

ANNUAL REPORT 1995



BENGUET STATE UNIVERSITY
La Trinidad, Benguet

The Cover

Photos on the front cover present activities or structure that focus on milestones and modest accomplishments, specifically in the four functions of the University: Instruction, Extension, Research and Production. All these developments are anchored on the vision and mission of the University.



REPUBLIC OF THE PHILIPPINES

Benguet State University

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OFFICE OF THE PRESIDENT

March 15, 1996

His Excellency
President FIDEL V. RAMOS
Malacañang Palace, Manila

Through: Hon. Ricardo T. Gloria
Chairman, Board of Regents
Benguet State University, and
Secretary, Department of Education,
Culture and Sports

SIR:

Attached is the 1995 Annual Report(Performance Report) of the Benguet State University, La Trinidad, Benguet.

This report highlights our major accomplishments on: instruction, research, extension, production and institutional linkages supportive to Philippines 2000.

These achievements reflect the collaborative efforts of the administration, faculty, staff and students through the strong support of the Honorable Members of the Board of Regents. The strong linkages with local officials and our partner agencies, including the private sector likewise facilitated the attainment of these achievements.

Benguet State University looks forward for your continuing support as we endeavor to be more productive and relevant as an institution to support the development program of the Cordillera Region and the NICHood program of the present administration.

Very truly yours,

CIPRIANO C. CONSOLACION
President

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EXECUTIVE SUMMARY

Benguet State University is now on its 79th year of existence as an institution of higher learning and on its 9th year as a University. BSU greeted 1995 with high hopes of achieving its commitments in its fourfold functions in instruction, research, extension and production.

The average total enrollment for the first and second semesters during the year is 6,415 which is 68 lesser than that of school year 1994-1995. This is on account of the decreased enrollment in the elementary and secondary department in line with the thrust among SUC's to decrease enrollment in the said departments to laboratory sizes only.

The University has graduated 1,134, an increase of 142 or 14% to that of the previous school year. This figure is broken down as follows: degree courses - 621; non-degree-168; secondary-201; and elementary graduates - 144. In the graduate school, there are 9 doctoral and 32 masteral graduates. Of these graduates, there is one Magna Cum Laude and 8 Cum Laude.

Access to higher education is operationalized to poor but deserving students through scholarship grants and financial assistance. A total of 469 students have been able to avail of scholarship in 1995. Sponsors of these scholarships are from government as well as non-government agencies, civic organizations and benevolent individuals.

In pursuit for quality education, tremendous effort is given to the accreditation of the academic programs of the University. The accrediting agency of chartered colleges and Universities in the Philippines, Inc.(AACCUP) has accredited the programs of the College of Agriculture, College of Veterinary Medicine. College of Nursing, College of Teacher Education, and the Graduate School for level I and the College of Arts and Sciences for level II.

The University's mission for academic excellence has been successful as evidenced by the performance of its graduates in government board examinations. Percentage of passing is 100% for Nursing, 62% for Forestry, 52.6% for Nutrition and Dietetics, 45% for Veterinary Medicine and 37% for Teacher Education. These ratings are all higher than the National Passing Rate.

During the period under review, 12 students, 6 organizations and 14 faculty members were given awards. Leading the awardees were President Consolacion as the Outstanding Ilocano Educator and Dr. Zenaida N. Ganga as one of the Ten Outstanding Young Scientist of the Philippines. Indeed, these awards are indicators of the excellence of performance which the University has been pursuing as an institution of learning.

The total workforce of the University as of 1995 totalled 516 with 265 or 51.36% coming from the academic sector, and 251 or 48.64% from the administrative and auxiliary services. As to tenure of status, 474 or 91.86% have itemized permanent status, 14 or 2.71% have itemized temporary status and 28 or 5.43% are casual employees.

The academic ranks of the 265 teaching force are as follows: the 71 or 26.79% are full-pledged professors; 79 or 29.81% are associate professors and 36 or 13.6% are instructors. The holders of these academic ranks have the following corresponding degrees: doctoral degree, 57 or 21.5%; masteral degree, 113 or 42.64% and baccalaureate degrees, 95 or 35.85%.

As to male-female dichotomy, there are 120 males and 132 females among the non-teaching personnel; 107 are males while 167 are females among the academic sector.

Faculty and staff development has been vigorously pursued as a complementary strategy to improve instruction at all levels and areas. In 1995, there have been 30 on-going scholars; 23 in the doctoral programs and 7 in the Master of Science program. Six also among the faculty and staff attended trainings abroad.

In terms of trainings and seminars, majority of the faculty, researchers and administrative staff were sent for trainings. Two major seminars attended by the University personnel were held in the University. These seminars were: Institutional Team Building and Values Orientation Workshop.

Presently, there are 36 completed researches on the following crops: rootcrops, 14; ornamental crops, 8; and vegetable crops, 7. Twenty-eight researches on the different crops and farming systems are still on-going. There are 8 research proposals for implementation for 1996 and 6 research proposals for evaluation.

On the other hand, the extension office did 6 outreach programs, conducted 14 training programs and coordinated 4 development projects.

In an effort to enrich BSU's quadruple functions on instruction, research, extension and production; the University expanded its scope of linkages and consortia with various educational and research institutions as well as business sectors and other associations here and abroad. Some of these linkages are partially accomplished during the trips of the President to Thailand, Korea, India and California, U.S.A.

The physical development of the University has been patiently pursued. The once drab and dull compound has now a trim and attractive look through the face-lifting of the physical facilities, landscaping of the grounds and the planting of varied flowers around the campus. Three kiosks donated by Dr. Shimomura and Korean benefactors now stand in the lawns fronting the Administration and College of Arts and Sciences buildings. In addition, the 15.9 million capital outlay distributed to 10 infrastructure projects made great difference in the school compound. Six buildings, several greenhouses, perimeter fencing, roads and bridges have been added to the physical structures of BSU.

BSU continues to be the venue of weekly tours of visitors from SUC's, GO's and NGO's. A total of 8,127 visitors visited BSU's projects in 1995 particularly the Food Processing and Training Center; the Strawberry, Agroforestry and Demo farms.

The operating budget of the University for 1995 was P95,061,843 indicating an increase of 30% from the previous year's budget. The amount of P5,000,000 was a special budget on the use of income from the general fund realized from tuition fees and others. The total cash allocation received for 1995 was P91,489,535. There was still unfunded allotment amounting to P9,475,586.51.

The aggregate net income for all the income generating projects was P1,936,752.03, an increase of P363,454.72 or 23.10% from that of 1994. The Cafeteria and the Food Processing Center are the top earners in 1995 with P544,159.19 and P393,019.63 net income respectively.

Instruction is the essential function of educational institutions, like the Benguet State University. BSU has strived to fulfill its mission of providing quality education as evidenced by the accreditation of its programs.

THE COLLEGES

The different colleges and other academic units continued the pursuit of excellence and relevance in the curricular programs. The accomplishments of the Colleges and Institutes would support this quest for quality education.

Graduate School

The Graduate School is presently offering 11 degree programs in various disciplines involving five colleges and 2 Academic Institutes in the University.

The Graduate School conducted two stages of accreditation of GS programs in the College of Agriculture and has attained Level 1 status as shown earlier.

The Graduate School Manual was revised to contain updated policies,

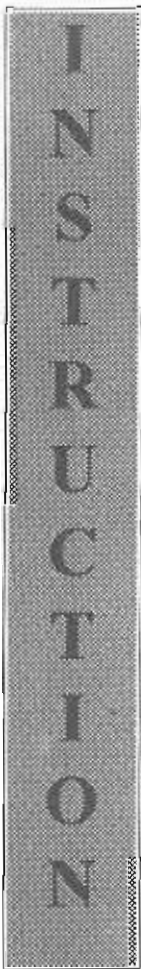
guidelines, rules and regulations. The directory of graduates from 1975 to 1995 was updated.

The operation of the graduate school as a regular program made possible the offering of courses during, after and outside office hours from Mondays through Saturdays to meet the needs of regular and part-time students.

The Graduate School purchased books, journals and other reference materials using the Graduate School Development Fund. Volume V of GS Research Journal was published. A seed laboratory room at Balili was also constructed for GS students in Horticulture and Agronomy.

College of Agriculture

The College continued to develop the capability of the faculty through seminars and trainings. The curriculum was also enriched and enhanced. The Board of Regents approved the offering of Enterprises Management and Cooperative Management as majors of BSAB. Garden tools and laboratory equipment for Soil Science, Agronomy and Animal Science were provided by ATEP.



Appropriate technologies were made available to end users. Productivity of the results of research were demonstrated to farmers during extension services.

The physical facilities of the College was improved. Just like the other colleges, the CA facelifted its quadrangle and surroundings by planting ornamental plants.

College of Applied Engineering and Technology

The College upgraded laboratory instruction by using fabricated instructional materials and devices. The instructional capability of the faculty was also updated through seminars and trainings.

As to the outreach program of the college, it promoted the development, use and commercialization of renewable energy system. The faculty also conducted the "Micro-hydro Battery Charger Manufacturing Workshop" in Mayaoyao and Magulon in Ifugao.

The non-degree program aimed at providing livelihood training, trade technical and vocational education to out-of-school youths. This is taken care of in the Applied Technology Department of CAET. This department worked with the Technical Skills Development Authority (TESDA) and the Civil

Service Commission with the following accomplishments during the year:

- Conducted skills upgrading to 71 employees from the different agencies in the Region.
- Conducted National Trade Tests on Automotive Mechanics, Electric Arc Welding, Building Wiring Installation and Consumer Electronics.
- Conducted a 2 day seminar on Electric Arc Welding.
- Constructed instructional mock-ups such as 3 units of 3K auto gas engine and stands, 6 units Auto-electrical systems and stands and 4 units of building wiring panel boards.

College of Arts and Sciences

The College of Arts and Sciences was granted Level 2 status by the AACUP. It was the first College to attain this status.

Instruction continued to be upgraded as shown by the revision and updating of syllabi, lecture notes and laboratory manuals in all the subjects in the College. Additional laboratory and instructional equipment were acquired during the year.

The College also participated in the Filipino, English, Social Science Festival (FESS) The Integrated Science Quiz was also sponsored by the College.

Some departments conducted research dissemination, student co-curricular activities, echo-seminars and others.

Performance evaluation of faculty and staff, training and workshops were conducted to upgrade the capabilities of the faculty and staff.

College of Veterinary Medicine

The existing DVM curriculum was strengthened to comply with TPAE requirements. The coverage of subject was enriched by including Animal Behavior in the course content. The capabilities of the faculty members improved thus, increasing their productivity, and enhancing the learnings of students. The physical set-up of the library was also improved with the separation of the serial and thesis section from the general and references sections. There were additional bookshelves, cabinets, newspaper rack and other library facilities acquired during the year in review. The College was also involved in outreach programs.

It contributed in rabies eradication by helping the Municipal Government of La Trinidad in the vaccination of 1,443 dogs. With the rise of the dreaded foot and mouth disease, the faculty served as vaccinators in 7 municipalities of Benguet and in the capital town of Mt. Province.

College of Home Economics and Technology

The faculty were updated with nutrition technologies available in the country. Some faculty were able to observe the processing plant of Food and Nutrition Research Institute (FNRI) and saw different nutri-snack products. Books on nutrition were purchased for the students. The observations and insights of the faculty were echoed to the students majoring in nutrition to update them.

The CHET sponsored various activities of the Nutrition month in July which was participated in by all the colleges. A symposium on Diet and Cancer Cure Alternative was sponsored by the College with Dr. Omar Arabia as the main discussant. A convocation of Home Economics as a profession and a discipline was also spearheaded by the College. This was attended by all the faculty

members of the college and the H.E. Education graduating students.

The outreach activities of the College included the distribution of coconut seedlings to the farmers in Nangalisan, Tuba, an "Adopt a Barangay" project. A survey of malnourished pre-schoolers of La Trinidad and a series of lectures on nutrition-related topics in the barangays of Peril, Bayabas, and Pico, La Trinidad were held.

College of Forestry

The faculty of the College upgraded their methods of instruction through audio-visual aids. They also exposed the students to practical application of theories learned in class through educational trips to Los Baños, HEADCOR, La Trinidad and Subic Forest Reserve.

All the faculty of the College were resource speakers on various topics: Erosion Control, Hydrologic Cycle, Nursery Operation, Bamboo Propagation, Benguet Pine Production and Nursery Techniques. They participated also as consultants in survey, mapping and planning in other agencies.

College of Teacher Education

The CTE integrated into the curriculum the needed curriculum content and enriched

it to be more relevant to the culture and needs of the people in the Region.

The thrust of instilling moral values, initiative, creativity, dedication, discipline, personal development and fulfillment of duties was enthusiastically pursued in all the departments of the College.

Teacher trainers were provided adequate and appropriate trainings. These trainings were applied in the extension services which they rendered such as the "Strategies of Teaching and Preparation of Low cost Instruction Materials" to 205 teachers of Bauko and Sabangan, Mt. Province. Another extension service was "Module Making" provided to Maba-ay High School and Pines National High School Teachers and to Atok District Elementary teachers.

The faculty of the College were also tapped as resource speakers to education-related trainings in the Region.

College of Nursing

The College continued updating its course syllabi, instructional and clinical teaching plans. To develop the students' critical thinking and appreciate human values and cultural heritage; concepts on traditional medicines, primary health care, COPAR, values for-

enrollment decreased by 15.65% from 782 to 660. Likewise, the enrollment of the elementary laboratory school also decreased by 3.6% from 866 to 834. The decrease in the enrollment of both the elementary and secondary schools is in line with the trend in State Colleges and Universities to gradually reduce enrollment to laboratory sizes. This should be proportionate to the enrollment of the College of Teacher Education.

The College of Agriculture has the highest enrollment of 1,371 or 21% followed by the College of Teacher Education with 1,294 or 19% of the total enrollment. The 60% of the enrollment is distributed in the different programs including the laboratory schools of the College of Teacher Education. The details of the enrollment is shown in Table 2. while the percentage distribution is shown in figure 1.

Table 1. Distribution of Enrollment by Colleges/ Programs

COLLEGE/ PROGRAMS	ENROLL AVE/SEM	PER- CENT
College of Agriculture	1,371	21.4
College of Applied Eng'ng and Technology	268	4.2
College of Arts and Sciences	56	0.9
College of Veterinary Medicine	327	5.1
College of Home Economics and Technology	317	4.9
College of Forestry	394	6.1
College of Teacher Education	1,294	20.2
College of Nursing	170	2.7
Graduate School	372	5.8
NON-DEGREE	336	5.2
CROSS ENROLL	16	0.3
SECONDARY	660	13.0
ELEMENTARY	834	10.3
TOTAL	6,415	100.0

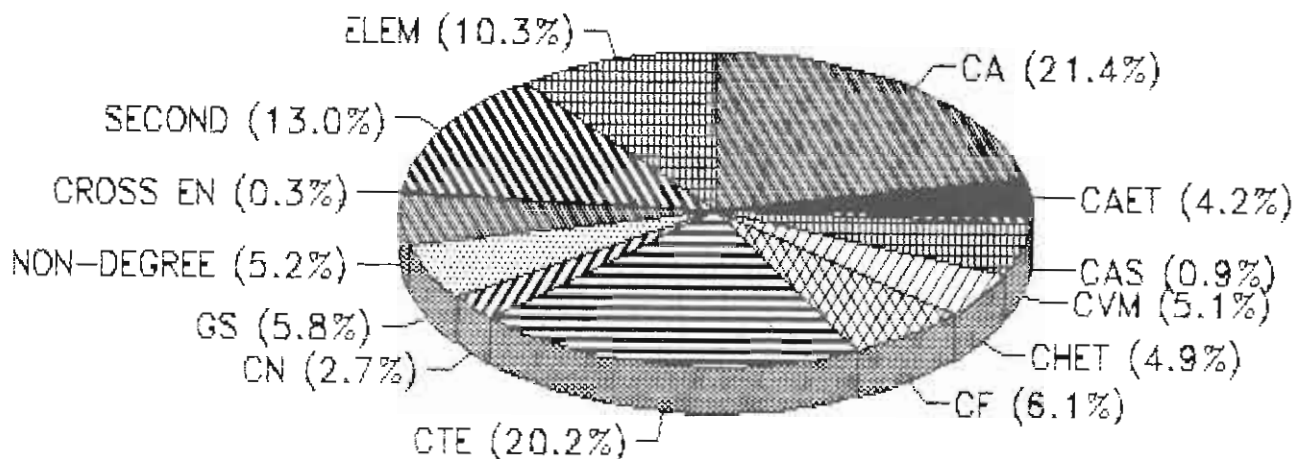


FIGURE 1. Distribution of Enrollment by Colleges(1995-96)

GRADUATES

One thousand one hundred and thirty four (1,134) students have graduated this year. This figure is broken down as follows: degree courses - 621; non-degree - 168; secondary 201; and elementary 144 graduates. In the graduate school, there were nine(9) doctoral and 32 masteral graduates. Of these graduates, there was one Magna Cum Laude and eight (8) Cum Laude.

