



*"Moving towards excellence in
instruction, research, and extension
for agricultural and rural development"*



1993 Annual Report

Visayas State College of Agriculture
Baybay, Leyte
Philippines

VISCA's Mission:

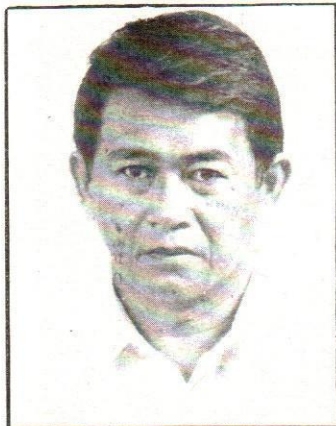
*" Enhancement of the general well-being
of the rural populace, especially the
disadvantaged sectors of the Visayas,
through effective instruction,
research and extension in agriculture
and rural development"*



TABLE OF CONTENTS

Title	Page
Foreword	i
Highlights	1
Instruction	5
Curricular Development	
and Offerings	5
Enrolment Profile	8
Scholastic Achievement	9
Faculty Development	10
Awards and Special Achievements	
of Staff and Students	16
Research	19
New Technologies Developed	21
Mature Technologies for Dissemination ..	21
Research Awards	23
List of Completed Researches	23
Support Services	26
Extension	27
Technology Dissemination	27
Trainings and Non-formal Education ..	27
Technical Assistance	28
Other extension activities	28
Publications	29
Linkages	31
Auxiliary Services	33
Office of Student Affairs	33
Library	36
General Administration and Support	
Services	
Planning and Development	40
Physical Facilities Development	40
Financial Resources	41
Land Utilization and Income Generating	
Projects	44
Health Services	44
New Acquisitions, Grants and Donations	
Received	45
Miscellaneous	47
Problems Needing Solutions	51
Recommendations	52
Directory of VISCA Officials	56

Foreword

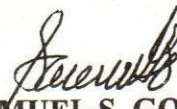


The Visayas State College of Agriculture (VISCA) mapped out its programs for 1993 with optimism. In addition to its existing instruction, research and extension activities, new instructional programs were introduced in response to the government's development plans for Year 2000. Furthermore, VISCA revitalized its auxiliary service projects as a result of the new DBM policy allowing the College to directly utilize project income from auxiliary service projects.

Except for a few setbacks brought about by snags in project implementation and the call for corrective measures by the Comprehensive Audit Report, VISCA has accomplished most of its objectives in 1993. More time had to be spent in complying with the recommendations of COA relative to financial and property management and the operation of production projects. Likewise, adjustments had to be made also in the supplies procurement system. Projects that slipped to a precariously low level of accomplishment had to be saved using extra effort and resource.

In spite of unavoidable management and organizational changes that VISCA had to contend with during the year, the College strived to fully implement all its programs in instruction, research and extension. As a whole, 1993 has been a rewarding year for the College. VISCA's accomplishments for the year can be credited to the academic and administrative staff and students who performed relatively well notwithstanding the adjustments in the shift to the new administration. The favorable support of the VISCA Board of Trustees, the Civil Service Commission and the Regional Development Council of Region 8 contributed much to the attainment of VISCA's objectives. COA deserves acknowledgement for spotting administrative flaws and suggesting corrective management strategies.

After surviving the challenges in 1993, VISCA can now look forward to 1994 with renewed confidence of achieving loftier goals.


SAMUEL S. GO
President

Highlights

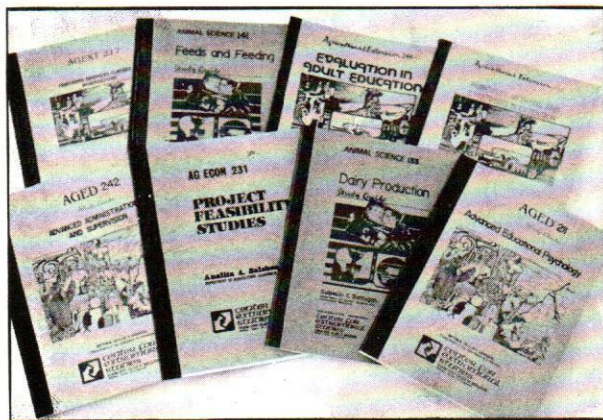
New Courses Offered

- * Doctor of Veterinary Medicine
- * The Agricultural Chemistry as cognate course in the existing graduate program effective 2nd semester of SY 1992-1993.

Development Communication as a major field in the M.S. and M. Ag. Dev. Programs to be offered effective first semester of SY 1994-1995.

Development of New Study Guides

- * New study guides – developed in the field of animal science, agricultural education, agricultural extension, agricultural economics and language teaching.



New Study Guides

Enrolment

- * During the first semester of SY 1993-94 enrolment increased by 9.7%.

The Harvest

- * For SY 1993-1994, VISCA reaped a total of 383 graduates broken down as follows: 26 - master's degree; 237 - undergraduate degree; 37 - two-year technician course; and 83 - secondary education.

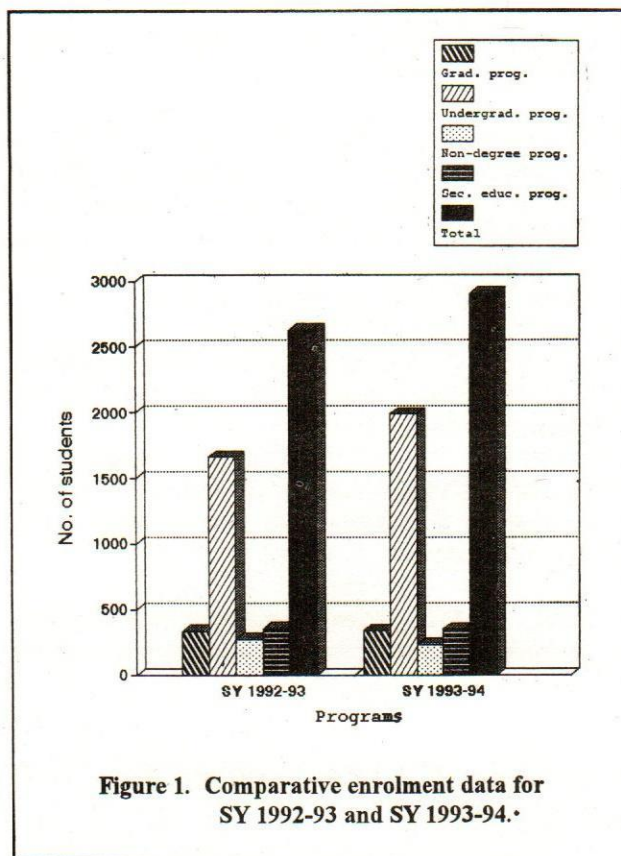


Figure 1. Comparative enrolment data for SY 1992-93 and SY 1993-94.

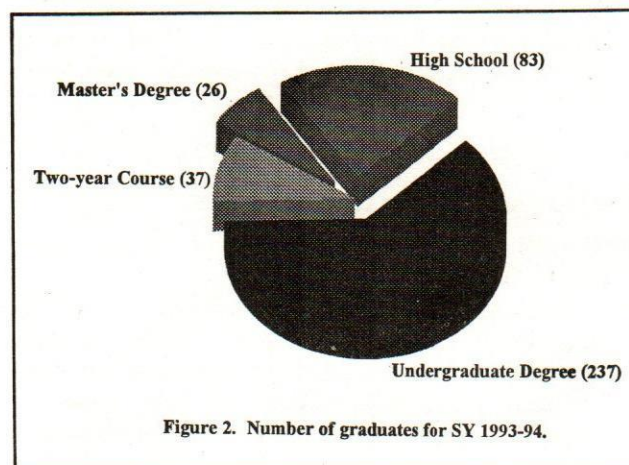


Figure 2. Number of graduates for SY 1993-94.

- * Among the 237 college graduates 9 students received *cum laude* honors.

Student Achievements

- * During the year, high school representatives won 1st and 2nd places for the local and regional academic competitions.
- * Of the total high school population, 36 percent qualified for scholarships.
- * The 1992 and 1993 agricultural engineering graduates who took the Professional Agricultural Engineering Licensure Examination achieved a one hundred percent passing mark. Out of the seven successful VISCA examinees in 1992, four hit the top ten and in 1993 one got the 6th place.
- * Out of the 23 VISCA graduates who passed the Teacher's Board, one got the 2nd place in the Regional Rating.
- * Two of ten VISCA forestry graduates who passed the Forestry Licensure Board Examination got the 1st and 7th places.
- * A total of 561 scholars in college and 45 in the graduate program received scholarships from VISCA and other funding agencies.

Free Tuition Benefit for VISCA Staff and Dependents

- * The VISCA Board of Trustees approved on July 12, 1993, the free tuition fee privilege for all VISCA employees and their dependents who wish to enrol in VISCA effective second semester of school year 1993-1994.

Increased Benefits for Graduate Scholars of VISCA

- * VISCA scholars pursuing advanced degrees (M.S. and Ph.D.) under the VISCA Scholarship and Fellowship Program, received additional benefits effective June 1993 in terms of their monthly stipend, book, transportation and thesis allowances.

Faculty Strength and Development

- * VISCA's academic programs were strengthened by its 234 faculty members composed of 68 with Ph.D's, 117 a Master's degree, and 49 Bachelor degree holders.

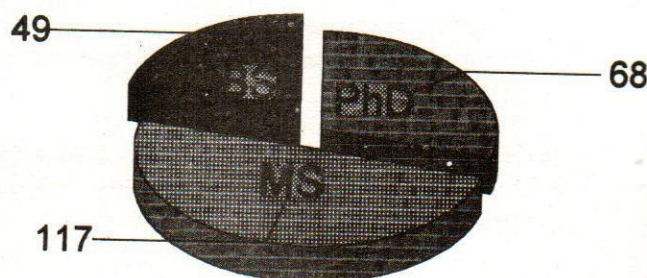


Figure 3. Distribution of faculty members by highest degree earned.

- * As of December 1993, faculty members had attended 3 international, 23 national, 26 regional, and 26 local trainings, seminars and workshops. Likewise, 47 faculty members pursued advanced studies (37 MS, 10 PhD) in the different universities of the Philippines and abroad.
- * VISCA's academic staff underwent evaluation under the National Compensation Circular No. 69 (NCC 69) which superseded NCC 68 with the cut-off months from July 1989 to June 30, 1993.

Increased in Dorm Rates

- * The Board of Trustees approved the request of students to defer the increase of dormitory fee from second semester of SY 1993-94 to the first semester of SY 1994-1995.

New Building for Instructional Use Established

- * The newly completed Instructional Media Development Center (IMDC) serves as the instructional arm of the Agricultural Technology Education Project (ATEP).



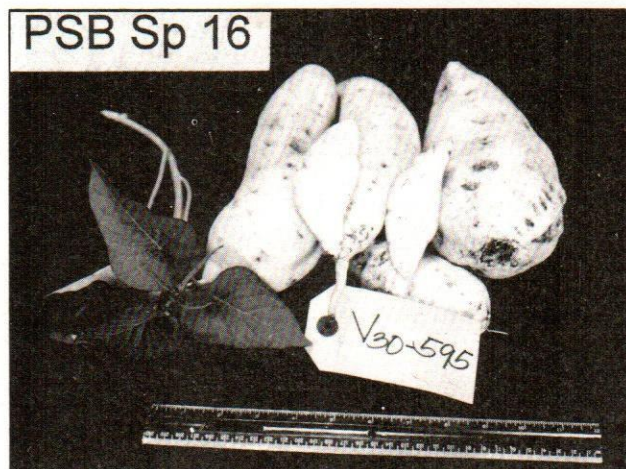
Instructional Media Development Center

Research and Development

- * Out of 224 research projects for CY 1993, 46 were new, 51 completed, and 107 still ongoing, and 20 extended.

New Rootcrop Variety Released

- * The Technical Working Group for Rootcrops of the Philippine Seedboard approved a new high yielding sweet potato variety called PSBSp-16.



New VISCA President

- * Former Vice President for Administration, Dr. Samuel S. Go, became the new VISCA President effective August 4, 1993.

New Designations

- * Following College procedures, 18 VISCA staff received designations as Officer-In-Charge of key positions.

Revision of VISCA's Organizational Structure

- * VISCA implemented the revised organizational structure as approved by the Department of Budget and Management which included the abolition of the Office of Business Affairs and the renaming of the General Services Office as Physical Plant Office. Four offices received upgrading while two from the Office of the President now fall under the Vice President for Administration.

University Bill

- * Congressman Loreto, together with six Congressmen from Leyte, Samar and Camiguin filed in September 1993 House Bill No. 10909 converting VISCA into a university.

Linkages

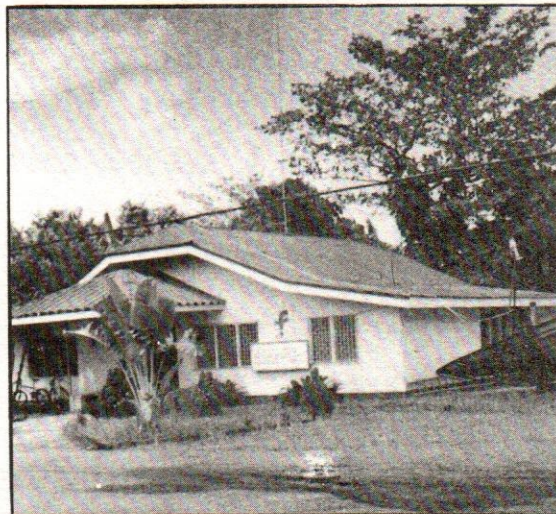
- * A Memorandum of Agreement inked between VISCA and the Department of Science and Technology for the science and technology project in Southern Leyte through VISCA's volunteer experts.
- * VISCA's technical assistance in feedmill operation and landscaping sought by Biliran Governor Wayne Jaro.

Cable Television on Campus

- * The VISCA Foundation for Agricultural and Rural Development, Inc. (VIFARD) installed a cable television network on the VISCA Campus in December 1993.

Sports Achievement

- * VISCA got the highest points during the 9th Regional State Colleges and Universities Athletic Association (SCUAA) Meet, participated in by ten state colleges and universities in Region 8.

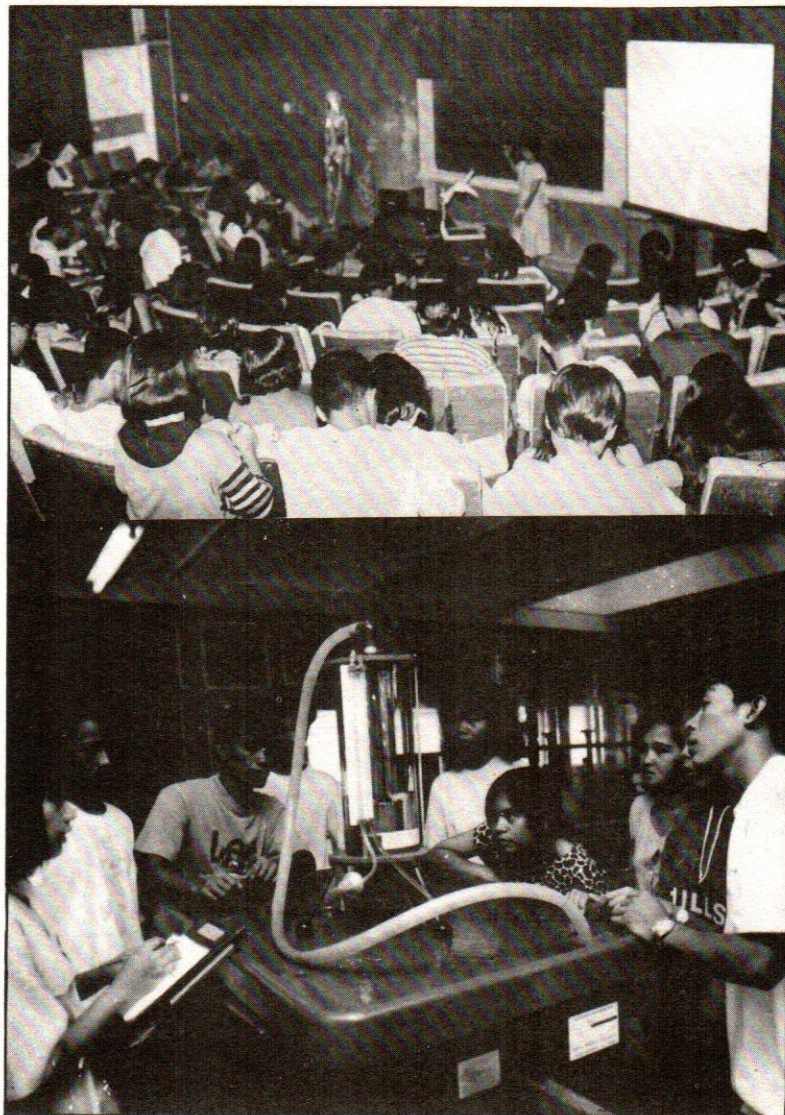


VIFARD building



VISCA's coaches and officials take a short break.

Instruction



Performance in instruction during the year promised a potential for VISCA graduates to accelerate rural and agricultural development. Positive results in the Professional Board Examinations manifest VISCA's quality education. The promotion of high academic standards geared towards agricultural development can be attributed to highly competent staff.

Compared to the previous school year, college enrolment increased by 13.09 percent. Academic programs underwent a review to conform with the government's development goals. Faculty exchanged ideas on constructing instructional objectives, expected teacher behaviors and implications of student evaluation. Faculty interactions on teaching strategies have been lined up. New major fields make the graduate program more relevant to masteral and doctoral students. Refinements of study guides for graduate courses continued while the construction of study guides at the undergraduate level has been initiated.

CURRICULUM DEVELOPMENT

Graduate Program

- * Updated graduate faculty profile and graduate students records.

- * Developed new study guides in the fields of animal science, agricultural education, agricultural extension, agricultural economics and language teaching. The library has a compilation of the new instructional materials.

- * Revised study guides at the graduate level in the following areas: agricultural education, agronomy, animal science, language teaching, and agricultural extension.
- * Started the construction of study guides in English and Speech courses at the undergraduate level.
- * The Academic Council approved the following proposals:
 - a) Offering of Development Communication as a major field in the M.S. and M. Ag. Dev. programs
 - b) Offering of Agricultural Chemistry as cognate course in the existing graduate program
 - c) Institution of additional graduate courses in plant pathology and
 - d) Abbreviation, numbering, unit requirements, schedule and description of graduate courses.
- * The Board of Trustees approved the following:
 - a) Guidelines for foreign student requirements and fees and
 - b) Study grant of VISCA Faculty and Staff and their dependents.

Undergraduate Program

- * The Board of Trustees approved the offering of the Doctor of Veterinary Medicine (DVM) degree.



Animal Health course, a requisite to DVM.

- * Revised the following curricula to accommodate new courses in ecology, computer science and some DECS mandated courses:
 - a. BS in Agriculture major in Agricultural Economics
 - b. BS in Food Technology
 - c. BS in Home Economics
- * Started the construction of undergraduate study guides in English and Speech courses.
- * On-the-job training for students implemented by the Department of Agriculture for the Agricultural Education and Agricultural Extension majors. Observation and practice teaching in the different cooperating schools before field practice continue.
- * The new BSDC curriculum requires students to take Computer Science course.
- * DevCom students taking internship have to write a case study instead of an internship report.

Secondary Education Program

- * The Agricultural Science Curriculum underwent revisions at the department level to improve the existing curriculum. Revisions included institution of new courses.
- * Scheme II of the existing Agricultural Science Curriculum focuses on one curriculum for the secondary program. It replaced the New Secondary Education Curriculum, said to be deficient in Science and Mathematics.

