

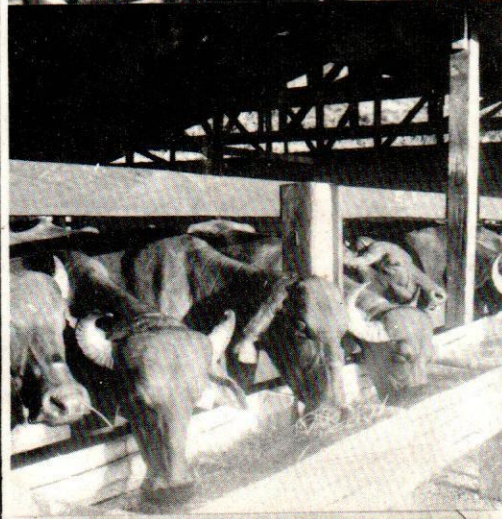
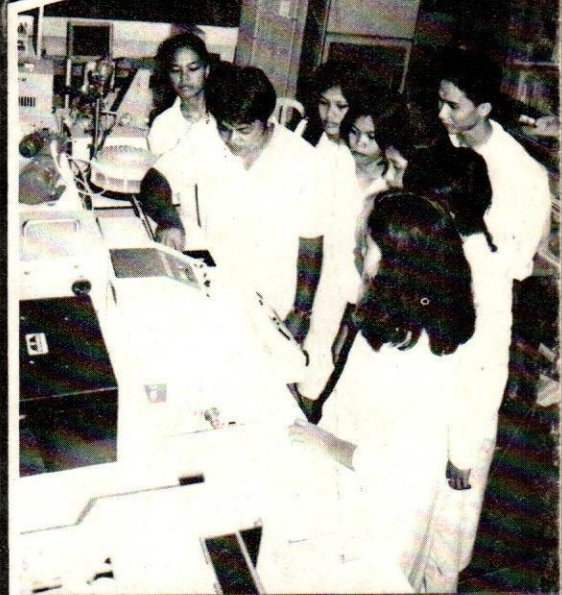
THE  
VISAYAS STATE  
COLLEGE OF AGRICULTURE



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ANNUAL REPORT

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# **ViSCA BOARD OF TRUSTEES**

**Hon. Ricardo T. Gloria**

*Secretary, Department of Education, Culture and Sports  
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*Regional Director, NEDA, Region VIII  
Member*

**Dr. Roberto C. Guarte**

*College Secretary, ViSCA*



## FOREWORD

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*In spite of the continuing financial problem brought about by insufficiency of funds for the salaries of casual and contractual employees, 1996 has been a relatively productive year for the College in terms of ViSCA's achievements in instruction, research, extension, and income generation.*

*The College has continually implemented its physical facilities improvement program as planned along with the strengthening of its administrative and support services during the year. ViSCA continued to attract more students as reflected in the increase in enrolment.*

*In 1996, ViSCA maintained its outstanding rating given by outside evaluators for instructional program accreditation and research consortium and extension program implementation. ViSCA's income generating projects posted increases in income during the year.*

*These achievements could not have been attained without the help of the ViSCA staff and students, the Department of Budget and Management, ViSCA Board of Trustees, and the national and local leaders especially Congressman Eriberto V. Loreto, Congressman Rolando R. Andaya, Speaker Jose de Venecia Jr., and President Fidel V. Ramos.*

  
SAMUEL S. GO  
President



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# HIGHLIGHTS

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In its resolve for academic excellence and the fulfillment of development objectives, ViSCA attained the following major accomplishments:

## Institutional Feat

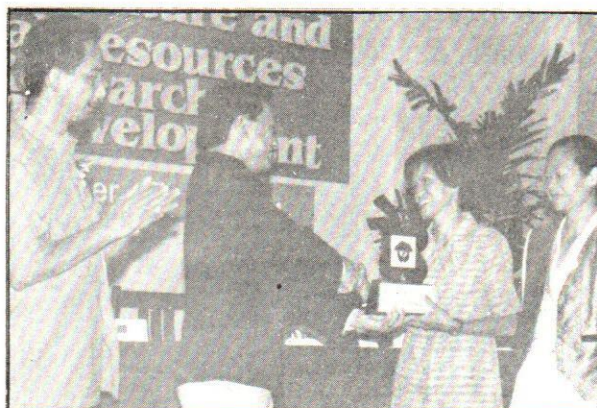
- o ViSCA maintained its Outstanding rating in the Formal Survey conducted by the Accrediting Agency for Chartered Colleges and Universities of the Philippines, Inc. (AACCUP) on March 4-6, 1996.