The number of graduates in the various degree and non-degree programs are summarized in table 2.

Table 2. Number of Graduates for 1995

COLLEGE/PROGRAM	MAR' 95	MAY' 95	OCT. 95	TOTAL
College of Agriculture(CA)	149	4	38	191
College of Arts & Sciences	0	0	0	0
College of Eng'g & Applied Tech	7	2	4	13
College of Forestry	68	2	4	74
College of Home Econ & Technology	55	1	4	60
College of Nursing	65	1	1	67
College of Teacher Educ	137	3	19	159
College of Vet. Medicine	15	1	0	16
Graduate School	26	4	11	41
Sub-total	522	18	81	621
Non-Degree Programs	106	14	48	168
Elem. Laboratory School	144			144
Secondary Laboratory School	201			201
GRAND TOTAL	973	32	129	1134



Graduation Rites of 1995. Commissioner Kate Botengan of CHED is giving the Commencement Address.

ACCOMPLISHMENTS

Accredited Programs

The University has pursued quality and excellent education with its accredited programs as one of the indicators. The colleges with accredited programs are the following:

Level I Programs

- A. Graduate School
- B. College of Veterinary Medicine
- C. College of Agriculture
- D. College of Nursing
- E. College of Teacher Education
- F. College of Home Economics & Technology

Level II Programs

College of Arts and Sciences

Performance in Licensure Examinations

Another indicator of quality education is the performance of its graduates in professional board examination. The details are found

in Table 3.

For the year in review, 100% of the second batch of Nursing graduates passed the nurses licensure examination maintaining the 100% performance of the first batch of nursing graduates. It is one of the top-ten schools of nursing in the country. The graduates of Forestry on the other and, had a remarkable increase in board passers this year with 42 passers or 62%. The College of Home Economics and Technology had 11 or 52.6% passers in Nutrition and Dietetics and 6 or 54.5% passers in Home Economics. There were 5 out of 11 graduates of the college of Veterinary Medicine who hurdled the board examination. In the College of Teacher Education, 120 graduates or 37% passed the board examination (PBET). Only 1 out of 6 examinees passed the board examination in the College of Engineering. The mean percentage on passing rate of all the colleges is 51.0% and only 38.08% as the national passing rate, which means that BSU surpassed the national passing rate. Table 3 shows the board passers in the different programs of the University.

Table 3. Board Passers by Profession, 1994-95

PROGRAMS	NO. OF GRADUATES	NO. OF EXAMINEES	NO. OF BOARD PASSERS	RATING (%)	
				BSU:	NATIONAL
College of Nursing	61	62	62	100	61.33
College of Forestry	48	68	42	62.00	54.80
College of Teacher Education	172		120	37.00	18.36
College of Eng'g	7	6	1	16.00	19.00
College of Vet. Med.	18	14	5	35.00	31.00
Bachelor of Science in Nutrition & Dietetics	31	25	11	52.60	44.00
Bachelor of Science in Home Econ.	15	11	6	54.50	
TOTAL	352	186	247		
MEAN PERCENTAGE				51.00	38.08

Curriculum and Instruction Development Efforts

The upgrading of the quality of curricular offering for relevance and greater effectiveness is a continuing effort in all the colleges. Innovations and reforms were implemented during the year under review to meet the emerging needs of the student populace. These strategies of improving/enriching the curricular programs were initiated and

implemented through the leadership of the Vice President for Academic Affairs and the Deans of the Colleges. The significant innovations are as follows:

1. Changes and reforms in enrollment procedures were instituted through the Admission Office to improve students' enlistment;
2. The Monday-Wednesday-Friday/Tuesday-Thursday (MWF/TTH) scheme of class schedule was

changed to Monday-Thursday/
Tuesday-Friday (MTh-TF) in order
to make Wednesday free for
student and faculty activity.
This prevented the disruption of
classes which used to happen
during major student activities;

3. Enforced the use of Filipino
as a medium of instruction for
the Social Studies subjects;

4. Due to the decrease in
enrollment in the elementary and
secondary department, as
mandated by DECS, some secondary
faculty were realigned to the
tertiary level;

5. The conduct of Orientation
Program for freshmen and
transferees was changed to
include introduction of Univer-
sity Officials and that of
informing students on policies
pertinent to the library, school
fees and health including some
revisions in the Student
Handbook;

6. Upon the approval of the
Board of Regent and the
Commission on Higher Education,
the offering of the Bachelor of
Science in Environmental Science
under the College of Arts and
Sciences and two additional
major fields in the BSAB curri-
culum under the College of
Agriculture were implemented;

7. The establishment of Panrehi-
yong Sentro ng Wikang Pilipino

(PSWF) in BSU for the CAR
through a Memorandum of
Agreement was negotiated by the
Vice President for Academic
Affairs;

8. A resolution in support to
the opening of classes in
September was formulated and
endorsed for action of the
higher authorities;

9. Twenty(20) second and third
year college students were
endorsed by the VPAA for the
Japan Investment Consultant/ Dr.
Keichi Shimomura Scholarship.
The selection was proportional
to the number of students and
degree programs offered per
College and respective College
criteria;

10. Worked on the increase of
thesis/dissertation assistance
to faculty pursuing graduate
studies; to wit: P10,000.00 for
MS/MA and P20,000 for
Ph.D/Ed.D.;

11. Worked on revisions of the
BSU Code, Criteria for Teacher
of the year, criteria for
Administrator of the year,
policy guidelines for BSU-
sponsored scholarships and
grants not based on scholastic
achievement and policies on
hiring of teachers; and

12. Conducted the self-survey
accreditation of the College of
Home Economics and Technology.

STUDENT SERVICES

Serving an average of 6,415 enrollees per semester has been the primary concern of the university during the year in review. Services to students are not confined to the four walls of classroom teaching, but also includes maximizing their personal growth.

University Library Services (ULS)

For 1995, the existing library collection was enriched by the acquisition of additional books. The ULS has launched its Multi-Media Resources and Internet Services Section (MMRIS). This section aims to establish and develop alternative resources collection of audio-visuals and electronic media and to enhance and facilitate access to information thru multimedia as well as computer aided reference service.

Table 4 presents the print and non-print library resources acquired through purchase, gifts and exchange programs.

The newly acquired library resources both print and non-print were organized classified and catalogued. Linkage was established thru PCARRD with the Commonwealth Agricultural bureau (CABI) on the computerized database on vegetable crops.

The University Library attended to a total of 290,974 users which come from the studentry, faculty and staff and outside researchers.

About 220,630 reading materials were circulated to the users.

Table 4. Library Acquisition for 1995

MATERIALS	NO.OF VOL.
A.Print Resources	
Books	1,112
Thesis	384
Pamphlets	200
Serial Titles on Subscription both local and foreign	116
TOTAL	1,812
B.Non-Print Resources	
Slides	954
Video Cassette Tapes Beta Format 15 VHS Format 10	25
Audio-Cassette Tapes	5
Compact Disk	12
Poster Pictures	20
Maps	10
TOTAL	1,026

Office of the Student Affairs (OSA)

These services catering to students' development and welfare were coordinated by the Office of Students' Affairs (OSA). In the light of BSU's mission statement, the OSA's developmental thrust and function is to facilitate the students' personal growth and development through effective delivery of student personnel development services. Towards the achievement of this goal, the offices under the OSA have continuously provided student services through its service units such as the Guidance and Counseling Office, Placement Office, Student Financial Aid Office, Student Housing Office, Student Publication, Student Organizations, Socio-cultural and Campus Ministry and Testing Research and Materials Development Office.

The OSA established satellite offices in all colleges with designated coordinators. These satellite offices facilitated the coordination and implementation of programs and activities.

Guidance and Counseling. These services are integral in the educational scheme to help students maximize their potential for self-direction and self-actualization. This program has been extended to students the whole year round. At the start of the school year, orientation

of freshmen is done to help the students adjust to their new environment and be informed of the existing school rules and regulations and programs. Entrance admission test were given to entering college freshmen, high school and grade one pupils. Individual peer and group counseling were conducted to assist the students on their moral, personal and vocational difficulties.

Placement Office. The placement office assisted students seeking part time jobs and graduates seeking for employment. Employment agencies were contacted for information of job opportunities for BSU graduates. This office coordinated the Career Orientation seminar attended by 278 secondary senior students.

Housing Services. An average of 129 ladies occupied the ladies dormitory in 1995 while 95 students occupied the Men's dormitory. The two regular dormitory masters supervised the upkeep of the dormitory including the landscaping of the frontage of each dormitory.

Student Financial Aid Office (SFAO). The SFAO facilitates the delivery of educational assistance in the form of scholarships. Table 4 shows the list of sponsors and number of scholars in the different programs of the university. There were 469 scholars among the 6,415 enrollees for 1995. The scholars have

varied sponsors from government Inc., Rotary club, and JICG agencies as well as non- under Dr. Shimomura who government organizations like sponsored two scholars. the La Tondeña, PNB Foundation

Table 10. List of Scholarship Sponsors and Beneficiaries in the Different Programs

SPONSORS	BSA	BSA B	BS AE	BS AE NG	BS AT	BS E	BS ES	BE E	BS HE	BS N	BS ND	BS F	DV M	DA F	HM A	FRC	TOT AL
1. SSP						2							1				3
2. NISGP	10		1	7		7		1		5		1					32
3. SEGEAP	9		1	5		4		4		2	1	2	2				30
4. SPECIAL SEGEAP	26	1	3	11	1	13		6		10	1	2					74
5. SNLP-LBP	1			1													2
-DBP	1																1
-DECS	3									1							4
6. DOST	1			8								1		14			24
7 ONCC	1		1			1		2		1	1		1	1			9
8. DILG	24	7	16	19	3	26	1	34	3	4	4	4	2	4	2	3	156
9. LOCAL-Athletic	15		1		1	17	2	2		2		3		2			45
-Band	4				1												5
- Hi. Cultural Troupe	6			1		2		2				2		1			14
- Glee Club	1		2			2		2			1	1					9
- CBA	11	4		6	2	3		5		4	3	2	3	1	2		46
10 NGO-LaTondeña				1													1
-PNB Found. Inc.	1			1													2
- Zonta	1								2			1					4
- JICG	1	1															2
- Rotary Club																	4
- DKTTIFI																	1
TOTAL	110	13	25	60	8	77	3	58	5	29	11	19	9	23	4	3	469

Student Organizations. The OSA monitors the activities of 55 organizations: 26 co-curricular organizations and 26 extra curricular and religious organizations. There are other three major organizations: the Supreme Student Council, the Mountain Collegian, and BSU COMELEC which are being monitored by the OSA. The OSA facilitated 81 trainings to enhance the leadership capabilities of the officers of the organizations. As observed, the students have been greatly involved in the University programs which may be the result of these numerous trainings undertaken by the student leaders. One organization, Student Working Against Drug Abuse (SWADA) qualified as a finalist to the Ten-Outstanding Organizations of the Philippines (TOYOPHIL). A list of student organizations follows.

Co-curricular Organizations

1. Agribusiness and Economics Major Society
2. Agronomy Majors Society
3. Bio-Logos Society
4. Debating Club
5. Extension and Rural Development Volunteers Club (ERDVC)
6. Future Agro-foresters' Society
7. Future Agriculturist Society
8. Future Animal Technologist Society
9. Future Educators Society

10. Future Farmers' of the Philippines
11. Future Foresters' Society
12. Future Homemakers' of the Philippines
13. Horticultural Science Society
14. Language Act
15. Math Physics Statistics Society
16. Nursing Association of Responsible Students
17. Philippine Association of Nutritionists
18. Peer Counselors Association
19. Plant Pathology, Entomology and Sericulture Society
20. Phil. Society of Agr'l Eng'g.
21. Rodeo Club
22. Society of Agroforestry
23. Society of Animal Science
24. Samahang Filipina
25. Social Science Society
26. Veterinary Science Club

Extra-curricular Organizations:

1. College Red Cross Council
2. Student Working Against Drug Abuse
3. Cordillera Bodong Grantees Association
4. Ecology Student Organization
5. Benguet State University Glee Club
6. Benguet State University Grantees Association
7. BSU Interdependent Study Organization of Students
8. Kontad II
9. Youth Community Service Club
10. Venerable Knights Veterinary Fraternity

11. Venerable Lady veterinarians Sorority Athletic Org.
12. BSU Football Club
13. Cordillera Mountaineer's Club (BSU Chapter)

Religious Organizations

1. Student Catholic Action
2. Trendsetters 300
3. Youth Campus Challenge
4. Disciples for Christ
5. ICHTUS Christian Fellowship
6. Lakas Angkan Discipleship
7. AGAPE Campus Mission
8. Baptist Youth Impact
9. Campus Crusade for Christ
10. Life in Spirit Campus Ministry
11. Chosen Generation club

Others

1. Youth Conservation Corpse, BSU Chapter
2. Foreign Student's Association

Health Services Division

For this year, the University Clinic has responded to 1,723 consultations. Bulk of these consultations were students who were diagnosed to have respiratory problems and diseases of the head, eyes, ears, nose and throat (EENT).

Aside from students the clinic likewise caters to health problems of faculty and staff and even to community folks.



The Mt. Breeze, one of the Secondary High School Department's (SETD) student organizations. This organization which is in essence the official student publication of the SETD garnered several awards during the Secondary Press Conference in Abra. In photo are: Dr. Cipriano C. Consolacion, BSU President; Marah Alagon, Mt. Breeze Editor; Dr Esther R. Hufana, Vice Pres. For Academic Affairs and Prof. Dolores Bitc, MB Adviser.

The Youth Community Service Club (YCSC) BSU-Unit initiated a relief drive for the Lahar victims in Pampanga. The group also engage in community immerstions.



The University conducts relevant researches in response to needs and problem areas in so far as the institution and its service communities are concerned. The outputs of research are utilized to enrich its instructional programs and in support to its extension services and income generating projects.

The research and extension services of the University is coordinated by the office of the Vice President for Research and Extension. Directly under this office are the office of Research and Extension, Research and Training Centers, and Research Institutes. Faculty researchers are under their respective colleges except for those detailed in Research and Training Centers and Institutes.

The research center and institutes are: The Northern Philippines Root Crops Research and Training Center (NPRCRTC); Horticulture Research and Training Institute (HORTI); the Institute of Highland Farming System (HFI); the Special Agroforestry Project; and the Highland Socio-Economic Research Institute (HSERI).

Coordination of research undertakings of the University rests in the office of the Director of

Research. It has these major activities /accomplishments for 1995.

1. Prepared and reviewed research proposals.

2. Reviewed and updated the Research and Extension Policies and Administration Manual.

3. Prepared and submitted the inventory of BSU researches for CY 1995 including corresponding project profile as requested by DBM-CAR.

4. Prepared and submitted, as requested by DOST Central Office, the list of BSU funded research and development projects for implementation in CY 1995 and CY 1996 with corresponding budget including program/ project outlines and also the list of research projects implemented by BSU which are funded by other agencies.

5. Monitored research projects, prepared and submitted progress reports.

6. Coordinated the preparation of research reports and conduct of the BSU In-house R and D Review.

7. Assisted in the preparation of technology papers of selected BSU researches presented during the Regional R and D Highlights Symposium.

8. Provided individuals or groups with; research data, technical information, briefings on the research program, and guided tours to R and D projects.

9. Accomplished questionnaires on Survey of Research Offices /Units in Higher Education Institutions in the Philippines which included research objectives, research manpower profile, completed and on-going research programs/activities (1993-95), research trainings, publications, linkages, etc.

10. Prepared and submitted research budget for CY 1996 and CY 1997 as requested by the national DOST to support fund release.