CURRICULAR OFFERINGS

I. Graduate Program

(On-campus and Extramural)

- A) Doctor of Philosophy with majors in:
 - a) Entomology
 - b) Plant Pathology
- B.1) Master of Science (MS) with majors in:
 - a) Agricultural Economics
 - b) Agricultural Education
 - c) Agricultural Extension
 - d) Agronomy
 - e) Animal Science
 - f) Entomology
 - g) Horticulture
 - h) Language Teaching
 - i) Plant Pathology
 - j) Plant Protection
 - k) Soil Science
 - l) Weed Science
- B.2) Master of Science (MS) with minors in:
 - a) Ag. Botany
 - b) Plant Breeding
- C.1) Master of Agricultural Development
(M. Ag. Dev.) with majors in:
 - a) Agricultural Econ.
 - b) Agricultural Ed.*
 - c) Agricultural Ext.*
 - d) Ag. Tech. Ed.
 - e) Agronomy*
 - f) Animal Production*
 - g) Dev't. Communication
 - h) Entomology
 - i) Language Teaching*
 - j) Plant Pathology
 - k) Plant Protection
- C.2) Master of Agricultural Development
(M. Ag. Dev) with minor in:
 - a) Dev. Communication*
- D) Diploma in Agricultural Development
(D. Ag. Dev.) with specialization in:
 - a) Agricultural Technology Education

* Courses also offered extramurally

II. Undergraduate Program

- 1) Bachelor of Science in Agricultural Engineering (BSAE)
- 2) Bachelor of Science in Agribusiness (BSAB)
- 3) Bachelor of Science in Home Economics (BSHE) with majors in:
 - a) Elementary Teaching
 - b) Extension
 - c) Secondary Teaching
- 4) Bachelor of Science in Forestry (BSF)
- 5) Bachelor of Science in Agriculture (BSA) with majors in:
 - a) Agricultural Botany
 - b) Agricultural Economics
 - c) Agronomy
 - d) Horticulture
 - e) Plant Breeding
 - f) Plant Protection
 - g) Soil Science
- 6) Bachelor of Science in Statistics (BSS)
- 7) Bachelor of Science in Agricultural Chemistry (BSAC)
- 8) Bachelor of Science in Food Technology (BSFT)
- 9) Bachelor of Science in Development Communication (BSDC) with majors in:
 - a) Broadcasting
 - b) Journalism
- 10) Bachelor of Science in Agricultural Development (BSAgDev) with major in:
 - a) Ag. Extension
- 11) Bachelor of Animal Science (BAS) with majors in:
 - a) Animal Health
 - b) Animal Production
- 12) Bachelor of Science in Agricultural Education (BSAgEd) with majors in:
 - a) Teaching Agriculture in Elem. Schools
 - b) Crop Production
 - c) Animal Production

III. Non-Degree Program

- 1) Forest Ranger Course
- 2) Home Econ. Tech. Course

IV. Secondary Education Program

- 1) Agricultural Science Curriculum
- 2) New Secondary Education Curriculum (NSEC)

ENROLMENT PROFILE

- * Prior to enrolment, VISCA conducted an information to draw more students to VISCA.
- * During the year, 1,641 examinees took the VISCA Entrance Test at the different testing centers, namely:

Testing Centers	No. of Examinees
Samar Reg'l School of Fisheries <i>Catbalogan, Samar</i>	85
San Juan Polytechnic College <i>San Juan, So. Leyte</i>	85
Holy Child Academy <i>Ubay, Bohol</i>	64
E. Samar Nat'l Comp. High Sch. <i>Borongan, E. Samar</i>	13
Cebu Roosevelt Mem. College <i>Bogo, Cebu</i>	31
Negros Oriental High School <i>Dumaguete City</i>	86
Surigao Norte Nat'l High School <i>Surigao City</i>	110
St. Thomas Aquinas Academy <i>Sogod, So. Leyte</i>	44
Agusan Nat'l High School <i>Butuan City</i>	91
Leyte Nat'l Science High School <i>Tacloban City</i>	358
Sudlon Agricultural College <i>Lahug, Cebu City</i>	66
Badian National High School <i>Badian, Cebu</i>	34
St. Joseph College <i>Maasin, So. Leyte</i>	45
Central Visayan Institute <i>Jagna, Bohol</i>	66
TTMIST <i>Calbayog City</i>	23
Bohol Nat'l High School <i>Tagbilaran City</i>	116
Visayas State Coll. of Agr. <i>Baybay, Leyte</i>	324
Total	1,641

- * The first semester of SY 1993-94 recorded a 9.7 percent in the overall enrolment of VISCA.
- * Among the twelve (12) undergraduate degree courses, the BS Agriculture registered the highest enrolment followed by the Bachelor of Animal Science and the BS Forestry.
- * As reflected in Table 1, college enrolment exceeded its target by 19.20 percent.

Table 1. Comparison of enrolment data, first semester only for SY 1992-1993 and SY 1993-1994.

Program	First Semester Only		Diff.	Target
	SY 1992-93	1993-94		
A. Graduate Program				
Doctor of Philosophy	1	3	2	5
Master of Science	62	102	40	80
Master of Ag. Devt.*	263	233	-30	260
Dip. in Ag. Tech. Ed.	7	0	-7	15
<i>Sub-total</i>	333	338	5	370
B. Undergraduate Program				
BSA	328	398	70	350
BSAg. Ed.	148	232	84	165
BSAg. Dev.	94	115	21	105
BSHE	121	159	38	140
BSDC	60	72	12	70
BSAB	193	232	39	180
BSAE	142	140	-2	165
BSS	75	83	8	85
BSAC	25	32	7	35
BSFT	29	39	10	40
BSF	256	247	-9	280
BAS	195	239	44	210
<i>Sub-total</i>	1,660	1,988	328	1,835
C. Non-degree Program				
FRC	168	128	-40	185
HETC	106	102	-4	110
<i>Sub-total</i>	274	230	-44	310
<i>Total (College)</i>	2273	2556	283	2,145
D. Secondary Educ. Program				
First Year	93	99	6	90
Second Year	87	86	-1	93
Third Year	93	80	-7	87
Fourth Year	81	83	2	93
<i>Total (High School)</i>	354	348	-6	363
<i>Grand Total</i>	2,623	2,904	-281	2,878

* including extramural students

SCHOLASTIC ACHIEVEMENT

Graduate Program

- * For SY 1993-1994; 26 graduate students received their diplomas (9 M.S.; 17 M.Ag.Dev.).

Undergraduate Program

- * Nine students (9) obtained *cum laude* honors during the SY 1993-94 41st Commencement Exercises on April 4, 1994.
- * There were 237 graduates from the different undergraduate degree program and 37 students graduated from the two-year technician program (Table 2).

Table 2. Number of graduates for SY 1993-1994 by program.

Program	Number
Graduate Programs	
Master of Science	9
Master in Ag. Dev.	17
<i>Sub-total</i>	26
Undergraduate Programs	
BS Agriculture	39
BS Ag. Education	28
BS Ag. Development	12
BS Home Economics	33
BS Development Comm.	9
BS Agribusiness	33
BS Ag. Engineering	6
BS Statistics	10
BS Ag. Chemistry	4
BS Food Tech.	3
BS Forestry	36
B Animal Science	24
<i>Sub-total</i>	237
Two Year Course	
Forest Ranger Certificate	13
Home Economics Technician	24
<i>Sub-total</i>	37
<i>Total (College)</i>	300
Secondary Education	
Ag. Science Curriculum	46
New Sec. Ed. Curriculum	37
<i>Total (High School)</i>	83
<i>Grand Total</i>	383



Commencement Speaker, Sen. Raul Roco and VISCA President Samuel S. Go congratulate a graduate.

Secondary Education Program

- * Eighty-three (83) students completed their secondary education with 12 graduates receiving "Honors" (2 "With High Honors" and 10 "With Honors") in the agricultural science curriculum. During the school year, nobody from the SEDP curriculum qualified for honors.
- * Of the total high school population (348), 36 percent were scholars. These scholars received monthly stipend from VISCA as follows:

Full scholar	- P 150.00
Partial scholar	- A: P 100.00 ; B: P 50.00
Honorific scholar	- P 50.00
- * ERHS students won the 1st and 2nd places during the various local and regional competitions.

BOARD EXAM PERFORMANCE

VISCA's quality education can be gauged by the performance of its graduates in the Professional Board Examination from the previous to current years.

A. Agricultural Engineering Board Exam (100% Passed)

1993 Graduates

1. Lauro A. Albon - 6th Place
2. Ma. Elena A. Ingles
3. Cesar D. Niluag
4. Condrado M. Samson

1992 Graduates

1. Neil I. Luna - 3rd Place
2. Renato N. Payod - 6th Place
3. Ronaldo A. Cayomo - 8th Place
4. Jose Wayne C. Lawas - 9th Place
5. Severino B. Salera, Jr.
6. Fabian P. Dagooc
7. Gregorio C. Damicog, Jr.

B. Professional Board Examination for Teachers

1993 Graduates

1. Rosario L. Pedrano - 2nd Place Regional Rating
2. Regina A. Abarca
3. Lolelia M. Abuyan
4. Jaydee V. Abela
5. Charina S. Alenyabon
6. Jocelyn Arabiana
7. Angelita B. Argallon
8. Josephine L. Barcos
9. Racquel S. Cañete
10. Jocelyn R. Comaling
11. Teresa M. Cubio
12. Jocelyn P. Derecho
13. Jasmin P. Juntilla
14. Pedro L. Lapac, Jr.
15. Jocelyn M. Lagrama
16. Carmelita P. Merafuentes
17. Evelyn V. Molay

18. Gina T. Ponce
19. Sergio T. Paña
20. Rosalio M. Pagal
21. Tita Grace B. Quiza
22. Evangeline O. Quiapo
24. Cecilia R. Rivera

1992 Graduates

1. Jonah A. Cañeda
2. Natalia S. Dalagan
3. Joseph S. Jacer
4. Ariel B. Lunzaga
5. Victorino R. Ormillada

C. Forestry Licensure Professional Board Exam (100% Passed)

1993 Graduates

1. Carlos Caesar C. Castillo - 1st Place
2. Arturo E. Pasa - 7th Place
3. Ruth C. Marquez
4. Emma Irene M. Mende
5. Erwin O. Nacuray
6. Alfredo A. Narquita
7. Am Prospero S. Lendio
8. Allan C. Reyna
9. Dario O. Suarez
10. Lalaine V. Tomas

FACULTY DEVELOPMENT

For SY 1993-1994, the VISCA teaching force composed of 234 faculty members with 68 Ph.D., 117, Master's, and 49 Bachelor's degree holder (Table 3).

During the school year, members of the academic teaching force attended various trainings, seminars and workshops in their respective area of specialization to improve their competencies. As of December 1993, trainings and seminar-workshops spread as follows: 3 international, 23 national, 26 regional, 26 local (Table 4).

As part of faculty development, some faculty members qualified for competitive trainings abroad sponsored by international agencies (Table 5). In addition, a total of 48 faculty continued to pursue advanced studies (38 Ph.D., 10 M.S.) in various universities of the country and abroad (Table 6).

VISCA scholars pursuing advanced studies received increased benefits such as the P1,500 addition to the monthly salary given for the VISCA Fellowship

Program and P 3,500 without salary for the VISCA Scholarship Program. The scholar gets a book allowance of P 1,000 every semester; a transportation allowance of one round trip not to exceed P 3,000 every semester; thesis support of P 15,000 for Ph.D students and P 10,000 for M.S. students.

Table 3. Distribution of Faculty Members by Department and by Highest Degree Earned.

DEPARTMENT/CENTER/UNIT	HIGHEST DEGREE EARNED			TOTAL
	Baccalaureate	Masteral	Doctoral	
I. Academic Departments:				
Ag. Chem. & Food Science	3	5	5	13
Ag. Educ. & Extension	1	4	6	11
Dev. Communication	0	4	2	6
Ag. Econ. & Agribus.	5	8	4	17
Ag. Eng'g. & Applied Math.	6	13	4	23
Agron. & Soil Science	2	11	3	16
An. Science & Vet. Med	0	7	6	13
Arts & Letters	5	6	5	16
Forestry	5	0	0	11
Home Science	1	6	3	10
Horticulture	2	5	4	11
Physical Education	3	4*	0	7
Plt. Brg. & Ag. Botany	4	5	3	12
Plt. Protection	3	9	7	19
Expt'l. Rural High School	8	16	3	27
<i>Sub-total</i>	48	109	55	212
II. Research Centers and Other Units:				
OSA	0	1	0	1
PRCRTC	0	5	6	11
CEP	0	1	5	6
FARMI	0	0	2	2
EDPC	1	1	0	2
<i>Sub-total</i>	1	8	13	22
GRAND TOTAL	49	117	68	234

* Including 1 Graduate Certificate in P.E.

Table 4. Trainings attended by the faculty as of December 1993.

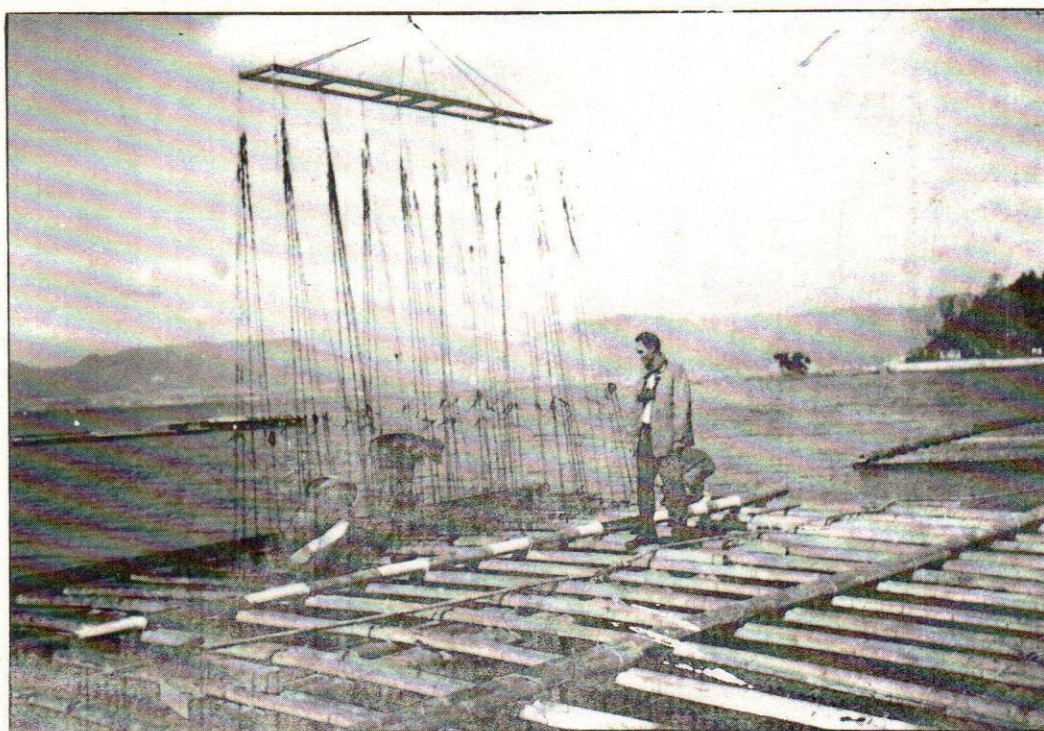
Department	NO. OF TRAININGS ATTENDED			
	Local	Regional	National	International
A. Academic Departments:				
Ag. Econ. & Agribusiness	4	5	2	-
Ag. Eng'g. & Applied Math	13	12	-	-
Development Comm.	1	-	3	-
ERHS	1	1	5	1
Home Science	1	1	4	-
Physical Educ.	-	1	2	-
Plant Brg. & Ag. Botany	3	2	3	-
B. Research Centers:				
Center for Social Research	2	1	3	-
FARMI	1	3	1	2
Total	26	26	23	3

Table 5. List of VISCA Faculty and Staff Members Who Attended International Trainings, Seminars and Workshops in CY 1993.

Name	Title	Date	Place	Sponsoring Agency
Juliet R. Roa	International Course for Development Oriented Research in Agriculture	Jan. 11 to July 29	Netherlands	ICRA
Jose R. Pardales, Jr.	Workshop on Rapid Propagation of Tropical Economic Plants	Feb. 8-12	Vietnam	IFS
Edwin A. Balbarino	International Training Course on Land Use Systems Research	Apr. 26 to May 15	Indonesia	ICRAF
Rodolfo G. Escalada	Overseas Fellowship Program for Project Coordinators of ATEP	Apr. 28 to May 21	USA, Israel, Thailand, Korea & Hongkong	ATEP-EDPITAF
Paciencia P. Milan	International Seminar on Tropical Ecology	May 3 to June 4	Stuttgart, Germany	GTZ
	Institutional Development & Resource Management	July 12-24	Australia	ATEP-EDPITAF
	University Teachers Conference & Workshop on South East Asia Ecology and Community Development in Tropical Ecology	Oct. 14-31	Yogyakarta & UKSW, Indonesia	GTZ
Monina N. Escalada	Strategic Planning & Materials Dev't. (STRAPMAD) Module Workshop	May 5-10	Penang, Malaysia	USM
	Global IPM Meeting as Member of the FAO/UNEP	Aug. 29 to Sept. 5	Bogor, Indonesia	FAO
	Expert Meeting for Workshop on Training Module	Sept. 24 to Oct. 10	Thailand	AIT
Racquel C. Serohijos	Field sites visitation, project discussion and laboratory activities at the UNE	May 8-22	Australia	ACIAR
Crisanta S. del Rosario	Training on Sweet Potato Heat Therapy and Virus Indexing	June 7-19	Victoria, Australia	SAPPRAD
Humberto R. Montes, Jr.	Training on Marine Ranch (Marine Farm) Systems	July 13 to Dec. 5	Japan	JICA/Colombo Plan
Antonio L. Acedo, Jr.	International Conference on Postharvest of Tropical Fruit	July 19-23	Chiang Mai, Thailand	ACIAR
Jesúsito L. Lim	Country Specific Program in Environmental Appraisal	July 27 to Aug. 28	Australia	AIDAB

Table 5 Continued ...

Name	Title	Date	Place	Sponsoring Agency
Angela A. Ferraren	ACIAR 9102 Midterm Review, Four International Symposia, Visit Laboratories and Discuss with Scientists Regarding Future Research Activities	Sept. 3 to Oct. 11	Australia	ACIAR, IRRI, INSURF, WPNCF
Julita A. Gapuz	6th Regional Course on Strategies for Rural Development	Sept. 26 to Oct. 8	Bogor, Indonesia	SEARCA
Fe G. Gabunada	International Workshop on Crop-Animal Interactions	Sept. 27 to Oct. 1	Khon Kaen, Thailand	IRRI
Alice M. Acabal	Training Relative to Ph.D. Program at the Dept. of Applied Chem., Osaka Institute of Technology	Oct. 16 to Dec. 15	Osaka, Japan	Prof. Y. Kawasaki
Jacob Glenn F. Jansalin	Phil. Long Term Researches in the DOST JSPS Joint Specific Cooperation Program	Nov. 1 to Apr. 1/94	Japan	DOST-JSPS
Jose L. Bacusmo Editha A. Gundaya Algerico M. Mariscal Fernando Evangelio	4th Asian Cassava Research Workshop	Nov. 2-6	Trivandrum, India	CIAT



Mr. Humberto R. Montes, Jr. (standing) attends a training in Japan on Marine Ranching.

Table 6. Number of faculty/staff members on study leave as of December 30, 1993.

