farm Tech. | 18 | 17 | - | - | 36 | - | 17 |
| Baking | 8 | 8 | - | - | 10 | - | 8 |
| Dressmaking/Tailoring | 9 | 9 | - | - | 7 | - | 9 |
| Carpentry | - | - | - | - | 10 | - | - |
| Auto Elec. Technology | - | - | - | - | 10 | - | - |
| Welding Car Technology | - | - | - | - | 19 | - | - |
| Sub-total | 74 | 41 | 28 | - | 177 | 3 | 44 |
| SECONDARY EDUCATION | | | | | | | |
| ELEMENTARY EDUCATION | 934 | 182 | - | - | 1014 | - | 182 |
| | 840 | 128 | - | - | 923 | - | 128 |
| TOTAL | 3494 | 507 | 944 | 17 | 3806 | 72 | 596 |

Agriculture. Ten (10) finished their masteral degrees, 230 obtained various baccalaureate degrees, and 44 finished different non-degree programs.

On the whole, those who graduated in 1988 were less than in 1987. For the degree programs, a decrease of 18% was observed (296 in 1987 and 242 in 1988) but there was an increase of 91% in the non-degree programs (23 in 1987 and 44 in 1988). Graduates in the elementary and secondary levels were same for both periods.

Faculty Development

The University undertakes a continuous faculty development to upgrade and support the University's academic programs as part of the overall development scheme of the University. This includes degree trainings as well as short-term and specialized trainings granted to the faculty and staff. Some faculty availed of scholarship and training grants offered by local and international agencies while others pursued degrees at their own expense.

Table 2 shows the faculty members who obtained doctoral and masteral degrees in 1988. Four (4) were able to obtain doctoral degrees in various fields from different schools.

At one time in 1988, 24 faculty members were sent for doctoral studies full-time while 10 pursued masteral studies for a total of 34 faculty on full-time study grant. Of these, six (6) were on local scholarship grant, 15 on foreign scholarship grants, 10 on official time and three on assistantship (Table 3). Most of these

are expected to finish their degrees by the end of 1989 and are expected to considerably strengthen the faculty capability of the University in their respective fields of specialization.

Specialized trainings were also attended by at least 13 faculty members (Table 4) while many others attended short-term seminars, conferences or workshops.

Table 2. Faculty who completed graduate degrees, 1988

| Name | Degree/Specialization | School | Date Completed |
|--------------------|-----------------------|-----------------|----------------|
| <u>A. DOCTORAL</u> | | | |
| COLTING, Rogelio | Ph. D. Soil Science | UPLB | Mar 1988 |
| DIMAS, Evelyn | Ph. D. Education | SLU | Mar 1988 |
| FERNANDEZ, Perlita | Ph. D. Education | SLU | Aug 1988 |
| LUIS, Janet | Ph. D. Pathology | UPLB | Mar 1988 |
| <u>B. Masteral</u> | | | |
| ABEN, Silvestre | MS Agronomy | Univ. of London | Oct. 1988 |
| BANDAAY, Philip | Med Practical Arts | BSU | Dec 1988 |
| BESTRE, Erlinda | MS Biology | ILSU | Jun 1988 |
| BOCALAN, Ramon | MS Animal Science | BSU | Mar 1988 |
| CHUA, Edna | MA Math Education | MLQU | Dec 1988 |
| COTIMAN, Luisa | MA Education | BCU | May 1988 |
| LAOYAN, Lilia | MA Education | BCU | Mar 1988 |
| MARQUEZ, Mario | MS Soil Science | BSU | Mar 1988 |
| MAYOS, Norma | MA Education | BCU | Mar 1988 |

Faculty Profile

In 1988, there were 264 faculty members with plantilla positions, an increase of 2 from 1987 (Table 5). Of these, there was an increase of one (1) faculty with a doctoral degree and 12 faculty members with masteral degrees from that of 1987, as a result of the University

Table 3. Faculty on full-time scholarship grants/higher studies, 1988

| N A M E S | Degree/ Specialization | School | Period | Sponsor |
|----------------------|---------------------------|-------------|---------------|----------------|
| A. DOCTORAL | | | | |
| ALEJANDRO, Vilma | Ph. D. Horticulture | UPLB | Jun 86-May 89 | PCARRD |
| ALONZO, Josefina | Ed. D. Education | UB | Nov 87-Mar 89 | OT |
| APOLONIO, Carmencita | Ed. D. Guid. & Coun. | UB | Nov 87-Oct 89 | BSU |
| BALAOING, Jose | Ph. D. Soil Science | Kochi Univ. | Apr 86-Mar 90 | Mombusho |
| BALCITA, Manuel | Ph. D. Horticulture | Univ of Haw | Jun 86-Mar 89 | East West Ctr. |
| BALORA, Feliciano Jr | Ph. D. Forestry | UPLB | Jun 88-Jun 90 | OT |
| CASTILLO, Rebecca | Ph. D. Soil Science | UPLB | Oct 85-Dec 89 | SEARCA |
| COLTING, Rogelio | Post Grad. Studies | Uni of NSW | Jul 88-Jul 90 | Colombo |
| COTIWAAN, Basilio | Ph. D. Anim. Prod. | Uni of QS | Jul 88-Jul 92 | Colombo |
| GANGA, Zenaida | Ph. D. Plant Breed | Cornel U. | Jul 88-Jul 92 | CIP |
| JOSUE, Jose | Ph. D. Science Ed | DLSU | Jun 87-May 90 | BSU |
| LAKING, Artemio | Ph. D. Sociology | UP Dil | Oct 86-Oct 89 | Ford Found. |
| LAZO, Noel | Ph. D. Chemistry | Syracuse U | Oct 86-Oct 89 | Asst. |
| LICUDINE, Danilo | Ph. D. Agro, Soil Sci | U. Hawaii | Sep 88-Sep 91 | Asst. |
| LIGAT, Bonnie | Ph. D. Pathology | Waite U. | Sep 87-Sep 90 | Colombo |
| LIGAT, Julio | Ph. D. Entomology | U. QL | Jan 88-Jan 92 | Colombo |
| LLANES, Zenith | Ed. D. Education | Univ. Bag. | Nov 88-Mar 89 | OT |
| MADDUL, Sonwright | Ph. D. Animal Science | UPLB | Oct 85-Oct 88 | Ford Found. |
| MERESTELA, Tessie | Ph. D. Soil Microbio | Tokyo U. | Oct 85-Apr 89 | Mombusho |
| MINONG, Bonifacio | Ph. D. Rural Devt. | BSU | Nov 88-May 89 | OT |
| PALISPIS, Norma | Ph. D. Horticulture | UPLB | Oct 85-Mar 89 | OT |
| SOLIMEN, Julia | Ph. D. Rural Devt. | BSU | Jun 87-Mar 90 | OT |
| TAGARINO, Darlyn | Ph. D. Bus. Mgmt. | DLSU | Jun 87-May 90 | BSU |
| TUKAKI, Julie | Ph. D. Soil Science | U. Idaho | Jan 86-Dec 89 | ICP |
| B. MASTERAL | | | | |
| AOLS, Epifania | MPS (Food & Nut) | UPLB | May 88-Oct 89 | |
| AQUITANIA, Consortia | MA Math Educ. | BSF | Nov 87-Mar 89 | OT |
| BATCAGAN, Lawana | MA Education | UB | Jun 87-Mar 89 | BSU |
| BIBAL, Milagros | MS Ag. Eng'g. | UPLB | Jun 87-May 89 | BSU |
| BUCU, Gilda | MS Rural Devt. | BSU | Oct 86-Mar 89 | OT |
| CCRPUZ, Aileen | MS Chemistry | UP Dil | Jun 87-Jun 89 | DOST |
| DEGSI, Adeline | MA Education | UB | Jun 87-May 89 | OT |
| DOMONDOM, Denissa | MS Biology | DLSU | Jan 88-Jan 90 | DOST |
| GONZALES, Esther | MA Education | SLU | Jun 89-May 90 | OT |
| MERCADO, Julius CS | MS Ind. Eng'g. | Auburn U. | Jan 87-Dec 88 | Asst. |
| TUMBAGA, Victoria | MS Women & Devt. | UP Dil | Nov 88-Oct 91 | BSU |

faculty development program.

Similarly, the academic ranks considerably moved upward in 1988 compared to that of 1987 as a result of the National Compensation Circular 33 evaluation

Table 4. Faculty sent for training, 1988

| NAME | Training Attended | Place | Duration |
|----------------------|--|---------------|-----------------|
| BOLINTO, Henry | Training Course on Veg. | Kochi Univ. | May 88-Oct 89 |
| DACANAY, Josefina | Cur. Devt. in Language Teaching Methodology | Singapore | Jan 88-Feb 88 |
| DEBAD, Luz | Rural Development | Netherlands | Sep 88-May 89 |
| FANG-ASAN, Maria Luz | Apiculture Training | BSU | Jul 5-8, 1988 |
| GONZALES, Fernando | Teaching Post Harvest Technology | UPLB-PHTRC | Oct 16-30 88 |
| KUDAN, Silvestre | Scientific Photography | BSU-NTS-ATI | Apr-May 1 88 |
| LASDACAN, Ernesto | Leadership Training for Advisers | | |
| PADUA, Danilo | Fruit & Veg. Growing- Strawberry & Apple Prod | West Germany | Nov 87-Nov 88 |
| | Special Trng. on Germplasm | AVRDC, Taiwan | Nov 8-Dec 17,88 |
| PANDOCEN, Magdalena | Scientific Photography | NTC-BSU-ATI | Apr 30-May 1,88 |
| TANDANG, Leoncia | First Trng. Course on F-Hybrid Seed Prod of Selected Vegetable | UPLB | Feb 22-Mar 4,88 |
| | Sweet Potato Breeding & Training Course | VSCA/BSU | Sep 5-16, 1988 |
| TOLEDO, Pepe | Post Graduate Diploma in Agri-Science | New Zealand | Feb 87-Mar 88 |
| WALSİYEN, Myrna | Post Graduate Course in Animal Science | Norway | Aug 87-Jun 88 |

with cut-off-date June 30, 1988. For example, the number of faculty with the rank of instructor decreased from 121 in 1987 to 103 in 1988 but the number of faculty with higher ranks increased. There were 84 assistant professors in 1987 and 92 in 1988; 36 associate professors in 1987 and 42 in 1988; and 21 full professors in 1987 and 27 in 1988.

Table 5. Faculty Profile, 1988

| ACADEMIC RANK | 1987 | | | | | 1988 | | | | |
|-------------------|-------------|----|-----|-----|-------|-------------|-----|-----|-----|-------|
| | Ph. D./ MS/ | | AB/ | | TOTAL | Ph. D./ MS/ | | AB/ | | TOTAL |
| | Ed. D. | MA | DVM | BS | | Ed. D. | MA | DVM | BS | |
| Professor VI | 11 | | | | 11 | 15 | | | | 15 |
| Professor V | 2 | | | | 2 | 3 | | | | 3 |
| Professor IV | 1 | | | | 1 | 2 | | | | 2 |
| Professor III | 3 | | | | 3 | 2 | | | | 2 |
| Professor II | 1 | | | | 1 | 2 | | | | 2 |
| Professor I | 2 | 1 | | | 3 | 2 | 1 | | | 3 |
| Sub-total | 20 | 1 | | | 21 | 26 | 1 | | | 27 |
| Assoc. Prof. VI | | 2 | | 1 | 3 | 2 | 2 | | 1 | 5 |
| Assoc. Prof. V | 2 | 4 | | 1 | 7 | 2 | 9 | | 1 | 12 |
| Assoc. Prof. IV | 1 | 8 | | | 9 | | 7 | | | 7 |
| Assoc. Prof. III | 2 | 3 | | | 5 | | 4 | | | 4 |
| Assoc. Prof. II | 2 | 4 | | | 6 | | 5 | | | 5 |
| Assoc. Prof. I | 2 | 4 | | | 6 | | 9 | | | 9 |
| Sub-total | 9 | 25 | | 2 | 36 | 4 | 36 | | 2 | 42 |
| Assist. Prof. VI | | 13 | | | 13 | 1 | 12 | 1 | 1 | 15 |
| Assist. Prof. V | 1 | 7 | 1 | 4 | 13 | | 13 | | 5 | 18 |
| Assist. Prof. IV | | 11 | | 6 | 17 | | 11 | | 5 | 16 |
| Assist. Prof. III | | 15 | | 4 | 19 | | 6 | | 6 | 12 |
| Assist. Prof. II | | 3 | | 5 | 8 | | 3 | | 10 | 13 |
| Assist. Prof. I | | 5 | | 9 | 14 | | 7 | 1 | 10 | 18 |
| Sub-total | 1 | 54 | 1 | 28 | 84 | 1 | 52 | 2 | 37 | 92 |
| Instructor VI | | 10 | 1 | 32 | 43 | | 13 | | 29 | 42 |
| Instructor V | | 3 | 1 | 24 | 28 | | 6 | 1 | 19 | 26 |
| Instructor IV | | 3 | | 17 | 20 | | 2 | | 16 | 18 |
| Instructor III | | 2 | | 13 | 15 | | | | 12 | 12 |
| Instructor II | | 0 | | 7 | 7 | | | | 2 | 2 |
| Instructor I | | 1 | | 7 | 8 | | 1 | | 2 | 3 |
| Sub-total | 0 | 19 | 2 | 100 | 121 | 0 | 22 | 1 | 80 | 103 |
| GRAND TOTAL | 30 | 99 | 3 | 130 | 262 | 31 | 111 | 3 | 119 | 264 |

Curriculum Development Efforts

Curriculum offerings had been continually subjected to revisions and improvement with the criteria formulated by the Technical Panel for Agricultural Education (TPAE) and other standards set by the Department of Education, Culture and Sports. In all the Colleges, syllabi and instructional materials were updated to suit new developments in the different programs. Likewise, laboratory and other facilities were upgraded as funds permitted and through support from other agencies.

In the College of Agriculture, enrichment courses in agricultural economics were proposed for the BS Agribusiness degree program. Computer lessons were also integrated to the agribusiness and agri-economics majors' class activities. The Soil Science Department was able to acquire laboratory materials and technical references from the JICA to boost its instructional capabilities. Efforts were also made by other departments to acquire various forms of instructional materials from some supporting agencies.

The College of Applied Engineering and Technology revised the 1987 BS Agricultural Engineering curriculum to include computer courses and electives in lieu of the Spanish courses which were made optional. Such changes were implemented effective SY 1988-1989. Field trips to developed processing and engineering centers were also integrated to classroom lectures which enabled students to have a clearer perspective of their technical lessons.

In the College of Arts and Sciences, an instructional center

was operationalized during the school year. The Center was charged the responsibility of coordinating, reproducing and distributing instructional materials used by students in the different departments of the College and is a forerunner of a plan to institutionalize and standardize instructional materials in the College.