11. Assisted in the design and construction of greenhouse for vegetable research out of the Country-side Development Fund (CDF) of Sen. Raul S. Roco. Picture found on page 57.

12. Spearheaded, during the Planning Workshop, discussion of concerns, analysis of performance of research services in CY 1995, and preparation of action plans for CY 1996.

Researches: Completed, On-going and Proposed

For the year 1995, there were 36 completed researches on the following crops: Rootcrops (14), ornamental crops (8), and vegetable crops (7). Twenty-eight (28) researches on the different crops and farming systems are still on-going. At least 8 research proposals are for implementation for 1996 and 6 research proposals are for evaluation. The University likewise initiated linkages for the conduct of joint researches and extension programs with GO's and NGO's a summary of the completed on-going and proposed researches are shown in Table 6.

Table 6. Summary of Researches Completed, On-going and Proposed by crops (CY1995)

CROPS	COMPLETED	ON-GOING	PROPOSED	
			FI	FE
Rootcrops	14	7	2	
Vegetable Crops	7	6	3	2
Fruit Crops	5	5		
Ornamental Crops	8	2	2	1
Farm Resources & Systems	2	4	1	2
Agro-forestry		3		
Highland Socio-Econ RI		1		
TOTAL	36	28	8	6

FI - For implementation

FE- For Evaluation

POTATO

1. In 15 kg infected soil placed in plastic bags under greenhouse condition, application of 0.3 g and 0.15 g urea alone or at the same rate the soil amended with 0.1g, 0.12g and 0.15 g lime (CaCO₃), or application of 0.15g lime only significantly suppressed the multiplication of bacterial wilt of potato (G.S. Backian & J.C. Perez).

2. Isolate #12 from corm roots had consistent antagonistic effect to *P. solanacearum* in laboratory bioassay and greenhouse experiment (T.C. Diccion & J.C. Perez).

3. Three sets of germplasm evaluation trials were conducted, two in Sayangan, Atok and one in Sinipsip, Buguias. In Set A, 5 out of 18 clones were selected, those with high yield and dry matter content with shallow eyes, acceptable chips and fries color, and high chip yield. In Set B, 7 out of

12 clones were selected with potential for processing. In Set C, 10 out of 36 clones were selected (E.O. Badol & V.B. Salda).

4. In Set A, P5 had the least late blight infection. Of the 14 varieties evaluated at different sites, P1 outyielded the other varieties at 32.1 computed per hectare. P6 had the highest dry matter content of 21.75%. In Set B variety Disco had the highest computed yield of 25.45 t/ha while variety Prucedent had the highest dry matter content of 20.5% (P.A. Dalang, J.C. Perez, & H. B. Torres).

5. With the farmers participating in Natubleng, Buguias, Benguet, progeny HPS 11/67 grown from TPS was selected because it was closest to variety Granola (check) in yield, shape, size and skin color. The progeny produced tubers with light yellow skin and yellow cream flesh. HPS 11/67 and HPS 7/67 had the highest acceptability for chip due to their good flavor and textural characteristics. For fries, both clones were moderately acceptable. However, these progenies

have deep eyes which might limit their use for processing. Dry matter ranged from 14-16% (H.B. Torres)

6. Two sets of true potato seed progenies were evaluated on-station and in the farmer's field. Set A advanced progeny trial, 23 entries and Set B- verification trial, 17 entries were evaluated in La Trinidad, Natubleng and Sinipsip, Benguet. Progenies were selected based on their yield and uniformity of tuber shape, size and skin color (E.O. Badol).

7. Parents of most promising available hybrids were tested for their ability to produce seeds under local short-days condition. In spite of intensive pollination, small quantity of seeds were produced per unit area planted. The percentage of fruit setting was quite high but the percentage of fruit dropping was very high. Based on cost and return analysis, it is not profitable to commercially produce hybrid TPS under La Trinidad, Benguet condition during short-day conditions (November to March). The cost of producing hybrid TPS is

very much higher than the value of the produced seeds (E.O. Badol, D.K. Simongo, and Z.N. Ganga).

SWEETPOTATO

1. Trials were conducted in three barangays of Kapangan, Benguet with farmer-partners. The selections from each site were combined and the final selections of post-rice trials are: NPSP 160 (Karumbasa), NPSP 69 (San Pascual), NPSP 98 (Ganga), NPSP 713 (Tocano), NPSP 372 (VSP6), L318, NPSP 08 (Wagwag), and NPSP 48 (Monglo) (B. A. Anselmo, E.O. Badol & Z.N. Ganga).

2. The trial was conducted in two sites at Sagubo, Kapangan, Benguet with the participation of farmers. Out of the 14 genotypes evaluated, 4 were selected. Storage root yield, color, and eating quality were the bases of selection. NPSP 110 (one of the selections) was perceived to have good taste. Most of the farmers were more inclined to select those which are of the "market type" (i.e. having red or purple skin) (E.O. Badol, B. A. Anselmo, and Z.N. Ganga).

3. A high dry matter content was observed from OPS 88 while the lowest was

obtained from NPSP 542, having potentials for utilization into bakery products. The bread processed from NPSP 542 has slight discoloration during processing. NPSP 713 is best for cookies and was the most acceptable in boiled form (H.L. Quindara & E.T. Botangen).

MINOR ROOT CROPS

1. Indigenous detoxifying methods of nami (*Dioscorea hispida* Deennst) are laborious and time consuming. An improvement for immediate food use is for nami tubers to be chipped 1.0 mm to 1.5 mm thickness, brine-soaked for one day, washed and rasped several times in water until wash water becomes clear. This is repeated three to four times a day. To improve chip quality, add sodium metabisulfite or finely strained "Lepay" extracts (V. B. Salda).

2. Postharvest losses in ginger range from 5% - 100% at harvest, the highest loss is due to diseased roots caused by *P. solanacearum*. Mechanical injuries are moderate and attributed to poor harvesting, transporting, other handling practices employed, and poor roads. Washing slightly contributed to mechanical

breakage of rhizomes but improved the appearance. Decay in storage was highest (100%) in roots obtained from infected farms and lowest (3%) in ginger obtained both from the swidden farms left to follow for one year and farms previously planted to sweetpotato. Other storage losses include weight loss, shrivelling, and sprouting (V.B. Salda).

ROOTCROPS IN GENERAL

1. Based on organoleptic evaluation, the shelf-life of root crops based products are as follows: potato chips - 20 days, camote mulido - 25 days, camote-cheese - 12 days, and ubi-cheese - 12 days (H.L. Quindara and E.T. Botangen).

2. The root crops product development activities include standardization of formulation, sensory and acceptability testing. The products developed are as follows: camo-berry combination of camote (40%) and strawberry (60%), cheezy camote-cheese-flavored camote candy, puto de camote - wheat flour is substituted with camote, maja de ubi, ubi flavored maja, gelatin-camote or ubi is added as flavoring (H.L. Quindara and E. T. Botangen).

VEGETABLE CROPS

1. CGP 11 A and CGP 14 are improved garden pea cultivars recommended for release as commercial varieties for high and mid-elevation areas (L.L. Tandang, R.G. Maghirang, et al.).

2. Greater yield of cabbage is obtained and clubroot infection is minimized by liming using CaCO₃ at 3 t/ha and application of 6 t/ha chicken manure (P.B. Alipit).

3. Clubroot infesting crucifers was found not to come from seeds. Observations showed that the more trichoderma in the soil, the less is clubroot infection. Crop rotation and checking soil acidity also minimized the incidence of the disease (S.P. Milagrosa).

4. Dicarzol 200 SP is effective against thrips infesting snap bean at 6 g/li water (E.V. Cardona, Jr.).

5. Application of chicken manure alone or combination of hog manure and urea increased the marketable pod yield of snap beans (F.S. Borja, et al.).

6. High remarkable yield when bush bean is planted 25 cm between hills in double row and grown with sweetpotato. Marketable yield of sweetpotato is highest when intercropped with bush bean spaced at 30 cm between hills in single row (F.S. Borja, et al.).

7. Carbon at 17.055, nitrogen at 1.47%, and pH at 5.6 enhance high yield of oyster mushroom with the use of rice straw + 15% rice bran + 15% sugar (B.S. Tad-awan, et al.).

FRUIT CROPS

1. High marketable yield of strawberry with the application of 19 t/ha cow manure plus 114 kg N-P205-K20/ha using 14-14-14 (E.T. Balaki).

2. Higher yield and income when the triple row method of planting strawberry is followed (E.T. Balaki).

3. Bokashi at 1.6 t/ha,, effective microorganism (EM) at 6.4 t/ha plus 114 kg N-P205-K20 from 14-14-14

increases yield of strawberry (E.T. Balaki).

4. The greater number of aphids was observed at Sitio Payda on account of more old banana plants grown by farmers. No aphids were observed on banana plants grown at Sitio Mangi and Pedawan. Dippig variety had the highest number of aphids which is attributed to the long pseudostem that harbor more aphid colonies (B.S. Ligat).

5. Japanese Summer orange, Unshiu mandarin, Hamlin, Mayer and Lisbon lemons have production potentials in Los-oc, Tublay; in Central Sablan, Summer orange, Navel orange and Unshiu mandarin, and in Bilis, Sablan, Summer orange and Hamlin could bear fruits (A.C. Tipayno).

ORNAMENTAL CROPS

1. Although the 10 carnation cultivars from the Netherlands evaluated performed well under La Trinidad, Benguet conditions, Dusty was observed to have the most flowers of bigger size while 'Sciania' 3 C' has the longest vase life. (F. Angyab & A.G. Ladilad).

2. Among the chrysanthemum cultivars tested, 'Anemone Yellow' had good flower retention and leaf color, larger flowers, longer and bigger stems. Spray mum as a cultural practice enhanced better flower retention and leaf color with bigger flowers and stems (P. Mangoba & A.G. Ladilad).

3. Among the gladiolus evaluated, 'President de Gaulle' had the most flowers per spike, 'Alice' and 'Spring Green', had larger flower, 'Maximally Rose' had longer floral spike, while 'Grandiflora' had the longest vase life. More corms were harvested from 'Rose Supreme' while 'Alice' produced the most cormels (S. Tambiac & A.G. Ladilad).

4. Using bulb segments of 2-4 mm as explants can be used in the in vitro culture of liliiums using MS + 10 mg IAA/li water (Z. Sevidal & A.G. Ladilad).

5. Bulb scale explants of African violets 'Heide' and 'Dolly' cut at 1 sq.m. pieces responded positively to in vitro culture consisting of MS + 10 mg Iaa/li water.

6. Flowering was significantly earlier with the application of 15 g 17-17-17/sq.m (A.G. Ladilad & M.B. Navarro).

7. Application of 2 t/ha chicken manure is sufficient to promote optimum growth and reproductive development of English daisy in addition to either 60-60-60 or 80-80-80 kg N-P205-K20/ha using 14-14-14 (A.G. Ladilad & J. Mangosan).

8. Bush bean, cabbage, green onion, celery and Chinese cabbage can be intercropped with rose to maximize land use and have additional income (P. Waklin & A.C. Ladilad).

9. Cultural management, post-harvest handling and marketing practices of cutflower growers in Benguet was done on anthurium, chrysanthemum, gladiolus, rose, cala lily, shasta daisy and statice. Problems encountered and recommendations to resolve the constraints were given (L. Abad, J. Afuyog, A. Esguera, C. Contero, E. Licpaen, Y. Esiong, E. Dao-anis & A. G. Ladilad).

FARM RESOURCES AND SYSTEMS

1. Approval and release of 2 rice varieties for CAR namely: PSB RC 44 (Gohang), adaptable to areas with low to midelevation (1,500m), irrigated lowland areas, especially for dry sea-son. PSB 46 (Sumadel), for low elevation, irrigated lowland (1,000 m), especially for wet season (M.D. Cadatal).

Technology Awards

BSU garnered the first and second best technologies developed presented during the 1995 Regional R & D Highlights Symposium conducted by HARRDEC as follows:

1st - Improved garden pea varieties - L.L. Tandang, et al.

2nd - Intercropping vegetables with rose to increase farm income - A.G. Ladilad and F. Waklin.

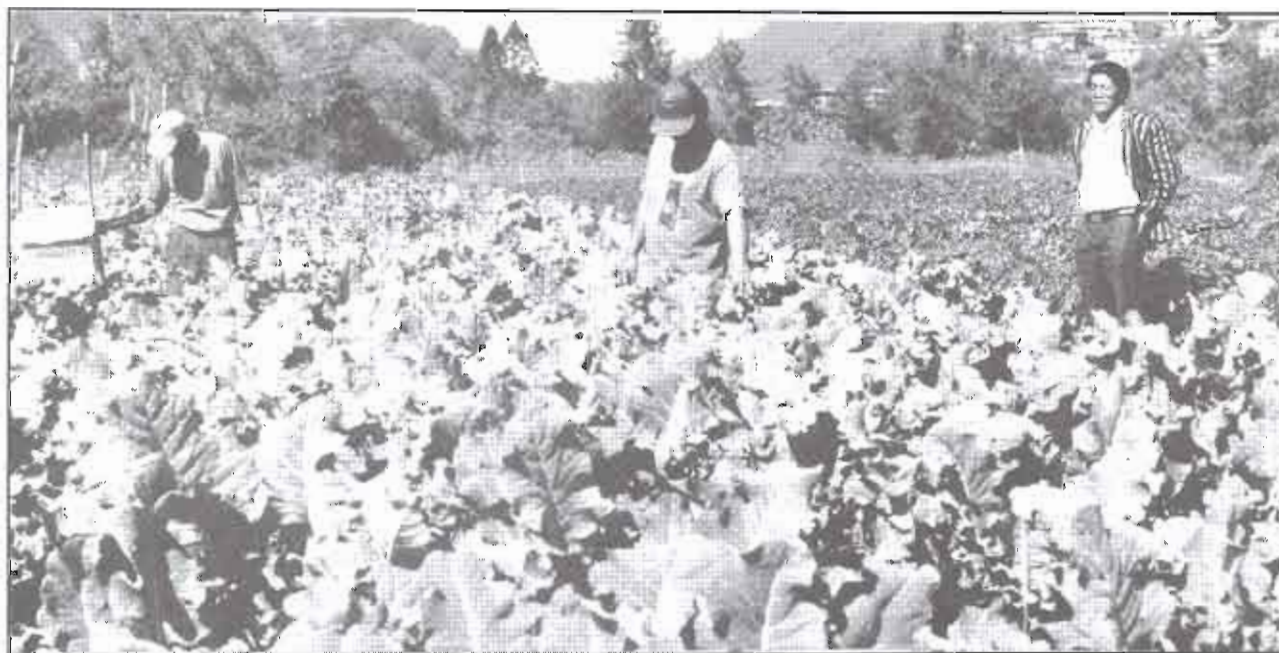
Research Income

The following research Centers and Institutes had remitted research income to a total of P40,956.99:

<u>Name</u>	<u>Amount</u>
NPRCRTC	P9,000.00
HORTI	12,105.00
HAFI	<u>19,851.99</u>
TOTAL	<u>P40,956.99</u>



Prevention of clubroot disease and increased yield of cabbage with the application of lime at 3 t/ha calcium carbonate and organic fertilizer, chick-en manure at 6 y/ha.



Commercialization of matured technologies such as Integrated Pest Management (IPM), use of high yielding and late blight resistant potato varieties, appropriate cultural management, and marketing strategies.



One of the NPRCRTC's service is the disease clinic. The soil is being analyzed for bacterial wilt



Sweetpotato taste test for the farmers or consumers is one of the participatory approaches in the selection of the sweetpotato germplasm at the NPRCRTC.



Bush beans and other vegetable crops can be intercropped with rose to maximize land use and have additional income.

Extension, one of the four functions of Benguet State University, operationalizes its mandate of bringing the University to the villages by working directly with the target clientele; the farmers, housewives, out-of-school youth, development agents, teachers, extensionists and other specialized groups.

For the year under review, there were 6 outreach programs: 14 training programs and 4 other on-going development projects conducted. The details of these programs are described as follows:

Outreach programs. One of the priority needs of the municipality of Tublay is water for irrigation and domestic use. The Sangguniang Bayan of Tublay appropriated P95,000 for the conduct of a Feasibility Study (FS) to determine the actual needs, water sources and funds needed. The FS is being conducted by the BSU Extension Office.