Department	Field of Specialization	School Attended	Degree Pursued		Sponsoring Agency
			Ph.D	M.S	
CSR	Social Dev't	Ateneo de Manila Univ.		1	Univ. Asst./IPI/DSA
	Envi. Studies	UPLB		1	VISCA Fellowship
	Envi. Socio.	Univ. of Hohenheim Germany		1	GTZ
	Comm. Dev't	UPLB	1		IDRC-VISCA
DAC-FS	Food Science	UPLB	1		IDRC
	Chemistry	UP Diliman	1		Financial Assistantship
				1	IDP In-country Fellowship
DAEA	Ag. Economics	UPLB	2		IDRC/FA/ GTZ
	Bus. Adm.	UP Diliman	1		VISCA Fin. Asst.
	M. Mgt.	UPLB		1	VISCA-GTZ/GOP
	Ag. Econ.	VISCA		1	VISCA (Thesis Support Only)
DABAM	Non-Convent'l	Univ. of Hohenheim Germany	1		GTZ
	Sources of Energy	SUNYA, USA	1		Univ. Asst.
	Educ. - Math.	Purdue Univ., Indiana, USA	1		Fulbright
	Ag. Eng'g	Griffith Univ., Australia	1		ACIAR-VISCA
	Statistics	UPLB	1		VISCA Fellowship
	Watershed Mgt.	Univ. of Idaho	1		Univ. Asst.
	Biotech./Bio-	Nagoya Univ., Japan	1		Manbusho
	Reaction Eng'g				
DAL	Sociology	UP Diliman	1		VISCA Fin'l. Asst.
	Ecology & Cul- tural Anthro	USC, Cebu		1	VISCA-GOP
DHS	Food & Nut	UPLB		1	BIDANI
DDC	Communications	Wageningen U. Netherlands	1		GTZ
		Reading Univ., Beshire, England	1		Univ. Asst.
DPBAB	Agronomy	UPLB	1		IDRC
Sub-total			17	8	

Table 6. Continued

Department	Field of Specialization	School Attended	Degree Pursued		Sponsoring Agency
			Ph.D.	M.S.	
DOF	Forestry	Clemson Univ., South Carolina	2		Univ. Asst.
	Agroforestry	UPLB	1		GTZ
	Forest Envi. Mgt	Albert-Ludwigs, Univ. Freiburg, Germany	1		GTZ
	Forestry	UPLB	1		VISCA Fellowship
	Envi. Studies	UPLB	1		VISCA Fellowship
DOH	Horticulture	Louisiana SU	1		Methodist World Hunger Scholarship
DPP	Biology/Marine Invertebrates	UP Diliman	1		VISCA Fellow
	Marine Fisheries	UP Diliman	1		DA-BAR-FSP
	Taxonomy & Systematics	Univ. of Hohenheim, Germany	1		GTZ
DSS	Agronomy	UPLB	2		GTZ, VISCA Fellowship
	Soil Science	UP Diliman	1		Univ. Asst.
	Soil Classification & Genesis	Univ. of Hohenheim, Germany	1		GTZ
ERHS	Chemistry	USC, Cebu		1	VISCA-GOP
FARMI	Sociology	Kansas SU, USA	1		Univ. Asst.
NARC	Botany	Nat'l. Univ., Singapore		1	Univ. Asst.
PRCRTC	Soil Science	Iwate Univ., Japan	1		Monbusho
	Extension	UPM, Malaysia	1		IDRC
	Ag. Mach./Mach.	UPLB	1		GTZ
	Molecular Bio	Nagoya Univ., Japan	1		Monbusho
	Postharvest Physiology	UPLB	1		IDRC
	Plt. Biotech.	Yagamata Univ.,	1		Monbusho
Sub-total			21	2	
Total			38	10	

AWARDS AND SPECIAL ACHIEVEMENTS OF STAFF AND STUDENTS

Some of the staff and students received special awards during the year in recognition of their outstanding performance (Table 10).

Table 10. List of staff/students who received awards as of December 31, 1993.

Name of Staff/Student	Award/Recognition Received	Date/Venue	Remarks
Dept. of Ag. Chem. & Food Science:			
1. Mr. Felix M. Salas and his adviser (Dr. Florentino C. Sumera)	DOST 1993 Outstanding Research Award (Environmental Category)		For their research work "Synthesis of a New Class of Environmentally Safer Insecticides"
Agricultural Education and Extension:			
Staff:			
1. Prof. Julita A. Gapuz	Plaque of Appreciation - "Most Active Female Participant"	August - Oct. 1993 UPLB & Bogor, Indonesia	
Student			
2. Miss Rosario Pedrano	Second Place - 1993 Prof. Board Exam for Teachers, Region 8		
Department of Development Communication:			
Staff:			
1. Dr. Monina Escalada	Bronze Award for the Outstanding Applied Research Category	July 15-17, 1993 ViSCA Highlights	During the 5th Regional Symposium for R & D
2. Dr. Wolfreda T. Alesna	DENR Award	July 21, 1993	During the DENR Joint Conference of MultiSectoral Forest Protection Comm.
Students:			
1. Vincent Michael Borneo	Gold Award (English Sports-writing)	November 4-5, 1993	First Regional Tertiary School Press Conference
2. Jotham Lopez	Silver Award (Filipino Photo-journalism and Bronze Award (Filipino newswriting)	- do -	- do -
3. Milvan Rey Auza	Bronze Award (English Newswriting)	- do -	- do -
Department of Plant Breeding and Ag. Botany:			
1. Dr. Othello Capuno	Plaque of Recognition	Carmen, Cebu	for his white corn research and professor/head of DPBAB

Table 7 Continued

Name of Staff/Student	Award/Recognition Received	Date/Venue	Remarks
Department of Plant Protection:			
1. Dr. Ruben M. Gapasin	Outstanding Basic Research Award - "Weeds As Alternate Hosts for Nematodes"	July 15-17, 1993 ViSCA, Baybay, Leyte	R & D Symposium
2. Ms. Bernardita P. Germano	Best Paper Award - "Effects of Unilateral Eyestalk Ablation on Growth in Juvenile Blue Crabs <i>Portunus pelagicus</i> (L.) (Crustacea: Decapoda: Potamidae)"	Oct. 19-23, 1992* ViSCA, Baybay, Leyte	FIMFS Silver Anniversary
3. Dr. Lualhati M. Noriel	Outstanding Basic Research (Bronze Category) Award - "Biology of <i>Borreria lacavis</i> : Life Cycle"	July 15-17, 1993 ViSCA, Baybay, Leyte	R & D Symposium
4. Dr. Rodolfo A. Paningbatan	Outstanding Applied Research (Silver Category) Award - "Trichoderma as Biological Control Agent of Sweet Pepper Stem Rot"	July 15-17, 1993 ViSCA, Baybay, Leyte	R & D Symposium
5. Dr. Lina T. Villacarlos	Outstanding Research Award (Forestry category) - "Biological Control of <i>Heteropsylla cubana</i> Crawford (Psyllidae Homoptera) Infecting <i>Leucaena leucocephala</i> (Lam.) De Wit in Visayas and Mindanao, Philippines"	June 26, 1992*	DOST 1992 - NSTM Search for Outstanding Research Award
	Distinction Award in Research (Government sector)	May 5, 1993	Philippine Assoc. of Entomologists, Inc.
Department of Animal Science and Veterinary Medicine:			
1. Dr. Tomas J. Fernandez	Outstanding Teacher and Best Paper Award		11th PSAS Regional Convention
2. Dr. Sulpecio C. Bantugan Ms. Fe G. Gabunada	2nd Best Paper Award		-do-
3. Dr. Eugene B. Lafiada	3rd Best Paper Award		-do-

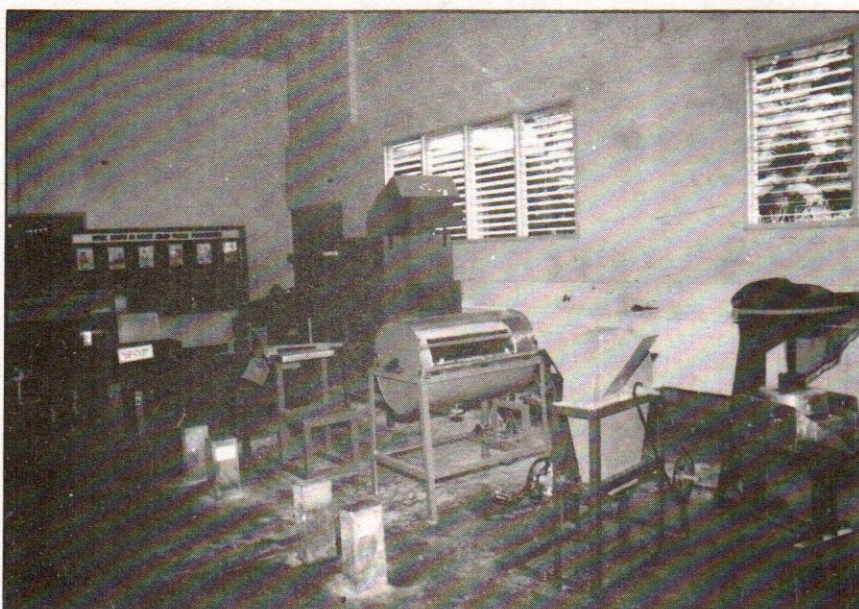
* not reflected in 1992 Annual Report

Table 7. Continued

Name of Staff/Student	Award/Recognition Received	Date/Venue	Remarks
Experimental Rural High School			
1. Law Modina Nello Bayani Roa Noreve Gay Canada	First Place		Physics Olympiad
2. Darlene Sanchez Jude Ray Laguna Noreve Gay Canada Josi Frances Dabuct Kathlene Capacio	First Place	Alang-alang Leyte	Regional Science Fair
3. Nello Bayani Roa Noreve Gay Canada Darlene Sanchez Kathlene Capacio Ma. Dolette Gonzal	Second Place	Tanauan, Leyte	Inter-School Quiz Show,
4. Nello Bayani Roa Noreve Gay Canada Darlene Sanchez Kathlene Capacio Ma. Dolette Gonzal	Second Place		UP-Sidlangan Inter-School Contest
5. Cristina C. Genosa	First Place	Baybay, Leyte	Oratorical Contest DYAC, VISCA
6. Law Modina Nello Bayani Roa Noreve Gay Canada	12th Qualifiers		Interregional Stage Competition of the Philippine Physics Olympiad for Cluster 2 Region 8

Research and Development

VISCA's research and development activities during the year focused on problems affecting small farmers and improving farm productivity. Likewise, low-cost tools and equipment were developed and evaluated for village-level production. Linkages with research and funding institutions continued to promote exchange of research technologies and draw grants for VISCA's research programs.



ACCOMPLISHMENTS

A total of 224 studies were implemented and distributed as follows: 107 ongoing, 46 new, 20 extended and 51 completed (Table 7). The total research budget for CY 1993 was P 11,267,000.00, with 14.57 percent increase from the previous year's budget (P 9,625,000). The largest share of the budget went to the root crop commodity, 38.15 percent (P 4,298,000.00) followed by coconut, 15.66 percent (P 1,764,000.00) (Table 8). Other than the GOP funds for research, VISCA generated funds from the different local and foreign agencies. Among the local sources, 35.13 percent came from the International Rice Research Institute (IRRI). From foreign agencies, 79.92 percent came from the International Development Research Centre of Canada (IDRC) (Table 9).

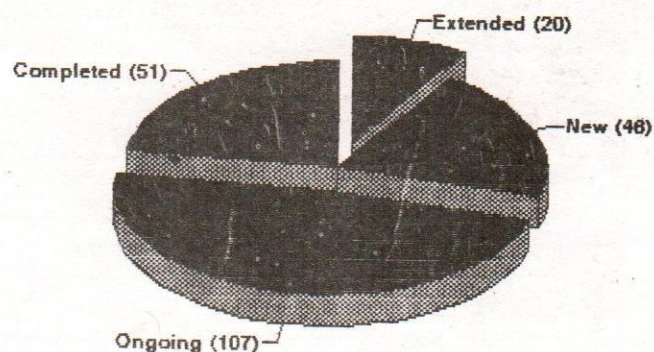


Figure 4. Number of Research Studies Conducted, CY 1993.

Table 8. Number of Research Studies Implemented for CY 1993.

Commodity	Status				
	On-going	New	Extended	Completed	Total
1. Abaca & Fiber Crops	13	1	2	3	19
2. Ag. Eng'g.	-	3	-	-	3
3. Applied Comm.	-	-	1	-	1
4. Coconut & Palm Oil	8	4	2	1	15
5. Ecosystem	9	5	-	2	16
6. Farming Systems	5	10	-	11	26
7. Fisheries	-	-	-	1	1
8. Forage & Pasture	1	-	-	-	1
9. Forestry/Social Forestry	3	-	-	3	6
10. Fruits & Fruit Trees	3	1	-	1	5
11. Poultry & Livestock	2	2	-	2	6
12. Rice, Corn & Other Cereals	8	2	-	2	12
13. Root Crops	46	7	10	23	86
14. Rural Sociology	-	3	-	1	4
15. Socioeconomics	-	4	-	1	5
16. Soil & Water Resources	4	1	-	-	5
17. Vegetables	5	2	2	-	9
Total	107	46	20	51	224

Table 9. Comparative Budget for Research and Development Projects (GOP) for CY 1992 and CY 1993.

Commodity	DIRECT COST (P 000)			
	1992		1993	
	No.	Amount	No.	Amount
Applied Communication	-	-	1	142
Abaca & Fiber Crops	17	1,499	9	1,537
Ag. Engineering	-	-	2	282
Applied Communication	-	-	1	142
Coconut	13	1,413	13	1,764
Corn	2	376	2	143
Fruits	2	167	3	438
Forage and Pasture	4	537	1	76
Medicinal Plants	-	-	3	413
Poultry, Livestock	4	620	5	711
Rice, Corn & Other Cereals	2	171	3	320
Root Crops	30	4,080	28	4,298
Rural Sociology	-	-	1	50
Soil Resources	1	272	1	435
Vegetables	5	490	6	658
Total	80	9,265	78	11,409

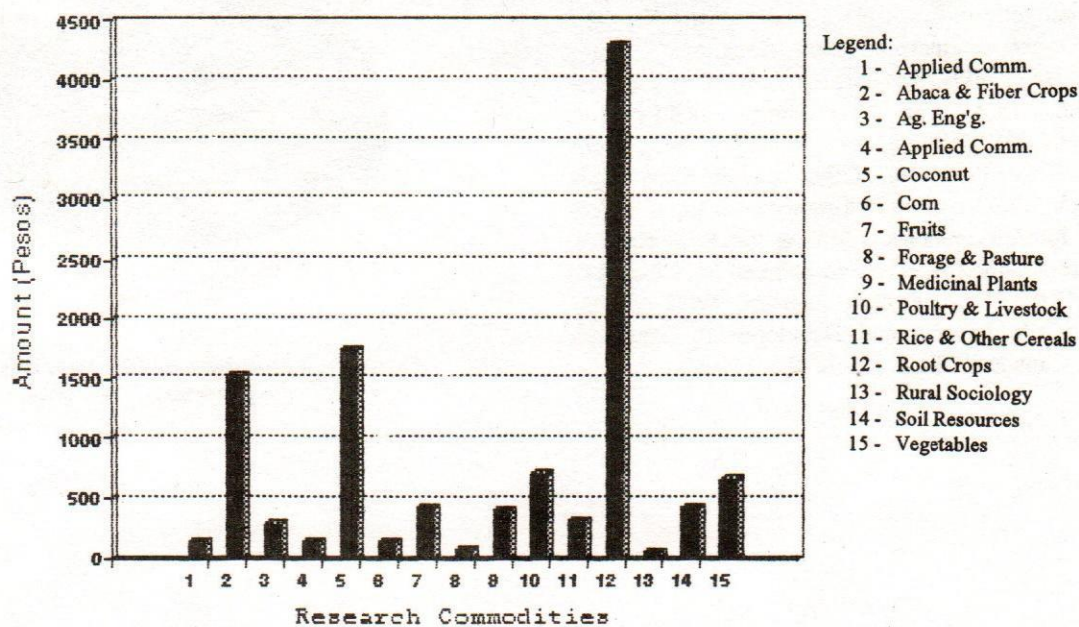
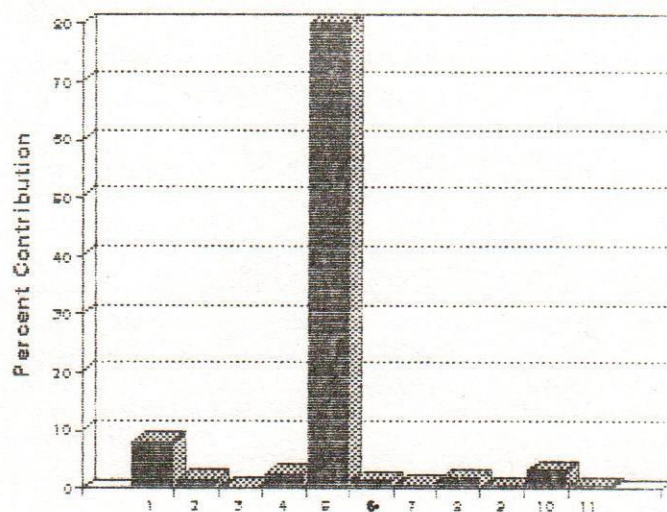


Figure 5. Budget for Research and Development Projects (GOP) for CY 1993.

Table 10. Source of Funds for Research, CY 1993.

Funding Agency	Amount (Pesos)	Contribution	
		% Sub- Total	% Gross Total
A. VISCA (GOP)	11,606,712.00		53.97
B. Local Sources			
1. DENR-UDP	163,505.80	7.43	0.76
2. DOST-GIA	567,000.00	25.77	2.64
3. FARM Trust	122,316.03	5.56	0.57
4. IRRI	772,796.71	35.13	3.59
5. MICC	157,500.00	7.16	0.73
6. NRCP	82,000.00	3.73	0.38
7. PCARRD	209,944.00	9.54	0.98
8. PCARRD/PCA	109,820.00	4.99	0.51
9. PhilRice	15,000.00	0.68	0.07
Sub-total	2,199,882.54	100.00	10.23
C. Foreign Sources			
1. ACIAR	617,056.89	8.01	2.87
2. CIIFAD Cornell	116,050.00	1.51	0.54
3. FAO	13,750.00	0.18	0.06
4. GTZ	198,005.00	2.57	0.92
5. IDRC	6,152,892.30	79.92	28.61
6. IFS	105,906.05	1.38	0.49
7. INSURF	55,500.00	0.72	0.26
8. RTI, Netherlands	135,837.13	1.76	0.63
9. UPWARD	27,000.00	0.35	0.13
10. USAID	240,157.00	3.12	1.12
11. WINROCK/F-FRED	36,720.00	0.480	0.17
Sub-total	7,698,909.37	100.00	35.80
Grand Total	21,505,503.91		100.00



Legend:

- | | |
|--------------------|----------------------|
| 1 - ACIAR | 7 - INSURF |
| 2 - CIIFAD Cornell | 8 - RTI-Netherlands |
| 3 - FAO | 9 - UPWARD |
| 4 - GTZ | 10 - USAID |
| 5 - IDRC | 11 - WINROCK /F-FRED |
| 6 - IFS | |

Figure 6. Foreign Sources for Research, CY 1993.

New Technologies Developed

I. Root Crop Food Products

-Cassava crunch, cassava binangkal, takudo waffle, corned carabeef, fried cassava chips and sticks, fried sweet potato chips and sticks

Mature Technologies for Dissemination

A. Sweet Potato

1. PSB Sp 16 - Developed in VISCA; with an average yield of 15.3 tons/ha.; good eating quality; performs well in lowland condition; moderately resistant to weevil and resistant to scab.



Root crop food product

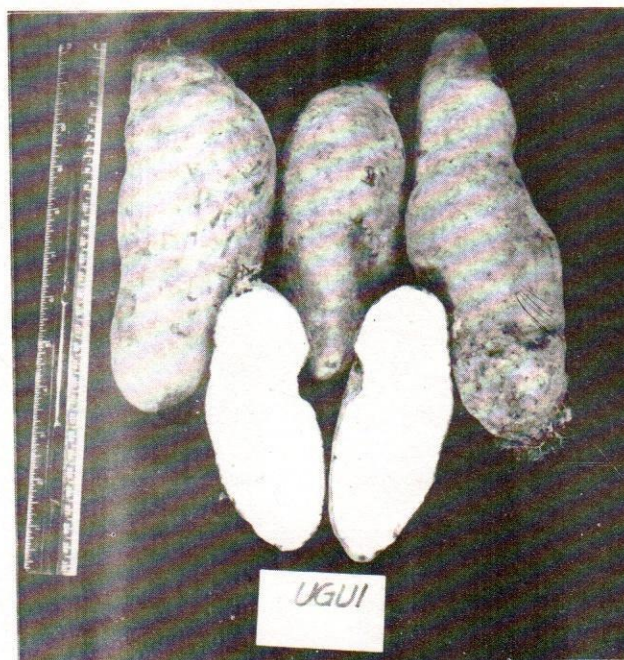
2. PSB Sp-17 -Developed in UPLB and screened in PRCRTC; with an average yield of 17.84 tons/ha.; high dry matter and starch content; good for eating and industrial purposes.