The College of Home Economics and Technology faculty finalized the curricula for the certificate in Home Management Arts and Certificate in Food Service and Catering. The College also acquired laboratory manuals and reference materials in nutrition through donations and some cosmetology paraphernalia through self-help efforts.

The College of Forestry implemented a new BS Forestry curriculum in 1988. Two required subjects (Logic and Philippine History and Culture) and two technical courses (Parks and Outdoor Recreation and Forest Environmental Science) were introduced in lieu of 12 Spanish units. The new curriculum has a total of 165 units, a decrease of 16 units from the previous total of 181, as a result of realigning and phasing out of some subjects.

The College of Veterinary Medicine continued to upgrade its curriculum program in Doctor of Veterinary Medicine according to TPAE requirements. Self-help efforts were done to augment existing equipment and laboratory materials.

On the part of College of Teacher Education, a new major field in BS Agricultural Education was opened, the Elementary Education. Some twenty students enrolled initially in the field and the enrollment

is expected to increase in the future. A move was also done to slowly phase out the major fields in Mathematics and Practical Arts which will eventually be reopened as major fields in the planned Bachelor of Secondary Education and Bachelor in Elementary Education programs. The Department of Physical Education and Athletic Affairs was also absorbed to the College during the school year.

The Graduate School had been active in curriculum development by acquiring volumes of books, references and manuals through the Graduate School Development Fund. Lately, laboratory equipment were slated for purchase through the fund to boost possible acquisitions through regular university appropriations. Efforts were also made to get approval for the opening of a distance learning program in MS in Resource Systems Management.

The University also planned to re-open the College of Nursing which was once offered as a curricular program at the then Baguio General Hospital, in the University in consortium with government hospitals which are proximate to the campus. On the strength of a feasibility study, a bill was filed at Congress to legislate the opening and seek financial backing for the proposed College and its facilities.

Similarly, efforts were underway for the eventual creation of an Institute of Technical and Vocational Education in the University. Evaluation proceedings had been initiated on the buildings, facilities, instructional models and equipment of the proposed unit and results and other progress will be concrete by the next school year.

The Colleges

College of Agriculture (CA). The College of Agriculture remains most visible in the instruction function of the University. It has two degree programs and offers extensive major fields in agriculture.

At the end of 1988, the College had 66 faculty members of which 14 are doctoral degree holders, 39 with masters degree and 13 with bachelors degree.

Aside from the College's efforts to excell in instruction, it had an exceptional year in research and extension. Many of its faculty extended expert services as consultants, resource persons, technical paper presentors/authors and lecturer/trainors. In research, the CA faculty accounted for a substantial number of published researches, completed researches, on-going researches and proposed researches.

The College also was able to establish and maintain collaborative linkage with international and national agencies such as the IFS, IDRC, ISMAR, the NAAP, BPI, and at least 20 private companies.

College of Applied Engineering and Technology (CAET). The CAET offers the BS Agricultural Engineering degree and a number of non-degree training courses in applied technology. It has a faculty of eleven (11), three of which are masters degree holders and the rest bachelors degree holders.

The College graduated eight (8) students in the BS Agricultural Engineering course and 17 in the diploma course in applied technology.

One graduate passed the professional board examination in agricultural engineering held in 1938, although not all took the examinations.

Research function of the College is concentrated on basic student researches. However, a collaborative effort is underway with the Office of Energy Affairs for the establishment of an Affiliated Non-conventional Energy Center in the University. Extension trainings were on radio technician and TV servicing courses, and focused on out-of-school youths as its main clientele.

College of Arts and Sciences (CAS). The CAS has a single curricular program, the BS in Applied Statistics. After graduating a student in 1987, no one enrolled in the program since then. The college's function is therefore concentrated in serving the general education needs of all degree programs in the University..

At present, the college has 46 faculty members with 2 doctoral degree holders, 27 masters degree holders and 17 bachelors graduates.

Some faculty in the College served as lecturers in various seminars, two completed a research project, one is currently conducting a research project and one proposed a five-year research program. The College also sponsored several seminars involving professionals and students as well as various student activities.

College of Home Economics and Technology (CHET). The CHET is the youngest of the seven colleges. It was created on May 30, 1988 with the elevation of the Department of Home Economics, one of the units under the College of Teacher Education. It was established to

develop competent teachers and nutrition graduates, and to provide trained manpower in nutrition and food industries in the Cordillera and nearby regions.

At present, the College offers three curricular programs and several non-formal education training courses. It is manned by 12 faculty members, one of which is a doctor, four masteral degree holders and the rest bachelors degree holders.

For the past year, some faculty of the College published their research outputs in local journals and papers, attended seminars and conferences, coordinated various student activities and proposed researches to national funding agencies. Also, they were involved in extension services as coordinators or resource speakers.

College of Forestry (COF). The COF offers the BS in Forestry program and assists in the masteral program in Forestry under the Graduate School. In 1988, the College graduated twenty-four (24) students. Eventually, six (6) passed the professional board examination in forestry although not all of the graduates took the examination.

At present, the College is manned by eleven faculty members; three of which are on leave for higher studies and one on substitute status. The year 1988 saw the tapping of one COF faculty as a consultant by the Iron Development Corporation, the implementation of three (3) research projects and the holding of some extension activities by the College, specifically the organization of communities of Mangal and Talingguroy in preparation for the implementation of a project on the utilization of the BSU reservation for moriculture.

College of Veterinary Medicine (CVM). The CVM offers two curricular programs, the Doctor of Veterinary Medicine and the BS in Animal Technology. Five (5) graduated in the former while ten (10) graduated in the latter program for the year 1988. Two (2) DVM graduates took the board examination in their field on the same year and eventually passed the examination.

The College, at present, has a staff composed of eight (8) faculty members, seven (7) of which are doctors of veterinary medicine and one medical technologist. Two of the DVM's also hold masters degrees in specialized fields and one of them is currently pursuing a doctoral degree in animal production.

The year 1988 saw the addition of the Veterinary Hospital to the physical resources of the College and the start of construction of a three storey veterinary science building.

Research activities of the College are confined to specialized research with students while extension services were principally on vaccination of animals against rabies, cholera, and other diseases.

College of Teacher Education (CTE). The College of Teacher Education offers the BS Agricultural Education program. It is the biggest college in terms of number of students and faculty if the Secondary Training and Elementary Training Departments are included. The inclusion of the Department of Physical Education to the College has expanded to College's role in the University as the department plays a major role in the Master of Arts in Physical Education and the Certificate of Physical Education course.

Questions on the possible cut down in enrollment in both elementary and secondary departments as a result of SCU's redirection to cater to tertiary education continued to loom during the year. Enrollment in both levels, however, increased during the year due to pressing community demand.

Faculty and students activities in the secondary department were plenteous for the school year. Teachers underwent numerous trainings, seminars and conferences in different fields while students were involved in the FFP-FAHP convention, the science fair and quiz, the mathematics olympiad, the press conference and the scout camporee-all in the local and regional levels.

Graduate School (GS). The Graduate School offers a doctoral program in three major fields and ten masteral programs. Except for its appropriation. For the year in review, the GS continued working on the approval of the proposed M.S. in Resource Systems Management through the distance learning approach. The Dean, aside from managing the curricular offerings and assisting faculty to teach graduate subjects, participated in various University Committees, organized seminars for GS faculty and students, represented the University in graduate education conferences and attended to other jobs related to the graduate school.

The Graduate School also continued to have foreign students whose environment and climatic conditions in their country are similar to the locality. Students from Vietnam, Kenya, Nepal and other Asian countries are presently enrolled in the graduate programs.

Student Services

Student services are administered through the Office of Student Affairs (OSA) which supervises several sections. The different sections serve as coordinating and implementing arms of the OSA and take care of the delivery of basic student services.

Student Financial Aid Program. The University is host to different scholarship grants sponsored by the government, some private entities and the University itself. For school year 1988-89, there were 152 registered scholars from different granting entities.

Table 6 shows the different scholarship grants and the number of grantees for SY 1988-89.

Guidance and Counseling. The Guidance and Counselling Division offers students opportunities for intellectual, social, emotional, and physical growth. The Office likewise conducts entrance tests for high school applicants, mental ability tests and assessments to college students and assists students in their academic, vocational, and personal difficulties..

During 1988, the Office monitored student dropouts and students with scholastic deficiencies, coordinated homeroom guidance, issued admission slips, conducted case conferences and updated individual inventory records. The Office also administered tests to 1,009 students and assisted in job opportunity seminars to graduating students.

Table 7 shows some services rendered by the Office for 1988.

Table 6. Summary List of Scholars and Study Grantees Enrolled for the 1st and 2nd Semester, 1988-89.

| SCHOLARSHIP TITLE | Semester | |
|--|----------|-----|
| | 1st | 2nd |
| A. National Scholarships | | |
| 1. State Scholarship | - | - |
| 2. National Integration Study Grant Program (NISGP) | 26 | 26 |
| 3. Selected Ethnic Group Educational Assistance Program (SEGEAP) | 7 | 7 |
| 4. Study No Pay Later Plan (SNPLP) | 14 | 14 |
| 5. National Food and Agricultural Council | 1 | 1 |
| Sub-total | 48 | 48 |
| B. SCU's /Administration | | |
| 1. Kabataang Barangay | 24 | 24 |
| 2. Highland Cultural Troupe (HCT) | 20 | 20 |
| 3. Glee Club | 30 | 30 |
| 4. Citizens Military Training (CMT) | 6 | 6 |
| 5 Athletics | 1 | 1 |
| 6. Student Supreme Council (SSC) | 9 | 9 |
| Sub-total | 104 | 104 |
| C. Yoshida Scholarship | 2 | 2 |
| T O T A L | 152 | 152 |

Table 7. Services rendered by the GC Unit, SY 1988-89.

| TYPE OF SERVICES RENDERED | NO. OF CLIENTELE/CASES |
|---------------------------|------------------------|
| A. Testing Services | |
| High School Entrance Test | 574 |
| Science Qualifying Test | 48 |
| High School Senior's Test | 175 |
| College Freshman IIA Test | 210 |
| B. Academic Deficiencies | 54 |
| C. Disciplinary Cases | 23 |
| D. Information Services | 1,213 |

Residence Halls. The University maintains residence halls for both men and women. These halls were intended to accommodate students specifically those who are in need of housing for the duration of their study in the University.

For the year 1988, occupancy in both halls were as follows:

Men's Residence Hall:

| | |
|-------------------------|---------------------------|
| Maximum Occupancy | - 148 |
| Occupants, 1st Semester | - 73; occupancy rate: 49% |
| Occupants, 2nd Semester | - 76; occupancy rate: 51% |

Women's Residence Hall:

| | |
|-------------------------|----------------------------|
| Maximum Occupancy | - 180 |
| Occupants, 1st Semester | - 121; occupancy rate: 67% |
| Occupants, 2nd Semester | - 109; occupancy rate: 61% |

The occupancy rates of the dormitories indicate that many University students do not take advantage of the dormitory services as the occupancy rates are relatively low. With the opening of another dormitory building for the men, more students can possibly be accommodated.

Student Organizations. There were 24 recognized student organizations during the school year. Each of these organizations serve as training ground for the students along leadership capabilities as well as develop specialized skills and potentials the organizations seek to promote. The organizations also serve as an avenue wherein the students can discover their talents, do community service and develop spiritual, social and cultural consciousness.

Table 8 shows the recognized student organizations for the year 1988.

Table 3. List of Recognized Student Organization/Clubs for School Year 1988-1989.

1. Supreme Student Council (SSC)
2. Future Farmers of the Philippines Collegiate Chapter (FFCC)
3. Future Agricultural Homemakers of the Philippines (FAHP)
4. Future Agricultural Educators Society (FAES)
5. Extension and Rural Development Volunteers
6. Philippine Association of Nutrition (BSU Chapter)
7. Soil Science Society
8. Veterinary Science Club
9. Society of Animal Science
10. Society of Weed Science, Entomology and Pathology (SWEP)
11. Future Foresters Society
12. CMT Spearhead Unit
13. Glee Club
14. Highland Cultural Troupe (HCT)
15. Youth Community Service Club (BSU Unit)
16. BIBAK BSU Chapter
17. League of Allied Universitarian

Religious Groups

1. Campus Crusade for Christ
2. CARP
3. Student Catholic Action
4. Jesus Mt. Praise Ministries
5. Baptist Youth Impact
6. AGAPE Campus Fellowship
7. Keys of the Kingdom Ministry

Placement Office. The Placement Office monitors the job placement of graduates from the University and gives assistance to graduates seeking employment. It conducts periodic surveys to follow-up University graduates.

In 1988, the Placement Office found that some seventy percent (70%) of the 1987-1988 graduates found employment. About 50% each of those who found employment had jobs either related to their field of specialization or not. A Substantial proportion were self-employed, some were employed in government or private offices and a few were able to get jobs outside the country.

About 30% of all the graduates were either unemployed or unaccounted for.

Health Services. The Health Services Division gives free medical and dental services to students, faculty and staff of the University. In 1988, the Division registered a total of 1,854 patients treated. Majority of these (1,252) were students while the rest included personnel (407), staff dependents (172) and outsiders (23). Some cases were referred to other agencies for lack of the necessary facilities.

The types of medical cases attended to by the division are reflected in Table 9.

Table 9. Medical cases, 1988

| Nature of Medical Cases | Number of Cases |
|-----------------------------------|-----------------|
| A. Cases found by system: | |
| 1. EENT | 301 |
| 2. Respiratory | 315 |
| 3. Cardiovascular | 35 |
| 4. Gastro Intestinal | 122 |
| 5. Reproductive or Genito-Urinary | 31 |
| 6. Integumentary | 58 |
| 7. Skeleto-muscular | 128 |
| 8. Nervous System | 24 |
| Sub-total | 1,014 |
| B. Communicable Diseases: | |
| 1. Influenza | 91 |
| 2. Chicken pox/herpes zoster | 14 |
| 3. Mumps | 14 |
| 4. Conjunctivitis/hordeolum | 56 |
| 5. Scabbies, fungus, eczema, etc | 13 |
| 6. Hepatitis | 10 |
| 7. Typhoid Fever | 18 |
| 8. PTB (suspected/confirmed) | 3 |
| Sub-total | 215 |

C. Accidents:

| | |
|---|--------------|
| 1. Lacerations, dislocations, bites, fractures | 35 |
| 2. Contusions, abrasions, burns, | 44 |
| Sub-total | <u>79</u> |
| GRAND TOTAL | <u>1,308</u> |

University Library Services (ULS) The University Library Services continued to strengthen its capabilities mainly through the acquisition of books, periodicals and other materials which are integral parts of the academe. Table 10 shows the material acquisitions of the ULS for the year 1988.