Integrated Farming Systems. In the Municipalities of Atok, Mankayan and Kibungan where the Farmers Field Schools (FFS) were established, regular lecture series were conducted on the following subject areas: Insect Pest identification, Integrated pest Management, Soil Testing and Analysis, Fertilizers and Organic Farming. Faculty from the Crop Protection Department were tapped for this purpose.

Banana Rehabilitation Program.

This is a joint project of PCARRD, BPI and BSU. BSU was assigned the extension aspect. Pilot projects in Bayabas, Sablan, Benguet were established. Already 15,000 plantlets were distributed to 100 cooperators. The farmers have already harvested the fruits of the first crop with six average number of hands per bunch and 100 average number of fingers.

During the last three months of 1995, the municipalities of Kibungan, Buguias, Tublay and Tuba were given suckers for piloting. Technical assistance was also extended to Tuba farmers on the control of pests and diseases of bananas.

Fish Dispersal. In coordination with DA-CAR - Fisheries Division, the three rivers: Amburayan River in Kapangan; Upper Agno River in Buguias and Ambuklao Dam in Bokod, all in the province of Benguet were seeded with 3,000 tilapia fingerlings each. Monitoring of these fish dispersal will be done by the DA Fisheries Division based at the Benguet State University.

Sweetpotato Cuttings. As an offshoot of the rise in rice prices, the women of Kibungan Central requested for planting materials from Northern Philippines Root Crops Research and Training Center (NPRCRTC) to plant in their municipal garden which shall serve as a sweetpotato nursery for the municipality. They claim that the project is a prelude to a widespread

cultivation of sweetpotato as one means of ensuring food security.

Training Programs Coordinated

Diadegma Dispersal. in coordination with the Diadegma Project at BSU, the Atok Municipal Science and Technology Accelerated Project (MSTAP) brought more diadegma to the rearing house in Atok to beef up its diadegma population.

The Extension Office coordinated numerous trainings in collaboration with the different units of the University. Table 7 shows the type of training and the number of trainees who participated in each trainings.

Table. 7. Trainings Conducted/Coordinated (1995)

Title of Training	Inclusive Dates	No. of Participants/ Beneficiaries
1. Poultry Production Kibungan, Benguet	January 19, 1995	74
2. Dressmaking Asin, Tuba, Benguet	Jan. 6-26, 1995	30
3. Teaching Strategies & preparation of Self-learning modules & Low-cost instructional materials		
- BSU High School Teacher	March 7, 1995	20
- Bauko, Mt. Province	March 10-11, 1995	65
- Atok, Benguet	April 3-4, 1995	70
- Pines City NHS	June 30-July 2, 1995	150
- Upper Bauko (Elem & HS)	Nov. 16-17, 1995	130
- Sabangan District	Dec. 7-8, 1995	84
4. Orchid Growing BSU, La Trinidad, Benguet	April 5-7, 1995	18
5. Cooperative Development Mankayan, Benguet	May 4, 1995	50

6. Soil Erosion Control Kabayan, Benguet	July 24, 1995	45
7. Hands-on Training on Mushroom BSU, La Trinidad	August 14-16, 1995	4
8. IPM Seminar Kayapa, N. Vizcaya (DA-ERP-BSU)	August 2 & 23, 1995	25
9. Training on Socio-Economic Profiling - Alno La Trinidad, Benguet (POPCOM-BSU)	August 14-15, 1995	25
10. Hog production & FMD Tawang, La Trinidad,	Sept. 29, 1995	35
11. Orientation on Council Functions and Rules of Order Atok, Benguet	Oct. 31, 1995	45
12. Cooperative Development(PMS) Sablan, Benguet	Nov. 21, 1995	35
13. Seminar on Pest and Disease of Bananas, Nangalisan, Tuba, Benguet (DA-BSU)	Nov. 24, 1995	37
14. Meat Processing	Dec. 3, 1995	43

Other On-going Projects

Other on-going projects coordinated by the Extension Office are the Cutflower Demonstration Greenhouse, Apiculture Project, Community Mobilization for Population Resources and Environment Programs and Techno-Fair.



The Diadegma Rearing House located at BSU. A total of 131,381 Diadegma cocoons were produced in this rearing house in 1995. The diadegma, a parasite on diamond back moth which infests crucifers, were released to municipalities of Benguet and Mt. Province and also to State Colleges: DSAC, Indang, Caviti; CLSU, Nueva Ecija and NVSIT, Nueva Vizcaya.



A training course on Orchid Culture and Postharvest Technology. Seated from left to right are the resource speakers: Prof. Balaki, Dr. Casiwan, Dr. Ladilad (Director, DOST-CAR), and Dr. Villanueva.



Farmer's Montly Meeting. Farmer beneficiaries of the Banana Rehabilitation Program meet and share their experiences in banana production. In this meeeting around 45 farmers were present.



Distribution of disease-free banana plantlets to farmers of Bayabas, Sablan. According to Prof. Bonifacio Ligat, Project Leader, more than 15,000 plantlets were distributed for 1994-1995. The project is a joint undertaking of the UPLB, DA-LGU of Sablan, BPI and BSU



Dispersal of Tilapia fingerlings in different areas in Loo, Buguias. The Project is a partnership between DOST-CAR and BSU



Training on Production of Low Cost Audio Visual Materials for secondary teachers. Resource person Maribel Z. Palazo is from the Secondary Education Training Dept. BSU.

State Universities are expected to augment the government subsidy with income from production projects. Table 22 shows the income of the University derived from various income generating projects.

Table 22. Income Generating Projects and Financial Report of Operation for the Period Ending December 31, 1995.

NATURE OF PROJECT	PROJECT MANAGER	GROSS RECEIPTS	EXPENSES	NET INCOME (LOSS)
REVOLVING FUND 161				
Food Processing	J.K. Avila	1,629,141.95	1,234,122.32	395,019.63
Poultry	D. Dumapis	2,399,258.55	2,353,553.26	46,005.29
Cattle	B. Luis	21,000.00	2,010.00	18,990.00
Mushroom	B.Tad-awan	40,760.00	-	40,760.00
	J. Luis	4,803.70	14,301.50	(9,497.80)
Floriculture	M. Dickson	24,880.00	9,360.00	15,520.00
Swine* (June-Dec.95)	M.Walsiyen	89,700.00	107,316.81	(17,616.81)
Swine (Jan-May 95)	M. Atinyao	209,990.00	121,771.32	88,218.68
Agro-Forestry	B. Dimas	216,200.29	129,363.03	86,837.26
Amianan Tramp'n	Admin.	172,591.00	65,541.94	107,049.06
Bakery	M. Tabanda	1,099,976.05	870,756.30	229,219.17
Strawberry & G.Pea**	A. Tipayno	305,655.50	291,845.14	13,810.36
Vegetable Prod'n	L. Pacuz	114,426.00	179,703.75	(65,277.75)
Multi-Vegetable**	A. Kiswa	15,000.00	219,444.50	(204,444.5)
REVOLVING FUND 163				
Cafeteria	R. Garcia	3,894,121.34	3,349,963.15	544,157.19
Eng'g Canteen	R. Garcia	373,525.43	330,260.56	42,764.80
Guestel	R. Alonzo	246,458.51	302,585.16	38,876.35
Home Mgmt House	R. Alonzo	213,975.00	72,923.80	141,051.20
Dormitories	E. Bosoy & D.Chichioco	177,738.63	217,343.13	(39,604.50)
Vet. Clinic	Dr.Cotiw-an	4,594.00	43.00	4,551.00
Others:	H.Patacsil	77,397.00	40,800.00	36,597.00
Whiteprints/Plans (Infrastructure)				
Interest earned from time deposit for remittance to the National Treasury				87,325.04

*No inventories taken because of the FMD that has presently attacked the stocks.

** The project is still on-going, there are still standing crops.

SOURCE: ICU Annual Report,1995.

As shown in the above table, the aggregate net income for all income generating projects was P1,936,752.03, whereas the total income for the year 1994 was P1,573,297.31, so there was an increase of P363,454.72 or 23.10 percent.

The top earners in 1995 were the Cafeteria, Food Processing and Bakery.

MANPOWER RESOURCES

MANPOWER PROFILE

As of December 1995, there were 265 teaching personnel and 251 non-teaching personnel or a total of 556. The details of the manpower profile of the University is shown in Table 8.

Table 8. Status Profile of Personnel as of December, 1995

PARTICULARS	TEACHING		NON-TEACHING		TOTAL	
	No.	%	No.	%	No.	%
Itemized Permanent	256	49.61	218	42.25	474	91.86
Itemized Temporary	9	1.74	5	.97	14	2.71
Casuals	0		28	5.42	28	5.43
TOTALS	265	51.36	251	48.64	516	100

Table 8 shows that there were 256 faculty with permanent status and 9 faculty with temporary status. As to the status of the 258 non-teaching personnel; 218 were permanent, 5 were temporary and 28 were casual employees. The faculty were 51.36% of total, while the non-teaching were 48.64%.

The distribution of the non-teaching group is shown in table 9. A great bulk of the non-teaching personnel come from the general administration group, 48.21% followed by the researchers consisting of 37.05%. The Auxiliary group is 11.55% of the non-teaching group. The least of the non-teaching personnel are the 8 librarians who are all serving the students in all levels in the main University library.

Twenty-five (25) or 9.96% of the non-teaching personnel had movement during the year, 14 were promoted and 10 had change of status. Only one was newly appointed as shown in table 10.

Table 9. Distribution of the Non-teaching Personnel, CY 1995

JOB DISCRIP-TION	NUM-BER	PERCENTA GE
Researchers	93	37.05
General Administration	121	48.21
Librarians	8	3.19
Auxiliary	29	11.55
TOTAL	251	100.00

Table 10. Non-teaching Person- nel Movement in 1995

NATURE OF MOVEMENT	NUMBER
Promotion	14
Temporary to permanent	3
Casual to Permanent	6
Casual to Temporary	1
Newly appointed	1
TOTAL	25

The distribution of faculty is shown in table 11. It shows that the College of Teacher Education has the highest number of faculty composing 28.30% of the whole faculty. This includes the teachers in the elementary and secondary laboratory schools.

The College of Agriculture has the highest enrollment and

offers 9 major courses which account for the big number of faculty members, 24.91 percent. The college of Arts and Sciences follows having the greater number of teachers 63, or 24.15%. This is due to the fact that the basic foundation courses in all the colleges are taught in this college.

Table 11. Faculty Distribution by College

COLLEGE	NUMBER	PERCENT
CA	66	24.91
CAS	64	24.15
CAET	10	3.77
CF	10	3.77
CHET	13	4.91
CN	9	3.40
CTE	75	28.30
CVM	12	4.53
IPES	6	2.26
TOTAL	265	100

For the year under review, Benguet State university has a total of 265 plantilla positions of the faculty in the different Colleges and Institutes. There are 9 casual instructors to meet the needed faculty in the Colleges.

Table 12 shows the distribution of faculty by academic rank and gender. It shows that 71 faculty or 26.79% hold the rank of Professor; 79 or 29.81% are Associate Professors; 79 or 29.81% are Assistant Professors and 36 or 13.59% are Instructors.

As to gender, there are more female professors than the males. It follows the national trend that the teaching profession is dominated by the

females.

Twenty-seven have obtained the highest academic rank of College Professor and Professor VI. Based on the plantilla of personnel, these Professors have doctoral degrees with length of service ranging from 16 to 39 years in government institutions. On the other hand, the 19 Instructors with the lowest academic rank are the young and newly employed faculty from 1992 to 1995.

Table 12. Distribution of Faculty by Academic Rank and Gender

ACADEMIC RANK	NUMBER	PERCENTAGE	GENDER	
			M	F
College Prof	2	0.75	1	1
Professor VI	25	9.43	11	14
Professor V	5	1.89	1	4
Professor IV	2	0.75	0	2
Professor III	9	3.40	7	2
Professor II	12	4.53	5	7
Professor I	16	6.04	3	13
Sub-total	71	26.79	28	43
Asso Prof. V	41	15.47	16	25
Asso Prof. IV	14	5.28	4	10
Asso Prof. III	10	3.77	4	6
Asso Prof. II	8	3.02	3	5
Asso Prof. I	6	2.27	1	5
Sub-total	79	29.81	28	51
Asst Prof. IV	38	14.34	12	26
Asst Prof III	9	3.40	5	4
Asst Prof. II	10	3.77	2	8
Asst Prof. I	22	8.30	10	12
Sub-total	79	29.81	29	50
Inst III	9	3.39	5	4
Inst II	8	3.01	4	4
Inst I	19	7.17	9	10
Sub-total	36	13.59	18	18
GRAND TOTAL	265	100	103	162

Source: Plantilla of Personnel: HRMO

FACULTY WORKLOAD

The BSU Code provides that all University personnel with academic rank shall teach. The required workload of a member of the faculty is 18 to 21 units per semester. Workload units is computed on the basis of actual teaching and/or combination of teaching, research, extension, production, administrative and other forms of actual assistance to students (Table 13)

The faculty in the College of Forestry, College of Nursing, College of Teacher Education are few and yet they have a great number of students to be served. This is a significant indicator that the main task of teaching students was given top priority by every faculty member in all the colleges.

As shown in table 13, the average workload of the faculty in the University is 20 units more or less.

Table 13. Average Faculty Workload by College

COLLEGE	IST SEM	2ND SEM
College of Agriculture	14.92	15.43
College of Arts & Sciences	21.75	20.95
College of Engineering & Applied Tech	17.05	17.05
College of Forestry	20.85	27.35
College of Home Economics & Technology	18.18	17.91
College of Nursing	25.00	27.00
College of Teacher Education	21.25	24.16
College of Veterinary Medicine	19.14	19.55
Institute of Physical Educ & Sports	23.67	25.50
UNIVERSITY	20.20	19.73

EDUCATIONAL ATTAINMENT OF FACULTY

Of the 265 faculty members, there are 57 or 21.51% with doctoral degrees; 113 or 42.64% with masteral degrees and 95 or 35.85 with bachelor's degrees. It has been observed that with the common criteria of evaluation used in all State Colleges and Universities, every faculty member strives to merit his own promotion through

advanced studies, professional trainings, scholarly research and publications, expert services and participation in professional or technical services. As shown in Table 14, the faculty in all the colleges have been pursuing graduate studies. The College of Agriculture has the highest number of doctoral and masteral degree holders. Next in rank as to holders of graduate degrees is the College of Arts and Sciences.

Table 13. Distribution of Faculty by Educational Attainment per College

COLLEGE	BS	MA MS	PhD EdD	TOTAL
College of Agriculture	12	32	22	66
College of Arts & Sciences	15	32	17	64
College of Eng'ng & Applied Tech	5	4	1	10
College of Forestry	6	3	1	10
College of Home Econ & Technology	5	7	1	13
College of Teacher Education	32	30	13	75
College of Veterinary Medicine	11	0	1	12
Institute of Physical Educ & Sports	3	3	0	6
TOTAL	95	113	57	265
Percentage	35.85	42.64	21.51	100

FACULTY AND STAFF DEVELOPMENT PROGRAM

Professional development is essential in enhancing competence among the faculty. To meet the commitment of the University of providing quality education to its clientele, faculty members pursued higher degrees along their lines of specialization.

Scholarship grants were provided to faculty members in pursuing higher degrees. During the year under review, there were 30 on-going scholars. Fifteen of these scholars started their advanced studies in 1995, 9 in 1994 and 6 in 1993. They are therefore in various stages of completion of their scholarship programs. Table 15 shows the scholars, their specialization, their sponsoring agency, the University where they are studying and the period of study.

As shown in Table 15, 23 of these scholars are in the doctoral program (Ph.D), and 7 are in the Master of Science

(MS) program.

The scholars have different sponsors with 10 of them funded by foreign agencies while the rest are sponsored by Department of Science and Technology (DOST), Philippine Council for Agricultural Resources Research & Development (PCARRD), and Philippine Association of State Universities and colleges (PASUC). A great number are funded by Benguet State University Faculty Development Fund.

The College of Agriculture has the most number of scholars. Most of them are enrolled at UP, Los Baños. Eight are enrolled abroad in the Universities of Australia, Belgium, and Hong-kong. The other scholars with specialization in other academic areas are taking their advanced studies in this University and other local universities and colleges.

There were also trainings with two months duration undertaken by some faculty and staff abroad (Table 16).