B. Cassava

1. PSB Cv-9 - Developed in CIAT and screened in PRCRTC; with an average yield of 32.9 tons/ha; can be grown in all regions in the Philippines; adapted in Visayas and Mindanao; moderate HCN and starch contents; good for industrial processing.
2. PSB Cv-10- A variety selected from Centro Internacional de Agricultura Tropical (CIAT); high harvest recovery; high dry matter and starch content; good for industrial processing; recommended solely for Mindanao.

C. Tugui

1. PSB VT-2 - An Apali variety acquired from Puerto Rico and screened in PRCRTC; with an average yield of 12.3 tons/ha; resistant to leaf spot; high protein content and recommended for food consumption.
2. PSB VT-3 - Collected from Bohol and screened in PRCRTC; with an average yield of 12.7 tons/ha; resistant to leaf spot and leaf blight; can be grown in all regions of the Philippines and recommended for food consumption.



D. Taro

1. PSB VG-2 -Average yield of 6.7 tons/ha; with excellent eating quality, resistant to drought and can be grown in all regions of the Philippines.
2. PSB VG-3 - Average yield of 8.19 tons/ha; good eating quality; tolerant to soft rot and can be grown in all regions of the Philippines.

E. New varieties of stringbeans and cowpea adapted to VISCA conditions - Newly approved varieties; potential characteristics that can favorably improve vegetable production.

F. Feeds/Livestock Improvement

1. The Use of Rootcrops in Various Animal Feed Formulations
2. The Use of Upgraded Rams for Improved Sheep Production
3. The Use of AI in Upgrading Swine and Large Ruminants (Carabao/Cattle)
4. Improved Pasture Species of Grasses and Legumes for Ruminant Feeding
5. Improved Housing System for Small Ruminants (Goat and Sheep)
6. Silage Making
7. Urea-Molasses - Mineral Block (UMMB) as Ruminant Feed Supplement

G. Agroforestry Systems

H. Tree Farming and Reforestation Technologies

Research Awards

During the 5th Regional Symposium on R & D Highlights, nobody qualified for the golden award. However, VISCA researchers got silver and bronze awards in different categories, namely:

A. Applied Research Category:

Silver Award - "Trichoderma Species for the Biocontrol of Sweet Pepper Stem Rot (*Sclerotium rolfsii* Sacc.) by Rodolfo A. Paningbatan

Bronze Award:

First Place - "Farmer Participatory Research on Improving Pest Management of Rice Farmers" by Monina M. Escalada and K. L. Heong

B. Basic Research Category:

Bronze Awards

First place - "Weeds as Alternate Hosts of Nematode" by Ruben M. Gapasin, E. B. Barsalote and M. S. Lumbre

Third place - "Biology of *Borreria laevis* (Lam.) Griseb: Life Cycle and Gross Morphology." by Lualhati M. Noriel, Flora Mia Duatin and M. S. Lumbre

Recognition award (bronze) - "Inhibitory Influence of Sweet Potato-Used Soil on the Growth of Sweet Potato Plants" by Jose Pardales

Manpower Resources

A total of 937 staff were involved in research during the year of which 731 were under VISCA's projects while 206 were supported by foreign agencies. The 731 personnel under VISCA's support included some of the faculty members who were involved in research activities as project and study leaders.

LIST OF COMPLETED RESEARCHES

A. Technical Departments

Department of Agricultural Chemistry and Food Science

1. Development and Improvement of Bakery Products from Sweet Potato and Cassava. Funding Source: PRCRTC.
2. Utilization of Stabilized Cocomilk in Some Testing & Newly Developed Products. Funding Source: VISCA.
3. Pilot Testing of Rootcrop Bakery and Other Products. Funding Source: PRCRTC.

Department of Agricultural Economics and Agribusiness

1. Socioeconomic Constraints to the Adoption of Cropping Methods for Soil Conservation by Upland Farmers in Leyte, Philippines. Funding Source: ACIAR-PCARRD.
2. Monitoring of Some Impact Variables of the Integrated Root Crops Development Project (IRCP) in Pinabacdao, Samar. Funding Source: IDRC.
3. Comparative Cost and Return Analysis of Indigenous and Improved Practices of Processing Fried Cassava Chips in Guimaras, Iloilo. Funding Source: IDRC.
4. Commercialization of Cassava Chips. Funding Source: IDRC.
5. Marketability and Acceptability of High Yielding Sweet Potato Varieties, Root Crops and Its Processed Products in Selected Areas of Leyte and Samar. Funding Source: IDRC.

Department of Agronomy and Soil Science

1. Efficacy Test of "Mega Yield" Foliar Fertilizer on Corn. Funding Source: VISCA-PCARRD.
2. Characterization of Oils in Mt. Pangasugan. Funding Source: NFTA.

Department of Animal Science and Veterinary Medicine

1. Anthelmintic Value of Some Local Plants. Funding Source: VISCA.



Makahiya leaves used as dewormer.

2. Performance Evaluation of Forage Crops Under Different Climatic and Varied Soil Conditions. Funding Source: VISCA/ PCARRD.
3. Action Program for Carabao Improvement. Funding Source: VISCA/ PCARRD/LGU's.

Department of Horticulture

1. Distribution of Aroids and Epiphytes Species in Mt. Pangasugan According to Elevation. Funding Source: VISCA - GTZ.
2. Establishment of Orchard in Hillyland. Funding Source: VISCA.

Department of Plant Breeding and Agricultural Botany

1. Cytogenetic Studies in Wide Crosses of Sweet Potato. Funding Source: IDRC.
2. Survey of Upland Rice Weeds in Three Villages in Matalom. Funding Source: URCON.
3. Evaluation of Sweet Potato Genotypes Under Acid Upland Conditions. Funding Source: IDRC.
4. Tissue and Embryo Culture in Sweet Potato & Hybrids. Funding Source: IDRC.

Department of Plant Protection

1. Hatchery and Culture of Sex-Reversed Tilapia (*Orochonus niloticus*) in Freshwater Fishponds in Leyte. Funding Source: PCARRD/VISCA.

Research Centers

Center for Social Research

1. Profiling and Project Documentation of ISF Model Sites in Leyte and Southern Leyte. Funding Source: DENR - 8.
2. Socioeconomic Profile of Upland Farmers. Funding Source: VISCA-GTZ Ecology Program.
3. Socio-Economic Profile of the Maligaya Settlers. Funding Source: DAR.
4. Process Documentation of the Mag-aaral Saka-Unlaran Project. Funding Source: DAR.
5. Mag-aaral Saka-Unlaran Project. Funding Source: DAR.

Farm and Resource Management Institute

1. Assessment of Yield Loss in Upland Rice Due to Brown Spot Disease. Funding Source: IDRC.

2. Biocontrol of Sclerotium Wilt of Peanut with *Trichoderma* sp. Funding Source: IDRC.
3. Field Evaluation of Corn Ricebean Crotalaria Cropping Pattern. Funding Source: IDRC.
4. In-depth Study on Resource Management Use and Productivity of Upland Rice Farmers by Wealth Categories in Matalom, Leyte. Funding Source: URRCON.
5. Socio-economic Analysis of Alternative Palay Processing Methods in Matalom, Leyte. Funding Source: IRRI.
6. Screening for Cultivar Competitiveness. Funding Source: ADB/IRRI.
7. Assessment of Yield Losses Due to Weeds In Upland Rice at Matalom, Leyte. Funding Source: ADB/IRRI.
8. Analysis of Rice-Weeds Competitive Ability. Funding Source: ADB/IRRI.
9. Evaluation of Different Leguminous Species in Upland Rice-Legume Rotation System. Funding Source: IRRI.
10. Ash x P x K Study on Rice-Sweet Potato Rotation System Under Red Acid Soil Condition. Funding Source: IDRC.
11. Upgrading Native Chicken. Funding Source: IRRI.
12. A Survey of Upland Rice Weeds in Three Villages of Matalom Using Poblisco and Moody's (1985) Method. Funding Source: ADB/IRRI.

Regional Coconut Research Center

1. UPLB Coconut Breeding Project: Field Performance of Coconut Hybrids/Cultivars. Funding Source: PCARRD.



RCRC's coconut hybrid project.

SUPPORT SERVICES UNDER ODREX SUPERVISION

I. VISCA Printing Press

The VISCA Printing Press serves the printing needs in instruction, research and extension. Aside from providing offset printing and binding services to various academic and administrative offices of VISCA, it also serves as a laboratory for the internship program of the Department of Development Communication.

The VISCA Printing Press gave priority to requests of various centers/departments/units/offices of the College. Government agencies and other private individuals also availed of its services. Acceptance of private orders was under the discretion of the VPP manager. Job requests included the printing of office publications, certificates, programs and invitation, letterheads, technoguides, brochures, newsletter, magazines, tickets, poster, development songs and office forms. It also catered binding services.

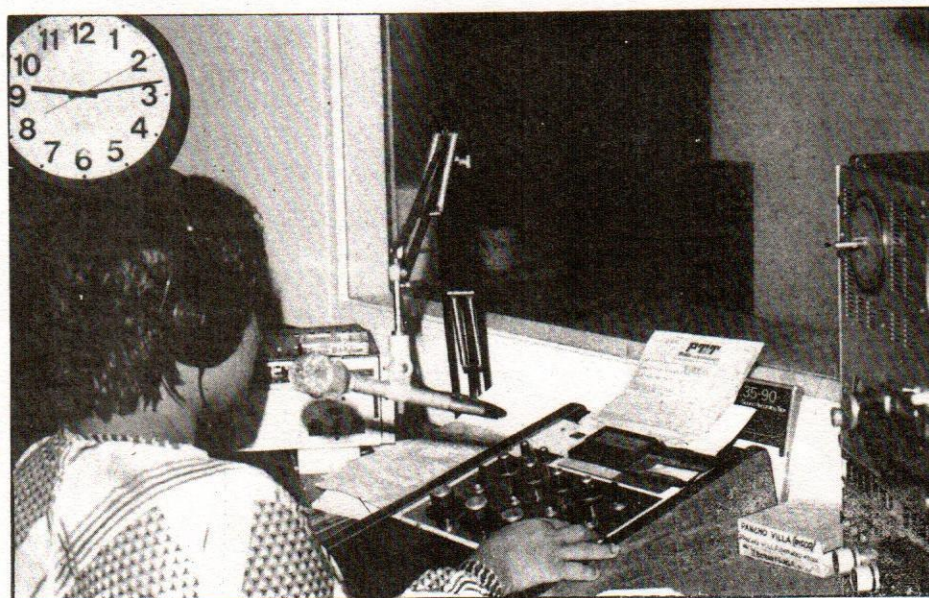
In 1993, the Printing Press earned a total income of P 309,158.50. This reflected a 44.45 percent increase from the previous year's income of P 214,025.40.

II. Radio Station DYAC

Another arm of Research and Extension is the VISCA Radio Station DYAC. As an educational broadcast station, it functions as a tool for technology transfer, value formation and disseminating development information. It also serves as information channel especially to farmers in remote areas.

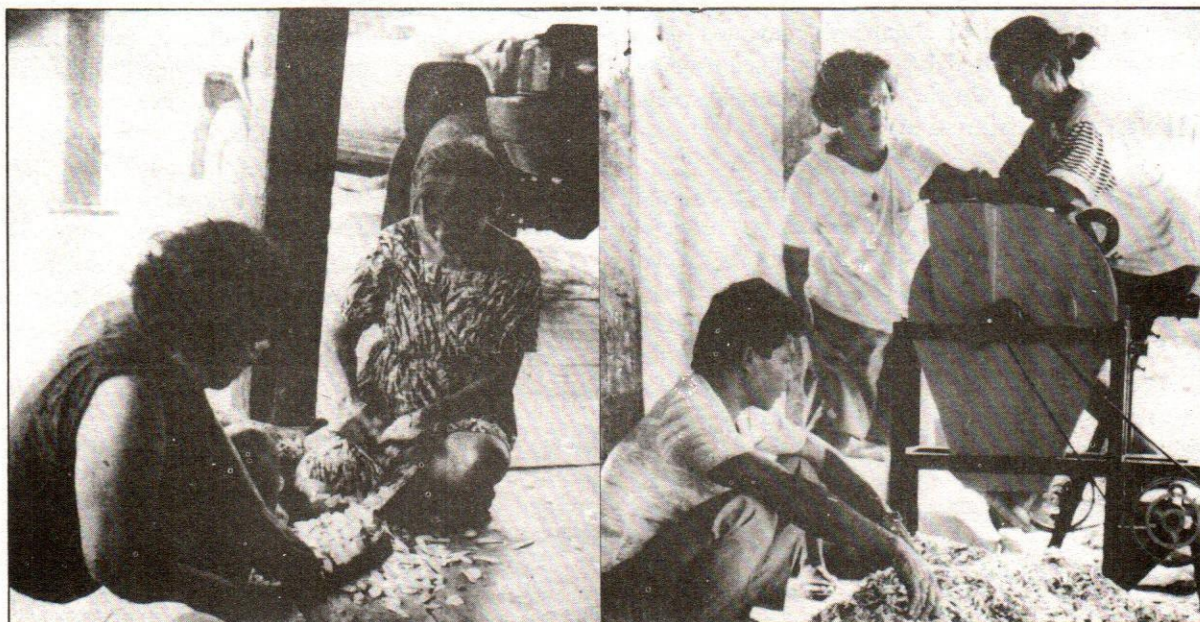
During the year, 100 rural folks graduated from DYAC's "School on the Air" (SOA) program. This indicated a significant increase from the previous year. The program encourages entrepreneurship among farmers and housewives through some means of livelihood aired by DYAC. In 1993 DYAC received the following awards and appreciation from government and private agencies:

- a. "Gawad CCP Award Para sa Radyo"
- b. "S & T Media Award"
- c. Certificate of Appreciation
from PCARRD/ViCARP
- d. Certificate of Appreciation
from Baybay Barangayanon Jaycess



VISCA's radio station DYAC.

Extension



VISCA's extension activities facilitate the diffusion and farmer acceptance of its technologies, some of which drawn from relevant research findings. The College continued to disseminate and deliver its technologies and services to the different clientele in various parts of the country. Extension activities aim at upgrading the technical knowhow of rural development workers for them to effectively deliver important services needed by the small farmers. Various forms of extension activities consist of technology dissemination, technical assistance in technology implementation, skills training, seminars-workshops, lectures and maintenance of demonstration farms.

A. Technology Dissemination

During the year, seven major root crop commercialization projects were established with major production/processing cooperators in Leyte (5 sites), Southern Leyte (2 sites), Samar, Surigao del Norte (3 sites). Most of the projects centered on cassava and sweet potato processing and utilization which included: processing of flour, chips, food products from root crops and feeds.

The Food Science Section of the Department of Agricultural Chemistry and Food Science was instrumental in the establishment of a small scale sweet potato processing plant in the Bicol Region. Some Food Science research personnel were also involved in the

root-crop processing and utilization program of Surigao City. In all extension activities, the main beneficiaries were the root crop farmers and processors.

B. Trainings and Non-formal Education

Trainings on root crop technologies with emphasis on production, processing and utilization were conducted for farmers, homemakers and technicians.

The CSR staff conducted a total of 16 trainings on crop and food processing, accounting, orchard and cutflower production and environmental sanitation for the clientele of its community-based extension projects.

VISCA's Mobile Theater through the Department of Arts and Letters continued to conceptualize other stage presentations of developmental concerns.

The Department of Agricultural Economics and Agribusiness continued its extension activities through the revised project called Barangay Integrated Area Development Project (BIADEP) and continued training barangay folks in simple farm record-keeping, cooperatives and feasibility study.

The Department of Agricultural Education and Extension, in addition to their services as resource persons in training programs and consultant in special projects, initiated a review class for the teachers' board exam. There were 36 reviewees from within and outside VISCA.

Extension activities of the Farm and Resource Management Institute (FARMI) concentrated on soil and water conservation trainings which involved a total of 228 farmers. FARMI carried out participative planning and evaluation meetings among 28 farmer organizations in Matalom, Leyte.

Extension activities done by the Department of Physical Education included first aid training for the youth and barangay health workers; lecture-demo on dance for the youth, teachers and rural folks; swimming and life saving for the youth; and lecture- demo on officiating basketball for youth. These trainings were conducted in the different barangays of Baybay, Leyte namely: Caridad, Hilapnitan, Mahayag, Tugas, Cansungka, Guadalupe, Pangasugan, Cogon and Sto. Rosario.

Meanwhile, conceptualization on how to activate further the dynamics of VISCA's extension programs and make a dent in the life of farmers continues.

C. Technical Assistance

The Plant Pest Clinic of the Department of Plant Protection continued to provide assistance in dealing with pest-related problems to farmers, students, researcher, faculty members and other government

personnel in the Visayas. Several visitors, such as trainees, teachers, and private persons came to see the insect collection of the DPP Museum.

Extension activities done by the Department of Agricultural Engineering and Applied Mathematics included the following: consultation, data collection and finalization of project proposal for Cagnituan Micro-hydro Project in Maasin, Southern Leyte; demonstration on the use of the ricehull-fueled cookstove in VISCA Market, Baybay Town Market, and Abuyog, Leyte; fabrication of ricehull-fueled cookstove for Barangay Marcos users; dissemination of non-conventional energy technology; and coordination and provision of hands-on training to PSPC agricultural engineering students who conducted their field practice experience in VISCA.

D. Other Extension Activities

The Department of Forestry continued its ongoing extension projects such as: agroforestry demonstration farm, nursery and plantation establishment; forest conservation and protection project. It also conducted skills training on reforestation and agroforestry systems technologies to the farmer-leaders and field-technicians of non-government organizations. The Department of Horticulture produced technoguides, brochures and sold at minimal cost various planting materials to farmers. Some farmers also received technical assistance..

The Center for Social Research continued undertaking its extension projects such as: training of Local Government Units (LGUs) in project development; socio-economic database in support of LGUs; strengthening NGO participation in LGUs and Voters Education Program. It also provided technical assistance in terms of facilitating the conduct of planning workshops for LGUs and church groups as moderators and resource persons. It was also involved in the pre-congress activities and the congress proper for the National Congress of People's Organizations (NACOPO).

Various publications were produced and distributed to farmers, agricultural technicians, other agencies, students, researchers and interested readers.

Publications

Aside from publications produced for VISCA's extension programs, the different departments and centers of the College put out technical and popular bulletins. Some articles found their way in various publications.

A. New Publications

1. Graduate Compendium - Graduate School
2. ViFARD Ventures - ViFARD Foundation

B. Articles Published

Department	Title and Nature of Publication
A. Department of Agricultural Chemistry and Food Science	
1. "Volume Porosity and Moisture Distribution Changes During the Drying of Rennet, Lactic and Mineral Acid Caseins Particles." Transactions of Inst. of Chemical Engineers (U.K.)	International Publications - Quarterly
2. "Development and Potential of Cassava Crunch."	Phil. Journal of Food Science And Technology Vol. 1 - Bi-Annual
B. Department of Plant Protection	
1. "Four New Species of Entomophthorales Infecting the Leucaena Psyllid <i>Heterophylla cubana</i> in the Philippines."	Mycological research (in press)
C. Department of Plant Breeding and Agricultural Botany	
1. "Cytology and Fertility of Sweet Potato x Diploid <i>I. trifida</i> F1 Hybrids and Their potential in Analytic Breeding of Sweet Potato." 1992.	Fellowship Research Report. The Matsumae International Foundation
D. Department of Horticulture	
1. "Banana fruit Response to Ethylene at Different Concentration of Oxygen and Carbon Dioxide."	ASEAN Food Journal 8(2):54-60
2. "Effects of Evaporative Cooling Condition on the Postharvest Life of Tomato and Sweet Pepper Fruits."	Philippine Journal of Crop Science 18:37 (Abstract)
E. Department of Animal Science and Veterinary Medicine	
1. "Pharmacological Studies of Medicinal Plants Against Coryza."	ASEAN Journal on Technology and Development - Quarterly

(Articles published continued ...)