*AACCUP team leader, Dr. Cachola (second from left) discusses with selected ViSCA staff.*

- o The institution garnered the first, second, and third places for the Outstanding Research Awards in Basic Research category and another silver for the Applied Research category during the 8th Regional Symposium on R and D Highlights.
- o ViSCA, through the ViSCA-led Visayas Coordinated Agricultural Research Program (VICARP), received for the second time the **UGNAY AWARD - First Runner-Up** (National Level) for its significant and

exemplary accomplishments in Regional R and D management.



*VICARP Coordinator, Dr. Lelita Gonzal, receives the Ugnay Award.*

- o Cognizant of ViSCA's manpower and technological competence, DECS Secretary Ricardo T. Gloria tasked the College to offer the Saturday-Sunday University (SSU) effective June 3, 1996. SSU provides technical courses for farmers, housewives/husbands, youth, and employees who wish to avail of training on livelihood technologies. In 1996, the course in Pattern Drafting and Dressmaking produced 13 graduates.



*Secretary Gloria launches the SSU at ViSCA.*



- o Six faculty members received prestigious awards and recognition in their different fields of specialization, as follows: Dr. Antonio L. Acedo, Jr. - *1996 Outstanding Young Scientist Award*, Dr. Alice S. Go *Likhaan Writing Fellow*, Dr. Roberto C. Guarte - *Outstanding Foreign Ph. D. Candidate/Young Scientist in Germany*, Dr. Lualhati M. Noriel - *Marcos R. Vega Award*, Dr. Lutgarda S. Palomar - *CSSP Achievement Award*, and Dr. Lina T. Villacarlos - *Leopoldo B. Uichanco Memorial Award in Entomology*.
- o Five ViSCA Laboratory High School (VLHS) students qualified to participate in the *National Sibol Award* contest sponsored by the Department of Science and Technology (DOST); two students made it to the *Palarong Pambansa* in badminton and lawn tennis; and two students won first place in the essay and editorial writing contests as well as extemporaneous contest.
- o The VLHS Choir garnered the championship trophy during the National Music Competition for Young Artists (NAMCYA) at the regional level.

**A bemedalled Ph.D. graduate, Dr. Roberto C. Guarte receives his graduation cap which symbolizes his field of excellence.**



- o Three faculty members reaped *Magna cum laude* honors in their Ph.D. programs at the University of Hohenheim in Stuttgart, Germany, namely: Dr. Victor B. Asio of the Department of Agronomy and Soil Science, Dr. Buenaventura Dargantes of the Center for Social Research, and Dr. Roberto C. Guarte of the Department of Agricultural Engineering and Applied Mathematics.
- o Successful Board Examinees
  - Forestry Licensure Exam - 23 (54.76 percent passed)
  - Board Exam for Teachers - 31 ( 81.08 percent passed)
  - Licensure Exam for Agricultural Engineers - 4 (80 percent passed)
  - Chemists Licensure Examination - 1 (50 percent passed)

### Changes and Challenges

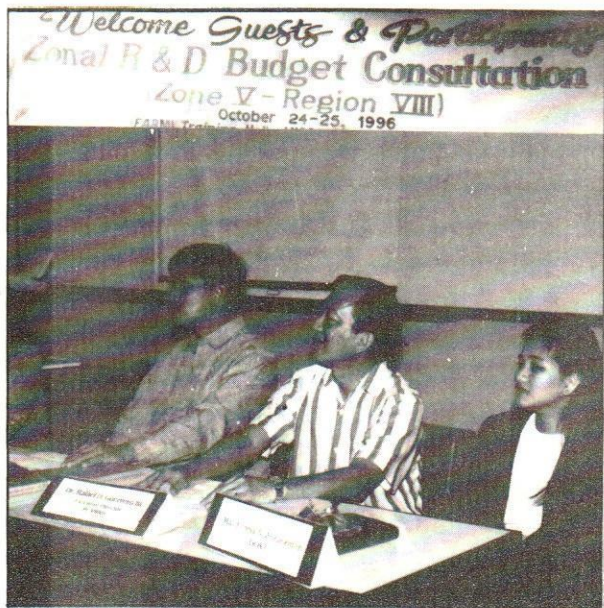
1996 became the year of changes and maiden activities in ViSCA's initiative to pursue more meaningful programs. The year also actualized ViSCA's drive to improve operational efficiency and strengthen ties with other institutions.