A brief program is done after flag ceremonies as a means of updating the faculty and staff with developments.

Table 15. Scholarship Grants for Faculty (on-going)

NAME	: DEGREE-Specialization	:UNIVERSITY	:PERIOD OF STUDY	: SPONSORING AGENCY
<u>DOCTORAL DEGREE</u>				
ABEN, Silvestre K.	Ph. D Horticulture	Univ of Western Sydney	Feb 24, 1995 - Feb. 28, 1999	AIDAB
SALDA, Violeta B.	Ph.D. Agronomy	Univ of Hongkong	May, 1995- Mar , 1998	- UH
ALEJANDRO, Vilma	Ph.D. Horticulture	Univ of Ghent	Feb.1994- Mar, 1997	- BSU-RUG
CARDONA, Eulogio	Ph.D. Entomology	Univ of Ghent	Feb. 1994- Mar, 1997	- BSU-RUG
PADUA, Danilo	Ph.D. Agronomy	Univ of Ghent	Feb. 1994- Mar, 1997	- BSU-RUG
BALAOING, Lory	Ph.D. Home Econ.	Phil Women's Un	June, 1994 May, 1997	- BSUFDP
COLTING, Lita M.	Ph.D. Entomology	UPLB	June, 1994- May, 1997	- DOST
LAUREAN, Carlito	Ph D Soil Science	UPLB	June, 1994- May, 1997	- PCARRD
BOCALAN, Ramon	Ph D Agric'l Educ	BSU	Nov, 1993- Oct. 1996	- (Partial- Local)
FANG-ASAN, M. D.	Ph D Rural Dev	BSU	June, 1993 May, 1996	- DOST
MAGPALA, Asuncion	Ph D Plant Patho	UPLB	June, 1993 May, 1996	- PCARRD
RAMOS, Charito	Ph D Crop Science	Univ of New Engl New South Wales	June, 1995- June,1999	- USAID
TAD-AWAN, Bernard	Ph D Crop Prod'n	Univ of Adelaide South Australia	July, 1995- July, 1999	- ASTAS
VICTOR, Florencia	Ph D Filipino	UP, Diliman	June, 1994- May, 1996	- BSUFDP
LANDO, Lily Ann D.	Ph D Plant Patho	UP Los Banos	June, 1995- May, 1998	- BSUFDP
ATINYAO, MarleneB.	Ph Animal Science	UP Los Baños	June, 1995- May, 1998	- PCARRD
COMILA, Felipe S.	Doctor of Pub Adm.	UP, Diliman	Nov, 1995- Mar, 1998	- JSFAY
LEE, Gloria R.	Doctor of Pub Adm.	UP, Diliman	Nov, 1995- Mar, 1998	- BSUFDP
TAGARINO, Darlyn	Ph D Agr'l Science	Univ of Ghent Belgium	May, 1995- Nov, 1995	- BSU-RUG
BIBAL, Milagros M.	Ph D Food Science	UP Los Baños	June, 1995- May, 1998	- BSUFDP
BUASEN, TOMASA P.	Ed.D. Admn. Sup.	BSU	June,1995- March, 1996	- BSU
SANDOVAL, AUREA M.	Ph.D. Genetics	UPLB	June, 1995- May, 1996	- DOST

NAME	DEGREE: SPECIALIZATION	UNIVERSITY:	PERIOD OF STUDY	SPONSOR
<u>MASTER'S DEGREE</u>				
MACASIEB, Genaro	MS-Quaternary Geology	Univ of Brussels Belgium	Sept, 1994- Aug, 1996	- BADC
SAGALLA, Lily D.	MS- Physical Science	BSU	June, 1994- May, 1995	- BSUFDP
CAPINDING, Maximo	MS- Practial Arts	Tarlac State U	June 1993- May, 1995	- (Partial- local)
ONG, Susan H.	MS- Nursing Primary Health Care	St. Paul U & Phil. Center for Pop'n & Dev	June 1995- March 1996	- BSU-St Paul Uni
MACASIEB, Evelyn	MS - Nursing Primary Health Care	St. Paul U & Phil. Center for Pop'n & Dev	June 1995- March 1996	- -do-
BATTAD, Criselda	MS-Veterinary Public Health	UP LB	June 1993- March 1996	-PASUC
SANO, Adoracion K.	MS-Home Economics	BSU	June 1995- May, 1996	- Partial- local

Table 16. Trainings Attended by Faculty and Staff Abroad

TRAININGS	:TITLE OF TRAINING : SPECIALIZATION	PERIOD OF TRAINING	:PLACE OF TRAINING
ANTONIO, Samson	Training on Welding	Feb - May 1995	K. Taiwan
VICTOR , Priscilla	Administrative Mgmt	Apr-June, 1995	ASTAS, Australia
MACANES, Valentine	Sericulture	Jul-Sept, 1995	KTCP, Korea
FAGYAN, Alexander	Soil Survey	Aug. 1995-July 1996	The Netherlands
CARDONA, Eulogio V.	FAO/IAEA Regional Trng	Nov 6-12, 1995	Japan
ANSELMO, Belinda A.	8th International Course on Biological & Physical Aspects of Crop Production in Arid Regions	Dec. 6, 1995- Jan. 25, 1996	Israel

Trainings and Seminars Attended by Faculty per College

Aside from the scholarship program enjoyed by some faculty, trainings with a duration of two months or more were offered to some faculty and staff. Table 6 shows the trainees, kind of training and the countries where these trainings were offered.

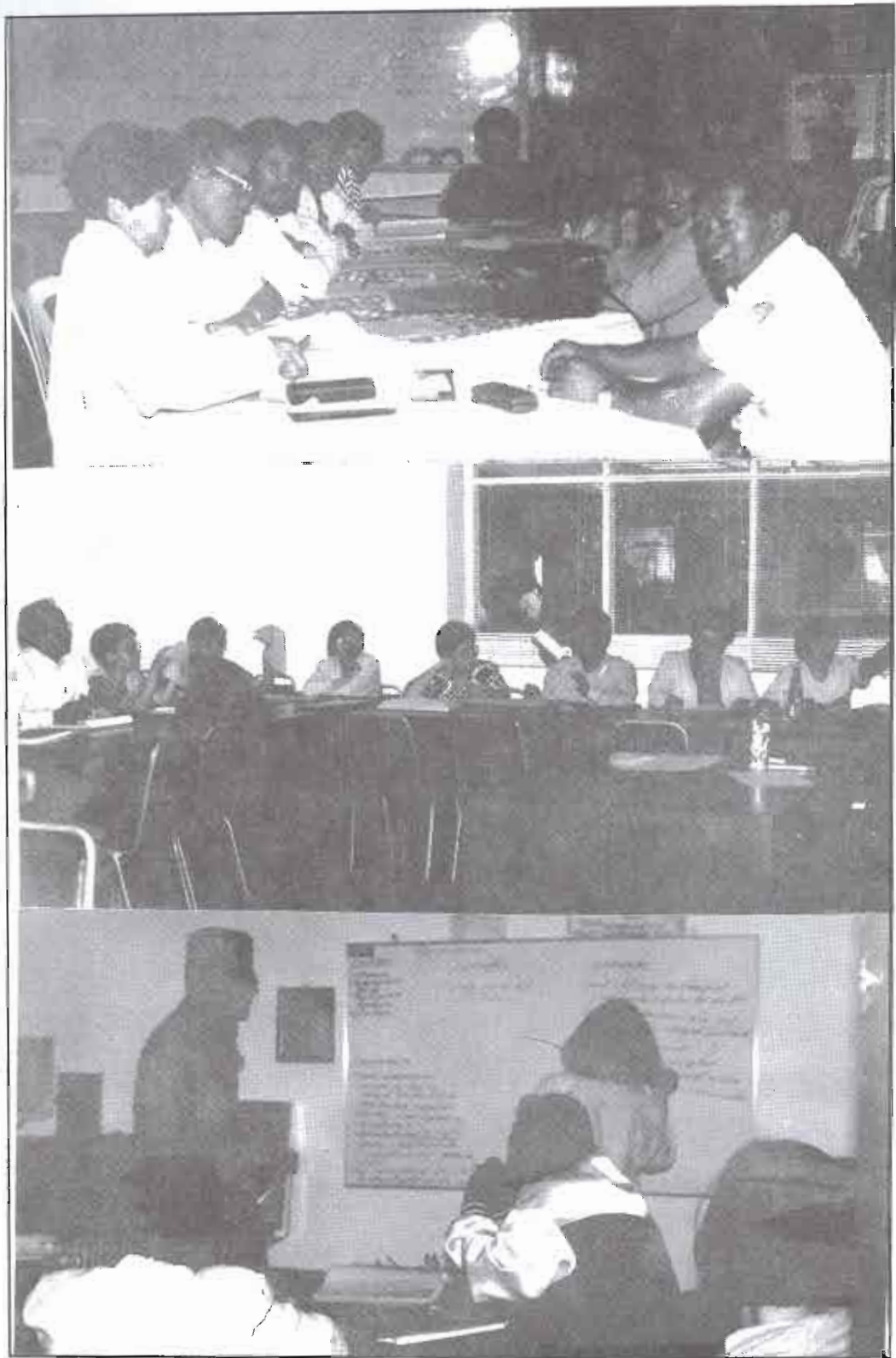
The faculty in the eight colleges and the Institute of Physical Education and Sports have undertaken a total of 240 trainings or seminars during the year in review. The number of trainings and seminars attended by the faculty per college is shown in Table 17.

Table 17. Number of Trainings/Conferences/Seminars Attended by the Faculty per College

COLLEGE	Number
COLLEGE OF AGRICULTURE	65
COLLEGE OF ARTS AND SCIENCES	62
COLLEGE OF ENGINEERING & APPLIED TECHNOLOGY	13
COLLEGE OF FORESTRY	10
COLLEGE OF HOME ECONOMICS & TECHNOLOGY	21
COLLEGE OF NURSING	16
COLLEGE OF TEACHER EDUCATION	36
COLLEGE OF VETERINARY MEDICINE	15
INSTITUTE OF P.E. & SPORTS	2
TOTAL	240



Convocation on Home Economics as a profession and a discipline



Planning Workshops on December 18-19, 1995. The participants were from the Administration, the Instruction and the Research Group.

TRAINING ATTENDED BY THE ADMINISTRATIVE AND RESEARCH GROUP

To start the school year 1995, right; President Consolacion enjoined all heads of offices and representatives from the colleges to participate in the seminar-workshop in "Institutional Building." This seminar-workshop set the proper mental frame of each participant to commit his/her share in terms of efficiently carrying his role to achieve the goals of the university.

On the other hand, in line with the Moral Recovery Program of the government, Benguet State University in cooperation with

the Civil Service Commission responded by providing "Values Orientation Seminar-Workshop" to a great number of the personnel. The said seminar-workshop was done in three batches attended by 121 personnel. The pictorials which follow shows some interesting sessions participated in by the personnel during the seminar-workshop.

A number of representatives from the administration were also sent to national and regional seminar to update them with new developments along their tasks. Table 18 indicates the nature of training, the sponsoring agency and the number of personnel who attended the training.

Table 18. Trainings Attended by the Administrative Group

TITLE OF TRAINING	SPONSOR	NO.OF STAFF
Institution Team Building	PCARRD-BSU	60
Values Orientation Workshop (VOW)	CSC-BSU	121
Supply Management	NGASOAPI	3
Productive Interventions on Supply Mgt	PASUC-GSOAPI	3
Foremanship Management	CSC	1
Sexual Harassment	CSC	2
Accounting & Auditing for Research	PCARRD	3
Property & Supply Management	COA	3
Nat'l Training for Registrar & Staff o	PASUC-UNP	2
Product Standards and Accreditation	DTI	2
TOTAL		200

The research group also had their share of relevant trainings related to upgrading their skills as research and development personnel. Table 19 gives the training undertaken by the researchers.

Table 19. Trainings/Seminars Attended by Researchers (1995)

TITLE	SPONSOR	PERIOD	NO. OF PERSONNEL
Training on Plant Conservation	IPGRL, PCARRD, VISCA	Nov. 2-26, 1995	1
Seminar on IPM	BSU-CA,	Oct. 27,	1
IPM on Potato Late Blight Training Workshop	SAPPRAD, NPRCRTC, CIP	Oct. 2-5, 1995	1
Technology Transfer Workshop	NAPHIRE, DA	Oct. 24-26, 1995	2
Training Workshop on R & D Information Service	PCARRD, HARRDEC	Sept. 13-15, 1995	2
Statistical Designs, Data Analysis and Interpretation	HARRDEC, BSU	Sept. 18-26, 1995	2
4th UPWARD Annual Meeting	UPWARD, Indones	Sept. 18-21	2
Potato Study Mission in USA	ASAP	Aug. 19-31	1
Orientation sem. on the Accounting and Auditing Manual for Research Operation (AAMRO)	PCARRD, HARRDEC	July 1, 1995	5
Seminar-Workshop on Project Proposal Preparation	BSU Found.	July 5-12, 1995	3
3rd Asia-Pacific Food Analysis Network Conference	Metro Manila	Nov. 12-18, 1995	1
Postharvest Seminar Workshop	NAPHIRE	May 3-4, 1995	1
Postharvest Handling of Fresh Produce	UPLB	March 30-April 3, '95	1
Potato Study Mission	Thailand	March 19-24	1

IPM for Highland Vegetables	DA-BSU	Feb.1-May 31	1
UPWARD Review Seminar	UPWARD, LB	Mar 2-4	1
CIP Seed Potato Proj.S-W	CIP, Australia	Feb.13-17	1
Inter-regional Sciences and Technology Consultative Workshop	DOST, BSU	Feb. 11, 1995	1
Inter-regional Workshop in TPS Production and Utilization Transfer of Technology	Medipuram, India	Jan. 13-31, 1995	1
NAST Annual Convention	NAST-PICC, Mla	July, 1995	1
Zone1-Northern Luzon Network of R & D Inst. Planning Workshop	PCARRD, DMMSU	May 22-23, 1995	2
Continuing Education Prog on R & T Mgmt	PCARRD	Aug.30-Sept 1, 1995	1
Seminar-Workshop on the National Seed Industry Development Program	DA-BPI	Sept. 6-7	1
First Zonal Center Planning Workshop (Zone 1)	DMMSU, PCARRD	Nov.16-17	1
Pop'n, Environmental and Peace Convention	Earth Council Manila	June15-17	
Nat'l Symposium Workshop on Groundwater Resources R & D, DAP	PCARRD	May 29-30, 1995	1
Basic Video Production	PCARRD, HARRDEC	Nov.17-26	1
16th Annual RACO Workshop	PCARRD	Dec.4-7	1
Training on Tilapia Prod'n	DMMSU	Oct.16-20	1
Int'l Seminar on conservation of Agri'l Produce through Postharvest Science and Technology, Makati	JSPS, DOST, TUA, UP LB, SAEDA	Nov.10-14, 1995	1

VALUES ORIENTATION WORKSHOP



Activity on "Tinig ng Bayan Pakinggan"



Group presentation - "Mabuhay ang Pinoy"



Like a young seedling, values have to be nurtured in order to grow and be a part of our personality.



The participants pledged "Commitment to service", the key to effectiveness and efficiency.



Each participant light their candle from the main candle until all the participants have lights signifying the value of teamwork.



A participant giving her impressions on the activity. On the background are, CSC-CAR facilitator: Cornelia Padinay, Vice President Carlos T. Buasen and other participants from the faculty and non-teaching staff.

AWARDS

One gauge of excellence in the academe is the performance of faculty and students manifested by awards garnered by the faculty and staff and students during competitions in the provincial; regional and national levels. The competitions in curricular as well as co-curricular activities compare the efficiency of BSU with other schools regionwide as well as nationwide.

Table 20 shows the list of awardees, the nature of the award and the sponsoring agency.