Department	Title and Nature of Publication
F. Department of Development Communication	
1. "Human and Social Constraints to IPM Implementation."	FAO Plant Protection Bulletin. Vol. 41 No. 2
2. "Communication and Implementation of Change in Crop Protection."	In Crop Protection and Sustainable Agriculture (ed. by Chadwick D.J. and J. Marsh), pp. 191-202 Chichester: John Wiley & Sons.
3. "Farmers' Perceptions of Rice Pest problems and Management Tactics Used in Vietnam."	IRRI Newsletter. 18(2):31
G. Farm and Resource Management Institute	
1. "Involving Farmer in Developing Small Farm Tools in Matalom, Leyte, Philippines."	On Farm Research Notes. No. 14. Quarterly Publication - FARMI, June 1993.
2. "Micro Rice Mill: A Boon or a Blight."	On Farm Research Notes. No. 15. August 1993.
3. "Using <i>Alayon</i> System to Promote Contour Hedgerows in Degraded Uplands."	On Farm Research Notes. No. 16. October 1993.
4. "Topical PRA in Matalom, Leyte."	On Farm Research Notes. No. 16. October 1993.
5. "Integrating Concerns for Gender Roles in Farming Systems Research: A Case in Upland Farms in Matalom, Leyte."	Rice Farming Systems, Technical Exchange. Quarterly Publication of ARFSN and FSSRI, Vol. 3. November 1993.

Linkages



VISCA President Samuel S. Go, DOST Secretary Ricardo T. Gloria and DOST Regional Director Redia Atienza sign a VISCA-DOST Memorandum of Agreement.



Gov. Wayne Jaro shares his development plans to VISCA President Go and DOST Secretary Gloria.

The following local, regional, national, international, and non-government agencies provided support to VISCA's activities:

International

1. Australian Centre for International Agricultural Research (ACIAR)
2. Australian National University and International Institute of Tropical Agriculture (ANU-IITA)
3. Centro Internacional de Agricultura Tropical (CIAT)
4. Centro Internacional de la Papa (CIP)
5. Cooperative Research Centre for Tropical Pest Management, University of Queensland
6. Cornell University (CU)
7. Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ)
8. Food and Agriculture Organization of the United Nations (FAO)
9. Forestry/Fuelwood Research and Development (F/FRED)
10. International Development Research Centre of Canada (IDRC)
11. International Foundation for Science (IFS)
12. International Network on Soil Fertility and Sustainable Rice Farming (INSURF)
13. Integrated Root Crops Development Project (IRCDP)
14. International Rice Research Institute (IRRI)
15. International Service for National Agricultural Research (ISNAR)
16. Kasetsart University
17. New Zealand Embassy (NZE)
18. Nitrogen-Fixing Trees Association (NFTA)
19. PLAN International
20. Rice IPM Network, IRRI
21. Royal Tropical Institute (RTI), Amsterdam
22. South Carolina State College (SCSC)
23. Southeast Asian Research Center for Agriculture and Graduate Studies (SEARCA)
24. Tissue Culture for Crops Project-Colorado State University (TCCP-CSU)
25. United States Agency for International Development (USAID)
26. University of Georgia (UG)
27. Universiti of Pertanian Malaysia
28. User's Perspective with Agricultural Research and Development (UPWARD)
29. Winrock International (WINROCK)
30. World Neighbors (WN)
31. International Institute for Rural Reconstruction (IIRR)
32. University of Georgia, USA
33. International Network on Soil Fertility and Sustainable Rice Farming (INSURF)

Local

A. Government

1. Central Visayas Regional Project (CVRP)
2. Department of Agriculture (DA)
3. Department of Agrarian Reform (DAR)
4. Department of Budget and Management (DBM)
5. Department of Environment and Natural Resources (DENR)
6. Department of Education, Culture and Sports (DECS)
7. Department of Interior and Local Government (DILG)
8. Department of Social Welfare and Development (DSWD)
9. Department of Health (DOH)
10. Department of Science and Technology (DOST)
11. Department of Public Works and Highways (DPWH)
12. Department of Trade and Industry (DTI)
13. Development Bank of the Philippines (DBP)
14. Department Coordinating Council for Leyte and Samar (DCCLS)
15. Institute of Development Communication at UP Los Baños
16. Land Bank of the Philippines (LBP)
17. National Economic and Development Authority (NEDA)
18. National Irrigation Authority (NIA)
19. National Agricultural Resources Research and Development Network (NARRDN)
20. National Nutrition Council (NNC)
21. Office of Energy Affairs- Non-Conventional Research Division (OEA-NCRD)
22. Philippine Coconut Authority (PCA)
23. Philippine Council for Agriculture, Forestry and Natural Resources and Development (PCARRD)
24. Philippine National Oil Company (PNOC)
25. Philippine Seed Board (PSB)
26. Rainfed Resource Development Project (RRDP)
27. University of the Philippines at Los Baños (UPLB)
28. Institute of Plant Breeding (IPB)
29. Fiber Development Authority (FIDA)

B. Others

1. Ateneo Center for Social Policy and Public Affairs
2. Baybay Barangayanon Jaycees (BBJ)
3. De La Salle University - Philippine Upland Resource Center
4. KAISAHAN Tungo sa Tunay na Repormang Pansakahan

5. Knights of Columbus (KC)
6. Ford Foundation
7. Forest, Trees, and People Network (FTPN)
8. Franciscan College of Immaculate Conception (FCIC)
9. International Pharmaceutical, Inc. (IPI)
10. Soil and Water Conservation Foundation, Inc. (SWCFI)
11. LABRADOR
12. De la Salle University - Philippine Upland Resource Center (PURC)
13. Rural Development Forestry Network (RDFN)
14. LEISA
15. Women Association of the Philippines
16. PHIRCSDIK/IIRI/REPIKA
17. Mag-uugmad Foundation Inc. (MFI)
18. Soil and Water Conservation Foundation, Inc. (SWCFI)

Other accomplishments during the year included the following:

- * VISCA and the Department of Science and Technology (DOST) signed a Memorandum of Agreement on September 11, 1993 for the fielding of VISCA's experts in Southern Leyte for increased productivity and quality of products of their livelihood projects in the area. A total of 22 VISCA experts would provide free services for the commercialization of identified products.
- * The Office of the Governor of Biliran established a link with VISCA and invited some of its senior staff to assist the Governor in the development plans of Biliran. Some projects in which VISCA's experts would be involved included the building of the feedmill and its operations and the landscaping of the government's project.
- * VISCA was identified by the Civil Service Commission (CSC) as one of the schools to provide education to some government employees who would be pursuing graduate studies under the government's Local Scholarship Program (LSP). A Memorandum of Agreement on this institutional collaboration was signed by former Pres. Mariano R. Villanueva and Civil Service Regional Director Vivencio N. Muego, Jr. on April 30, 1993 at VISCA.

Auxiliary Services

OFFICE OF STUDENT AFFAIRS

A. STUDENT WELFARE SERVICE

The Student Welfare Services provided special assistance to students so that they can perform fully and adjust to the pressures in the changing environment of student life.

1. Student Organization and Activities

Involvement of students in various organizations and activities under the supervision of OSA served as medium for personality development, skill formation and exposure of students to develop their leadership potential. Significant changes among students were visible in terms of cooperation, commitment and determination such as:

- a. Recognition of 38 student organizations (Table 11) which initiated 266 student activities ranging from co-curricular to extra-curricular activities.
- b. Students' active participation during the VISCA Anniversary greatly contributed to the success of the celebration through their involvement in beauty quest, booth-making and various activities undertaken by the different departments.
- c. The Office of Student Affairs also facilitated the sending of fourteen student delegates to attend the 19th National Congress of College Students in Baguio City sponsored by YMCA and the DECS on December 1-5, 1993 with the theme: "Environmental Awareness: YMCA's Response to the Philippines 2000".

2. Student Recreation

The VISCA Recreation Center (VRC) served the needs of the students as well as visitors and outsiders who loved to play the games available at the Center, such as: bowling, billiard, chess/checkers, dart, scrabble and table tennis (Table 12).



Table 11. Distribution of recognized student organizations according to classification.

Classification	No. of Organizations
College Supreme Student Council	1
College Inter-dorm Student Body	1
Class Organizations	2
Course-Related Organizations	16
Greek-Lettered Organizations	14
Religious Organizations	4

TOTAL	38

Table 12. Rates of various games at VRC.

Game	Rate		
	Student	Staff	Outsider
1. Bowling (per game)	P 4.00	P 5.00	P 6.00
2. Billiard (per hour)	P 5.00	P 5.00	P 5.00
3. Chess (per hour)	P 2.00	P 2.00	P 2.00
4. Dart (per hour)	P 1.00	P 1.00	P 1.00
5. Table tennis (per hour)			
with racket	P 1.50	P 1.50	P 2.00
without racket	P 1.00	P 1.00	P 1.50
6. Scrabble (per hour)	P 2.00	P 2.00	P 2.00

There was an increase of clients served in the recreation center during the year.

3. Student Housing and Accommodation

During the first semester of SY 1993-94, 48.53% (Table 13) of the students were accommodated in dormitories and cottages.



Mahogany Men's Hall occupants together with their advisers and OSA staff during the Annual Open House Celebration.

Table 13. Number and percentage accommodation of students enrolled in VISCA.

Term	Total Enrolment	Housed in Dorms	Percentage
Summer 1993	828	385	46.90%
1st Sem. 1993-94	2,120	1,029	48.53%
2nd Sem. 1993-94	2,108	1,031	48.91%

With the assistance of six carpenters employed on emergency basis, the following were accomplished: repair of dorm lighting facilities and leaking roofs; construction of concrete walls, wash areas and dirty kitchen; installation of water pipes; emptying and making of septic tanks and repair of other minor dormitory facilities.

The student housing operated on a self-liquidating basis pursuant to DBM Memorandum No. 92.8, thus, increasing the student-resident's contribution to the dormitory budget.

B. GUIDANCE PROGRAM

Services provided under this program consisted of individual analysis and testing, consultation, counseling, planning (scholarship and grants), placement and follow-up. Highlights of the guidance program include the following accomplishments:

1. Individual Analysis and Testing Services

- Administration of vocational, aptitude and psychological tests to freshmen and senior students and job applicants.
- Modification of the student appraisal report through anecdotal reports.

2. Information/Consultation/Counseling and Awards

- Individual counseling and assistance of students with academic deficiencies, financial difficulties, social and personal problems.
- Conduct of career and vocational guidance seminar to graduating students of ERHS and freshmen college students, group counseling seminars, orientation and convocation programs.
- Giving recognition in the Honors and Awards Convocation to 80 students for academic honors and some student organizations for performance.

d. Monthly fellowships among the five heads of the different churches in the community to assist OSA in the spiritual nurture of students by holding weekly pastoral counseling.

3. Planning (Scholarships and Grants), Placement and Follow-up

a. Free tuition privilege was implemented effective 12 July 1993 for VISCA employees, their spouses and dependent children who qualify to enroll in both non-degree and degree courses in the College, and special students taking courses for professional growth, refresher or review.

b. The Special Program for Employment of Students (SPES) facilitated employment of 48 students employed during the summer term.

c. A monthly average of 20 student loan applications were processed to assist students in their financial difficulties.

d. Regular student assistantships per hour rate was P3.85. During the year, a total of P 114,250.11 was paid to student assistants (Table 14).

Table 14. Number of student assistants and amount earned for CY 1993.

Month	No. of SA's	No. of hrs. Worked	Amt. Earned
January	47	4,028.00	P 15,505.85
February	54	4,611.00	16,875.06
March	43	3,491.00	13,240.21
April	8	594.00	2,286.87
May	9	913.00	3,515.05
June	53	3,786.50	14,446.90
July	54	5,262.00	16,052.55
August	47	4,579.00	13,974.02
September	50	4,411.50	15,657.90
October	38	2,709.50	10,361.87
November	42	3,120.00	12,363.45
December	36	3,387.50	12,257.25
Total			114,250.11

e. During the first semester of SY 1993-1994 new grants were made available to deserving students such as KTTI, Sangguniang Kabataan and the VISCA Employee/Dependents study grantees. Some 589 scholars and grantees enjoyed financial assistance from various agencies for the first semester (Table 15).

Table 15. Distribution of scholarships/grants by term for SY 1993-1994.

Scholarship/Grant	1st SEM.	%	2nd SEM.	%
A. VISCA Funded Scholarships				
1. Entrance Full	7			
2. Entrance Partial	21			
3. Honorific	42		33	
4. VISCA Full	9		21	
5. VISCA Partial	18		42	
<i>Sub-Total</i>	97	16.5	96	17.6
B. VISCA Funded Grants-in-Aid				
1. Academic Grant A	27		36	
2. Academic Grant B	2		4	
3. Beauty Grant	1		4	
4. Choral Grant	22		10	
5. Dance Troupe Grant	11		9	
6. Income9 Grant	12		7	
7. ROTC Grant	3		1	
8. S.B. Grant	114		107	
9. S.K. Grant	204		148	
10. Varsity Grant	36		38	
11. VISCA Staff Grant			53	
<i>Sub-Total</i>	432	73.3	417	76.2
C. Government and Private Agencies Funded Scholarships and Grants-in-Aid				
1. CHAPCOM			1	
2. Calbayog City Government	1			
3. COCOBANK	19			
4. College Assurance Plan	1			
5. Knights of Columbus	2		1	
6. KTTI	1			
7. NAFC Grant	3		3	
8. PARRFI	4		5	
9. Schouchi Yoshida	1		1	
10. SSFRC Grant	25		22	
11. SNPL Plan	2		1	
12. WSSP	1		1	
<i>Sub-total</i>	60	10.2	34	6.2
Total	589		547	

f. The Office also assisted a number of VISCA graduates find employment and further training by strengthening linkages with other government and non-government agencies.

LIBRARY

For 1993, the VISCA Library had a total collection of 48,000 books and pamphlets, including publications from the Food and Agriculture Organization (FAO) of the United Nations. A number of unpublished materials include: graduate and undergraduate thesis, terminal reports and conference/seminar proceedings. This collection increased by 1,052 volumes over the previous year. There were 150 journals with 73 titles received thru local subscription. During the year, the library served 92,729 readers including guest/researchers from other schools, private firms and government agencies. It received noteworthy donations from various sources, such as: the London-based International Institute for Environment and Development (42 titles), the personal library of the Vietnamese professors, and some valuable materials from the Office of the President. Other donations came from the following:

1. Food and Agriculture Organization of the United Nations (FAO)
2. VISCA-GTZ Project
3. Australian Center for Publications Acquired for Development (ACPAD)
4. Albert R. Mann Library's Core Agricultural Literature Project through the project director, Wallace C. Olsen
5. Australian Center for International Agricultural Research (ACIAR)
6. Centro Agronomico Tropical de Investigacion y Ensenanza
7. Other government agencies (Office of the Press Secretary, Department of Interior and Local Government, (DILG) Department of Environment and Natural Resources (DENR), the Philippine Council for Agriculture, Forestry and Natural Resources Research and Development (PCARRD); and
8. The International Rice Research Institute (IRRI).

New acquisitions during the year included twenty-three (23) video cassettes on science and technology and the 1993 Encyclopedia Britannica.

With the computerization of the library's data, listing of 801 titles were published in the two new computer-generated "New Acquisition" leaflets. Card production at the technical services section was considerably speeded up with the use of the Library micro computer/printer and the CD/ISIS software.

The Library "Catalo" database started four years ago is a computerized listing of books and journals added to the collection since 1989. Accessions beginning 41000 were entered; retrospective inputting of accessions starting in 1992 was continued to include the serial holdings in particular, adding some 883 items into the Library database. All the donated materials were processed and also encoded into the catalo database bringing the entries to a total of 3,424 as of December 1993.

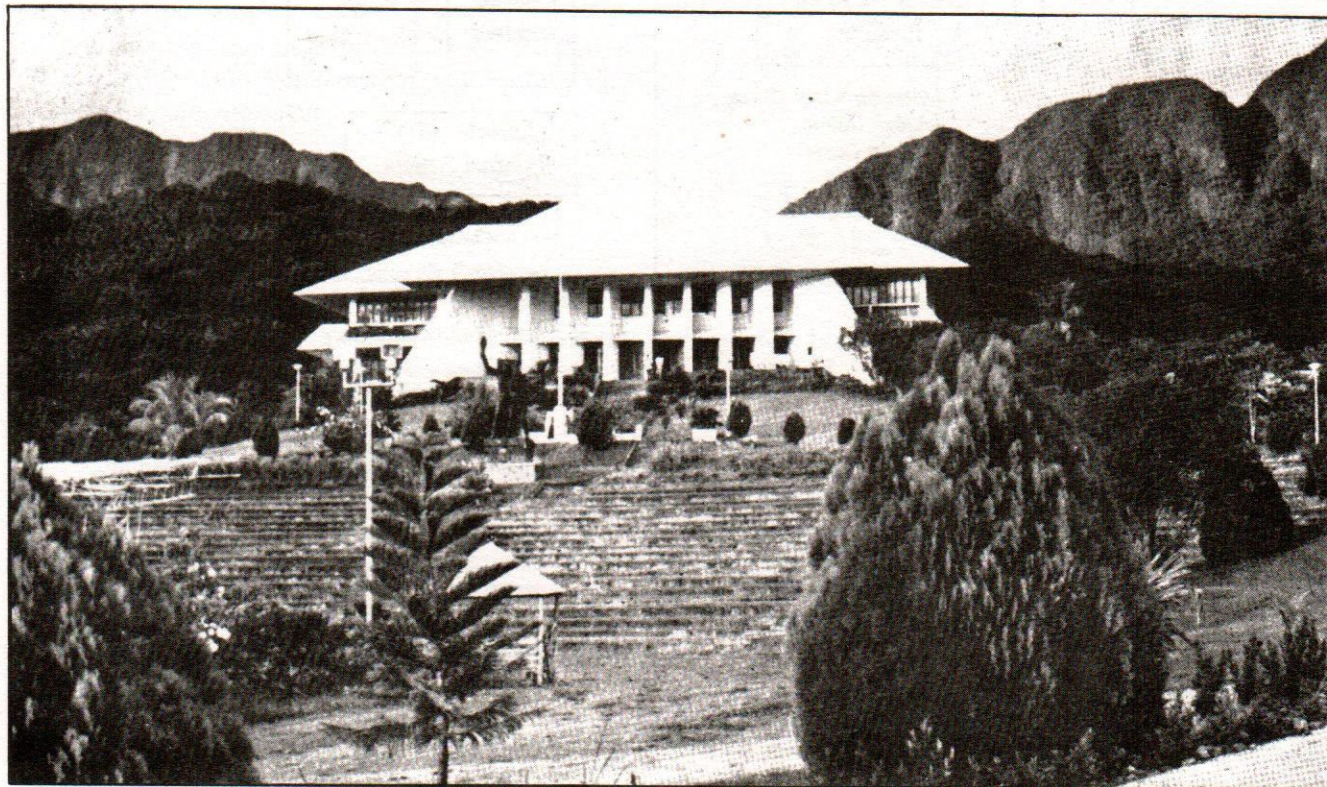
The Philippine Root Crops Information Service (PRIS) continued to update its various databases on root crops, namely: sweet potato, cassava, gabi and yam. It stored a total of 2,344 documents for its on-line literature search services.

The Library's Readers Services made a refresher-orientation to freshmen, senior and graduate students on the systematic use of the library in consonance with their research courses.



An air-conditioned Graduate School Reading Room located at the first floor of the College Library.

General Administration and Support Services



The VISCA Administration Building at the foot of the gigantic Mt. Pangasugan.

The governing body of the Visayas State College of Agriculture (VISCA) resides with the Board of Trustees which is composed of the Secretary of the Department of Education, Culture and Sports (DECS) as Chairman, President of the Visayas State College of Agriculture (VISCA) as Vice Chairman and Regional Director of the National Economic and Development Authority (NEDA) as Member.