- o To expand its graduate program, new courses have been approved for implementation effective 1st semester SY 1997-1998, as follows: Ph.D. in Agricultural Education, M. S. in Home Economics, and M. S. in Food Science and Technology.
- o The extension and training services of the College was revitalized by splitting the Office of the Director of Research and Extension (ODREX) into two distinct units - the offices of the Director of Research and Development (ODRD) and the Director of Extension and Non-Formal Education (ODExNFE).
- o The College conducted the First National Training on Instructional Materials Development for teachers from various Provincial Technical Institutes in Agriculture on April 14-May 5, 1996.

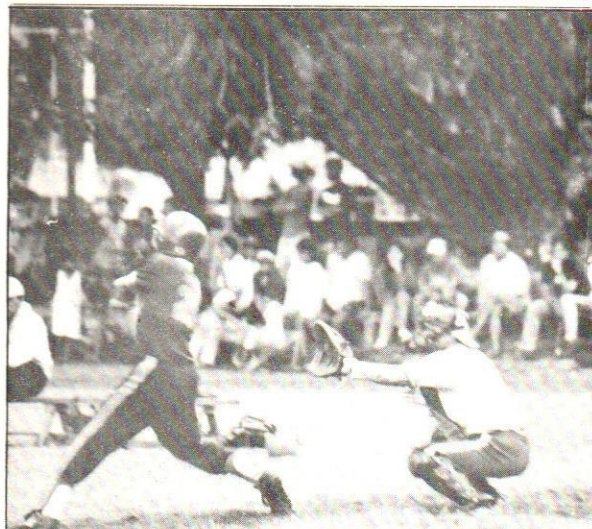


- o ViSCA actively participated in the First Visayas Travel Fair and Tourism Assembly on June 21-23, 1996 in Tacloban City.
- o In its conscious effort to spur dynamism among the College constituency, ViSCA initiated the first of a series of activities, as follows: a Semi-Annual Planning Workshop conducted on July 11-12, 1996 for IGP project managers to improve the management and operations of ViSCA's income generating projects, the First Instruction Program Review on July 18-19, 1996 to improve and update instructional programs and objectives, and the First Annual Review and Planning Workshop for Administrative and Support Services on August 28-29, 1996 at the FARMI Conference Room to improve ViSCA's administrative functions and operations.
- o The College hosted the Zonal Tripartite Budget Dialogue for Calendar Year 1997 on October 24-25, 1996 which was organized by the Department of Science and Technology and participated in by Region 8 agencies involved in the national research system.

- o The College conducted a 3-day R and D Organizational Assessment and Enhancement Workshop on October 28-30, 1996 to strengthen further ViSCA's R and D organization in terms of clear direction, roles, and tasks; excellent work performance; deep interpersonal relationships; strong inter-dependency among units; team effectiveness; and smooth communication flows.
- o The institution also served as the venue of the Region VIII State Colleges and Universities Athletic Association (SCUAA) Meet on December 15-20, 1996 participated in by eleven schools.