Table 20. Awards of, Faculty, Staff, Students and Organizations of BSU

AWARDEE	NATURE OF AWARD	SPONSORING AGENCY
<u>FACULTY & STAFF</u>		
1. CIPRIANO C. CONSOLACION University President	Outstanding Ilocano Educator	University of Northern Philippines (UNP)
2. ZENAIDA N. GANGA Director, NPRCRTC	Ten Outstanding Scientists (TOYS) of the Phil. Professorial Chair holder Best paper award, 1st Place	NAST, 1995 PARRFI (1994) HARRDEC (1994)
3. LEONCIA L. TANDANG	Best Scientific Award	HARRDEC
4. ARACELI G. LADILAD	1st Runner Up: Best Scientific Award	HARRDEC
5. TESSIE M. MERESTELA	Professorial Chair Holder Most Creative Award (S & T Techno trade Fair, 1994)	PARRFI DOST-TAPI-BSU

AWARDEE	NATURE OF AWARD	SPONSORING AGENCY
6. WILFREDO R. ESTOLAS	Best Articles (Six Articles)	HARRDEC
7. EDWIN T. BALAKI	Professorial Chair (1994) Regional Award	PARRFI
8. VILMA D. ALEJANDRO	Special Award (S&T Techno Fair, 1994)	DOST-TAPI-BSU
9. ROGELIO D. COLTING	Professorial Chair Holder (1994)	PARRFI
10. LUZ C. DEBAD	Special Award (S&T Techno Fair, 1994)	DOST-TAPI-BSU
11. JANET S. LUIS	Most Original Award (S&T Techno Fair, 1994)	DOST-TAPI-BSU
12. BENJAMIN B. DIMAS	Most Relevant Award (S&T Trade Fair) (1994)	DOST-TAPI-BSU
13. JOCELYN C. PEREZ	Best Paper Award (3rd Place), 1994 Professorial Chair Holder, 1994	HARRDEC PARRFI
14. BERNARD S. TAD-AWAN	Best Information Dissemination Category, 1994	HARRDEC
BSU	Plaque of Recognition for its Outstanding Services in the Field of Education	Municipal Government
STUDENTS		
1. AZLIZON BAWANG Secondary Laboratory	Ten Outstanding Boy Scouts of the Phil.	Boy scouts of the Phil.
2. MARA ALAGON Secondary Laboratory	Highest Pointer, National Schools Press Con. 1995	DECS, Secondary Division
3. BEN LUIS, Jr. Secondary Lab.	First Place- Regional Science Fair & Quiz	DOST-CAR

4. CIPPRIANO CONSOLACION, JR. Secondary Lab.	Regional Champion- Math Quiz & Third Placer - National Math Quiz	DOST-CAR DOST-NATIONAL
5. FELY BADAY College of Agriculture	Best Debater, National Debate, Phil. Senate	Population Commission
6. BRIAN BEBITA College of Agriculture	Third Place: Extemporaneous Speech YMCA Annual Inter School Academic Olympics	INCA
7. MARU G. LADILAD College of Nursing	Third Place: Essay Writing YMCA Inter School Contest Benguet Representative to the National POPCOM Essay-Writing Contest	YMCA POPCOM
9. ALBERT FORONDA College of Nursing	Second Place - Poster Design Contest	YMCA
10. VICENTE PANAGAN, Jr. College of Nursing	Athlete of the Year Third Place: 110M High Hurdles (Prov'l Meet) Second Place: 110 High Hurdles (CARAA)	DECS-CAR Benguet Div. DECS-CAR
11. ABEL CADIAS College of Teacher Educ	2nd Place: Oration YMCA Inter-school Academic Olympics Best Debater: Debate CCDC & BSU	YMCA YMCA
12. JAO-JAO SOMAYDEN College of Home Econ & Technology	1st Place: Quiz Bee Annual Inter-school Academic Olympics	YMCA
<u>CLASSES & ORGANIZATIONS</u>		
1. Future Farmers of the Philippines and Future Agricultural Homemakers of the Philippines	Second Place: FFP Agriculture Second Place: FFP Trade First Place: Literary Musical First Place: Agric'l Homemakers of the Phil.	

2.College of Home Econ & Technology	Best Strawberry Tart Best Strawberry Candy	DA, DOST, DTI
3.College of Agriculture BSA Majoring in Animal Husbandry	Third Place and Cash prize of P10,000-National Animal Science Quiz	Phil. Society of Animal Science
4.College of Veterinary Medicine	Third Place: First Round contest of RODEO	
5.BSU-ROTC	Championship in CAR Annual Administration and Tactical Inspection	
6.BSU-SWADA Student Organization	Finalist to the Ten Outstanding Organization of the Philippines	TOYOPHIL
7.BSU Non-teaching Assoc. (BSUNTA)	Certificate of Recognition	GAWAD-Kalinga Convenors Group & Civil Service Com



AZLISON BAWANG (center), a BSU Senior Student was adjudged one of the Ten Outstanding Young Boy Scouts (TOBS) of the Philippines. On the background are (L-R): Mr. Bial Palaez, Dr. Cipriano C. Consolacion, Atty. Ed. Queno, Cong. Cosalan's Representative, Dr. Salvador Serrano and 1994 TOBS awardee Victor Tacio.



Dr. ZENaida NISPEROS-GANGA, NPRCRT Director (Center) one of the Ten Outstanding Young Scientist (TOYS) awardees for 1995. At the left is PCAARRD Executive Director Dr. William D. Dar, also a TOYS awardee in 1983-84 and in the right is BSU President Dr. Cipriano C. Consolacion



PHYSICAL RESOURCES

Landscaping

The University has acquired a trim and attractive look through the face-lifting of the physical facilities and the landscaping of the grounds within the campus. This was made possible through the "Clean and Green" program participated in by all the colleges, student organizations, faculty and staff particularly the laborers and janitors from the different units.

The flower boxes seen around the campus were constructed out of the donations of BSU retirees and faculty of the University. The most recent donation was the kiosk in front of the College of Arts and Sciences. This was donated by Dr. Keichi Shimomura, Executive Consultant of Japan Investment Consultants, Inc.

Infrastructure

The total capital outlay for the year in review was 15.9 million which was distributed to the different on-going infrastructure projects. Table 14 shows the amount used up, budget and sources of fund.

Landuse

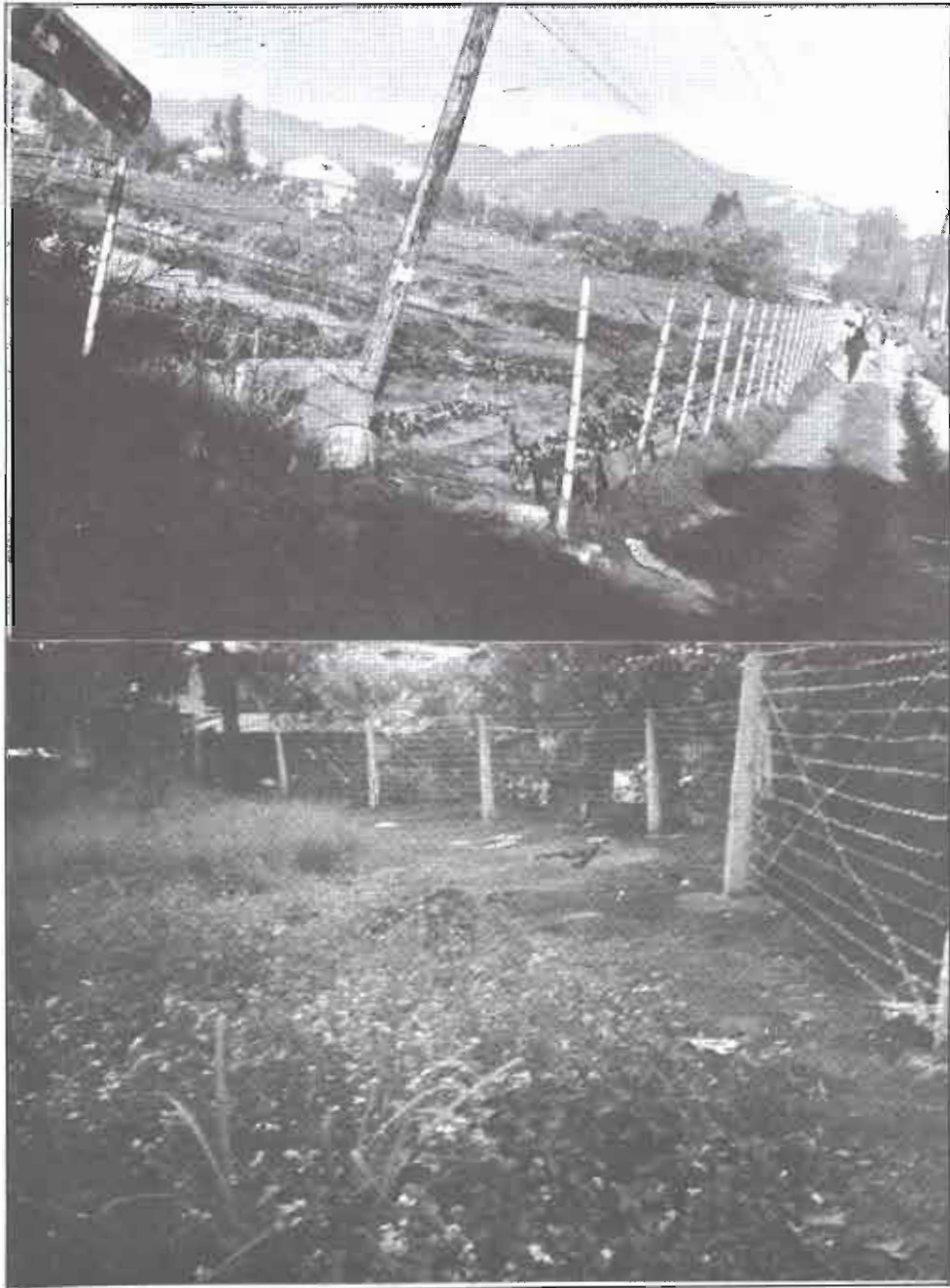
Most idle lands were transformed into profitable

establishments/worthwhile projects like:

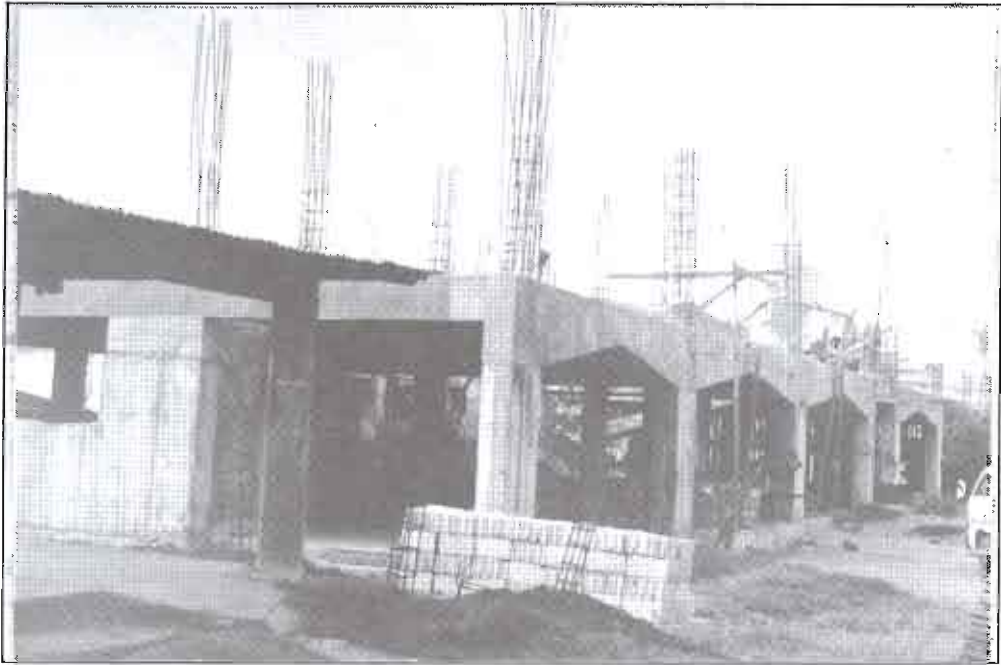
- BSU Orchidarium. The once swampy & idle area more or less 2,000 sq. meters located in the housing area, was elevated and transformed into an Orchidarium. This was inaugurated last Oct. 29.
- Betag Satellite Market. through the initiative of the Betag Barangay Council, market stalls were erected in 200 sq. meters in Betag. The school collects a modest amount of P5.00/day from each stall.
- Shiitaki Mushroom Project. This project covers 1.5 hectares in the Ampasit area.
- Greenhouses. Seven greenhouses were constructed. Six under the Extension Office and one under the Research Office. According to Dr. Julia A. Solimen, Director for Extension, these were constructed to showcase improved technology on major crops in the area. The other greenhouse, under the Research Office was constructed thru the countryside development fund of senator Raul Roco. Through a MOA with BSU, the ATI-NTC constructed one greenhouse to highlight the SIASMA, an organic system of farming.

Table 21. Status of On-going Infrastructure Projects as of Dec. 1995

NAME OF PROJECT	CONTRACT PRICE	AMOUNT BILLED	PERCENT -AGE OF COMPLETION	SOURCE OF FUNDING
1. Roads & bridges	P470,930.30	P470,930.00	100%	Cap.outlay
2. Perimeter Fencing				C. outlay
a. Site I	180,306.00	137,393.17	76.20%	
b. Site II	178,751.65	123,016.88	68.82%	
c. Site III	59,056.80	59,056.80	100%	
d. Site IV	510,608.79	no billings	-	
3. College of Nursing Phase III	1,552,496.00	886,164.71	57.08%	C.Outlay & CDF For. Cong.S. Dangwa
4. College of Forestry	2,760,000.00	2,242,224.00	81.24%	C. Outlay
5. Veterinary Medicine Animal Lab. Bldg.	717,324.15	507,148.17	70.70%	C. Outlay
6. College of Arts & Sciences	2,410,842.00	1,808,131.50	75%	C. Outlay
7. College of Teacher Education	2,534,402.00	1,297,613.82	51%	CDF Sen. R. Roco
8. College of Home Econ (Repair-Sec.H.E. bldg)	759,107.65	504,199.30	66.32%	C. Outlay
9. Greenhouse - Veg. research	399,150.24	343,269.20	86%	CDF Sen. R. Roco
10. Greenhouse(7 units)	703,000.00	703,000.00	100%	Gen.Fund 101
11. Shimomura Gazebo	87,000.00	87,000.00	100%	Donated by Dr.K. Shimomura, Exec. Consultant, JICI



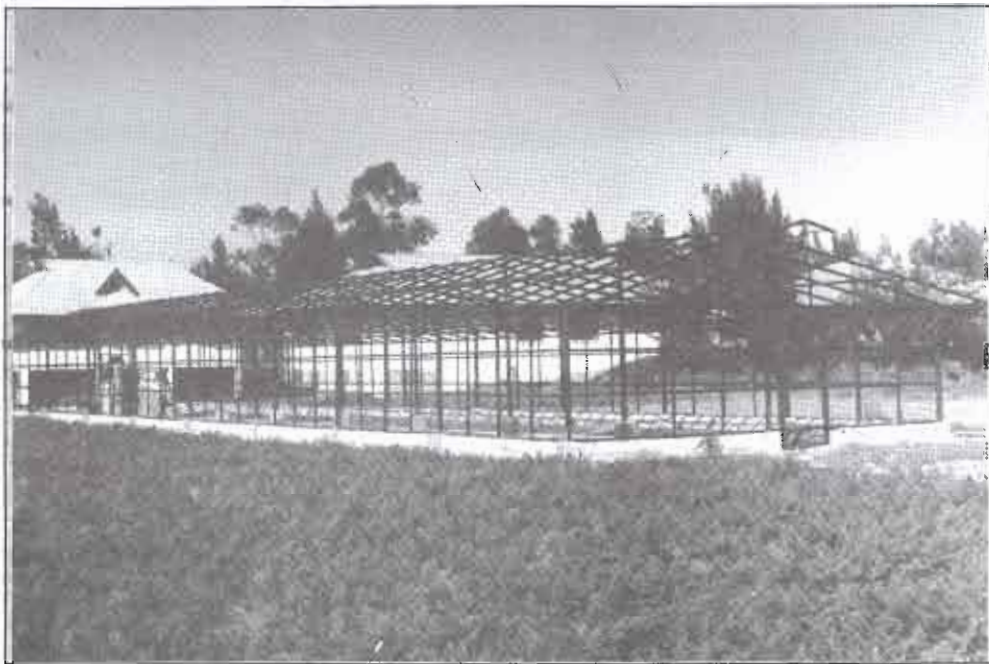
Perimeter fencing of the boundaries of BSU at the main campus