During the year, there was a shift in administration after the term of the former president expired. Newly appointed president, Dr. Samuel S. Go, formerly VISCA's Vice President for Administration, assumed office on August 4, 1993. In connection with the approval of the Department of Budget and Management to abolish the Office of Business Affairs and rename the

General Services Office (GSO) into Physical Plant Office (PPO), the new administration instituted the revised organizational set-up of which some offices were upgraded (Fig. 1).

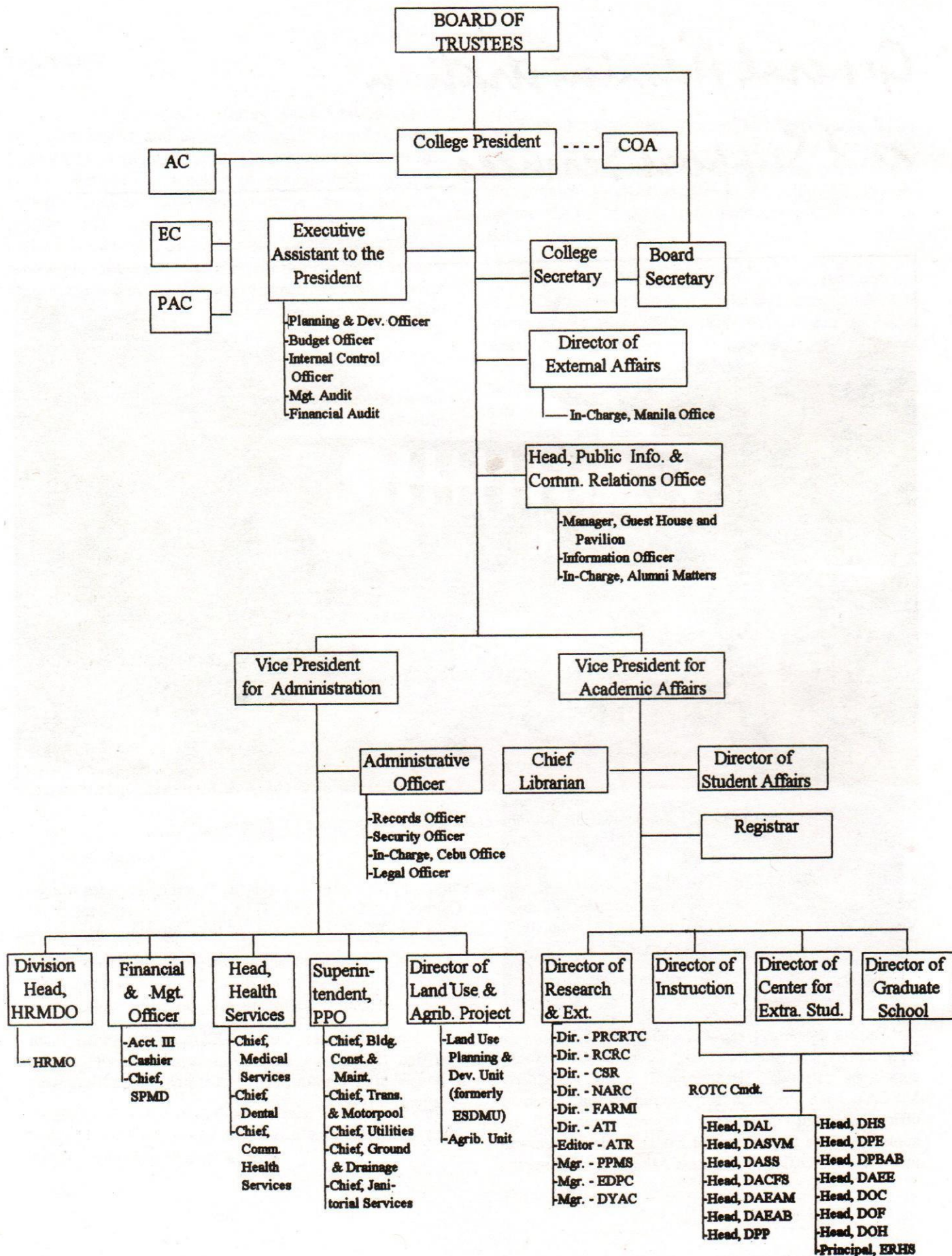


Figure 7. VISCA's Revised Organizational Chart, CY 1993.

Upgraded offices included the following:

1. Infirmary to Health Services
2. IGPO to Land Use and Agribusiness Project
3. Planning Office to Management Office
4. Budget to Financial Management Office

The Security and Legal Offices were transferred from the Office of the President to the Office of the Vice President for Administration.

During the year, various staff were designated to different offices:

A. Academic Departments/Research Centers:

1. Dr. Antonia Cecilia Y. Sandoval - OIC, Department of Agricultural Education and Extension
2. Dr. Rogelio A. Jaime - OIC, Agricultural Technology Education Program (ATEP) Coordinator
3. Prof. Norberto F. Canada - OIC, Department of Arts and Letters
4. Dr. Rebecca M. Santiago - OIC, Regional Coconut Research Center

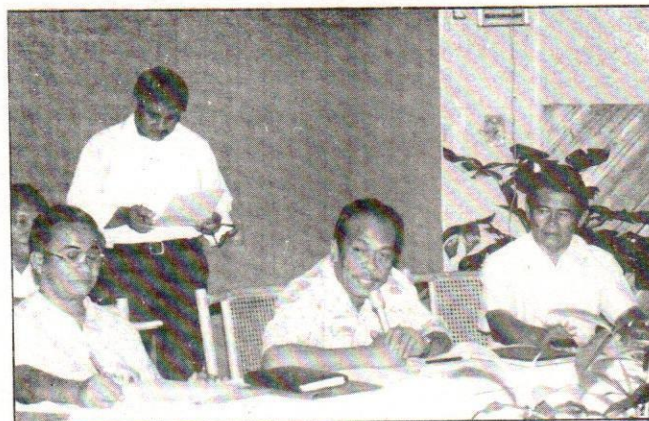
B. Administrative Offices/Units:

1. Dr. Alicia S. Go - OIC, Public Information and Community Relations Office
2. Dr. Nerelito P. Pascual - OIC, Vice Pres. for Administration and Chairman of the Committee on Housing
3. Dr. Vicente A. Quiton - Vice Pres. for Academic Affairs
4. Dr. Justiniano L. Seroy - OIC, Director of Instruction
5. Dr. Vita S. Polo - OIC Head, Human Resource Management and Development Office
6. Mrs. Linda K. Miranda - OIC, VISCA Library
7. Prof. Prudencio Q. Marquez - Acting Director, Land Use and Agribusiness Project Office

8. Prof. Ildefonso C. Taganas - Acting Head, Agribusiness Project
9. Engr. Nestor M. Israel - Officer-In-Charge, Physical Plant Office
10. Engr. Apolonio M. Encierto - Acting Chief, Utilities Division
11. Engr. Celso F. Gumaod* - Acting Chief, Transportation and Motorpool Division
12. Dr. Isabel P. Bertulfo - OIC, Health Services
13. Ms. Norma V. Cala - CBA Chairman and Additional Administrative Responsibilities Over Accounting, Cash, Supply and Property Management Division
14. Ms. Lourdes B. Cano - PBAC Secretary/Executive Officer
15. Engr. Roque de Pedro, Jr. - PBAC Member
16. Mr. Sergio Abenio - Cash Examiner and Property Inspector, Temporary Internal Control Unit
17. Ms. Jocelyn P. T. Urgello - Acting Project In-Charge, Guest House and Pavilion

For CY 1993, VISCA received various visitors from local, national and international agencies. The Public Information and Community Relations Office warmly welcomed and entertained visitors through campus tour, viewing of exhibits and the VISCA slide story. Likewise, in its role to officially inform the public on the developments of VISCA, it released bimonthly issues of the VISCA Newsletter effective August 1993.

The VISCA Manila Office continued to assist the administration in strengthening local and international linkages to get more materials and financial support for projects undertaken by the College. The new VISCA administration established linkage with the Office of the Presidential Assistant on Poverty Alleviation (OPAPA) and actively participated in its activities. VISCA served as head of the Technical Working Group and Co-chairman of the Secretariat during the First National Congress of People's Organizations held in October 1993 at the Ecotech Center, Lahug, Cebu City. It also assisted the OPAPA during pre-congresses.



Presidential Assistant Mike Maquiso speaks before SUC Visayas Presidents in a Pre-Congress activity at the CSR Audio-Visual Room.

Planning and Development

VISCA's university proposal earned support from legislators. House Bill no. 10909 converting VISCA into the Visayas State University of Agriculture (VISUA) was filed in Congress by Congressman Eriberto V. Loreto during its second regular session in September 1993. Other proponents of the bill were Congressmen Cirilo Roy Montejo, Roger Mercado, Alberto Veloso, Sergio Antonio Apostol, Carmelo Locsin and Salvador Escudero III.

VISCA accomplished the documents needed by the Accrediting Agency of Chartered Colleges and Universities in the Philippines (AACUP) of the Philippine Association of State Colleges and Universities (PASUC) which conducted a preliminary evaluation of the College on February 22-25, 1993. For accreditation were the academic programs in agriculture both in the graduate and undergraduate levels.

The Planning and Development Office provided the documents requested by the Senate, Department of Budget and Management (DBM), Philippine Association of State Colleges and Universities (PASUC), National Economic and Development Authority (NEDA), Bureau of Higher Education (BHE) of the Department of Education, Culture and Sports (DECS), National Inter-University Forum on Education (NIUFE), IDRC Library, Rutgers, Technical Panel for Agricultural Education (TPAE), and other agencies. It also prepared the following publications: the 1992 Annual Report, 1994 Annual Development Plan, 1993 Faculty and Student Profiles. The 1993 Facts and Figures was also updated.

In 1993, VISCA was designated regional convenor for the NIUFE member-schools in Region 8. Thus, the Planning Office prepared and sent out survey forms for member-schools in the region. The Office also assisted in the pre-congress and the First National Congress of People's Organizations for Poverty Alleviation.

Physical Facilities Development

The Office of the Vice President for Administration provides overall supervision and coordination of all activities related to physical facilities maintenance and development, inventory and custody of college properties, procurement of supplies and materials, accounting of college funds and properties, collection and disbursement of funds, personnel management, health services, income generation, record keeping and other allied administrative services.

Several physical developments were accomplished during the year such as the construction and completion of ongoing projects which included the following:

- A. Completed projects by private contractors:
 1. VISCA Girls Dormitory (Phase I)
 2. Instructional Media Development Center Building
 3. Food Technology Building



The newly completed VISCA Girls Dormitory (Phase I).



Food Technology Building

B. Completed projects undertaken by the administration:

1. Repair of the following cottages: Colis, Lañada, Escasinas, Pardales, Villamayor, Sales, Palomar and President's cottage.
2. Repair of the VISCA Pavilion and Guest House, Apartment No. 1 to 20.
3. Renovation of the Security quarter.
4. Inclosure of Dr. Go's Cottage.
5. Repair and Improvement of VISCA Manila Office and DASVM Animal Shed
6. Demolition of Lago-lago Spillway

C. On-going Projects undertaken by Private Contractors:

1. Completion of VISCA Gymnatorium
2. Repair of 3-units Green houses
3. Construction of GTZ Marine Laboratory Building (Phase I)
4. Construction of GTZ 2nd half Duplex House (Phase I)

Minor physical repairs, major motor vehicle repairs and job requests were also undertaken by the Physical Plant Office. Construction of drainage canals and cementing of the road from the ATI to the guest house and the pavilion were done. In addition, the Office maintained the electrical lines and transformers on campus. It also installed one unit fire hydrant in front of the Warner Apartment.

Campus beautification was improved by the Grounds and Drainage Division through landscaping and improvement of the social plaza. In addition, ornamentals were also planted.



The "Social Plaza," an added campus attraction.

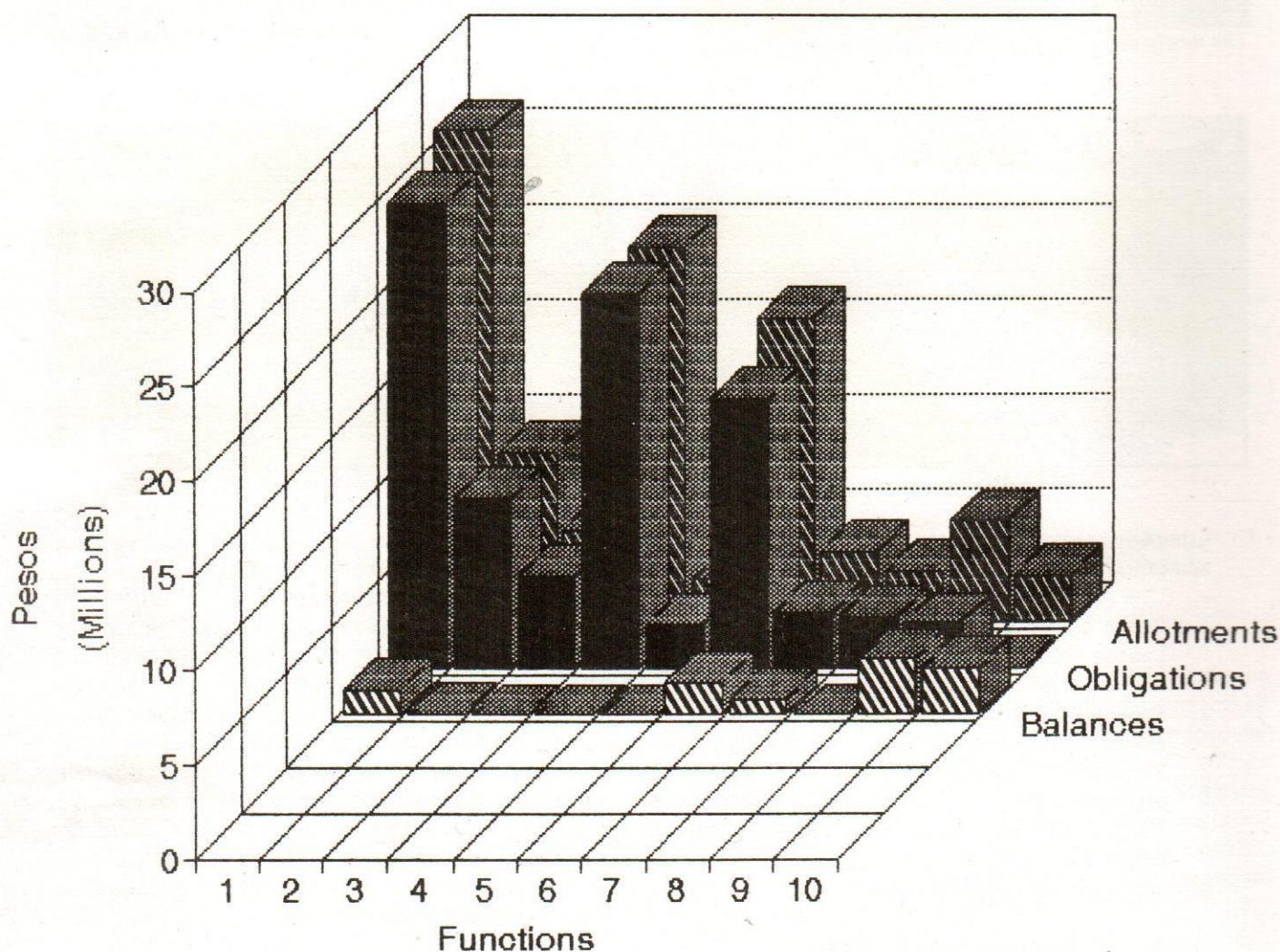
The improvement of the Graduate School Reading Room at the VISCA Library was 90 percent complete. The Instructional Media Development Center (IMDC), was established under the Agricultural Technology Education Project (ATEP). The Center will house and maintain the equipment acquired from ATEP through the Educational Project Implementing Task Force (EDPITAF). The Internal Control Unit of the Administration conducted a physical inventory of semi-expendable supplies and materials, equipment and properties of the Departments of Plant Breeding, Animal Science and Veterinary Medicine and Agronomy and Soil Science in coordination with the representative from the SPMD-Property Section.

Financial Resources

VISCA suffered a budgetary deficiency during the year which prompted service breaks among casual employees starting in April until the end of the year. Thus, personnel whose salaries came from Personal Services rendered 12 days service break while those charged to the Maintenance and Other Operating Expenses had 21 days service break.

The Financial and Management Office prepared the necessary documents for budget hearings and assisted the VISCA President in making representation to the Department of Budget and Management for VISCA's budgetary allocation.

For CY 1993, VISCA received a total allotment of P 92,220,245.00 with a total obligation of P83,060,658.22. From the over-all allotment, 29.33 percent went to instruction, 17.39 percent to research and 4.08 percent to extension (Table 16). The comparative data of VISCA's allotment for CY 1992 and 1993 indicates an increase of 7.35 percent over the previous year's allotment (Table 16).



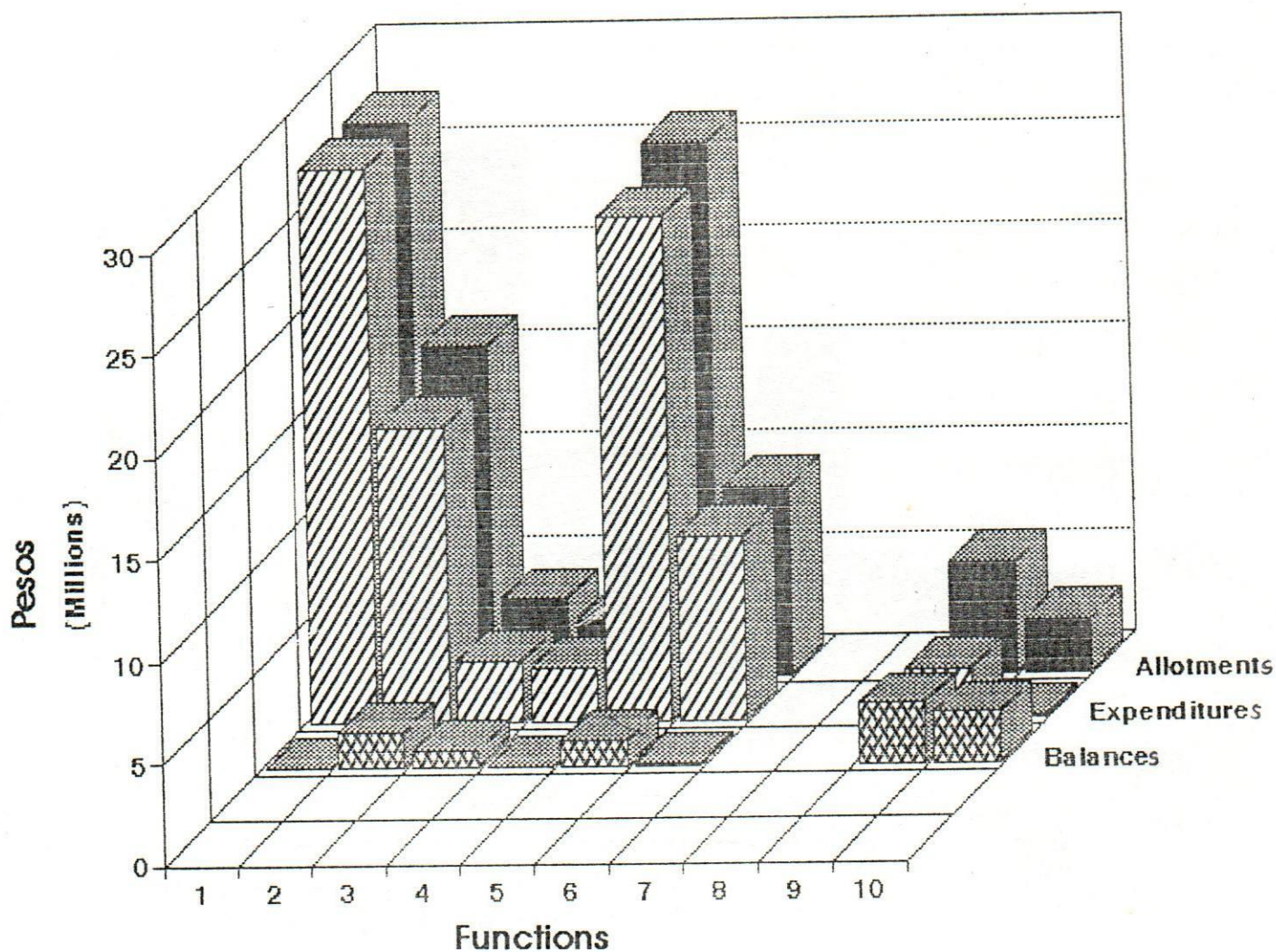
Legend:

- | | |
|----------------------------------|--------------------------------|
| 1 - Instruction | 6 - Adm. of Personnel Benefits |
| 2 - Research Services | 7 - Customs Duties |
| 3 - Extension Services | 8 - Locally Funded Projects |
| 4 - Auxiliary Services | 9 - Equipment/Capital Outlay |
| 5 - Gen. Adm. & Support Services | 10 - Foreign Assisted Projects |

Figure 8. Comparative data of VISCA's allotments, expenditures and balances for CY 1992 and CY 1993.