Table 10. Library Acquisition, 1988

| <u>I T E M S</u> | <u>No. of Volumes</u> |
|-------------------|-----------------------|
| A. Books | |
| Main Library | 1,508 |
| Secondary Library | 382 |
| Elementary | 60 |
| B. Theses | 122 |
| C. Pamphlets | 200 |
| D. Serial Titles | 172 |
| TOTAL | <u>2,444</u> |

In addition to the above acquisitions, the ULS also conducted library orientation lectures and library tours for freshmen students during the first semester. Intra-library access through a consortium

with libraries in Baguio City allowed 779 researchers from outside the University to utilize the BSU library and 386 BSU students and personnel to gain access to nearby libraries. There was also an increase in the frequency of books loaning to 56,446 compared to a lesser number in 1987 but a decrease in the volume of reproduction services through the duplicating services through the duplicating xerox machine.

The ULS was able to establish linkages with international and local agencies leading to the latter's donating books and other publications to the University. Among the international agencies which collaborated with the University were Winrock International, Fanfaily Library Services, FAO, ACLAR, IRDC, AURDS, ASPEAC, IFPRI, USDA, and CIB. The local agencies, on the other hand, were the British Council, The TJCC, National Library, PCARD, SEARCH, UPLB, NEDA, Asia Foundation, the Department of Agriculture, DOST and some embassies in Metro Manila.

In 1988, the construction of the second phase of the library complex was also undertaken in full swing. This building will be opened for occupancy by the year 1989.

Special Cultural Office. In line with its function of preserving the cultural wealth of the Cordilleras, the Special Cultural Office had initiated some moves to achieve this end. For 1988, the University through the Special Cultural Office:

*forged an agreement with the National Museum for the

building of a Cultural Heritage Study Center in the University.

*received mineral specimens donated by mining companies in Benguet thus establishing a geological component of the museum.

*facilitated exhibits of butterflies and medicinal plants which are exotic in the North

*participated in specialized trainings along museology

It is expected that the succeeding years will demand a greater role from this Office as it intensifies its activities and builds up its resources.

Sports Development. As an integral part of youth development and education, sports receives substantial attention in the University. The University participates in local sport competitions like the Provincial meet and the Ilocos Regional Athletic Association (IRAA) for elementary and high school students and the Regional and National State Colleges and Universities Athletic Association for both college and high school students. The University, likewise, participates in the Baguio-Benguet Colleges Athletic Association. University intramurals are held at one time during the school year wherein a wide student participation is encouraged. Competitive athletes from the intramurals are selected to represent the University in organized athletic meets.

For the year 1988, the University copped the general championships in the regional SCUA meet for the third consecutive time. Its athletes composed the majority of the Region I athletic contingent to the national SCUA held in Tacloban City. Some BSU athletes also trained and were selected to the IRAA athletic delegation in preparation for the Palarong Pambansa. The Palaro, however, did not materialize during the current year.

RESEARCH SERVICES

Research as one of the primary functions of the University is done towards the expansion of scientific knowledge and development of appropriate technologies in support to its instructional, extension and production program and in response to the development needs of its service areas.

The Office of the Director of Research (ODR) which serves under the Office of the Vice President for Research and Extension acts as the coordinating arm of the research and development activities of the different institutes/centers, colleges and other units in the University.

In 1988, the research institutes/centers in the University had a manpower strength of 145 distributed as follows: Northern Philippine Rootcrops Research and Training Center (NPRCRTC), 60; Horticulture Research and Training Institute (HORTI), 43; Institute of Highland Farming Systems (IHFS), 15; Highland Agro-forest Institute (HAFI), 24; and Highland Socio-Economic Research Institute (HSERI), 3. Fourteen (14) of these were detailed from the colleges, specifically those with academic ranks while the others were research specialists and supportive personnel.

At present, research resources consist of some 59 hectares of field experimental area, 8 green houses, some laboratory rooms and other buildings, a modest computer service as well as laboratory and field equipment.

For the year 1988, numerous researches were published, completed, conducted, proposed and prepared for implementation. These are

enumerated in the succeeding pages.

Published Researches

In 1988, the different units had the following research outputs published:

Northern Philippine Rootcrops Research and Training Center (NPRRTC).

1. D.X. Khuong and E.V. Bayogan. 1988. Evaluation of Potato (Solanum spp.) for Storability Under High Temperatures. BSU Graduate School Research Journal. 1:33-70.
2. B.T. Bayao, et al. 1988. Cost and Return Analysis of On-farm Potato Production Using Stem Cutting As Planting Materials. BSU Graduate School Research Journal. 1:79-91.

College of Agriculture (CA).

1. E.T. Valdez and D.B. Mendoza, Jr. Influence of Temperature and Gas Composition on the Development of Senescent Spotting in Banana. Philippine Agriculturist. 71(1): 5-12. 1988
2. P.E. Toledo and P. Coolbear. An Evaluation of Hydration-Dehydration Type Pre-Sowing Treat As A Potential Means of Improving the Field Germinability of Celery. BSU Graduate School Research Journal. Vol. 1., 1988
3. D.Q. Casiwan and J.C. Bernardo. Feedlot Fattening of Philippine Native Goats. BSU Graduate School Research Journal. Vol. 1, 1988

College of Home Economics and Technology (CHET).

1. J.K. Avila. Sweet Potato, A Versatile Substitute. Research and Extension Newsletter, April-June 1988, Vol. 4, #2
2. L.C. Balaoing. Nutritional Knowledge and Attitudes in Relation to Dietary Intake of BSU Students. BSU Graduate School Research Journal. Vol. 1.
3. P.F. Lacanaria. Attitudes Toward Clothing Styles of Female College Students of BSU. Graduate School Research Journal. Vol. 1.

4. E.B. Tolentino. Sauerkraut Anyone? Highland Express. Vol. 8, (2)
5. E.B. Tolentino. Research Notes on:
- Minimum Process of Canned Champignon Mushroom Using Still Retort. BSU Graduate School Research Journal. Vol. 1.
 - A Comparison of Rice Wine Using "bubod" Starter and Pure Cultures of "aspergillus oryzae and S. fibuligena. BSU Graduate School Research Journal. Vol. 1.
 - Absorption Isotherms of Dehydrated Chinese and Yantia Gabi and Effects of Cultivar and Dehydration Temperatures on Drying Behavior and Properties. BSU Graduate School Research Journal. Vol. 1.
6. J.K. Avila. Manual on Meat and Fish Preservation. CHET Quarterly, 1988.

Completed Researches

| <u>Title</u> | <u>Researcher</u> | <u>Duration</u> | <u>Funding Agency</u> |
|--|-------------------|-----------------------------|-----------------------|
| <u>Horticulture Research and Training Institute (HORTI)</u> | | | |
| On-farm Testing and Piloting of Garden Pea | FS Borja | Jan 2, 1985 Dec 31, 1988 | BSU |
| <u>Northern Philippine Rootcrops Research and Training Center (NPRRTC)</u> | | | |
| <u>Crop Management</u> | | | |
| Optimizing Soil Nutrient Absorption for Minimal Fertilizer Usage | WL Marquez | 1986-1988 | PCARD |
| Management of Soils in Benguet | WL Marquez | 1988-1988 | BSU-CIP |
| Three Year Assessment of Soil Properties of Intensively-Cropped Soils | WL Marquez | 1986-1988 | BSU |
| Fertilizer Study On Sweet Potato in Old Kaingins | GA Tianza | 1986-1988 | BSU |
| Rooting Performance of Yam Vine Cuttings from Different Vine Portions | PA Dalang | 1987-1988 | BSU |

Crop Protection

| | | | |
|---|--------------------------------------|-----------|-----|
| Fungicide Control of Fusarium solani in Storage | JS Luis | 1987-1988 | BSU |
| Control of Postharvest Disease of Taro In the Highlands | JC Perez/ MB Babac/ BS Backian | 1987-1988 | BSU |

Post Harvest Technology

| | | | |
|--|--|-----------|---------|
| Assessment of Utilization of White Potato Shoots as Food in the Highlands | EV Bayogan/ VB Salda | 1987-1988 | BSU-CIP |
| Assessment of Post- production Practices and Utilization Techniques in Taro and Yam, in the Highlands | HL Quindara/ EV Bayogan | 1987-1988 | BSU-IFS |
| Market Handling Survey in Sweet Potato, Taro and Yam | EV Bayogan/ HL Quindara/ VL Gumpic | 1987-1988 | BSU |
| Storability of Various Potato Germplasm | EV Bayogan/ VL Gumpic/ EB Ticguingan | 1986-1988 | BSU |
| Alternative Methods of Breaking Seed Potato Tuber Dormancy | VB Salda/ EB Ticguingan/ EV Bayogan | 1986-1988 | BSU-CIP |

Socio-economics

| | | | |
|--|-------------------------|-----------|-----|
| Profitability of Table Potato Production Using Stem Cutting | BT Bayao et al. | 1986-1988 | BSU |
| Profitability of Table Potato Production Using True Potato Seeds | BT Gayao et al. | 1986-1988 | BSU |
| Supply and Demand Analysis of White Potato in Benguet, Mt. Province, & Baguio City | BT Gayao/ MM Wallace | 1986-1988 | BSU |
| Assessment of Consumption and Utilization Practice of White Potato Growers in the Highlands | BT Gayao | 1986-1988 | BSU |

HSERIInstitute of Highland Farming Systems (IHFS)

Cropping Schemes

| | | | |
|------------------------------------|----------|-----------------------------|-----|
| Involving White Potato and Gabi | FS Borja | Oct 1, 1982 Dec 31, 1988 | BSU |
|------------------------------------|----------|-----------------------------|-----|

Highland Socio-Economic Research Institute (HSERI).

Technology Assessment for

| | | | |
|---|------------------------|-----------------------------|--------|
| Selected Vegetable Crops Strawberry in Benguet and Mt. Province | HA Francisco et al. | Oct 1, 1986 Oct 31, 1988 | PCARRD |
|---|------------------------|-----------------------------|--------|

Economic Potential of

| | | | |
|--|------------------------|-----------------------------|------|
| Snap Bean Production in the Philippines: An Assessment | HA Francisco et al. | Aug 1, 1987 Mar 31, 1988 | CIAT |
|--|------------------------|-----------------------------|------|

College of Agriculture (CA)

Efficacy of WHIP-S and SHIP-I

| | | | |
|--|-----------|--|-------------------|
| EC Against Grasses Infesting White Potato | ET Balaki | | Hoechst, Phil. |
|--|-----------|--|-------------------|

Efficacy of WHIP-S and WHIP-I

| | | | |
|--|-----------|--|-------------------|
| EC Against Grasses Infesting Head Cabbage | ET Balaki | | Hoechst, Phil. |
|--|-----------|--|-------------------|

Pre-Plant General Weed Control

| | | | |
|--|-----------|--|--------------------------|
| by Various Rates of Spark in White Potato | ET Balaki | | Monsanto, Philippines |
|--|-----------|--|--------------------------|

Pre-Plant General Weed Control

| | | | |
|--|-----------|--|--------------------|
| by Various Rates of Spark in Head Cabbage | ET Balaki | | Monsanto, Phil. |
|--|-----------|--|--------------------|

Efficacy of Hecta Chlorobenzen
on the Control of Plasmodiophora

| | | | |
|---------------------------------------|-----------|--|------------------|
| Brassicacae Infesting Head Cabbage | ET Balaki | | Rango Entrps. |
|---------------------------------------|-----------|--|------------------|

Rural Poverty in Ethno
Community: An Analysis

| | |
|---------------------------------|------------------|
| HA Francisco/ CC Consolacion | Winrock- UPLB |
|---------------------------------|------------------|

Performance of Snapbean as
Influenced by Seed from Different
Plant Portions and Maturity
Stages

| | |
|----------|-----|
| SL Kudan | BSU |
|----------|-----|

| | | |
|--|---------------|------------------|
| Effect of Phosphorous and Potassium Nutrition on the Growth and Fruit Quality of Strawberry cv. Korona | DP Padua | DSE |
| Growth and Dry Matter Accumulation of Strawberry cv. Korona as Affected by Planting Time | DP Padua | DSE |
| Effect of Hormone on Flower and Fruit Development of Strawberry cv. Korona | DP Padua | DSE |
| Biological Control of Bacterial Wilt in Sweet Pepper | LM Villanueva | Ford Found. |
| Integrated Control of Bacterial Wilt in Sweet Pepper | LM Villanueva | Ford Found. |
| Potato Late Blight Disease Management with Ridomil MA 58 WF | LM Villanueva | CIBA-GEIGY Phil. |
| Varietal Screening of Sweet Pepper Against Bacterial Wilt | LM Villanueva | Ford Found. |

On-going Researches

| <u>Title</u> | <u>Researcher</u> | <u>Duration</u> | <u>Funding Agency</u> |
|---|---------------------------|-----------------------------|-----------------------|
| <u>Horticulture Research and Training Institute</u> | | | |
| <u>Vegetable Crops</u> | | | |
| Flower Induction and Seed Production of Chinese Cabbage, Cauliflower and Carrot | PE Toledo/ SL Kudan | Jun 1, 1983 Dec 31, 1989 | BSU |
| Highland Mushroom Research and Development Program | PB Alipit/ BS Tad-awan | Jun 1, 1983 Dec 31, 1991 | BSU |
| Hybridization and Testing of Garden Pea Cultivars | LL Tandang | Jan 2, 1987 Dec 31, 1990 | BSU |
| Integrated Cabbage Research Program | PB Alipit | Jan 2, 1987 Dec 31, 1990 | BSU |

Fruit and Plantation Crops

| | | | |
|--|----------|-----------------------------|----------------|
| Multi-location Trials of Apples in Benguet and Mt. Province | BB Dimas | Jul 1, 1987 Jun 30, 1989 | BSU |
| Apple Development Project | BB Dimas | Apr 1, 1987 Apr 30, 1995 | BSU- PCARRD |
| Crop Protection Studies on Selected Fruit Tree and Plantation Crops in the Highlands | | Jan 2, 1987 Dec 31, 1990 | BSU |
| Crop Protection and Cultural Management Studies on Strawberry | EB Akiew | Jan 2, 1987 Dec 31, 1990 | BSU |

Ornamental Crops

| | | | |
|---|---------------------------|-----------------------------|-----|
| Highland Ornamental Horticulture Research and Development Program | AG Ladilad/ BD Ladilad | Jan 2, 1983 Dec 31, 1990 | BSU |
|---|---------------------------|-----------------------------|-----|

Northern Philippine Rootcrops Research and Training Center (NPRCRTC)White Potato Program

| | | | |
|------------------------------|------------|------------------------------|------------|
| Crop Improvement Program | 12 studies | 1985-1991 | BSU-CIP |
| Crop Management Project | 7 studies | 1988-1991 | BSU |
| Crop Protection Project | 11 studies | 1988-1989(3) 1988-1991(8) | BSU BSU |
| Postharvest Technology Proj. | 3 studies | 1988-1989 | BSU-SAPRAD |
| Socio-economic Project | 2 studies | 1988-1989 | BSU |

Sweet Potato Program

| | | | |
|--------------------------|-----------|------------------------|--------------------------|
| Crop Improvement Project | 5 studies | 1988-1991 | IFS, IDRC, BSU, VISCA |
| Crop Management Project | 6 studies | 1988-1990 1988-1991 | BSU |
| Postharvest Tech. Proj. | 2 studies | 1988-1989 | BSU |