On-going construction of the College of Nursing



On-going construction of the College of Forestry



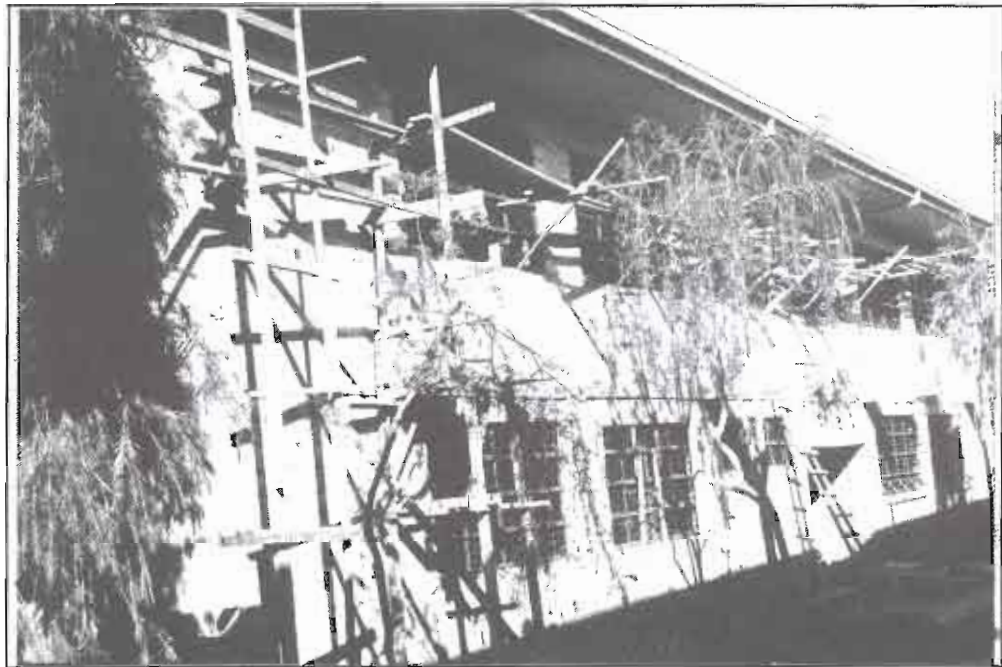
The constructed greenhouse for vegetable research



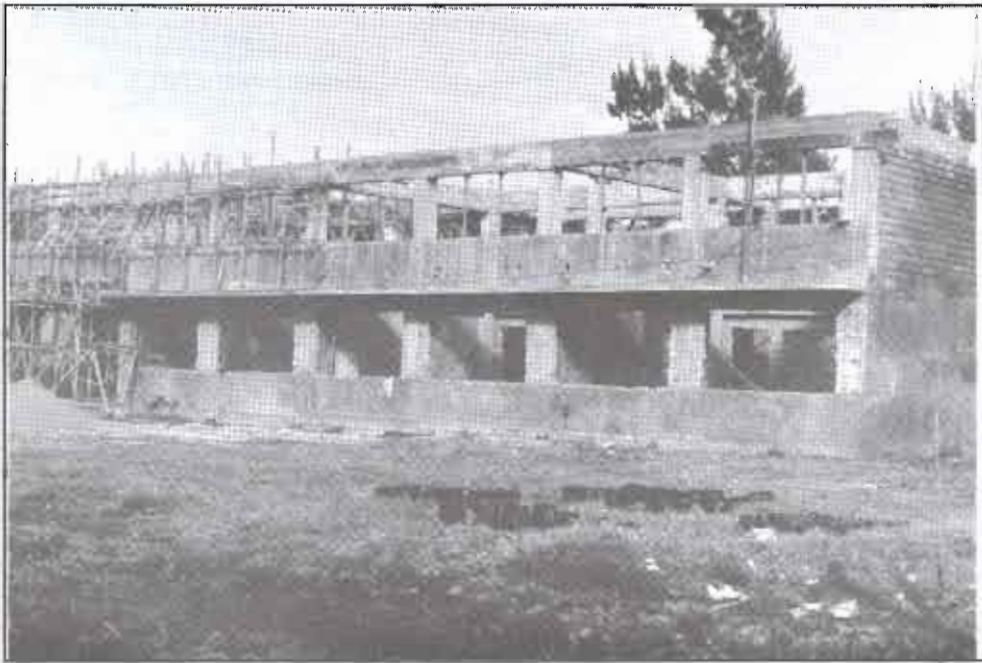
The seven greenhouses which upon completion were immediately planted with crysanthemum, anthurium and other ornamental plants



The Veterinary Medicine Animal Laboratory Building



On-going construction of the College of Art and Sciences



On-going construction of the College of Teacher Education Building



Extension & repair of the Home Economics Building. The hall on the second floor could be used for conferences, it could house 50 people.



Dr. Shimumora giving a message during the inauguration of the Kiosk he donated.

FINANCIAL RESOURCES

The Financial Services Division is composed of the Budget, Accounting and Cashiering Units and is responsible in the allocation, disbursement and accountability of Gov't funds in the University.

For Calendar year 1995 the total appropriation of the University from the National Government amounted to P95,061,843.00.

This amount includes:

P100,000- from the Countrywide Development Fund of Congressman Victor Dominguez;

P800,000-Congressional Initiative of congressman Samuel Dangwa for the completion of the College of Nursing Building;

P5,000,000-Special Budget from the use of income from the General Fund(101) to cover the release of appropriation for student welfare programs, projects and augmentation of allotment for capital Outlay of the University.

Hereunder is a statement showing the total appropriation, obligations of BSU

during the year ending Dec. 31, 1995:

REGULAR APPROPRIATION

A. PERSONAL SERVICES (Itemized)

Salaries	<u>P48,967,000.00</u>
PS- OTHERS (100-10)	
Student labor	185,000.00
Casual/contractual	1,981,000.00
Overtime	594,000.00
RATA	432,000.00
Faculty and Staff Dev.	314,942.00
Bonus & Cash Gift	4,173,596.00
Add'l Compensation	2,928,000.00
PERA	2,748,000.00
Honoraria	1,340,000.00
Terminal Leave	578,831.98
Substitute	189,000.00
Clothing Allowance	647,000.00
Subsistence Allowance	54,000.00
Laundry Allowance	3,000.00
PIB	1,114,000.00
Step Increment	297,000.00
Others	60,000.00

Sub-total	P17,639,369.98

Total for PS	P66,606,369.98
	vvvvvvvvvvvvvvvv

MAINT & OTHER OPTG EXPENSES (200) :

02 Travelling Expenses	P364,900.00
03 Com'n Services	200,000.00
04 Rep/maint facilities	250,000.00
05 Rep/maint vehicles	80,000.00
06 Transp'n Services	15,000.00
07 Supplies & mat	2,772,850.00
10 Grants & Cont'n	237,509.50
14 Water/Light/Power	1,187,150.00
15 Social Sec Ben	2,192,630.43
17 Trng & Sem exp.	510,743.15
18 Extra-ord & Misc.	40,000.00
23 Pub. & Advt'g Exp	45,000.00
29 Other expenses	<u>1,523,339.94</u>

TOTAL MOOE (200)	P9,419,123.02

TOTAL CURRENT OPTG EXPENDITURE	P76,025,493.00
	vvvvvvvvvvvvvvvv

CAPITAL OUTLAYS (300-32):	
34 Land & Land Improvements	
Perimeter Fencing	<u>1,415,000.00</u>
35 Bldg & Structures	
1.Const. of CVM bldg.	950,000.00
2.Comp'n. of Greenhouse	1,425,000.00
3.Cons. of Forestry Bldg	2,850,000.00
4.Cons. of AS Bldg	2,265,800.00
5.Repair of HE bldg	950,000.00
6.Const. of CN bldg.	<u>800,000.00</u>
Sub-total	P9,600,800.00
36 Eqpt & Books Outlays	<u>2,820,550.00</u>
37 Work Animal Outlays	<u>200,000.00</u>
TOTAL CAPITAL OUTLAYS(300)	<u>14,036,350.00</u>

Bonus & Cash Gift	4,978,010.50
Add'l compensation	2,637,697.26
PERA	2,376,977.68
Honorarium	P1,392,323.24
Terminal Leave	587,441.34
Substitute	153,870.48
Monetization	674,579.15
Subsistence Allowance	51,300.00
Laundry Allowance	2,850.00
Loyalty Bonus	47,500.00
Board Allowance	22,000.00
Productivity Incentive Bonus	995,627.29
Step Increment	6,403.47
Clothing Allowance	<u>732,000.00</u>
Sub-total	<u>P18,013,247.20</u>

TOTAL PERSONAL SERVICES P66,367,664.48
xxxxxxxxxxxxxxxxxx

SPECIAL BUDGET ON THE USE OF INCOME(1001)

A. MAINT & OTHER OPTG EXPENSES(200):	
02 Travelling Expenses	100,000.00
03 Communication Services	50,000.00
04 Rep/Maint of Facility	200,000.00
05 Rep/maint of vehicle	550,000.00
17 Trng & sem. expenses	61,166.00
29 Other services	300,000.00
Sub-total	-----
TOTAL MOOE	P1,261,166.00
	vvvvvvvvvvvvvv

MAINT & OTHER OPTG EXPENSES(200):	
02 Travelling Expenses	P508,321.68
03 Comm'n Services	217,590.58
04 Rep/Maint of Facility	338,203.74
05 Rep/maint of Vehicle	626,495.55
06 Transp'n Services	5,500.00
07 Supplies & Mat	2,810,762.79
10 Grants & Cont'n	279,530.00
14 Water/light/power	1,294,417.72
15 Social Security Ben	2,192,630.38
17 Trng & Sem Expenses	550,273.34
18 Extra-Ord. and Misc.	39,999.42
23 Pub. and Advt'ng Exp.	33,998.80
29 Other services	1,782,673.62
Sub-total	-----
TOTAL MOOE (200)	<u>10,671,397.62</u>

TOTAL CURRENT OPTG EXP. P77,039,062.10

B. CAPITAL OUTLAYS	
35 Bldg & Structures	
Outlay	
1. Completion of Nursing bldg	P1,200,000.00
2. Rehab. of Student dorm (old)	<u>1,000,000.00</u>
Sub-total	<u>P2,200,000.00</u>
36 Eqpt Outlays	1,255,086.00
Books	283,748.00
Sub-total	<u>P1,538,834.00</u>
TOTAL CAPITAL OUTLAYS	<u>P3,738,834.00</u>
GRAND TOTAL	<u>P5,000,000.00</u>
TOTAL APPROPRIATION	<u>95,061,843.00</u>

CAPITAL OUTLAYS(300-32):	
34 Land & Land Improvement	P455,565.80
35 Bldg & Structures	8,916,377.52
36 Eqpt & Books Outlays	4,151,313.75
37 Work Animal Outlays	197,089.40
Sub-total	-----
TOTAL CAPITAL OUTLAYS(300)	<u>P13,720,346.47</u>

Prior Year's(cont'g appr'n) 4,320,301.56

GRAND TOTAL P95,079,710.13
vvvvvvvvvvvvvv

OBLIGATIONS INCURRED:

A. PERSONAL SERVICES	
(Itemized) SALARIES	<u>P48,354,417.28</u>
PS - OTHERS(100-10):	1,974,384.77
Student labor	181,614.31
Casual/Cont'l	
Overtime	517,127.16
RATA	339,200.00
Faculty and Staff Dev.	342,340.55

The total Cash Allocation received for 1995 were as follows:

Personal Services	P71,752,277.00
Maint. & Other OPTG exp	10,604,651.00
Capital Outlays	9,132,607.00
Sub-total	-----
TOTAL CASH ALLOCATION	<u>P91,489,535.00</u>
	vvvvvvvvvvvvvv

There was still unfunded allotments of P7,475,586.51, to wit:

AA s' Current	P813,474.00
Accounts Payable	2,232,804.66
Cont'g Approp'n	<u>4,429,307.85</u>
TOTAL UNFUNDED AA'S	<u>P7,475,586.51</u>

The total income for General Fund (101) which were remitted to the National Treasury amounted to P5,792,097.99. Out of this income realized, a special budget of P5,000,000.00 was requested to cover the release of appropriation for student welfare programs, projects and augmentation of allotment for Capital Outlay of the University.

The following income account were as follows:

Tuition fees	P2,638,180.51
Adding/changing/dropping	16,821.50
Athletic fees	106,567.20
Certification	69,825.00
Diploma	61,433.00
Entrance	63,186.00
Evaluation	1,895.00
I.D.	47,871.10
Laboratory fees	1,018,243.86
Library	410,206.50
Late registration	40,970.00
Matriculation	197,343.00
Medical/Dental	240,941.00
Out-of-State Fees	12,026.50
Official Trans. of Records	24,415.00
School Shares	528,770.98
Rentals	4,255.00
Spoilage	2,645.00
Misc., Plans, etc.	150,045.84

GRAND TOTAL	P5,792,097.99
	vvvvvvvvvvvvvv

During the Calendar year 1995, the University Personnel were granted financial benefits, to wit:

1. Salary differential as a result of NCC74 & NCC69
2. Year-end Christmas bonus & cash gift
3. Step Increment
4. Cash Loyalty Award
5. Monetization of earned leaves
6. Productivity and Incentive bonus
7. Clothing allowance
8. Subsistence and laundry allowance to our medical staff
9. Hazard Duty Pay

LINKAGES

During the year under review, BSU continued to strengthen its existing ties with government and non-government agencies. Other venues of cooperation were explored and was partially accomplished through the travels of the President here and abroad.

These linkages with other institutions of higher learning and other government as well as non-government agencies have enriched BSU's quadruple functions of instruction, research, extension and production. The nature of the collaborative tasks between BSU with the other agencies were formalized through memoranda of agreement forged by both agencies.

ACADEMIC LINKAGES

BSU-State University of Ghent

There had been collaborative activities with the State University of Ghent, Belgium through Professor Dr. Jacques Viaene. The exchange professors from the University of Ghent helped in BSU's research and development activities for about two years.

Dr. Koen Lambert, a soil specialist, assisted the Department of Soil Science strengthen its curricular

offerings and to source our funds to support research activities. And Dr. Lambert's wife, Ir. Goosens assisted the BSU Forestry programs and helped the BSU Graduate School Dean in developing a Geographic Information System (GIS) for the Cordillera. The GIS program was intended to provide information to farmers.

Presently, four faculty from the University are in Belgium to pursue further studies.

BSU-Sangju National Polytechnic University (SNPU)

BSU entered into a consortium with the Sangju National Polytechnic University, Republic of South Korea on faculty and student exchange program. Initially, two (2) batches of Korean students came for a three-week-intensive English Training in BSU. BSU student leaders and some members of the faculty will be going to Korea in the near future.

BSU-Komisyon sa Wikang Filipino

The commission on the Filipino Language or the Komisyon sa Wikang Filipino (KWF) has established a regional center at BSU.

The center is working along the following areas: research and education on

dialect and literature in the Cordilleras; enhancement of expertise in teaching and in the usage of the Filipino language; preparation and production of teaching materials on the usage of Filipino as a medium of instruction; training of division heads and employees of line agencies on the usage of Filipino as the official medium for communication and correspondence in line with EO No. 335, s. 1988 and facilitate the effective implementation of bilingualization in consonance with DECS Memo No. 52, and 54 s. 1987.

RURAL DEVELOPMENT LINKAGES

BSU-Pilipinas Shell Foundation, Inc. (PSFI)

The Benguet State University and the Pilipinas Shell Foundation, Inc. (PSFI) has launched the Sanayan sa Kakayahang Agricultura (SAKA) or the Agricultural Skills Training Program for the province of Benguet.

The SAKA program will assist out-of-school youth and farmers acquire knowledge and skills on new appropriate technology. The technology to be introduced would be low input, ecology-friendly and sustainable agriculture. Beneficiaries of this program will be constituents of

communities covered by Plan International in Benguet.

BSU-National Manpower Youth Council

A tie-up project of the National Manpower and Youth Council (NMYC) and BSU entitled Livelihood Training and Skills Development Center was established for all interested parties wishing to learn special livelihood skills to form a part of their hobby or possibly prepare them to venture into commercial production.

There are courses offered for six (6) months and one (1) month. Only a minimal amount will be needed to learn a craft. After finishing the course, trainees are required to undergo on-the-job training from companies and establishments with referral letters to be secured from NMYC.