The Financial and Management Office prepared the necessary documents for budget hearings and assisted the VISCA President in making representation to the Department of Budget and Management for VISCA's budgetary allocation.

For CY 1993, VISCA received a total allotment of P 92,220,245.00 with a total obligation of P83,060,658.22. From the over-all allotment, 29.33 percent went to instruction, 17.39 percent to research and 4.08 percent to extension (Table 16). The comparative data of VISCA's allotment for CY 1992 and 1993 indicates an increase of 7.35 percent over the previous year's allotment (Table 16).



Legend:

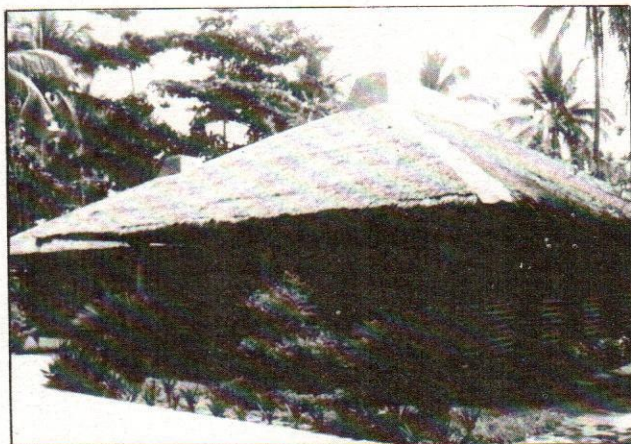
- | | |
|----------------------------------|--------------------------------|
| 1 - Instruction | 6 - Adm. of Personnel Benefits |
| 2 - Research Services | 7 - Customs Duties |
| 3 - Extension Services | 8 - Locally Funded Projects |
| 4 - Auxiliary Services | 9 - Equipment/Capital Outlay |
| 5 - Gen. Adm. & Support Services | 10 - Foreign Assisted Projects |

Figure 8. VISCA's Allotments, Expenditures and Balances, CY 1993.

Table 16. Comparative Data of VISCA's Allotment, Expenditures and Balances for CY 1992 and 1993.

Function	Allotment		Expenditure		Balance	
	1992	1993	1992	1993	1992	1993
A. Instruction Services						
1. Advanced Education	3,969,000.00	4,946,984.00	3,969,000.00	4,946,984.00	0.00	0.00
2. Higher Education	17,890,000.00	19,767,441.00	17,890,000.00	19,767,441.00	0.00	0.00
3. Secondary Education	2,314,000.00	2,338,000.00	2,314,000.00	2,338,000.00	0.00	0.00
B. Research Services	16,524,000.00	16,041,000.00	14,393,935.37	14,289,061.24	2,130,064.63	1,751,938.76
C. Extension Services	3,464,000.00	3,762,000.00	2,659,118.94	3,007,954.18	804,881.06	754,045.82
D. Auxiliary Services	2,664,000.00	2,667,000.00	2,664,000.00	2,667,000.00	0.00	
E. Gen. Adm. & Support Services	16,580,287.00	25,865,820.00	16,580,287.00	24,587,863.34	0.00	1,277,956.66
F. Adm. of Personnel Benefits	11,385,777.00	8,991,000.00	11,385,777.00	8,968,000.00	0.00	23,000.00
G. Custom Duties	33,636.00	-	33,636.00			
H. Locally Funded Projects for Construction, Rehabilitation or Renovation of Buildings and Structures	5,662,000.00	-	1,013,972.28		4,648,027.72	
I. Equipment/Capital Outlay	255,000.00	5,331,000.00	252,525.00	2,421,383.61	2,475.00	2,909,616.39
J. Foreign Assisted Projects	4,697,000.00	2,510,000.00		66,970.85	4,697,000.00	2,443,029.15
Total	85,438,700.00	92,220,245.00	73,156,251.59	83,060,658.22	12,282,448.41	9,159,586.78

The VISCA Guest House which is under the direct supervision of the Office of the President is a service facility of the college which caters to the lodging and food needs of college guests and visitors from both local and international agencies. It received 447 college guests and visitors including 35 foreign guests from foreign universities and agencies. Its total income amounted to P6,320.00. Likewise, the VISCA Pavilion under the management of the VISCA Guest House which provided food services to the VISCA Community, generated an income of P369,365.05. Its operation was evaluated to determine whether the procedure of handling cash is in accordance with existing laws, rules and regulations. The books of accounts of the Cash and Accounting Divisions were examined and cash examination was also conducted by the Internal Control Unit of VISCA.



The VISCA Guest House situated along the beach.

The Cebu Office maintained VISCA's easy access to suppliers for end-user's demands. It also opened new credit lines and strengthened linkages with government and private agencies.

The Records Division improved its system of record keeping. The air-conditioned storage room greatly helped in shelving for easy retrieval of important College documents. The Office facilitated the messengerial and mailing jobs of the College.

Land Utilization and Income Generating Projects

The Land Use and Agribusiness Project Unit (LUAPU) was officially organized and became operational on August 25, 1993 under the new administration. This unit actually combines the two existing units of the Experiment Station Development

and Management Unit (ESDMU) and the Agribusiness Project Unit (formerly the Income Generating Project Office - IGPO).

LUAPU functions to coordinate and supervise the operations and management of the two units under it to attain maximum accomplishments.

Significant accomplishments made during the year included the following: increase in the annual income of income generating projects in the amount of P 1,198,844 compared to the previous year's income of P975,852.46. Another noteworthy accomplishment was the ridding of illegal business on campus which helped protect the interest of legal businesses in the VISCA market. It also prepared a proposal on land zoning and land area assignment for systematic land utilization and updated the land use map for research, instruction, extension and production programs. The College president approved its proposal for the restructuring and renovation of the COCOFED cafeteria into a fast-food center.

During the year, the number and income of Agribusiness projects, increased as well as the collection of market revenues. The Office also finalized the installation of EVTELCO Long-Distance telephone system.

Health Services

VISCA's health services continued its information dissemination on topics that improve and promote community health through individual advising of patients in the clinic. Adequate preventive measures have been adopted, like environmental sanitation and immunization to prevent the occurrence and spread of communicable diseases. During the year, the Department of Health, Bureau of Licensing and Regulation stopped the VISCA Infirmary from admitting patients for deliveries due to lack of facilities.



VISCA Infirmary

New Acquisitions, Grants and Donations Received

For CY 1993 several departments and research centers of ViSCA received various forms of donations to support their instruction, research and extension activities (Table 17).

Table 17. List of departments/centers as recipients of various donations for CY 1993.

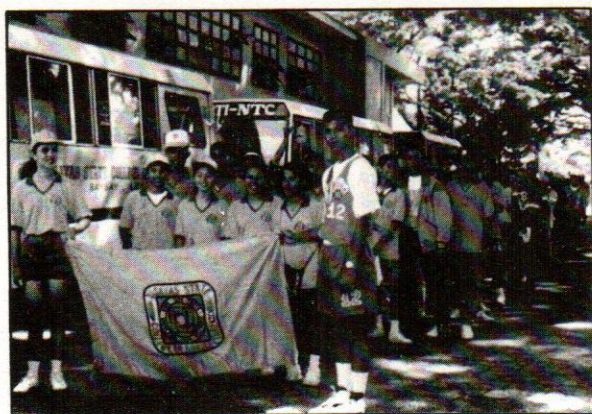
Department/ Research Center	Equipment Acquired/ Donations Received	Donor Agency/ Funding Source
DPBAB	1) 1 unit - microwave oven 2) New sound system 3) Preparation room for herbarium 4) Set of "Flora Malaysiana" in the herbarium	IRRI DPBAB GTZ GTZ
DPP	1) Laminar flow hood 2) Moisture tester 3) Set of soil sieves	GTZ IRRI
DASS	1) Nikkon stereoscope 2) Mettler balance	ACIAR ACIAR
DACFS	1) Flaking machines for Pilot Plant 2) Overhead projector screen 3) pH meters (2)	
DevComm	1) New books, magazines, newsletters and other publications	
Library	1) 37 materials 2) P1 million 3) Other library materials	FAO ViSCA-GTZ ACPAD, Albert R. Mam Library, ACIAR DILG, DENR, PCARRD, IRRI
CSR	1) 19 books and 1 newsletter	
FARMI	1) 5 Journals 2) 3 Paper Series 3) 2 Literature Review/Abstracts of Literature 4) Basic set of IRRI Books and Materials	

Table 17. Continued

Department/ Research Center	Equipment Acquired/ Donations Received	Donor Agency/ Funding Source
	5) Brand new Honda Motorcycle XL 125	CHIFAD Cornell
	6) Second hand Yamaha Motorcycle DT 100	IRRI
	7) Honda XL 125	IRRI
	8) Second hand four wheel drive pick-up	IRRI
	9) 2 Computer printers (Epson LX-800)	
	10) Aircon (Carrier)	
	11) Research Grants:	
	P 772,796.71	ADB/IRRI
	P 226,000.00	IDRC
	P 116,050.00	CHIFAD, Cornell
ERHS	14 various items:	FFP & FAHP
	1 unit OPTRON KARAOKE PRO-750	
	1 set 4-in-1 Concorde Tape	
	1 pc. Battery, 12 plates	
	1 unit La Germania Gas Range	
	Model M-521 WP2	
	3 units Northern Hill electric stoves	
	4 units 3D ceiling fans 16"	
	1 unit Hitachi wall fan 16"	
	1 unit Hitachi ceiling fan 16"	
	1 unit Technogas, Model 4003	

Miscellaneous

- * VISCA was identified as the Carabao Breeding Center for Region 8 in pursuance to Republic Act No. 7307, known as the Philippine Carabao Act of 1992.
- * Responding to requests, the VISCA Foundation for Agricultural and Rural Development, Inc. (VIFARD) provided motorcycle loan program to VISCA's permanent employees. It also installed a cable television network on campus.
- * VISCA got the highest points in the 9th Regional SCUAA Meet among ten (10) participating state colleges and universities in the region.
- * VISCA's first year student, Miss Arlene Aparis was crowned Miss SCUAA 1993 and first runner-up in the Miss EVRAA 1993 beauty pageant.

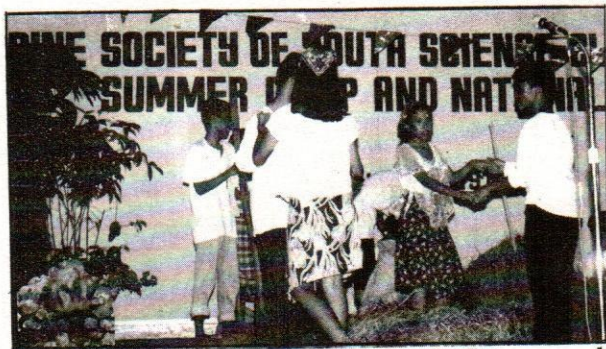


VISCA athletes getting ready for the parade with Miss SCUAA '93, Miss Arlene Aparis holding the banner.

- * The Department of Arts and Letters and the Office of the Director of Instruction sponsored a seminar-workshop dubbed "Methods and Approaches of Teaching Filipino: Revisited" on January 28-29, 1993 at the VISCA-based Agricultural Training Institute-National Training Center (ATI-NTC). The workshop intended to uplift teachers' capabilities in teaching Filipino.

- * Heads and representatives of VISCA's academic departments and research centers attended the seminar-workshop on the new Performance Evaluation System for Academic Staff (PESAS) on February 2, 1993 at the PRCRTC Training Hall. This performance evaluation system was based on Executive Order No. 292 and Civil Service Memorandum Circular No. 2, series of 1978 as amended by Memorandum Circular 12, Series of 1989.
- * The collaborators of the program on Conservation Farming in the Tropical Uplands (CFTU) conducted a workshop on February 11-15, 1993 at the Farm and Resource Management Institute (FARMI) to discuss research agenda for the year. The collaborating institutions included the following: International Rice Research Institute (IRRI), Mag-Ugmad Foundation, Inc. (MFI), Department of Agriculture (DA) Region 8, International Institute for Rural Reconstruction (IIRR), World Neighbors (WN), Department of Environment and Natural Resources (DENR) Region 8, Visayas State College of Agriculture (VISCA) and Cornell University (CU). The program's focus site for research was in Matalom, Leyte with VISCA through FARMI as the clearing house for Matalom-based activities.
- * The National Police Commission (NAPOLCOM), Region 8 in cooperation with VISCA's Office of Student Affairs sponsored a seminar-workshop on crime prevention and drug abuse on February 18, 1993.
- * VISCA ROTC Unit represented Region 8 in the nationwide search for the "Best ROTC Unit of the Year." The unit was evaluated by the National Tactical Inspection Team headed by Col. Conrado G. Anatalio, Quarter Master Service and General Staff Corps of the Philippine Army on February 20, 1993 at the VISCA Parade Ground.

- * Col. Plaridel Obrique, Commanding Officer of the 8th Regional Community Defense Unit in Camp Downes, Ormoc City reappointed Capt. Mario J. Abuyabor as commandant of the VISCA ROTC Unit for school year 1993-1994.
- * The Accrediting Agency of Chartered Colleges and Universities in the Philippines (AACCUP) of the Philippine Association of State Universities and Colleges (PASUC) conducted a preliminary evaluation of VISCA's academic programs in agriculture, both in the undergraduate and graduate levels on February 22-25, 1993. AACCUP executive director Florentina L. Gorospe of the Polytechnic University of the Philippines (PUP) headed the team.
- * The planning workshop on "Tree Establishment Technologies in the Philippines" funded by the Australian Center for International Agricultural Research (ACIAR) was held at the Department of Agronomy and Soil Science of VISCA on March 23-25, 1993. Twenty-one researchers from the University of Queensland, University of the Philippines at Los Baños, Laguna, Department of Environment and Natural Resources Regions 7 and 8, Alcantara and Sons, Bukidnon Forest, Inc. and VISCA participated in the workshop.
- * VISCA played host to the 1993 National Youth Science and Technology Summer Camp and the 22nd Philippine Society of Youth Science Clubs National Convention and Leadership Training Seminar-Workshop on April 12-19, 1993. The Philippine Society of Youth Science Clubs (PSYSC) in coordination with the Department of Education, Culture and Sports and the Department of Science and Technology sponsored the activity.



Delegates of the National Youth Science and Technology Summer Camp in a dance number presentation.

- * Secretary Angel Alcala of the Department of Environment and Natural Resources (DENR) keynoted VISCA's 69th year anniversary as an agricultural institution on July 30-31, 1993. Anniversary activities included farmer's field day, flower and garden show, rodeo, convocation and the Search for "Miss VISCA 1993."
- * Miss Dulce Corazon Torralba Development Communication freshman, representing the Department of Plant Protection, was crowned as "Miss VISCA 1993" in a pageant participated in by eight contestants.



Miss VISCA 1993 and her court.

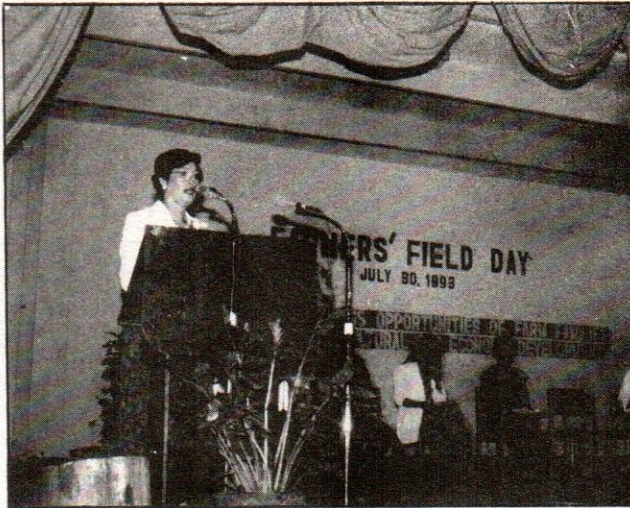
- * The First Rondalla/Cumparza Open Competition organized by the Center for Social Research provided another highlight of the VISCA Anniversary.
- * The Department of Education, Culture and Sports of Region 8 and VISCA's Department of Physical Education jointly sponsored the "Regional Seminar-Workshop on Educational Gymnastics" at the VISCA gymnasium on September 16-18, 1993. Seventeen PE teachers and sports supervisors in the region participated in the Seminar-Workshop.
- * The VISCA ROTC Unit sponsored a seminar on Drug Abuse Prevention and Law Enforcement and Traffic Management on November 6, 1993 at the VISCA Social Hall.
- * VISCA Radio DYAC's Happy Kiddie Goddie Program celebrated its first anniversary on November 27, 1993 at the VISCA Social Hall with the theme, "Enhancing the Talents of the Youth for Better Tomorrow." Elementary and high school students from different schools of Baybay attended the affair.

- * The VISCA Environmental Awareness Movement under the leadership of Dr. Paciencia P. Milan initiated a series of activities in its month-long 4th anniversary celebration. Activities included tree planting, postcard-making, environmental awareness quiz, plastic disposal campaign, extemporaneous speaking and environmental song contests. VEAM and Ecowarden members went on a field trip to Sohoton cave in Basey, Samar.
- * VISCA organized the First Eastern Visayas Regional Food Trade Fair 1993 through the Philippine Association of Food Technologists, Leyte Chapter at the Baybay Gymnasium on November 25-28, 1993. Thirty-one food companies and small cottage industries in Region 8 participated in the Fair. The theme of the affair was "Accelerating Food Entrepreneurship for Philippines 2000." Co-sponsors of the affair included the PRCRTC, Department of Trade and Industry, Coca-Cola Bottlers Philippines, Inc. and the Baybay Municipal Government.
- * The Forestry Student Society conducted the Paligsahan sa Gubat (Forestry Contest) on November 26-27, 1993 with the theme "The Vital Role of Forests in Relation to Environmental Conservation, Protection and Rehabilitation."
- * The Philippine Association for Teacher Education sponsored a seminar-workshop at VISCA on December 4, 1993 drew participation from different teacher-training institutions in Leyte.
- * Speaker Jose de Venecia, Justice Franklin Drilon and Party visited VISCA on December 5, 1993 after the EVRAA Meet. The Speaker pledged support for VISCA's conversion into a university.

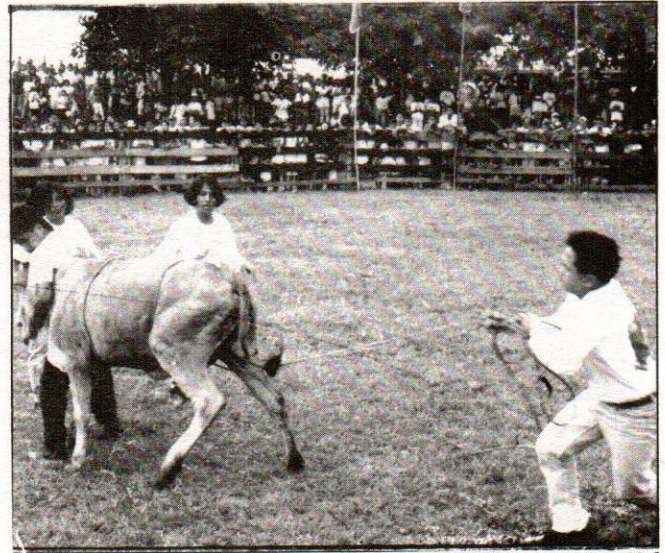


Speaker de Venecia commits himself to help convert VISCA into a University.