Taro Program

| | | | |
|------------------------------|-----------|--------------|----------------------------|
| Crop Improvement Project | 3 studies | 1988-1989(2) | BSU- 1988-1991(1) VISCA |
| Crop Management | 5 studies | 1988-1990 | BSU |
| Crop Protection Project | 2 studies | 1988-1989 | BSU |
| Postharvest Technology Proj. | 3 studies | 1988-1991 | BSU |
| Socio-economic Project | 2 studies | 1988-1991 | BSU |

Yam and Other Minor Rootcrops

| | | | |
|------------------------------|------------|-----------|---------|
| Crop Improvement Project | 2 studies | 1988-1991 | BSU |
| Crop Management Project | 10 studies | 1988-1991 | BSU |
| Crop Protection Project | 1 study | 1988-1990 | BSU |
| Postharvest Technology Proj. | 2 studies | 1988-1990 | BSU-IFS |

Institute of Highland Farming Systems (IHFS)

| <u>Title</u> | <u>Researcher</u> | <u>Duration</u> | <u>Funding Agency</u> |
|---|----------------------------|-----------------------------|-----------------------|
| <u>Farming Systems</u> | | | |
| Improvement and Development of Farming Systems in Highland Areas/Highland Rural Development Project | KT Dagupen/ PB Alipit | Jan 2, 1983 Dec 31, 1990 | Ford Fdn.- BSU |
| <u>Soil Resources</u> | | | |
| Biology and Culture of Azolla | EK Mamaril RC Tanyag | Apr 1, 1986 Dec 31, 1990 | NAAP |
| <u>Highland Agro-Forest Institute (HAFI)</u> | | | |
| Study on Vegetative Terracing in Agro-Forest Areas | RD Colting/ MD Pandosen | Jun 1, 1982 Dec 31, 1992 | BSU |
| Study on Intercropping/Covercropping on Coffee Pine-Based Agro-forestation Areas | BB Dimas | Jun 1, 1982 Dec 31, 1992 | BSU |
| Evaluation of Agro-forestry Schemes in Benguet | IV Moldez | Jun 1, 1988 Dec 31, 1991 | |

College of Agriculture (CA)

| | | |
|--|---------------|---|
| Performance Evaluation of Growing Finishing Pigs Given Rations of Varying Levels of Energy and Protein | MB Atinyao | |
| Cold Tolerance Experiment on Rice | MD Cadatal | IRRI-BSU |
| Varietal Trial on Cauliflower, Broccoli & Cabbage | MD Cadatal | Allied-Botanical Co. (Fert., Chemicals only) |
| Control of Insect Pest of Cabbages | EV Cardona | Shell Chemical Co./ Transworld Co. |
| Study on Linkages Between Research Technology Transfer | HA Francisco | ISNAR |
| Field Evaluation of RIZOLEX 50 WP Against Clubroot of Cabbage | SP Milagrosa | Shell Chem. Company |
| Field Evaluation of the Efficacy of TERRACLOR Super X Against Clubroot of Cabbage | SP Milagrosa | Uniroyal Chem. Company |
| Control of Diseases of Crucifers | AL Nagpala | BSU |
| Field Evaluation of the Efficacy of Ripost M. Against <u>Phytophthora Infestans</u> in White Potato | LM Villanueva | Hoechst |
| Development of Integrated Control Program for Clubroot Disease of Cabbage | LM Villanueva | Ford Foundation |
| Integrated Control of Fusarium Root Rot in Baguio Bean | LM Villanueva | Ford Foundation |
| Varietal Screening of Baguio Bean Against Fusarium Root Rot | LM Villanueva | Ford Foundation |

College of Forestry (CF)

Design of Project Benefit Monitoring with Built-in Environmental Impact Assessment/
Statement

Jun-Jul 1988 HADP-DA

College of Arts and Sciences (CAS)

Impact of Non-degree
Teacher Training Programs
in the Basic Sciences and
Math on the Rank Promotion
and Teaching Performance of MA Buliyat Aug 1986
Participants Ja Bayogan Aug 1988 PNSS

Proposed Researches and Researches for Implementation

In 1988, a total of 49 research proposals were submitted to different funding agencies by the staff of the research institutes/centers: HORTI-9; NPRCRTC-6; IHFS-d; HAFI-1; HSERI-4; CA-19; CHET-3; CAS-4.

A total of 17 research project proposals had been approved for implementation of which 7 will be implemented through the HORTI, 4-NPRCRTC, 3-IHFS, and 3-HSERI.

Manpower Development

Manpower development is a main concern of the research units of the University to upgrade the capabilities of researchers by exposing them to modern trends and advanced methodologies.

For the year 1988, there were 17 research personnel sent to pursue masteral degrees and 5 personnel sent for doctoral studies. Researchers also attended relevant seminars, workshops, conferences and trainings here and abroad. Some of these were:

1. Collaborative Vegetable Research in Southeast Asia, AVRDC, Taiwan.
2. Sweet Potato Production and Processing Workshop, VISCA-Department of Trade and Industry.
3. Sweet Potato Research Methodology Seminar Workshop, VISCAR-IDRC.
4. Trainors' Training in Farming System Research and Extension, NTC-ATI.

5. First RACO Workshop-Conference, NTC-ATI.
6. Agricultural Research Management Enhance Course - BAR, DA.
7. Asian Potato Association Workshop in China, CIP.
8. International Society for Tropical Rootcrops Symposium, ISTRC-CIP-IDRC.
9. 4th ECSSP Annual Scientific Convention, Davao City.
10. International Rural Sociology Association Congress, Bologna, Italy.
11. Congress on Socio-Sciences, PSSC, Quezon City.
12. Seminar-Workshop on Agro-Forestry, PCARRD

Physical Resource Improvement and Linkages

From the existing physical resources, efforts were made by the different research units to upgrade laboratories, greenhouses and other resources. In 1988, repairs were done to restore the optimum use of the following:

1. Crop Protection Greenhouse
2. Mushroom Greenhouse, Growing House and Laboratory Building
3. Floriculture Greenhouse
4. NPRCRIC Greenhouses

The NPRCRIC was also able to acquire additional equipment to upgrade its present capabilities. These were:

- 1 unit binocular microscope
- 1 unit top loading electronic balance
- 3 units humidity-temperature indicator
- 1 unit gas analyzer indicator
- 2 units 135 mm Camera
- 1 unit Cassette Recorder
- 1 unit 50 kg capacity weighing scale
- 2 units CPU/IBM PC Computer
- 2 units refrigerator
- 1 unit force-draft oven
- 1 unit 4hp engine water pump

Collaborative linkages were also forged/maintained by the research units, with the following agencies:

Philippine Council for Agriculture, Forestry and Natural Resources and Development (PCARRD)
 International Foundation for Science (IFS)
 International Development Research Center (IDRC)
 International Center for Tropical Agriculture (CIAT)
 International Potato Center (CIP)
 Southwest Asian Potato Program for Research and Development (SAPPRAD)
 Food and Agriculture Organization (FAO)
 Winrock International
 Institute of Plant Breeding (IPB)
 Other research and development institutions

Research Income

HORTI

| <u>Commodity</u> | <u>Research Leader</u> | <u>Amount (P)</u> |
|------------------|------------------------|-------------------|
| Vegetables | PA Alipit | 6,985.75 |
| Vegetables | LM Colting | 5,000.00 |
| Vegetables | LL Tandang | 2,134.00 |
| Ornamentals | AG Ladilad | 1,331.00 |
| | Sub-total | 15,450.75 |

NPRCRTC

| | | |
|------------|-------------|----------|
| Root Crops | c/o JS Luis | 4,580.00 |
|------------|-------------|----------|

HAFI

| | | |
|--------|-----------|------------------|
| Coffee | BB Dimas | 23,596.00 |
| | T O T A L | <u>43,626.75</u> |

Affiliate Agencies

Highland Agriculture and Resources Research and Development

Consortium (HARRDEC). The HARRDEC is a BSU-based coordinating

body of research and development activities of member-agencies.

It had the following activities:

1. Conducted the regular quarterly meeting of the Regional Research and Development Coordinating Committee (RRDCC) where policies, issues, directions and plans concerning the administration of the Consortium were discussed.
2. Conducted the in-house research review and the Regional Integrated Research and Development Review and Planning Workshop where on-going and completed researches of member-agencies were evaluated. Researchable areas for development were identified.
3. Updated survey on research capabilities of member-agencies.
4. Renewed Memorandum of Agreement among member-agencies.
5. Published quarterly publication of the Highland Express.
6. Prepared for publication the Snap Bean and Carrot Technoguides and Manuals for cabbage and carrot production and sericulture.

Highland Crops Research Station (HCRS). The HCRS is jointly managed by the BSU and IPB. Its activities in 1988 were:

1. Germplasm Introduction, Preliminary and Advanced Evaluated of White Potato for High Elevation
2. Multiplication System for White Potato
3. Snap Bean Breeding Program
4. Breeding Program for Crucifers

EXTENSION SERVICES

The extension programs of the University are coordinated by the Office of Director of Extension which functions under the Office of the Vice President for Research and Extension. Extension services are principally geared towards the promotion of appropriate technologies for the improvement of the quality of life in the rural areas.

Extension and training activities are operationalized through the different research and training institutes/centers, and through the different colleges and units in the University.

In 1988, a total of six (6) personnel with academic ranks were detailed in the Extension Office with one (1) support personnel.

Some of the resources utilized for extension activities are the experiment and production farms of the University for field visit and demonstration purposes, laboratories of the University for diagnostic and analytical purposes, and the facilities of the ATI-NTC for training activities.

For the year 1988, the Extension Office undertook various training programs and outreach projects in different fields and was able to serve several persons needing assistance in the following:

| <u>Skills Training Program</u> | <u>Number of Persons Assisted</u> |
|---------------------------------------|-----------------------------------|
| a. Cooperatives | 124 |
| b. Swine Production | 135 |
| c. Food Processing/Preservation | 90 |
| d. Sericulture | 40 |
| e. Coffee and White Potato Production | 50 |
| f. Farming Systems | 50 |

Outreach Projects

- a. Development project on handicrafts - La Trinidad, Benguet (BSU-ATI-Canadian Government)
- b. Income generating projects - Besao, Sagada and Mt. Province (BSU-ATI-CARE Philippines)
- c. Organic Farming
- d. Highland Farming Systems
- e. Bamboo Production
- f. Establishment of pilot villages for research and development
- g. Reforestation Project - Seedling Dispersal (Arabica Coffee- 800, guava-300, mahogany-1,800, bamboo-100)

| <u>Other Services Rendered</u> | <u>Number of Clientele Served</u> |
|---|-----------------------------------|
| a. Crop Protection | 30 |
| b. Animal parasite and disease prevention and control | 45 |
| c. Soil analysis, fertility improvement and maintenance | 65 |

Extension Publication

- a. BSU Update - monthly issues

Northern Philippine Rootcrops Research and Training Center (NPRRTC)

- a. White potato stem cutting distribution (30,000 pieces)
- b. Sweet potato and ubi processing technology training course (30 participants)
- c. White potato production training course (84 participants)
- d. Workshop on highland white potato research and development and seed technology (60 participants)
- e. Farmers' training on ubi production (90 participants)
- f. Farmers' training on mushroom production with rootcrops wastes materials as substrate (100 participants)
- g. Farmers' training on production of white potato and other vegetables
- h. Orientation training in farming systems research and extension

Publications and Media Services (PMS)

The PMS provided assistance to the research and extension units of the University in technology packaging and information dissemination through different information media.

It also extends editorial and clerical assistance to individuals

or groups in the University in their publication activities. For the year 1988, the Office published one issue of the BSU Graduate School Catalogue, helped other offices in binding and printing jobs, edited student theses and did extension work with civic organizations.

College of Agriculture (CA)

The faculty and staff of the College of Agriculture were involved through various roles in the following extension works:

| Extension Work/Activity | Personnel No. | Involved/ Role | Duration/ Place | Type of Clients |
|---|---------------|----------------|---------------------------|----------------------------|
| Postharvest Handling & Storage of Potato & Gabi | 1 | Lecturer | 4days/ NPRCRTC- BSU | Farmers |
| Rootcrop Utilization | 1 | Lecturer | 5 days | Farmers & Technicians |
| Harvest/Postharvest Operations | 1 | Trainer | 11 days PCARRD | Technicians |
| Farmers' Training Course | 1 | Speaker | 1 day Mt. Prov. | Farmers |
| Ubi Production | 1 | Speaker | 1 day Sablan | Farmers, Benguet |
| Vegetable Trng. Course | 1 | Speaker | 1 day N. Vixcaya | Farmers |
| Vegetable & Swine Production | 1 | Lecturer | 4 days Mt. Prov. | Farmers & Technicians |
| Honeybee Culture | 1 | Lecturer | 3 days DA, Benguet | Farmers |
| Agriculture Training | 1 | Lecturer | 3 days Mt. Prov. | Farmers, Faculty, Empee |
| Fertilizer & Water Management of Vegetables | 1 | Lecturer | 3 days NIA, Benguet | |

| | | | | |
|---|-------|------------|---|--|
| Visitation & Technical Assistance | 1 | Consultant | Sablan, Benguet | Vegetable Farmers |
| Breakthroughs in Highland Vegetable and Rootcrops | 1 | Lecturer | 7 days DA, CAR | Subject matter specialists |
| Laboratory Exercises | 4 | Trainers | BSU | HADP Personnel |
| Soil Sample Analysis | Dept. | Dept. | From time to time | Local Farmers NPRCRTC, other BSU units, etc. |
| Cooperative Education Training | 6 | Trainers | Jan-Jul BSU | Fac. & Staff |
| Livestock & Poultry Production | Dept. | - | 1 day | Farmers, dealers, fac., veterinarian |
| Artificial Insemination | Dept. | Experts | Benguet | Farmers |
| Breakthroughs in Livestock Production | 1 | Lecturer | 1 day BSU | Sub. matter specialists |
| Livestock & Poultry Management | 1 | Lecturer | 1 day NIC-API | Sub. matter specialists |
| Swine Raising & Management | 1 | Lecturer | 4 days Baguio, Benguet, Mt. Province | Farmers |
| Insect Pest and Protectors | - | - | 1 day La Trinidad Benguet | Farmers |
| Hand Knitting | - | - | Jan-Feb-Mar Camp Dangwa, Irisan | |
| Sericulture & Mulberry Production | - | - | BSU-NIC | |
| Fruit & Vegetable Production | - | - | 12 days/Baguio and Benguet | |
| Crop Development Training | - | - | 5 days NIC | Sub. matter specialists |
| Insect Pests and Disease of Selected Vegetables | 2 | Speakers | 1 day Benguet | Sub. matter specialists |

College of Teacher Education (CTE)

1. Served as lecturer consultant to students' organizations, University and community professional groups.
2. Conducted seminars and trainings for student leaders.
3. Conducted Leadership Training Course for FFP-FAHP advisers.
4. Co-sponsored and coordinated: (1) Leadership Training for Science Club Advisers, Regional Science Fair and Quiz, Regional Math Olympiad, Provincial Scout camporees.