BSU-Philippine Coconut Authority (PCA)

BSU and the Philippine Coconut Authority (PCA) has entered into a memorandum of agreement with BSU raising about 10,000 hybrid coconut seed pieces in the nursery for distribution to Sablan, Tuba, Itogon and low elevation barangays, where coconuts could grow.

The MOA provides that PCA will give hybrid coconut

varieties to BSU free and the school will popularize coconut technology to interested farmer cooperators. Both PCA and BSU will provide the training and appropriate cultural practices of coconut.

**BSU(HSRI) - DOST-CAR-PLAN
International - La Trinidad
Local Government**

The Benguet State University through the Highland Socio-Culture Institute (HSRI) conceptualized a project entitled: Establishment of a Mass Production Center of Compost Fungus Activator and Compost Production Unit in La Trinidad. Part of this project was assisted financially and technically by the DOST-CAR, and has involved other agencies like the plant International and the La Trinidad Local Government.

Vegetable waste from the La Trinidad Trading Post are hauled to the center which is established in the school campus.

The program which is in accordance with the National Program on Rapid Composting and use of compost as fertilizer is targeting the commercialization of compost fungus activator (CFA) and compost production in the region.

BSU-DOST-CAR, Technology Application and Promotion Institute (TAPI)

A MOA has been signed by the DOST-CAR, TAPI, BSU & Benguet State University Development Foundation Inc. (BSUDFI) for a project called: "DOST/TAPI - Academe Technology Based Enterprise Development (DATBED) Program."

The TAPI shoulders the logistics and BSU & BSUDFI implements the project, DOST-CAR on the other hand provides for technical support and monitors and evaluates the project.

**RESEARCH AND EXTENSION
LINKAGES**

BSU, through the Graduate School, Bureau of Soils & Water Management (BSWM), Provincial Gov't. of Benguet

A project called: Geographic Information System-Land Resource Information System (GIS-LARIS) was approved Oct. 1995.

The project seeks to update selected economic & physical resources information in all municipalities of Benguet, formulate a municipal plan for soil conservation & crop development and formulate policy guidelines for the implementation of the latter.

**BSU-Educational Development
Project Implementing Task
Force (EDPITAF) Agricultural
Technology Education Project
(ATEP)**

ATEP which is under the auspices of EDPITAF aims to produce technically equipped agricultural entrepreneurs.

To actualize this objective BSU as a regional agricultural university does research and extension function.

This year researches has been focused on crops particularly carrots and beans and animal raising, specific to swine, ducks and chicken.

Assistance to other agencies particularly in Northern Luzon and other regions was also done by ATEP.

BSU-PCARRD-DA-CAR

Thru the Integrated Potato Development Program (IPDP), these three agencies have pooled their resources together to boost, research and development (R & D) of the crop in the region.

Funds for the project is from PCARRD, while BSU and DA-CAR are the implementing agencies.

Specific to this, the NPRCRTC and the HARRDEC will be the officer at BSU which will directly be involved.

BSU-DA-CAR

Along with other agencies and the local government units, BSU and DA-CAR are implementing an IPM project. The project is popularized thru the farmer's field school FFS, of which BSU personnel are facilitators.

**BSU-Philippine Council For
Aquatic and Marine Research
and Development (PCAMRD) -UP
Marine Science Institute**

A project entitled: Development of Fertilizer/Growth Hormones from Philippine Seaweeds is jointly being implemented by the Benguet State University and the UP Marine Science Institute.

Funding is from the Philippine Council for Aquatic and Marine Research and Development (PCAMRD).

Program leader is Nemesio Montano, Ph.D. Project Leader is Aileen Corpus of BSU. The project is on its second year of implementation.

BSU-PCASTRD

Thru funding from the PCASTRD, BSU thru the Horticulture Research and Training Institute is implementing two researches namely:

Biological Control of Black Rot; Soft and Root-Knot Nematode of Crucifers and Bacterial and Cyst Nematodes of Potato and Mass Propagation of Selected Highland Crops Using Tissue Culture Methods. So far results of these researches include:

- Successful rooting of strawberry plantlets.
- Development & further study of scaling-up techniques of chrysanthemum.

The University has other linkages fostered years back or recently specifically in the area of research. These are:

- Centro International de la Papa (CIP)
- Asian Development Bank (ADB)
- Southeast Asian Potato Project Research and Development (SAPPRAD)
- International Development Research Center (IDRC)
- International Foundation for Science

- Institute of Plant Breeding, UPLB
- National Azolla Action Program, UPLB
- Philrice
- Visayas State College of Agriculture (ViSCA)
- Philippine Council for Agriculture, Forestry Natural Resources Research and Development (PCARRD)

OTHERS

Complementation Projects Among SUCs in the CAR

There was an established agreement among SUCs in the CAR to synchronize, complement, share resources and expertise, and mutual assistance in areas requested.

SUCs in the CAR agreed that more developed institutions share their expertise and resources to the less or developing ones in the Region. Tuition fee-waiver was agreed upon to be given to graduate students from sister-institutions.

The group also agreed to rationalize the tuition fees by increasing them to at least P25.00 per unit within three years effective SY 1995-96.

Colleges and Universities in Baguio charge P80-100.00 per unit.

The SUCs-CAR Chapter agreed also agreed to undertake a common project on "Training and Education in Watershed Management"-geared towards arousing the consciousness of citizens on the importance of forest cover and saving the watershed of the Region.

BSU-Chanum Consultants Corporation

BSU in partnership with the Chanum Consultants Corporation, a Filipino-Taiwanese group has provided training and livelihood opportunities for farmers in Shiitaki Mushroom production.

The Shiitaki Mushroom project which was established in a 1.5 hectare area was leased and used exclusively for the manufacture of synthetic logs, research laboratory and pilot production center of shiitaki mushroom.

The identification of qualified farmer cooperators who were organized as production groups are the school's responsibility. the farmers were provided with synthetic logs to grow mushroom. the logs were out of corn cobs, rice straw and other local materials.

BSU-Department of Agriculture-Agricultural Technology Institute(ATI)

A tie-up project was established by BSU with DA through the ATI on the "Institutionalization of Support and Education Delivery Services in the Educational System".

Further the University entered into another MOA with the ATI based at BSU for the use of about 1,000 square meters areas as pilot for "Sustainable Integrated Agricultural System Management".

Travel of the President to Foreign Countries

President Consolacion of BSU traveled to United States, Thailand, and Korea during the year under review to establish linkages and participate in conventions where Modern technologies were disseminated. The details of these travels are described as follows:

San Diego, California

In Sand Diego, President Consolacion attended the Product Marketing Association 46th Annual Convention and Exposition from October 13 to 17, 1995.

Here, the speakers talked on the world growth economy clear vision in the new horizons in produce, supply

and demand, in technology as well as in postharvest and marketing strategies.

The speakers also articulated on the producers-traders relationship and on the ultimate need to satisfy the high quality demand orientation of the consumers worldwide.

In his mission training, the participants were toured to supermarkets where mostly fresh fruits, vegetables and natural juices were served so that everybody will be conscious about their health.

Indianapolis, Indiana

In Indianapolis, the President attended the 3rd International Symposium on New Crops, New Opportunities and New Technologies from October 21-25, 1995.

The lectures during the symposium gave opportunity to the delegates and the University (BSU) to establish linkages with foreign Research Centers and Universities.

It was also mentioned during the symposium that some of our fruits - like rattan and Manila Mangoes are new and exotic fruits to them.

Thailand

The President's trip to Thailand on July 26-29, 1995 was approved by Malacañang to

participate in the 5th Founding Anniversary of Suranaree University of Technology (SUT) and the founding conference on the Association of Universities of Asia and the Pacific (AUAP).

There were five(5) presidents of SUCs who participated in the said conference. This conference was a government cooperation in quality engineering and technology, evaluation for Southeast Asia in the 21st century. The participants approved a common criteria for evaluation of all degree programs.

Korea

The President traveled to Korea on August 22 to 28, 1995. This was sponsored by Sangjee National Polytechnic University for BSU and SNPU to establish "Institutional Sisterhood" through a Memorandum of Agreement signed by the Presidents of both Universities. The SNPU paid for the airfare including accommodation while the President was in the University and in other places of Korea.

The components of the MOA was the exchange of academic data and publications, exchange of professors and researchers, exchange of student leaders and the implementation of joint research.

BSU EXECUTIVE AND ADMINISTRATIVE OFFICIALS

OFFICE OF THE PRESIDENT

CIPRIANO C. CONSOLACION, Ph.D.
President

ROMULO Q. APOLONIO
Board Secretary IV

JUANITO A. ORALLO, LI.B.
Legal Counsel (On-call)

MABEL E. BASCO, BSC
Management and Audit
Analyst IV

FRANCO T. BAWANG, Ph.D.
Chairman, Committee on
Land Reservation

JULIET P. BAGANO, E.D.D
Director, Planning &
Development

MORENO L. SIDCHOGAN, BSFA
Chief, Security Officer

OFFICE OF THE UNIVERSITY VICE PRESIDENT

CARLOS T. BUASEN, Sr., Ed.D.
University Vice President

ESTRELLA A. RAMOS, BSPA
Administrative Officer V
(Division Chief)

EMILIA M. ESTEBAN, AB
Human Resource Management
Officer IV (Section Chief)

JULIET D. DEMOT, BSPA
Supply officer III
(Section Chief)

VICTORIA L. LIMPIN, Sec.
Records Officer IV
(Section Chief)

JOSEFINA M. MARQUEZ, ETC
Financial Management
Officer II (Division Chief)

PRISCILLA P. VICTOR, BSC
Budget Officer IV
(Section Chief)

MARY JOY S. RAPUSO, BSC-CPA
Accountant IV (Section Chief)

OSCAR B. LIMPIN, BSC
Cashier IV (Section Chief)

JUAN P. MARTES, Ed.D.
Director, General Services
and Physical Plant

HORTENCIO PATACSIL, Jr.
BSA Arch. Chief, Plans/
Designs & Construction

PHILIP P. BANDA-AY, MS
Chief, Repair and
Maintenance

SAMSON S. ANTONIO, BSIE
Chief, Motor Pool

SALBINO R. BANGCADO, BSA
Project Development
Officer III (Deputy-
Manager-Business Affairs
Division)

REMEDIOS T. GARCIA, MPS
Manager, Cafeteria

MA. ELENA O. TABANDA, BSND
Manager, Bakery

JOSEFINA R. ALONZO, Ed.D.
Supervisor, Guestel

JANE K. AVILA, MA pp Sc.
Manager, Food Processing
Center

PROJECTS

DIEGO P. DUMAPIS, BSAT
In-Charge, Poultry Project

MYRNA B. WALSIYEN, MS
In-Charge, Swine & Rabbitry
Project

HENRY K. BOLINTO, MS
In-Charge, Pomology Project

JOE D. BOTENG, BSA
In-Charge, Floriculture

JANET S. LUIS, Ph.D.
In-Charge, Mushroom Project

OFFICE OF THE VICE PRESIDENT FOR RESEARCH AND EXTENSION

DOMINGO Q. CASIWAN, Ph.D.
Vice President for Research and Extension

PERCIVAL B. ALIPIT, Ph.D.
Director of Research

LUCIANA M. VILLANUEVA, Ph.D.
Director, Horticulture
Research and Trng. Institute

FRANCO T. BAWANG, Ph.D.
Director, Institute of High-
land Farming System

LUZ C. DEBAD, Ph.D.
Acting Director, Hihgland
Socio-Economic Research
Institute

JULIA A. SOLIMEN, Ph.D.
Director, Extension

ZENAIDA N. GANGA, Ph.D.
Director, Northern Phil.
Root Crops Research and
Training Center

BENJAMIN B. DIMAS, MS
Director, Highland Agro-
Forest Institute

LEONCIA L. TANDANG, MS
Manager, Highland Crops
Reseach Station

BIENVENIDO M. BALWEG, LI.B.
Director, Publications and
Media Services

LEONCIA L. TANDANG, MS.
Project Leader, BSU-IPB (Ins-
titute of Plant Breeding)

ANTONIO B. OTCULAN, MS.
Manager, Experimental Farm

LUCIANA M. VILLANUEVA, Ph.D.
Project Leader, BSU-PCASTRD-
DOST

SPECIAL PROJECTS

DANILO P. PADUA, MS
Project Supervisor
BSU-ATEP (Agriculture Techno-
logy Education Project)

OFFICE OF THE VICE PRESIDENT FOR ACADEMIC AFFAIRS

ESTHER R. HUFANA, Ph.D.
Vice President for Academic Affairs

JOSE J. JOSUE, Ph.D.
Special Asst. to the Vice
Pres. for Academic Affairs

GRADUATE SCHOOL

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Dean

SONWIRHT B. MADDUL, Ph.D.
Graduate School Secretary

COLLEGE OF AGRICULTURE

TESSIE M. MERESTELA, D.Agr.
Dean

BELINDA A. ANSELMO, MS
College Secretary

EVANGELINE B. CUNGIHAN, MS
Chairman, Department of Agri-
Economics and Agribusiness
Management

CARLOS A. TUGUINAY, BSAE
Chairman, Department of
Agroforestry

LUZ A. DEBAD, Ph.D.R.D.
OIC, Chairman, Department
of Extension Education

AURORA F. BULACSO, MS
Chairman, Department of
Crop Protection

MACARIO D. CADATAL, Ph.D.
Chairman, Department of
Agronomy

SILVESTRE L. KUDAN, MS
Chairman, Department of
Horticulture

SAMUEL S. ARCELLANA, MS
Chairman, Department of
Animal Science

JOSE G. BALAOING, MS
Chairman, Department of
Soil Science

KOEN LAMBERT, Dr. Ir.
Resident Coordinator
BSU-RUG Project and
Visiting Professor
(University of Ghent, Belgium)

COLLEGE OF ENGINEERING AND APPLIED TECHNOLOGY

JOHN JAMES F. MALAMUG, MS
Dean

ROWENA C. CASTAÑEDA, BS Ag.
Engg, College Secretary

ARTHUR L. PARAN, MS
Chairman, Dept. of
Applied Technology

EDGAR M. MOLINTAS, BS Ag. Engg
Chairman, Dept. of Agricul-
tural Engineering

COLLEGE OF ARTS AND SCIENCES

MARCOS A. BULIYAT, Ed.D.
Dean

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Chairman, Department of
Chemistry

MANUELA P. CADELIÑA, MS
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Biology

FAUSTINA O. GUALDO, Ed.D.
Chairman, Department of
Humanities

JONATHAN A. BAYOGAN, Ph.D.
Chairman, Department of
Math-Physics-Statistics

ESTHER T. GONZALES, BSE
Chairman, Department of
Social Sciences

COLLEGE OF HOME ECONOMICS AND TECHNOLOGY

JANE K. AVILA, MA
Dean

NORMA P. BANANIA, BSHT
College Secretary

PELIN B. BELINO, BSFN
Chairman, Department of
Human Nutrition and Foods

VICTORIA D. TUMBAGA, MA
Chairman, Department of
Home Economics

MARY C. PORTE, MS
Supervisor, Student Teaching
in Home Economics

COLLEGE OF TEACHER EDUCATION

DOMINADOR S. GARIN, Ph.D.
Dean

ANGEL C. CAWAT, MAED
College Secretary

MILDRED P. ALO-O, Ph.D.
Principal, Elementary
Laboratory School

RAMON M. BOCALAN, MS
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Agricultural and Techno-
logical Education

VICTOR P. SINGA, BSAE
Student Teaching (BSAE)

CAROLINE B. DIMAS, Ed.D.
Chairman, Department of
Foundation Education &
Allied Studies

SONIA M. CELINO, Ed.D.
Supervisor, Student Teaching
(BEE) and Graduate School
Coordinator

PERLITA J. FERNANDEZ, Ph.D.
Chairman, Department of
Pedagogy

MARY JANE L. LARUAN, MS
Head, Related Subjects

CARLOS P. LUMA-ANG, Ed.D.
Principal, Secondary
Laboratory School

MA. CORAZON A. SOMYDEN, MA
Head, Home Economics Division
Manager, High School Canteen

COLLEGE OF FORESTRY

FELICIANO G. CALORA, JR. Ph.D.
Dean

PAQUITO P. UNTALAN, MSF
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