SOME SIGNIFICANT ACTIVITIES OF THE YEAR...



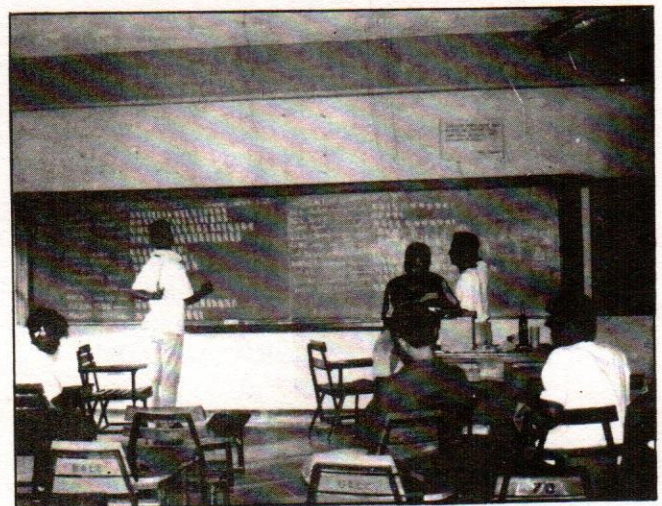
Mayor Carmen L. Cari of Baybay, speaks during the Farmers' Field Day Celebration.



Rodeo, an exciting event to watch during the 69th Anniversary of the College.

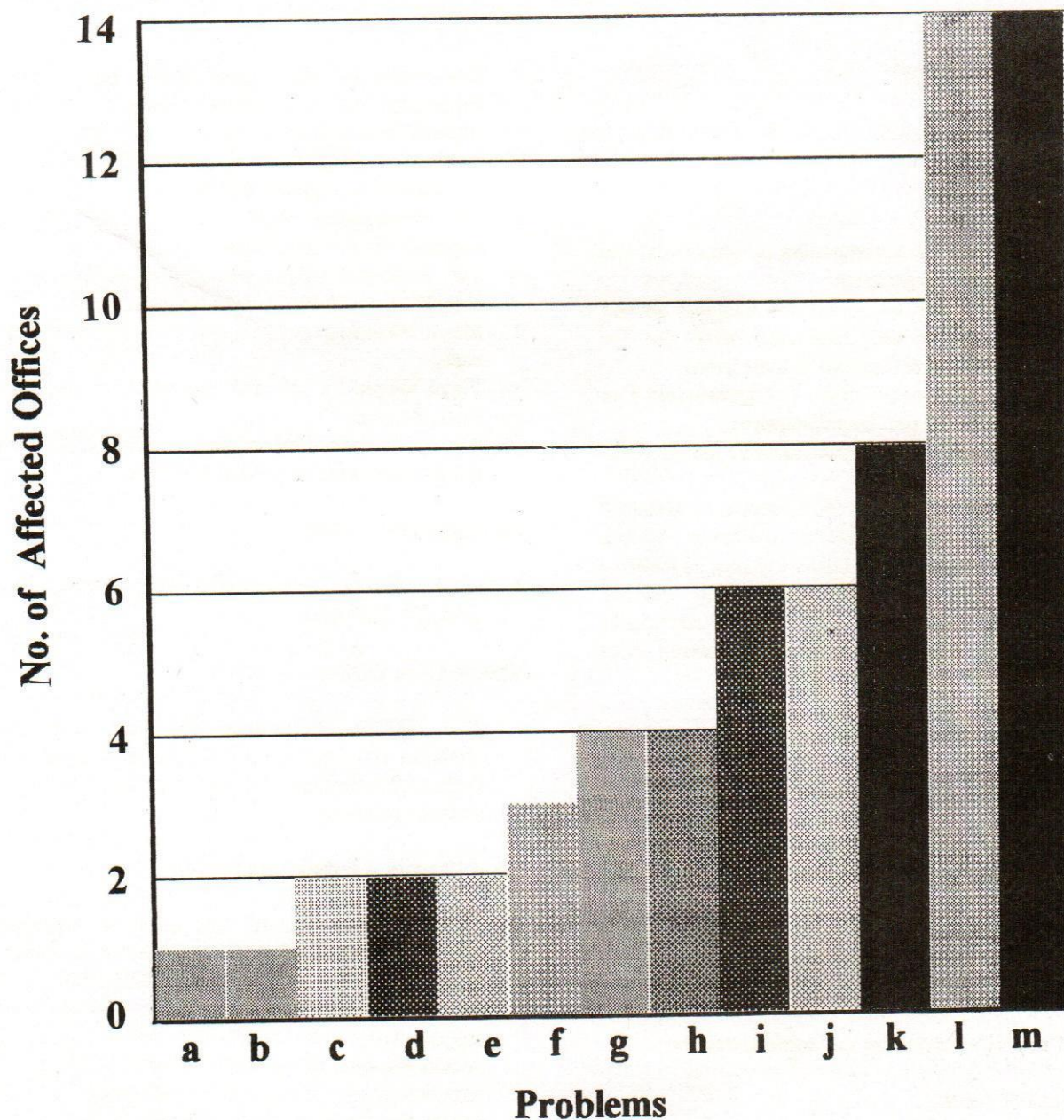


Inter-Dorm Sportsfest



College Supreme Student Council election

Problems Needing Solutions _____



Legend:

- a - Presence of kaingineros
- b - Stealing of VISCA products
- c - Low electric power supply
- d - Delayed fund transfer & payments of accounts
- e - Lack of student dormitories
- f - Lack of tenure for personnel

- g - Lack of laboratory equipment, etc.
- h - Delay in the procurement of supplies
- i - Lack of funds for staff development
- j - Lack of computer units and printers
- k - Lack of funds for repairs and maintenance
- l - Lack of manpower resource
- m - Insufficient budget

Figure 9. Problems needing solutions.

Recommendations

ADMINISTRATION:

Office of the President:

VISCA Manila Office:

1. Requests should be accompanied by transmittal and necessary supporting papers.
2. Staff travelling abroad on official business should be advised to see the Personnel Office for the complete documents required in their travel.
3. One SSB ICOM radio and a bigger/better Fax machine should be purchased/acquired.
4. At least one more tenured personnel be assigned to VMO.
5. Restoration of RATA for the Director of External Affairs and Executive Officer-In-Charge, Manila Office as an exception to DBM Circular as justified by the unique responsibilities which include representing the college President in conference with agency heads and attending meeting with foreign visitors and research donors.

Planning and Development Office:

1. Allocate funds for the purchase of fast-speed printer.
2. Allocate funds for the attendance of staff in trainings and seminars related to planning and management functions.
3. To strengthen the Office, additional regular plantilla position is needed in addition to its existing 2 plantilla items (Illustrator and EPS).

Office of the Vice President for Administration:

Accounting Division:

1. Purchase new computer unit to expedite preparation of reports.
2. Send more Accounting Staff to trainings, conferences and seminars or further studies.
3. Absolute elimination of prepayments and the Cash Division should allot one hour every working day to prepare liquidation reports.

4. Conversion of the former IGPO office into a stockroom to accommodate financial documents from the past to current years.
5. Conduct seminar on withholding tax for compensation, caterers and Value Added Tax.
6. The management should not allow multiple trust accounts for the departments.
7. The Personnel Office should prepare the list of personnel entitled to receive benefits.
8. Minimize emergency purchase on reimbursement basis.
9. There should be selective approval for request of cash advance.
10. Refrain or limit the borrowing of funds from trust liability accounts to personal services.

Internal Control Unit:

1. Funds should be provided for trainings and seminar-workshops.

VISCA Cebu Office:

1. That SPMD, Accounting Division, and Cash Division as well as the Financial Management Officer give preferential attention to payment of overdue accounts.

Land Use and Agribusiness Project:

1. Budget Office should set aside a budgetary allocation of the unit for 1994 based on its request.
2. SPMD needs to update/upgrade its procedures/strategies in procuring spare parts and supplies requested thru this office for early arrival and release to requesting party.
3. Administration should give clearance to units requesting for additional manpower.
4. Solicit COA's strong support and cooperation in the implementation of memoranda issued by the College President.
5. Program the filling-up of the depressed areas in the market and the relocation of the comfort room in the 1994 Development Plan.

Health Services:

1. Hire a pharmacist on casual basis to make the pharmacy operational and make the drugs available to patients.
2. Send Dr. Carmiano M. Miranda II for a training on Laboratory Management at the Don Vicente Sotto Memorial Hospital in Cebu City to qualify him to head the laboratory section.
3. Put up a labor and delivery rooms.
4. Establish a system of ambulance services for regular payment.
5. Immediate hiring of a school dentist is needed.

Physical Plant Office:

1. Hire emergency workers.
2. Increase budget allocation.
3. Hire one additional electrical lineman.
4. Provide revolving fund or petty cash for emergency purchases.

Office of the Vice President for Academic Affairs:

Office of the Director of Instruction:

1. One item for Utility/Messenger should be given to ODI.
2. Allow the Office to hire emergency personnel to assist in the survey for VISCA graduates.

Graduate School:

1. Hire additional staff so that all the office targets can be met.

Registrar's Office:

1. Purchase IBM computers to replace the malfunctioned computers of the Registrar's Office.
2. Provide a bigger capacity generator set for the Administration building.
3. Maximize the use of computers in VISCA by the installation of cables to link the computers within the administration building.
4. Repair the malfunctioned lines of electric power to the Administration Building to give enough power to each office.

ACADEMIC DEPARTMENTS:

Department of Agricultural Chemistry and Food Science:

Food Science Section:

1. Increase the budget allocation for chemicals, supplies and for additional procurement.
2. Provide additional items for an instrument maintenance personnel and a janitor.

Department of Agronomy and Soil Science:

1. Continue efforts in getting additional regular items.
2. Strengthen research activities to attract funding agencies to invest in research.

Department of Agricultural Engineering and Applied Mathematics

1. Increase the Department's MOE budget by at least 100 percent in 1994.
2. Allocate some funds for repair and renovation.
3. Add at least six (6) sets of microcomputers for SY 1994- 95.

Department of Plant Breeding and Agricultural Botany:

1. Find ways and means to speed up the process in the procurement of supplies.
2. Pay salaries and wages promptly.
3. Provide flexibility in handling revolving funds.

Department of Horticulture:

1. Continue the implementation of fruit tree and pomology projects.
2. Put up an exhibit board to showcase the project activities and relevant accomplishments.

Department of Animal Science and Veterinary Medicine:

1. Allocate amount from equipment outlay of the College for the purchase of needed equipment.
2. Allocate to DASVM some vacant items available in other departments to accommodate its expanding curricular program.

3. Allocate some amount from the Repair/Maintenance fund of the College for the following:

- a. Repair of window panes at the main and auxiliary buildings, and wall screens of poultry/duck houses.

- b. Repair of ranch cottage.

- c. Repair of boundary fence lines.

4. Allocate amount for:

- a. Complete the auxiliary building (drainage and water systems, slaughter room, scalding vat, etc.).

- b. Improve the pasture area (clearing of weeds and planting of improved grasses/legumes).

- c. Purchase new stock of animals such as: boars, rams, bulls and bucks.

Department of Development Communication:

1. Increase the number of faculty to at least two.
2. Set aside funds for the acquisition of classroom physical facilities.
3. Increase DDC's budget commensurate to the number of programs it is offering.
4. Allot funds for buying instructional materials and equipment.

Department of Forestry:

1. Give the Department at least 2 regular items.
2. Allocate funds for attendance in trainings, workshop and seminars.
3. Allow the Department to hire a short-term consultant.
4. Provide the necessary equipment/instruments for academic activities.
5. Provide budget to procure communication equipment.
6. Allocate through ODTREX some amount for the development and maintenance of the Agroforestry Demo Farm Project.
7. Give one item for a clerk and 3 forest guards for the efficient management of forest reservation.
8. Give priority to the completion of the new building and provide its physical facilities.
9. Repair existing buildings of the department.
10. Repair drainage facilities in the department compound.

11. Return revolved funds to their respective units.
12. Establish clear-cut policies regarding kaingineros.

Experimental Rural High School:

1. Procure a new model IBM computer set.
2. Allocate some funds for the hiring of emergency laborers.

RESEARCH AND TRAINING CENTERS/SUPPORT SERVICES:

Office of the Director of Research and Extension:

1. Provide additional funds to support the production of training modules and techno-products for exhibits outside VISCA in both regional and national participation.
2. Add funds to support R and D publications both for referred journals and for farmers' and technicians' use.
3. Allocate a special fund for the attendance/participation of VISCA R and D staff to regional/national/international seminar, conferences, conventions and symposia.

Center for Social Research:

1. Provide the Center with its own research funds.
2. Allocate funds for repair and maintenance of vehicles.

Farm and Resource Management Institute:

1. Provide resources for the continuous learning of research and development approaches friendly to the fragile upland environment.
2. Link with other research and development institutions here and abroad to enhance the possibly to get funding support and exchange relevant learning experiences.
3. Encourage extension agencies in Eastern Visayas to learn the technologies adapted under Matalom conditions for dissemination to interested farmers.

Radio Station DYAC:

1. Hire additional staff for the programming production.
2. Purchase a replacement equipment for limiter and modulation monitor.

3. Send technical staff to trainings and purchase some necessary testing equipment.
4. Purchase the most important equipment needed both in studio and transmitter site.

Printing Press:

1. Hire emergency laborer and student to work 10 days/month.
2. Appoint a regular utilityman.
3. Offer an incentive scheme as staff incentive for increased productivity.
4. Set aside a budget of more than one million pesos.

AUXILIARY SERVICES:

Library:

1. Set aside adequate funds for the overall improvement of library facilities.

Office of Student Affairs:

1. Student Welfare Services:
 - a. Appropriate funds to refurbish the recreational facilities be allotted in the amount of P 23,500.00 for the following:

billiard lining of 4 tables -	P 12,000.00
4 sets of bowling pins -	4,000.00
billiard balls (3 sets) -	7,500.00

	P 23,500.00
 - b. Construct at least 2 concrete bulletin boards in strategic areas accessible to students.
 - c. Sponsor a program to eliminate termites in all buildings including the dormitories.
 - d. Repair dormitories using cement instead of lumber if applicable, as a termite resistant material.
 - e. Appoint two carpenters on regular basis under the supervision/funding of student housing.
 - f. Employ a legal officer with whom OSA can work closely on student discipline.

- g. Construct a functional student lounge to assist commuting students like providing them individual lockers for rent, space to rest during noon breaks.

2. Guidance Program

- a. Subsidize the acquisition of up-dated and validated psychological test materials and steel cabinets to keep them safely and other related equipment like stopwatch.
- b. Recruit a new batch of peer facilitators to be given recognition for their assistance.
- c. Return the information drive program and scholarship to OSA for continuity of the career guidance program from recruitment to placement.
- d. Assign an Admission Officer in the guidance office.
- e. Strengthen OSA linkages with government and non-government agencies for student scholarship assistance and employment.

Directory of VISCA Officials _____

BOARD OF TRUSTEES

HON. ARMAND V. FABELLA

Secretary

*Department of Education, Culture and Sports
Board Chairman*

Represented by:

HON. MARCIAL A. SALVATIERRA

Assistant Secretary

*Department of Education, Culture and Sports
Board Presiding Officer*

HON. SAMUEL S. GO

President

*Visayas State College of Agriculture
Board Vice-Chairman*

HON. BUENAVENTURA C. GO-SOCO, JR.

Regional Executive Director

*National Economic Development Authority, Region VIII
Board Member*

PROF. SIXTO P. SANDOVAL

Executive Secretary

*Visayas State College of Agriculture
OIC, Board Secretary*

OFFICERS OF THE VISCA ADMINISTRATION

SAMUEL S. GO

President

NERELITO P. PASCUAL

Vice President for Administration

SIXTO P. SANDOVAL

Executive Secretary & OIC, Board Secretary

LEONARDO L. MANALO

Director, External Affairs

ALICE S. GO

*OIC, Public Info. &
Comm. Relations Office*

NORMA V. CALA

Financial & Management Officer

DANIEL M. TUdTUD, JR.

OIC, Planning and Development Office

ROSARIO L. PAULO

Chief Accountant

LINDA N. MARISCAL

College Registrar

ALFREDO C. ARRADAZA, JR.

Supply Officer

SERGIO E. ABIT

OIC, Security Officer

PRUDENCIO Q. MARQUEZ

Director, Land Use & Agribusiness Projects

MAXIMA B. ABOGADIE

Records Officer

VICENTE A. QUITON

Vice President for Academic Affairs

ELISEO R. PONCE

Director, Research & Extension

JUSTINIANO L. SEROY

Director of Instruction

PERLA M. TAN

Director, Student Affairs

VITA S. POLO

*Director, Human Resource
Management & Development Office*

MANUEL K. PALOMAR

Director, Graduate School

WILFREDO V. VALENZONA

*Administrative Officer
(until October, 1993)*

LOURDES V. CANO

OIC, Administrative Officer

LINDA K. MIRANDA

College Librarian

ANECIA C. FERNANDEZ

OIC, Cash Division

ISABEL P. BERTULFO

Chief, Infirmary

NESTOR ISRAEL

Supt., Physical Plant Office

ARNULFO F. GALENZOGA

COA Resident Auditor

DIRECTORS OF RESEARCH AND TRAINING CENTERS/INSTITUTES

ELISEO R. PONCE

Director, Research & Extension

JOSE L. BACUSMO

*Director, Philippine Root Crop
Research & Training Center*

SALVADOR C. DAGOY

Director, Center for Social Research

ANTHONY V. ISRAEL

Center Superintendent, ATI-NTC

REBECCO SANTIAGO

Director, Regional Coconut Research Center

LELITA R. GONZAL

Director, National Abaca Research Center

DOLORES L. ALCOBER

*Director, Farm and Resource
Management Institute*

HEADS OF ACADEMIC DEPARTMENTS

CANDELARIO L. CALIBO

Agricultural Chemistry & Food Science

ANTONIA CECILIA Y. SANDOVAL

Agricultural Education & Extension

ANGELA S. ALMENDRAS-FERRAREN

Agronomy & Soil Science

GREGORIO J. GALINATO, JR.

Agricultural Eng'g. & App. Math.

OSCAR B. POSAS

Animal Science & Veterinary Medicine

RODOLFO G. ESCALADA

Forestry

JOSE M. ALKUINO

Agricultural Economics & Agribusiness

THELMA B. ZAFRA

Physical Education

OTHELLO B. CAPUNO

Plant Breeding & Agricultural Botany

JIMMY R. ROSILLO

Experimental Rural High School

WOLFREDA T. ALESNA

Development Communication

NORBERTO F. CANADA

Arts & Letters

LUCYLEN B. PONCE

Home Science

RUBEN M. GAPASIN

Plant Protection

CASIMIRO D. CARCALLAS

Horticulture

The 1993 VISCA Annual Report is published by the Planning and Development Office in cooperation with the various offices, departments, research and training centers/institutes of the College.

Samuel S. Go
Nerelito P. Pascual
Consultants

Daniel M. Tudit, Jr.
Production Supervisor

Alicia S. Go
Text Editor

Bonita T. Montes
Production Designer and Assoc. Editor

Alexis G. Bertulfo
Layout Artist and Typesetter

Bernadita P. Bibera
Ronilo V. Cano
Regina M. Canono
Facilitators

Photographs supplied by:
PICRO **PRCRTC**
DASVM **OSA**
DAC-FS **FARMI**
Jimmy Tan

Graphs prepared by:
Bonita T. Montes