College of Arts and Sciences (CAS)

The Extension services rendered by the College were the following:

1. Statistical assistance in thesis work and researches.
2. Editing assistance in thesis outline and manuscripts.

College of Veterinary Medicine (CVM)

1. The faculty and students vaccinated dogs against rabies, swine against hog cholera, cattle against FMD/Blackleg in the different barangays of La Trinidad, Benguet and nearby communities.
2. Examined fecal, blood and urine samples from faculty, employees and students of BSU, and other people who needed such services.
3. Acted as lecturers on: (a) Diseases and Parasite Control in Bontoc, Mt. Province, (b) Integrated Farming System (Livestock and Poultry) Kiangnan, Ifugao.

College of Applied Engineering and Technology (CAET)

Extension activities of the College were concentrated on the training of out of school youth (OSY) conducted in collaboration with the People Electronic Services Center whereby a radio technician course was offered on Saturdays and Sundays which later included TV Servicing Course.

College of Forestry (COF)

1. Produced a paper entitled "Agroforestry Practices in Region I," during the Training Workshop on Agroforestry and Soil and Water Conservation, PCARRD, Los Baños, Laguna. The paper was also published in the Highland Express, January-June, 1988 issue.
2. Organized the communities of Wangal and Talinguoy in preparation of the project implementation of the planned cooperation between Benguet State University and Highland Pilipino, Inc. regarding the utilization of BSU reservation for Moriculture.
3. Conducted yearly summer review for Foresters' Board Exams.
4. Year round seedling dispersal.

College of Home Economics and Technology (CHET)

Faculty members were involved in extension services of the University either as a coordinator or resource speakers. These activities were:

1. Nutrition Program for Benguet through the Provincial Nutrition Council (On-going).
2. Sweet Potato and Ubi Technology Training Course (May 31-Jun 1988).
3. Maggi Cookfest (June-August 1988)
4. There are 30 trainees who were awarded certificates. Culinary Arts and Food Processing Training Course for PMA Staff and Office Wives (August-November, 1988).
5. Nutrition and Food Processing Study Tour of Bangladeshi FNP Participants (November 5, 1988)
6. Cosmetology and Clothing Project (On-going).

Secondary Department

The Secondary Education Training Department co-sponsored and coordinated in the following programs conducted here in BSU.

1. Leadership Training Course for FFP-FAHP Advisers
2. Regional Science Fair and Quiz

3. Regional Math Olympiad
4. Regional Training for Science Club Advisers
5. Provincial Scout Camporee

Manpower Development

In 1988, two (2) extension personnel were sent to pursue masteral degrees and three (3) for doctoral studies. Personnel engaged in extension work also attended training courses to strengthen their extension capabilities as follows:

1. International Course on Technology Transfer, Ruffin Institute of Agriculture, Israel.
2. Diploma Programme in Rural Policy and Project Manning, Hague, Netherlands.

AGRIBUSINESS PRODUCTION

Agribusiness production is an important function of the University. The function is implemented through the Business Affairs Division (BADI) which coordinates and supervises income-generating projects of the University.

For the year 1988, the BADI:

1. Conducted meetings of the Business Affairs Council;
2. Allocated areas to different farming activities of the University;
3. Monitored crops planted, harvests and remittances of project managers;
4. Consolidated reports on area planted, harvests and remittances;
5. Supervised the activities of the division personnel including production managers and farmers;
6. Initiated the construction of a shed house in the swamp area for monitoring personnel of the division and being utilized as a guard house to protect crops from being stolen;
7. Initiated the placement of a culvert in the swamp area as an initial improvement of the drainage and irrigation problem which is benefiting students, faculty and staff and farmers of the University; and
8. Started negotiating with San Miguel Corporation, Magnolia Division to market strawberry produce and funding of strawberry production for the University.

Table 11 presents the revolving fund projects and the amounts remitted by each of the projects for the year 1988.

The projects registered a combined net income of ₱1,052,689.29 for the year under review. The Cafeteria registered the highest net income amounting to ₱714,946.81 followed by the Food Processing Center and the Bakery, with net incomes of ₱274,004.41 and ₱257,468.33 respectively. Five (5) other projects registered modest net incomes while seven (7) others registered losses due to manpower turn-over, decrease in volume of business, renovations and other circumstances.

Table 12, on the other hand, shows the income remittances which were directly sent to the National Treasury. The five projects registered a combined remittance of ₱268,877.00; for a 16% increase over 1987. While there was an increase in remittances by the Guestel and the dormitories, decreases were observed in the Sariling Sikap, BAPA Inc., SWAVIS-GRASS, Inc. and Research Remittances.

Table 13 shows the crops and their corresponding volume of harvests and values as monitored by the Business Affairs Division.

Table 11. Revolving Fund Projects, 1988.

| P R O J E C T | Gross Income | | Expenses | Net Income |
|--------------------------------|--------------|--------------|--------------|---------------|
| | 1988 | | | |
| Cafeteria | ₱ | 1,957,400.07 | 1,242,453.26 | 714,946.81 |
| Bakery | | 570,163.31 | 312,694.98 | 257,468.33 |
| Poultry | | 57,195.35 | 74,532.10 | (17,336.75) |
| Floriculture (c/o Mr. Ladilad) | | 60,944.46 | 152,827.28 | (91,882.82) |
| (c/o)Mrs. Tandang) | | 4,658.00 | 8,500.61 | (3,842.61) |
| Piggery | | 83,466.30 | 75,147.55 | 8,318.75 |
| Cattle | | 15,690.41 | 3,991.00 | 11,699.41 |
| Mushroom | | 19,244.19 | 7,675.83 | 11,568.36 |
| Agro-Forestry (c/o Mr. Dimas) | | 72,955.40 | 107,148.57 | (34,193.17) |
| Pomology (c/o Mr. Tipayno) | | - | 48,065.00 | (48,065.00) |
| (c/o Mr. Dimas) | | - | 43,237.02 | (43,237.02) |
| Agri-Farm Products | | 520,743.30 | 482,723.24 | 38,020.06 |
| Chayote Project | | 1,119.30 | 26,042.93 | (24,923.63) |
| Marketing Center | | 15,020.00 | 14,875.84 | 114.16 |
| Food Processing Center | | 1,001,285.03 | 727,280.62 | 274,004.41 |
| T O T A L | ₱ | 4,379,885.12 | 3,327,195.83 | 1,052,689.29 |

Table 12. Projects whose income were remitted directly to the National Treasury.

| P R O J E C T | Project Manager | Amts. Remitted | | DIFFERENCES |
|---|-----------------|----------------|-------------|--------------------------|
| | | 1987 | 1988 | Increase-Decrease |
| Sariling Sikap: (BAPA Inc., SWAVIS, GRASS Inc.) | c/o A Dimas | ₱179,084.00 | ₱143,328.25 | ₱35,755.75 |
| Guestel | F Lumerio | 32,761.40 | 71,844.00 | ₱39,082.60 |
| Ladies Dorm | L Pladio | 2,875.00 | 28,525.00 | 25,650.00 |
| Men's Dorm | A Fagyan | - | 13,325.00 | 13,325.00 |
| Research | P Alipit | 17,065.00 | 11,854.75 | 5,210.25 |
| T O T A L | | ₱231,785.40 | ₱268,877.00 | ₱78,057.60 ₱40,966.00 |
| N E T | | | | ₱37,091.60 |

Table 13. Name of crops, number of kilos harvested and values of Harvests.

| C R O P | No. of Kilos harvested | Value of harvests | Average values per kilo/dozen |
|------------------|--------------------------------|-----------------------------|----------------------------------|
| Strawberry | 88,986.50 | ₱ 1,805,710.00 | ₱ 20.29 |
| White Potatoes | 22,619.00 | 153,079.00 | 6.77 |
| Lettuce | 24,405.00 | 116,287.00 | 4.76 |
| Cabbage | 28,269.00 | 76,454.00 | 2.70 |
| Celery | 7,896.00 | 50,073.00 | 6.34 |
| Chinese Cabbage | 4,913.00 | 43,434.00 | 8.84 |
| Green Onions | 2,866.00 | 32,817.00 | 11.28 |
| Sweet Peas | 2,570.00 | 29,163.00 | 11.35 |
| Beans | 5,508.00 | 28,661.00 | 5.20 |
| Carrots | 11,810.00 | 27,097.00 | 2.29 |
| Tomatoes | 2,810.00 | 12,370.00 | 4.40 |
| Assorted Flowers | 1,139.00 doz | 6,834.00 | 6.00/dozen |
| Zuchini | 700.00 | 4,186.00 | 5.90 |
| Raddish | 1,613.00 | 2,485.00 | 1.54 |
| Pechay | 725.50 | 2,354.25 | 3.25 |
| Sweet Pepper | 293.00 | 1,085.00 | 3.70 |
| Broccoli | 41.00 | 615.00 | 15.00 |
| Chayote | 77.00 | 308.00 | 4.00 |
| Gobo | 35.00 | 210.00 | 6.00 |
| Cucumber | 102.00 | 153.00 | 1.50 |
| Sugar Beets | 25.00 | 125.00 | 5.00 |
| Parsley | 10.00 | 30.00 | 3.00 |
| TOTAL | 206,274.00 kgs 4,139.00 doz | ₱2,386,196.25 , 6,834.00 | |

GENERAL ADMINISTRATION

The general operations and administration of the University is undertaken through the Office of the University President and Vice President while the supervision and control of the different financial offices and specific services are under the Vice President for Administration.

The Administration strives to promote effectiveness, efficiency and economy in the planning, implementing and monitoring of the administrative and financial aspects of the University. It is also responsible in maintaining an integrated control system and efficiency in the management and conduct of operations and delivery of goods and services to University clientele. It sees to it that maximum utilization and maintenance of the University resources are enhanced, public accountability is inculcated and harmonious working relations is maintained.

Office of the University Vice President (OUVP)

The Office of the University Vice President is charged with the responsibility of assisting the President on the over-all administration and supervision of the University operations and in coordinating and supervising the activities of the Offices of the Vice Presidents for Academic Affairs, Research and Extension, and Administration; the Planning and Development Office and the Land Reservation Office. Providing assistance to this Office are the Legal Office, Security Office and the various councils and committees.

The Office was given authority to approve vouchers and checks with amounts of ₦1,000 to ₦25,000; sign clearances of faculty members and employees, approve activity permits of students; approve travel orders of Deans/Directors and those with lower ranks; requisition and issue vouchers (RIV), and local canvass in an effort to minimize red tape. The University Vice President also conducted meetings with concerned offices to improve the processing of communications and requisitions. He also strictly implemented CSC rules on the recruitment of employees for vacant positions in his capacity as chairman of the Recruitment and Promotion Board.

Better internal relationship was promoted through consultations with some colleges and offices on the designations/re-designations of their respective deans/directors/heads; conduct of regular conferences or dialogues with student leaders to discuss problems and recommendations for the improvement of student services.

Other activities of the OUVF for the year 1988 included the following: (a) negotiated for a regular grant to BSU for a technical agriculture training slot in Japan, (b) obtained regular book donations from the British Council, (c) organized the BSU Development Foundation to assist the University in its educational, cultural, scientific and sports development, (d) participated in various civic and community activities, (e) headed and participated in several special and adhoc University committees.

Planning and Development Office (PDO) The PDO coordinates with various offices of the institution in planning, monitoring and evaluating programs, projects and activities in the institution in line with the goal of working towards a stronger institutional commitment and development.

For the year 1988, the Office coordinated planning sessions among the different units of the University in the formulation of the Six-Year Development Plan for 1988 to 1993. The Office provided technical support in the preparation of the plan and worked on its final form. Copies of this plan were distributed to members of the Board of Regents and to agencies needing them.

The Office also compiled, prepared and printed the annual accomplishment report of the University as required by the University Charter. Copies of this report were given to different units in the University, the Secretary of the Department of Education, Culture and Sports, the NEDA and other agencies.

The Office also assisted in preparing a feasibility study which was eventually used by Congressman Samuel Dangwa as his reference in filing a bill on the reopening of the former College of Nursing at Baguio General Hospital. This proposed College of Nursing will be based at Benguet State University.

The Office did other works, such as updating and providing interested offices and individuals with useful, timely and relevant data for decision making, and data about the University.

This Office assisted also some units in refining development projects and submitted them to funding agencies for possible implementation. Some development and research project proposals were also prepared by this Office and were sent to funding agencies for implementation.

The task of evaluating the different working committees during the 1988 Commencement program was done by this Office. A written report on the said evaluation was submitted to the Executive Vice President as basis of improving committee work in the future.

Legal Office. The Legal Office attended to some cases involving the welfare of the University and its constituents during the year. The specific court cases included a civil case for ejectment, various civil cases for recovery of possession, a civil case regarding petition to declare a decision null and void, and two administrative cases.

The Legal Office also rendered assistance to the Office of Student Affairs regarding problems involving students, provided legal assistance to various offices and committees in the University and participated in the Pre-Qualification, Bids and Awards Committee (PBAC) of the University including contracts with third parties.

Land Reservation Office. The Land Reservation Office is responsible for the establishment of definite boundary lines and technical descriptions of the landholdings of the University. It also initiates proper land utilization, distribution and acquisition for the University.

The Office investigated incidence of squatting and illegal cutting of trees within the University reservation, assisted the Legal Office in court cases involving University sites and personnel and provided information to offices requesting them. It's main task for the year was to assist the University President in following up BSU's protest regarding the implementation of LOI 1275, specifically on the resurveying of contested land areas.

For the year 1988, the LRO represented the University along with the Legal Office in pending court cases on land registration involving about 10 hectares, recovery of possession involving a land area of some 80 hectares, a petition to declare a decision null and void involving a land area of 0.5 hectare and an ejection case involving a land area of one hectare.

Similarly the Office was busy dealing with squatting problems, specifically involving two lots covering land areas of 42.7 and 34.4 hectares which were earlier decided by court as University reservations.

Office of the University Board of Regents Secretary (OUBRS):

The OUBRS is an indispensable arm of the University Board of Regents as it takes notes of the proceedings, results and actions taken in all Board of Regents meetings.

In 1988, the Board of Regents held seven (7) meetings during which it passed and enacted seventy-three (73) resolutions related to policy, personnel actions, allocations and management of fiscal

support and such other administrative matters that bear on various academic program, research, extension, special projects and production activities of the University. Some salient resolutions are as follows:

The Board of Regents acted on the following proposals and recommendations of the University:

1. Approved the separation/elevation of the department of Technology from the College of Teacher Education (CTE) to a new College: College of Home Economics and Technology (CHET), effective School Year 1988-1989;
2. Approved a Revised Curriculum for the Bachelor of Science in Agricultural Education (TPAE) for Elementary Level, effective SY 1988-1989;
3. Approved, subject to clearance from the Board of Higher Education, the offering of a Master of Management major in Agricultural Resource Systems, Educational Administration, Public Administration, Human Resource Development, and Agricultural Business Management; and
4. Approved the graduation of 720 candidates from all levels of the academic programs; Graduate, Undergraduate - Baccalaureate and Non-degree Programs, Secondary, and Elementary, as of the end of the second semester of SY 1987-1988, and first semester of SY 1988-1989.

Budgetary/Fiscal Support and Managoment.

The Board of Regents approved the Internal Operating Budget of the University for CY 1988 in the total amount of ₱30,250,000; ₱26,050,000 of which was for the Maintenance and Operating Expenses (MOE) and Personal Services, and ₱4,200,000 for Capital and Equipment Outlays. The Capital Outlay was used for the construction of permanent structures and purchase of laboratory equipment and books, as follows:

| | |
|--|------------|
| a. Library Complex Phase II-B | 497,278.13 |
| b. Poultry House-Continuation | 175,380.49 |
| c. Elementary Building-Ground Floor | 182,947.38 |
| d. Veterinary Medicine Building | 296,227.65 |
| e. Repairs on existing buildings, classrooms and laboratory facilities . . . mostly undertaken by the administration | |

Administrative actions which got the approval of the Board of Regents include the following:

- a. Establishment of a Regional Cultural Heritage Study Center at the main campus of the University;
- b. Purchase of the Residential house of Mr/Mrs. Andres C. Mamaril at ~~171,000~~ which is converted into a dormitory, housing some foreign students;
- c. Establishment of a PNB Branch at the main campus of the University;
- d. Increase of out-of-state fees in the Graduate School, the proceeds of which are for the purchase of books and magazines and much needed periodicals; and
- e. Step up the collection of production-income through proper survey and delineation of areas used for production, the sariling sikap projects.

Administrative Council

The Administrative Council held five (5) meetings during the year under report.

On its first meeting on March 2, 1988, it promulgated resolutions on the establishment of a Regional Heritage Study Center at the main University campus; formulation of guidelines on professorial chairs; the creation of Adhoc Committee tasked to come up with a "Primer on BSU Land Utilization Policy."

The second meeting on June 2, 1988, was held to clarify issues

about development plans of proposed units, institutes, or sub-units to be under a duly organized department or division. Two examples were cited: the proposed Institute of Vocational Technology under CAET and the proposed Institute of Cordillera Administrative and Development under the CAS.

The third meeting on the 28th of July, 1988 came up with the following recommendations: that the University take a hard line stand against the encroachment/squatting on school reservation; the hiring of Legal Consultant in view of the leave of absence of the University Legal Officer; the establishment of a liaison office of the University in Metro Manila; seek clarification on the legal basis for the grant of the incentive pay and reclassification/upgrading of the positions of the non-teaching group in view of the elevation of the then MSAC to BSU.

On its fourth meeting on October 14, 1988, the Council formulated and recommended acceptable process for the date, time and mode for university personnel to get their pay on each pay-day. The second action taken was recommending a university stand on the mode, amount, and officials to be involved in the annual contribution to the "Scout Officials for a Day" (SOFAD).

On its last meeting on December 21, 1988, the Council trimmed and recommended the budget proposal for the support of the University delegation to the Regional SCUAA; prioritized and recommended the construction of permanent fixtures funded under the 1988 Capital Outlays of the University; and discussed and recommended the formulation of qualification standards for Science Research Positions as requested by the Civil Service Commission.

University Council. The University Council had two (2) meetings during the year under report. During these meetings, the Council passed and recommended to the Board of Regents for approval the graduation of 623 candidates from the various curricular offerings of the University as of the end of the second semester, SY 1987-1988, and 97 as of the end of the first semester, SY 1988-1989, or a total of 720 graduates distributed as follows:

| | |
|--|------------|
| 1. Elementary Training Department | 132 |
| 2. Secondary Laboratory Department | 188 |
| 3. Non-degree Short Collegiate Courses | 25 |
| 4. Baccalaureate, Masteral, Doctoral Program | <u>375</u> |
| T O T A L | <u>720</u> |

Office of General Services and Physical Plant. This division coordinates the janitorial, plumbing and sewerage, repair and maintenance, campus landscaping and ground improvement, electrical, maintenance of office machines and other services.

The Janitorial services rendered included the usual upkeep of the buildings, classrooms, offices, comfort rooms and surroundings of the University. The janitors acted also as messenger-carriers of important communication letters. The janitors assisted also in the mimeographing of test papers, communications and other official correspondence.

Plumbing and sewerage services rendered were the installation of pipes, faucets, gate valves, and other plumbing accessories in the different buildings of the University. Septic tanks were

constructed in the newly constructed building at the Floriculture and Vo-Ag buildings. The toilets in some of the buildings were also repaired.

Campus landscaping and ground improvement projects included the hauling of soil for ground improvements, gravelling of ground, filling up of potholes in the ground, construction of humps along the road within the campus, landscaping of the frontage of the administration, cleaning and maintaining of flower boxes, lawns and pathways. Likewise, pruning of trees along the campus road was done by this Office through its manpower personnel.

For repair and maintenance, the Office did varied major and minor repairs in the thirteen (13) buildings of the University. The buildings and grounds were also maintained through the services of the janitors, plumbers, electricians, carpenters and other laborers under the said Office.

The electrical services rendered involved the replacement of busted bulbs and fluorescent lamps in most buildings and streets in the school campus. Repairs of electric outlets, installation of electric lines were also done.

This Office provided the sound system in all programs, meetings, seminars, etc. held in the University. Other problems related to electrical services were also attended to.

The motor pool took charge of the usual repair and maintenance of vehicles and machineries. It also took the responsibility of

servicing personnel and staff by providing transportation to them during seminars and meets. The mowing of the school grounds was also taken care of by this Office.

The other services rendered by this Office were the construction of 12 tables for the conference room, put toilets and bathrooms for the participating delegates during athletic meets and conventions and other varied construction services.

One Office under the General Services and Physical Plant Division is the Plans, Designs and Physical Plant Section. This Office takes charge of making plans and designs for all new constructions. For 1988, seven (7) infrastructure project were approved for construction. These infrastructure projects are:

1. Library Phase II-C

Scope of Work: earth works, concrete works, masonry, carpentry, windows, grilles, hardware, electrical, electronics and sound system, interior painting.
 Contract Price: ₱512,481.60
 Contractor: Curimao Integrated Builder Corp.
 Date Started: January 10, 1989
 Completion Time: 90 Calendar days

2. Library Phase II

Scope of work: Interior and exterior painting
 Contract price: ₱79,500.00
 Contractor: GA Vergara Construction
 Date Started: November 24, 1988
 Completion Time: 45 Calendar days

3. Veterinary Medicine Building Phase I (partial structural)

Scope of work: Concrete works, roof framing, roofing works, carpentry, tinsmithing, plumbing works (partial)
 Contract price: ₱1,312,076.20
 Contractor: Capuyan Construction
 Date Started: December 28, 1988
 Completion Time: 180 Calendar days

Technical Specifications:

Total floor area 1,615.50 sq. mts.
 Total height 15.30 mts.
 No. of floors 3 floors
 Type of construction Reinforced concrete, GI roofings,
 wooden truss

FIRST FLOOR:

1. Microbiology laboratory
2. Hispathology laboratory
3. Physio-Pharmacology laboratory
4. Parasitology laboratory
5. Surgery laboratory
 - a. Two scrub rooms
 - b. Starway
 - c. Janitor's room
 - d. Men's toilet
 - e. Ladies toilet
 - f. Corridor

SECOND FLOOR:

1. Big lecture hall
2. Lecture room
3. Deans Office with:
 - a. Secretarial pool
 - b. Receiving room
 - c. Storage room
 - d. Dean's toilet
4. Stairway
5. Men's toilet
6. Women's toilet
7. Corridor with fire escapes

THIRD FLOOR:

1. Two regular classrooms
2. Library with book shelves room, comfort rooms
3. Six individual faculty room with toilet (men and women)
4. Women's toilet
5. Men's toilet
6. Stairway
7. Corridor with fire scapes

4, Home Management Building-partial completion

Scope of work: earthworks, concrete and masonry works,
 carpentry, tileworks, plumbing, electrical, roof
 framing and roofing

Contract price: ₱547,782.95

Contractor: Curimao Integrated Builders Corporation

Date Started: January 10, 1989

Completion time: 90 calendar days

Technical Specifications:

Total floor area 281.50 sq. mts.
 Total height 9.20 mts.
 No. of floors 2 floors
 Type of construction Concrete, wooden, flooring,
 GI roofings

FIRST FLOOR:

1. Living room
2. Dining room
3. One Visitor's toilet and shower
4. Kitchen
5. Three bedrooms: with toilet and bath
6. Stairs

SECOND FLOOR:

1. Four bedrooms with toilet and bath
2. Hall
3. Storage
4. Office

5. IPB Greenhouse Extension

Scope of work: civil works, concrete works, carpentry works, glass, GI flashing, roofing, GI clips, steel truss, steel prolins, ridge ventilator, steel plates, hardware, electrical, plumbing

Contract price: ~~₱~~110,953.10

Date Started: December 01, 1988

Completion time: 75 Calendar days

Technical Specifications:

Total floor area 75 sq. m.
 Total height 5.10 sq. m.
 Type of construction Concrete structural, steel truss,
 glass roof
 Area Use for planting seedlings

6. Poultry (2) - Two units of layer house

Scope of work: concrete works, carpentry works, form lumber and scaffoldings, roofing and tinsmithing, hardware, cages, electrical and plumbing works

Contract price: ~~₱~~650,000.00

Contractor: F. Dimacali

Date Started: February, 1989

Completion time: 45 Calendar days

Technical Specifications:

Total floor area 282.24 sq. mts. elevated, 1.50
above the ground
Total height 6 meters
Bird capacity 3,300 birds/unit
Type of construction Wooden, elevated at 1.50, GI roofings
Area Cages for layers

7. Research Laboratory Building (EDPITAF Project)

Scope of Work: earthwork, form works, concrete works,
masonry work, roof framing and roofing, carpentry works,
cabinets and computer table, shelves, plumbing, electrical,
gas pipeworks, finishing

Contract price: ~~777,777.00~~

Completion time: 150 Calendar days

Contractor: not yet awarded

Technical Specifications:

Total Floor area 226 sq. mts., enclosed
Total height 9 meters
No. of floor 1 floor with provision for a
basement
Type of construction Reinforced concrete, GI roofing

FLOOR AREAS:

1. Plant science laboratory
2. Animal science laboratory
3. Director's office with toilet
4. Staff office with toilet
5. Computer room
6. Two storage areas
7. Receiving room
8. Toilets
9. Entrance porch

Property and Supply Management Services. The Supply and Property Management Services manages the supply and property operations of the University and develops an effective system that promotes efficiency and economy in the supply operation of various projects, with the end in view of attaining efficient services and a sound procurement program and accountability.

The Office activities include requisition, purchasing, inventory-keeping, storekeeping, maintenance and disposal actions.

During the year, there were 718 requests from different Colleges and Offices of the University for the purchase of supplies, materials and equipment needed in their respected projects. A total of 709 local canvass were processed of which 867 purchase orders were recommended and approved.

The annual inventory of accountable properties were conducted twice for properties funded under the General fund, special account and the revolving funds. Other donations were likewise inventoried.

There are 811 items of unservicable properties which were properly disposed and condemned, so that the total value of these properties in the amount of ~~7~~98,675.95 were deducted from the accountabilities of responsible officials in the University.

Personnel and Records. The Personnel and Records Division is responsible for personnel and records management.

As in the previous years, the personnel services centered on personnel actions involving appointments, welfare services and

personnel research. The division prepared and updated appointments, and notices of salary adjustments, processed personnel leaves and employee benefits, checked daily time records and maintained personnel records and reports. The Record Section maintained general files of the University and attended to miscellaneous correspondence, administrative issuances and other types of communications which are of general concern.

Table 14 shows that in 1988 there were 17 new employees recruited. Four of these new recruits belonged to the teaching group while 13 belonged to the non-teaching group.

Table 14. Number of New Employees Recruited in 1988.

| Nature of Appointment | Faculty | Non-Teaching |
|-----------------------|---------|--------------|
| Original | 3 | 13 |
| Transfer | 1 | - |
| Total | 4 | 13 |

On personnel actions, Table 15 reflects that two (2) Science Research Specialists III were given academic ranks while 16 non-teaching were promoted to higher positions. One faculty member who was previously employed in the University was reinstated, while six employees were given permanent status. Another six non-teaching employees had their temporary appointments renewed.

Table 15. Number of Personnel Promoted, including other personnel actions.

| | Faculty | Non-Teaching |
|------------------------------|---------|--------------|
| Promotion | 2 | 16 |
| Reinstatement | 1 | - |
| Renewal | - | 6 |
| Change of Appointment Status | 1 | 5 |
| Total | 4 | 27 |

For the faculty members in which the Common Criteria of Evaluation (CCE) under the National Compensation Circular No. 33 is the basis for promotion, the third evaluation took place this year covering the period from January 1987 to June 30, 1988 of which faculty members were evaluated. Results of the evaluation led to the promotion of 154 faculty members; 117 obtained horizontal promotion and 37 obtained a vertical promotions. These figures are reflected in the following table.

Table 16. Number of Faculty Members Under the Common Criteria of Evaluation.

| Nature of Promotion | Total |
|-------------------------|-------|
| Horizontal ¹ | 117 |
| Vertical ² | 37 |
| Total | 154 |

¹Promotion within Academic Rank.

²Promotion from One Academic Rank to a Higher Academic Rank.

The promoted faculty members received their salary increases computed on the updated hiring rate for each academic rank.

The division also created, maintained, updated, and safeguarded personnel records containing vital information for each individual employee of the University. The individual records of each employee such as service records, leave ledger card and qualification index cards were updated.

The other personnel records prepared and periodically updated are (a) plantilla of personnel (Itemized Position), (b) supplemented plantilla for non-itemized positions, (c) directory of personnel and checklist of personnel.

The varied programs of the University were carried out through the services of 619 personnel. During the year under report, 501 personnel occupied career positions with 266 faculty members and 235 non-teaching personnel. Among these personnel, 492 are permanent in status and 9 are temporary. There were 113 occupying non-career positions with casual employees having the greatest number of 82. There were 9 substitute instructors, 1 consultant and 26 student assistants. Table 17 shows the number of employees and the status of their positions.

Table 17. Number of university personnel in 1988, according to classification of positions.

| Classification | S T A T U S | | Total |
|--------------------------|-------------|-----------|-------|
| | Permanent | Temporary | |
| A. Career Positions | | | |
| Faculty | 263 | 3 | 266 |
| Non-Teaching | 229 | 6 | 235 |
| Sub-total | 492 | 9 | 501 |
| B. Non-Career Positions | | | |
| Substitute Instructors | | | 9 |
| Contractual (Consultant) | | | 1 |
| Casual Employees | | | 82 |
| Student Assistants | | | 26 |
| Sub-total | | | 118 |
| GRAND TOTAL | | | 619 |

As shown in Table 18, a total number of 19 personnel were granted scholarship and training grants during the year. Nine grantees have taken their doctorate degree while 3 have pursued their masteral degree. There were six (6) training grants awarded to the faculty and one (1) has undergone review classes.

Table 18. Number of university personnel who were awarded scholarship and training grants during the year 1988.

| TYPE OF SCHOLARSHIP | (Sponsored) | | | Total |
|---------------------|--------------------|----------------|--------------------------|-------|
| | Local ¹ | Outside Funded | Study Leave ² | |
| A. Degree Program | | | | |
| Doctoral | | 5 | 4 | 9 |
| Masteral | 1 | 2 | | 3 |
| B. Training Grants | | | | |
| | | 6 | | 6 |
| C. Review | | | | |
| | | | 1 | 1 |
| Total | 1 | 13 | 5 | 19 |

¹ Faculty Development Program: tuition, stipend, book allowance are borne by the University.

² Study grant on official time.

As regard to employee turn-over, twelve (12) left the University during the year for various reasons. Table 19 shows the employee turnover and the reasons for leaving.

Table 19. Employee Turn-over, excluding non-career employment.

| Reasons for Leaving | Faculty | Non-Teaching | Total |
|-------------------------------------|---------|--------------|-------|
| Resignation | 1 | 4 | 5 |
| Transfer | 1 | 1 | 2 |
| Retirement | 1 | - | 1 |
| Death | 1 | 2 | 3 |
| Expiration of Temporary Appointment | - | 1 | 1 |
| Total | 4 | 8 | 12 |

ANNUAL BUDGET AND EXPENDITURES

The University had a total budget of ₦33,532,594.00 from the government and other appropriations for the year 1988. Of this amount, personal services for itemized positions had about half the total of ₦16,196,063.00; lump sum had ₦10,079,976; maintenance and operating expenses had ₦2,456,555.00 and Capital Outlay had ₦4,800,000.00

Table 20 shows the details of expenditures, by functions and object during the year 1988.

Table 20 Schedule of Expenditures (Obligations) by Function and Object. General Fund (101)
For the CY 1988.

| | O B J E C T | | | | |
|---|------------------------|----------------------|------------------------|----------------------|-------------------|
| | General Adm. Project 1 | Adv. Educ. Project 2 | Higher Educ. Project 3 | Sec. Educ. Project 4 | TOTAL AMOUNT |
| PERSONAL SERVICES | | | | | |
| Itemized 100 | 15,942,571.11 | 2,203,561.34 | 99,420.00 | 6,235,763.48 | 2,041,720.87 |
| Lumpsum (100-10) | | | | | |
| Student Assistant | 44,916.83 | | | 17,114.57 | |
| Casuals | 921,405.60 | 510,724.91 | | 11,724.51 | |
| Contractuals | 606,662.28 | 269,925.46 | | 21,252.25 | |
| Substitutes | 247,282.82 | | | 141,059.52 | |
| Honoraria | 679,243.51 | 67,262.99 | 278,515.06 | 253,002.51 | 72,062.58 |
| RAMP | 233,025.00 | 23,475.00 | 4,000.00 | 65,000.00 | 19,070.00 |
| Faculty Development | 58,732.86 | 5,480.43 | | 46,008.13 | |
| Bonus | 1,900,000.00 | 260,767.74 | 10,285.00 | 716,590.80 | 174,162.87 |
| COLA | 3,897,629.16 | 791,874.30 | 13,199.97 | 1,178,743.24 | 377,957.04 |
| Terminal Pay | 144,507.90 | 547.68 | | 60,486.42 | |
| TOTALS | 8,733,425.96 | 1,930,058.51 | 306,000.03 | 2,510,981.95 | 643,232.49 |
| M. INTENTIONS AND OFF-ROLLING EXPENSES (200) | | | | | |
| Travelling Expenses | 164,407.49 | 47,012.00 | 3,043.35 | 52,046.95 | 13,231.85 |
| Communication Services | 67,482.21 | 27,104.81 | 500.00 | 11,317.40 | 4,900.00 |
| Repairs & Maintenance | 66,177.05 | 30,249.55 | 800.00 | 18,133.50 | |
| Other Services | 316,773.54 | 26,042.15 | 13,580.31 | 31,219.44 | 36,901.28 |
| Transportation Services | 409.30 | 409.30 | | | |
| Supplies and Materials | 654,742.94 | 229,012.80 | 29,414.50 | 92,414.50 | 92,681.62 |
| Light, Power and Illumination | 398,745.53 | 161,619.79 | 24,194.19 | 15,524.04 | 40,500.00 |
| Retirement Gratuity | 503,385.31 | | | 477,698.68 | 25,686.63 |
| Maintenance of Motor Vehicles | 177,401.99 | 120,295.76 | | 5,000.00 | |
| Library Books | 66,944.87 | 11,000.00 | 50,444.87 | | |
| Representation Expenses | 39,043.24 | 36,938.24 | | | 5,500.00 |

TOTALS 2 115 513 47 680 618 40 121 077 22 702 621 62 160 780 41

O B J E C T

Elem. Educ. Project 5 Research Project Extension Project 7 Auxiliary Project 8

PERSONAL SERVICES:
Itemized (100)

2,402,379.87 2,135,933.52 302,63.51 ~~1,521,760.52~~

Lump-Sum (100-10)

| | | | | | | | |
|---------------------|------------|--------------|--|--|--|--|------------|
| Student Assistant | | | | | | | |
| Casuals | | 352,478.30 | | | | | 27,802.26 |
| Contractuals | | 292,259.31 | | | | | 46,487.88 |
| Substitutes | | 26,784.00 | | | | | 23,125.26 |
| Honoraria | | 3,453.50 | | | | | 7,376.72 |
| RATA | | 14,850.00 | | | | | 7,562.70 |
| Faculty Development | | 450.00 | | | | | 14,400.00 |
| Bonus | 147,036.00 | 248,163.50 | | | | | 6,794.30 |
| COLA | 217,646.02 | 789,502.57 | | | | | 312,582.09 |
| Terminal Pay | | 14,150.36 | | | | | 489,937.85 |
| | | | | | | | 39,366.65 |
| TOTALS | 364,682.02 | 1,742,191.54 | | | | | 975,435.71 |

NOTE (200)

| | | | | | | | |
|-------------------------------|------------|------------|--|--|------------|--|------------|
| Travelling Expenses | 3,860.55 | 26,181.74 | | | 8,501.19 | | 10,529.95 |
| Communication Services | 5,000.00 | 8,358.00 | | | 5,000.00 | | 5,302.00 |
| Repairs and Maintenance | 600.00 | 16,394.00 | | | | | |
| Transportation Services | - | - | | | 9 | | - |
| Other Services | 30,404.85 | 113,404.14 | | | 21,120.90 | | 44,100.47 |
| Supplies and Materials | 54,436.40 | 108,908.97 | | | 9,400.89 | | 96,827.11 |
| Light, Power and Illumination | 28,511.80 | 42,750.00 | | | 61,145.71 | | 24,500.00 |
| Retirement Gratuity | - | - | | | - | | - |
| Maintenance of Motor Vehicles | 2,000.00 | 19,695.00 | | | 23,703.00 | | 6,908.23 |
| Library Books | - | - | | | - | | - |
| Representation Expenses | - | 2,105.00 | | | - | | - |
| TOTALS | 124,813.60 | 337,796.85 | | | 128,871.60 | | 187,967.76 |

CAPITAL OUTLAY (300)

| | | |
|--------------------------------|--------------|--------------|
| Buildings and Structure Outlay | 3,500,000.00 | 3,500,000.00 |
| Equipment Outlay | 1,300,000.00 | 1,300,000.00 |

SUMMARY:

| | 0-90-000 | 0-82-000 | Balances |
|--------------------------------|----------------------|----------------------|---------------------|
| Current Operating Expenditures | 16,196,063.00 | 15,942,571.11 | 253,491.89 |
| PERSONAL SERVICES (100) | 10,079,976.00 | 8,733,425.96 | 1,346,550.04 |
| M O E | 2,456,555.00 | 2,544,513.47 | 1,041.53 |
| Capital Outlay | | | |
| Buildings and Structures | 3,500,000.00 | 3,500,000.00 | |
| Equipment | 1,300,000.00 | 1,300,000.00 | |
| TOTALS | 33,532,594.00 | 31,931,510.54 | 1,601,083.46 |

certified correct:

(SGD.) OSCAR E. LIMPIN
Chief, Accountant

verified and found correct:

(SGD.) EDUARDO S. GAYOSA
State Auditor

A P P R O V E D :

(SGD.) LUCIO E. VICTOR
President

PROBLEMS AND RECOMMENDATIONS

From the reports of the different sectors in the University the following common and pressing problems were gleaned:

Instruction

1. Lack of laboratory rooms for specialized subjects, inadequate laboratory equipment and reference books.
2. Delay in arrival of supplies and materials.
3. Need to upgrade, repair and maintain classroom facilities.
4. Need for additional manpower and manpower development in some units.
5. Need to upgrade nursery facilities, specifically plastic houses and storage rooms for equipment and other specialized purposes.
6. Meager budget allocation for MOE
7. Request for tools and equipment are often delayed or not acted upon.
8. Frequent interruption of regular classes due to co-curricular program of students.
9. Decline in enrollment in some programs.
10. Inadequate fiscal support to sections which are hard strapped by minimum requirements.

Research

1. Lack of personnel, equipment and facilities to fully operationalize the existing research institutes (HORTI, IHFS, HAFI, HSERI).
2. Delayed procurement of supplies and materials.
3. Wide disparity of pay between academic and research personnel.

Extension

1. Few faculty and staff are directly involved in the University's

extension and training programs.

2. Inadequate extension and training facilities including supplies and equipment.
3. Monitoring extension and training projects have not been fully institutionalized.
4. Need for printing machineries, e.g. offset machine, duplicating machines for extension and information bulletins.

General Administration

1. Inadequate educational support to specialized areas (e.g. legal materials, etc.).
2. Delay in purchase and delivery of needed supplies and materials.
3. The need to improve and upgrade tools and equipment for general services.

From the above problems, the following recommendations were advanced by the different units:

1. For every College, there should be an item for a full-time and competent technician who can provide repair and maintenance services to the laboratory materials of all departments in the College.
2. Designate laboratory rooms for specialized or specific subject areas.
3. A periodic check-up and preventive maintenance services to all University facilities specifically classroom facilities should be provided by the General Services Department of the University.
4. Classroom and other educational facilities that need to be constructed should be identified and prioritized and eventually attended to in order to upgrade services to students.
5. An annual procurement program for supplies, and materials equipment and reference books be made and updated periodically. This can help avoid long delay in the arrival of supplies and materials.
6. An appropriate monthly or semestral program of students' activities should be evolved to lessen class interruptions.

Similarly, shortening of class periods may be adopted in order to unnecessarily cut classes entirely.

7. Budget allocations should be discussed among the different unit heads in order to meet priority needs.
8. The necessary requests of resources for the research institute as reflected in budget proposals should be approved and operationalized by the authorities. Each institute should be given separate internal operating budgets in order to operate and function according to its mandate.
9. Procurement procedure should be streamlined and simplified and each function should be accorded equitable fiscal support and attention.
10. Guidelines for workloads both for faculty and non-teaching staff should be evolved and implemented which can serve as basis for incentive pay and other purposes.
11. Non-functional physical resources of the University like mobile vehicles, and the like should be rehabilitated to properly serve their purpose.
12. The University should allocate a budget for the publication of research outputs of the University in order to ultimately benefit the academic and scientific fields and more specially farmers and other technology users.

Republic of the Philippines
 BENGUET STATE UNIVERSITY
 La Trinidad, Benguet

ORGANIZATIONAL CHART*

BOARD OF REGENTS

SPECIAL ASSISTANT FOR COMMUNITY AND ALUMNI AFFAIRS

ASSISTANT FOR SPECIAL PROJECTS

PLANNING AND DEVELOPMENT OFFICE

INTERNAL CONTROL OFFICES

UNIVERSITY AND BOARD OF REGENTS SECRETARY

PRESIDENT

EXECUTIVE VICE PRESIDENT

COA

MANAGEMENT COMMITTEE

ADMINISTRATIVE COUNCIL

UNIVERSITY (ACADEMIC) COUNCIL

LEGAL OFFICE

SECURITY OFFICE

SPECIAL AGRO-FORESTRY PROJECT

ATTACHED AGENCIES

VICE PRESIDENT FOR RESEARCH & EXT.

VICE PRESIDENT FOR ADMINISTRATION

College of Agriculture

College of Forestry

College of Teacher Education

College of Home Economics & Tech.

College of Arts and Sciences

College of Applied Engineering and Technology

College of Veterinary Medicine

Graduate School

University Library Services

Office of the Student Affairs

Physical Education & Athletic Affairs

Admissions Office

Special Cultural Office

Institute of Cordillera Adm. & Devt.*

Citizen Military Training

Horticulture Res. & Frng. Institute

Northern Philippine Rootcrops Research and Training Center

Institute of Highland Farming Systems

Highland Socio-Economic Res. Inst.

Extension and Training Office

Publications and Media Services

Highland Crops Research Station

Personnel and Records Office

Tudget and Management Division

Administrative Services Division

Cashiering Division

Accounting Division

Property and Supply Management Office

Land Reservation Office

General Services Division

Business Affairs Division

Health and Sanitation Services

* APPROVED by the Board of Regents under Res. No. 34, s. 1986 and further refined/annotated under Res. No. 144, s. 1987. The Chart reflects the mandates of the University Charter and institutional plans and development as evolved by the Administrative Council during its planning conference at Hotel Montecillo, Baguio City, on June 8-9, 1987.

APPENDIX II. IMPORTANT RESOLUTIONS ADOPTED
BY THE BOARD OF REGENTS

Passed 17th Meeting, February 17, 1988

Resolution No. 194, series 1988

APPROVING the Owner-Contractor Agreement made and entered into by and between the Benguet State University as the Owner, and the Currimao Integrated Builders Corporation, Inc, for the construction of the Poultry House, Continuation, at the contract price of ~~₱~~175,380.49, under sixty calendar days to complete the project, subject to all the terms and conditions stipulated in the contract, as presented.

Res. No. 193, s. 1988

APPROVING the Owner-Contractor Agreement made and entered into by and between the Benguet State University, as the Owner, and the Currimao Integrated Builders Corporation, Inc. as the Contractor, for the construction of the Elementary Ground Floor Building, Continuation, at the contract price of ~~₱~~182,947.38 under sixty (60) calendar days to complete said project, subject to all the terms and conditions stipulated in the contract and to all government regulations on public constructions.

Res. No. 191, s. 1988

APPROVING the Owner-Contractor made and entered into by and between the Benguet State University as the Owner and the Currimao Integrated Builders Corporation, Inc. as the Contractor, for the construction of the Library Complex, Phase II-B, under an extra Work Order, as supplemental to the main Contract, at the contract price of ~~₱~~497,278.13 for the period of ninety (90) calenday days within which to complete the projects subject to all the terms and conditions in the contract and other existing regulations on government projects, as presented.

Res. No. 189, s. 1988

APPROVING the Security Service Agreement between the Benguet State University, therein referred to as the "University," and the Nationwide Security and Allied Services, Inc. as the "Agency," for the services of eleven (11) guards and one (1) detachment commander, at the annual contract price of ~~₱~~219,996.00 for January 1 to December 31, 1988; However, as stipulated in the contract, the duration of the agreement shall be for six (6) months, subject to renewal upon the consent of the parties thereto.

Res. No. 188, s. 1988

APPROVING the expenses for sports development program of the University in toto as presented, with the advice that more of local competitions be held so as to involve more athletes/students.
 The total expenses for the three (3) activities is ₱284,930.00

Res. 187, s. 1988

APPROVING the Internal Operating Budget of the Benguet State University, for Fiscal Year 1988, in the total amount of ₱26,050,000 for Personal Services and Maintenance and other Operating Expenses, plus the additional amount of ₱10,000,000 for Capital Outlays for the same FY, as presented and justified.

Res. 184, s. 1988

APPROVING the proposed offering of a Master of Management with majors in Agricultural Resource Systems, Educational Administration, Public Administration, Human Resource Development, and Agricultural Business, subject to review and confirmation by the Board of Higher Education.

Passed 18th Meeting, March 11, 1988Res. No. 200, s. 1988

APPROVING the proposed Memorandum of Agreement and authorizing the University President to sign the said document between the Benguet State University and the Philippine National Bank La Trinidad Branch for the use of the bank of a 1,364 square meters lot within the school main campus, duly delineated in the attached sketch plan, for the construction of business/office building only; Provided, the University Planning Office is involved in seeing to it that the designs conform to or blend with the adopted motif of the institution; Provided, further that any tax or fees levied on the buildings or improvements introduced thereon shall be underwritten by the Bank; Provided further, that this action shall not be taken as precedent; Provided further, that the University is hereby directed to draw up a long-range master development plan with all the existing demonstration farms, research lots, production areas, buildings as well as proposed edifices or other uses as the University envisions itself to be; Provided finally, that all these shall be incorporated in a policy/primer of the University on the use of its landholdings. .. to be submitted and approved by the Board of Regents.

Res. No. 201, s. 1988

APPROVING the graduation and conferment of degrees to the 283

graduates for the Baccalaureate, Masteral, and Doctoral degrees, subject to completion of all academic and other requirements pertinent to their respective courses as of the end of SY 1987-1988; and AUTHORIZING the University President to award the certificates to about 340 candidates for graduation, SY 1987-1988, from the various non-degree offerings of the University.

Passed 19th Meeting, May 30, 1988

Res. No. 212, s. 1988

APPROVING the grant of partial scholarship to a number of poor but talented candidates for enrolment in the University who are from the five Provinces of Abra, Benguet, Ifugao, Kaling-Apayao, and the Mountain Province; the privilege shall be in the form of free tuition and dormitory accommodation only, under certain rules and guidelines to be evolved by the University, this policy shall be effective the second semester of SY 1988-1989.

Res. No. 211, s. 1988

APPROVING the request to grant the Vice President an extended authority to automatically take charge of the University as In-Charge whenever the President is out of station, on leave of absence, or as the case may arise; Provided, that the President informs all the University personnel and the students of this arrangement per an appropriate memorandum or bulletin. This policy takes effect June, 1988.

Res. No. 210, s. 1988

APPROVING the request of the Commandant of the University CMT Unit for the grant of gasoline allowance at thirty (30) liters per month, effective June, 1988; Provided, that in the case of the Legal Officer, the University shall henceforth provide a vehicle for his use in attending to all litigations or investigative sessions involving the University.

Res. No. 209, s. 1988

APPROVING the reconstitution of the University PBAC as an amendment to Res. No. 75, s. 1985 as implemented under Administrative Memorandum No. 14-A, s. 1986 issued by the University President, as proposed and presented by the University, effective June, 1988.

Res. No. 207, s. 1988

APPROVING a revised curriculum for the Bachelor of Science in

Agricultural Education (BSAE) for Elementary Level; Provided, that said revised curriculum shall apply only to freshman enrollees for the first semester of SY 1988-1989 and thereafter.

Res. No. 206, s. 1988

APPROVING the separation/elevation of the Department of Home Technology from the College of Teacher Education (CTE) to a new College - to be known as the COLLEGE OF HOME ECONOMICS AND TECHNOLOGY, effective the second semester of SY 1988-1989, as proposed and presented by the University.

Passed 20th Meeting, July 15, 1988

OVERRIDING, on the basis of the premise above, the reservation/objection of the University President on the dissertation of one CAMILO C. LARANANG, and STATING the position that his graduation under the University Program for Ph. D. degree in Horticulture, shall stand as recommended by the University Council and approved by the Board under Res. No. 201, s. 1988; in which case, Mr. Laranang shall now be advised to finalize his dissertation manuscripts and submit the same already in book form.

Res. No. 219, s. 1988

APPROVING the Service Security Agreement made and entered into by and between the Benguet State University, represented by its President, Dr. Lucio B. Victor, and the Nationwide Security and Allied Services, Inc., represented by its President and General Manager, Mr. Romeo T. Polasco, for the services of eleven (11) guards and one (1) detachment commander, for and in consideration of ₱219,996.00 for one (1) year, but the duration of this Agreement is for six (6) months, covering the period July 1 to December 31, 1988, renewable at the option of the parties subject to the terms and conditions stipulated in the instant Agreement.

Res. No. 218, s. 1988

APPROVING, on the basis of the request and premise above, authority for the Benguet State University to pay the residential house of Mr. and Mrs. Andres C. Mamaril at the consideration of ₱171,000.00 as the maximum offer; they must be asked to transfer the house at their own expense to a private lot outside the reservation, so that the University can use the areas for its research and other development projects.

Res. No. 215, s. 1988

APPROVING the request of MRS. LUDIVINA O. ALAGAO, Accountant II, to work as insurance underwriter during Saturdays, Sundays, Holidays, and after office hours, provided such private employment does not go in conflict with her work as government accountant.

Passed 21st Meeting, August, 25, 1988

Res. No. 227, s. 1988

APPROVING the proposed travel of the University President to Thailand, Indonesia, and Malaysia to observe the various agricultural programs of those countries, particularly on fruit, root crops, vegetables, agroforestry, and livestock, under coordination by the PCAARRD, and is scheduled from the 3rd week of November to the 1st week of December, 1988.

Res. No. 226, s. 1988

APPROVING the promulgation of a policy that henceforth instructors who are hired under temporary status shall be made permanent only when and after they shall have completed a master's degree and two (2) years successful teaching in the University; except in meritorious cases, technical instructors whose course are of 5-6 years duration.

Res. No. 224, s. 1988

APPROVING a moderate increase to the out-of-state fee of foreign students who are sponsored by their governments/foundations/ or other agencies; the proceeds of which shall accrue to the Graduate School Development Funds for the exclusive purchase of books, subscription to scientific or professional journals, publication or research journals, documentation or research outputs, and other facilities of the University on advanced educational programs. The fees shall be as follows:

| <u>Old Amount for MS/Ph.D.</u> | <u>New Amount for MS/Ph. D.</u> |
|--------------------------------|---------------------------------|
| Semestral \$300 \$400 | \$500 |
| Summer Terms 200 300 | 250 |

This policy shall be in effect during the School Year 1988-1989.

Res. No. 223, s. 1988

APPROVING the Memorandum of Agreement between the National Museum and the Benguet State University for the establishment of a REGIONAL CULTURAL HERITAGE STUDY CENTER at the University main campus, specifically on portion of the school reservation consisting of 8,500 square meters, covered by OCT No. 0-185 under certain terms and conditions stipulated in the government; Provided that the management and administration of the Center and the utilization of the total area to be done in consultation with the University as herein indicated as annotation to the Contract.

Passed 22nd Meeting, November 15, 1988

Res. No. 241, s. 1988

APPROVING the request of Mrs. Lita M. Colting to go on leave without pay for one (1) year, January 1 to December 31, 1989 to join her husband at the University of New South Wales, Australia, as requested and recommended.

Res. No. 239, s. 1988

APPROVING the request of the University to allocate and use the sum of SIXTY THOUSAND (₱60,000.00) PESOS to support the participation of the University in the Benguet Provincial Athletic Meet to be held in early December, 1988, at the University Sports Complex, as requested and recommended.

Res. No. 238-A, s. 1988

APPROVING the constitution of the University PBAC in accordance with the IRR of PD No. 1594, particularly for non-infrastructure agencies, without anymore coursing or involving the local officials or personnel of the DPWH, it being represented that the University has at present the in-house technical capability to do the process of pre-qualifying, bidding, and recommending the awards of contracts, including the preparation of plans, designs, and supervision of constructions, and also in pursuance to Sec. 9 (j) of the University Charter, Presidential Decree No. 2010.

Res. No. 238, s. 1988

APPROVING the addition to the University PBAC Proper of the PBAC Proper of the following, as mandated under the new IRR of PD No. 1594, as amended: Representatives of the PICPA and the PICE, Baguio-Benguet Chapters, and of the End-user of the particular/specific project, as requested.

Res. No. 237, s. 1988

AUTHORIZING the Benguet State University to deposit part of its idle funds under Fund 161 (Revolving Fund) representing income generated pursuant to operations under LOI 872, NBC 331, and PD 2010, in Time or Savings Deposits, provided that income generated therefrom shall accrue to the same fund; provided further that the University shall make a periodic report to the Administrative Council and the Board of Regents. As requested, and certified to its availability, the amount of ₱700,000.00 is initially authorized to be deposited effective immediately.

Res. No. 236, s. 1988

NOTING the query of the University President on the DECS policy mandating that state colleges and universities reduce their enrolment in or phase out the elementary and the secondary levels from their offerings to give way for a more rational concentration on tertiary education as mandated in their respective charter, with the observation that Benguet State University effect the changes carefully, slowly, and justly, and with reference to the welfare of the pupils, students, teachers, and the institutions to be affected; that this be done after a purposeful dialogue with the local DECS set up and the Benguet Provincial Government.

Res. No. 234, s. 1988

APPROVING the graduation of ninety-seven (97) candidates as of the end of Summer 1988, and of the first semester, SY 1988-1989, as recommended by the University Council, subject to completion of all academic requirements pertinent to their respective courses.

Res. No. 233, s. 1988

APPROVING the Deed of Absolute Sale of a Building implementing the previous action of the same Board under Res. No. 218, s. 1988, anent the payment of the sum of ₱171,000 for the residential house of Mr. and Mrs. Andres C. Mamarily in accordance with the stipulations made on the Deed as presented.

Res. No. 230, s. 1988

CONFIRMING the approved referendum on the travel of the University President to Kuala Lumpur, Malaysia wherein he attended the 7th Biennial Convention of the Asian Association of Agricultural Colleges and Universities (AAACU) held on October 16-22, 1988, inclusive of travel time.

Res. No. 229, s. 1988

CONFIRMING the contract of Professional Services made and entered into by and between the Benguet State University, and one, ATTY. MARCELO O. DOMILES - for engaging his services as Legal Consultant, for a period of one (1) year reckoned upon assumption of duty, for a consideration of ₱3,500 per month, excluding other allowable honoraria, if any, as presented.

Passed 23rd Meeting, December 23, 1988

Res. No. 253, s. 1988

NOTHING the opinions of the Civil Service Commission on the questions of double appointment and double compensation; stating that under the obtaining circumstances the opinion of the CSC Chairman be held as final and relevant to the case of the CRCC Commissioners; Provided, that since the official function of the CRCC is represented to terminate at the end of the year, Commissioner F.A. Buliyat be advised to resume his duties as Legal Officer of the University.

Res. No. 252, s. 1988

NOTING the alleged request of the University community for the filling up of two unfilled slots in the membership of the Board of Regents, and Directing that University create an adhoc search committee to come up with a list of nominees from which the Board shall choose for recommendation by the DECS Secretary to the President of the Philippines for possible appointment.

Res. No. 251, s. 1988

APPROVING the proposed Qualification Standards for Science Research Specialists Positions of the Benguet State University, subject to further refinement in the future when there shall arise a need for it.

Res. No. 250, s. 1988

APPROVING, on the basis of the above-cited justification, the grant of RATA/HONORARIUM to certain officials/personnel of the Benguet State University, at the same rates for each of the duly identified and comparable positions cited under Res. No. 8, s. 1988 of the Regional Research and Planning Council (RRPC) of the state colleges and universities of Region I and the Cordillera, as requested and recommended.

Res. No. 249, s. 1988

APPROVING the recommendation for the allocation and use of the sum of ₱256,205.00 to defray expenses for the participation of the BSU in the scheduled annual SCUAA-I Athletic Meeting on January 20, to February 4, 1989, at DMMSU, Agoo Campus, Agoo, La Union as recommended and presented provided that this will not affect the other programs of the University.

Res. No. 248, s. 1988

APPROVING the Contract of Professional Services between the Benguet State University, and one ENGR. ANTONIO Q. FAGEL, for his services in computing, reviewing, redesigning, and signing of the structural plans of the 3 subject projects, at the total cost of THIRTY-ONE (₱31,000.00) THOUSAND PESOS, as recommended by the University PBAC.

Res. No. 247, s. 1988

APPROVING the Owner-Contractor Agreement made and entered into by and between the Benguet State University, as the Owner, and the Currimao Integrated Builders Corporation, as the Contractor, at the contract price of ₱110,953.10, subject to all the stipulations made in the contract.

Res. No. 246, s. 1988

APPROVING the Owner-Contractor Supplemental Agreement between the Benguet State University, as the Owner, and the GA Vergara Construction as the Contractor, for the construction of the PAINTING WORK of the Library Complex, Phase I-B, at the contract price of ₱79,500.00 subject to the stipulations made in the contract, and the completion of the unfinished 5% part of the work, as recommended by the Technical Sub-Committee of the University PBAC.

Reso. No. 243, s. 1988

CONFIRMING the approved referendum dated November 25, 1988, anent the student leave with pay of one, LUDIVINA O. ALAGAO, Accountant II, for a period of 6½ months starting November 18, 1988 to May 30, 1989.

A C K N O W L E D G E M E N T

Special thanks to the different Colleges, Departments and Offices of the University for the extensive information embodied in this Annual Report.

COMMITTEE ON THE INTEGRATION
OF BSU ANNUAL REPORT
FY 1988

DR. JULIET P. BAGANO

PROF. JONATHAN A. BAYOGAN

PROF. CARLOS P. LUMA-ANG

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Compiled and published by the Planning and Development Office
BENGUET STATE UNIVERSITY
La Trinidad, Benguet