**Heads and representatives of DOST, PCARRD, PCAMRD and DBM interact with research entities.**



**Athletes of Region 8 SCUs show camaraderie through sports.**



# ***INSTRUCTION***

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*VISCA's academic staff continually bone up for the improvement of teaching methodologies.*

## **Curriculum Development**

### **Graduate Program**

- o Curricular proposal approved by the Board of Trustees for implementation effective 1st semester, SY 1997-1998:
  1. Ph. D. in Agricultural Education
  2. MS in Food Science and Technology
  3. Home Economics as major field of the Master of Science and the Master of Agricultural Development
- o The Instructional Media Development Center (IMDC) produced instructional materials that focus on how-to's of developing and using learning materials which include Flipchart Design and Production, Basic Drawing Techniques, Visual Aids Reproduction Techniques, and Creating Soundslide Production.
- o IMDC also coordinated the development and revision of modules and syllabi on Agricultural Biology, Field Crops and Cereal Production, Horticultural Crops, Agricultural Mathematics, and Applied Statistics through a workshop participated in by the DAT-BAT



teachers handling the said courses. Moreover, it published laboratory manual on Soil Science 22, designed an information brochure, and developed a video presentation of its services.

### **Undergraduate Program**

- o Revised the BS Development Communication curriculum to include DECS and CHED mandated courses, research planning and manuscript preparation courses, and a 3-unit course in computer science.
- o Revised the BSAE curriculum to remove the field practice and replace it with thesis and reduced the three year offering of Math to two years with the same number of units.
- o Produced and updated the existing teaching/study guides in Agricultural Economics and Agribusiness.
- o Revised the BSA curriculum to include the new DECS mandated general education courses.

### **Secondary Education Program**

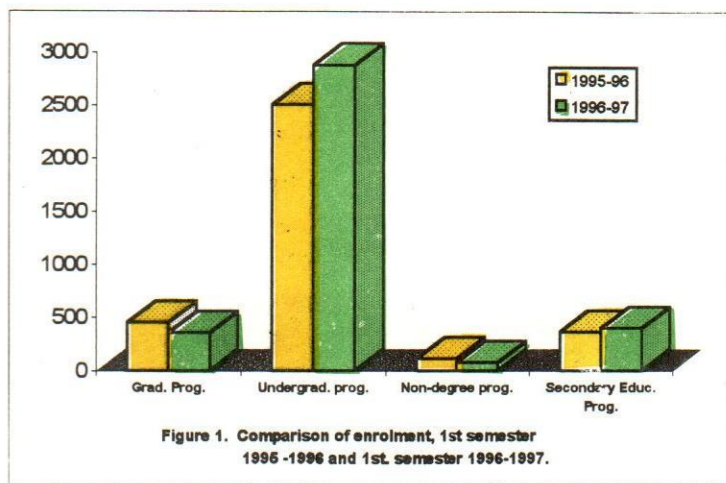
- o School year 1996-1997 served as the last year for the New Secondary Education Curriculum (NSEC) before its complete phase out in favor of the Secondary Agricultural Science curriculum.

### **Review of Programs in Instruction**

The Office of the Director of Instruction (ODI), in cooperation with the Vice President for Academic Affairs, took the lead in conducting the First Instruction Program Review on July 18-19, 1996 for improvement and updating of instructional programs.

## **Enrollment Profile**

- o Total enrollment reached 3,706 or an increase of 8.1 percent from last year's enrollment of 3,429.
- o Undergraduate enrollment increased by 14.8 percent. Programs with significant increases in enrollment include the Doctor of Veterinary Medicine (150%: 6 to 15), B.S. Food Technology (29.7%: 101 to 131), B.S. in Agricultural Education (26.4%: 273 to 345), B.S. Forestry (25.9%: 255 to 321), B.S. Agribusiness (25.1%: 315 to 394), B.S. Home Economics (22.4%: 232 to 284), and Bachelor of Animal Science (18.4%: 358 to 424).
- o Enrollment for the Non-degree program decreased by 45 percent (from 111 to 75).
- o The secondary level enrollment increased from 361 to 396, or an increase of 9.7 percent.



## **Scholastic Achievement**

### **Graduate Program**

- o Thirty-six graduate students (11 MS, 25 M.Ag.Dev) received their masteral diplomas during the 44th Collegiate Commencement Exercises.



## Undergraduate Program

- o A total of 364 students (1 posthumous) finished their degree courses and non-degree certificates, of which 1 got *Summa Cum Laude*, 1 *Magna Cum Laude*, and 16 *Cum Laude* honors.
- o A total of 137 college students were scholars (Table 1), 106 and 31 of which were funded by ViSCA and by other agencies, respectively.
- o A total of 650 students benefitted from grants-in-aid and assistantships.

**Table 1. College Students Enjoying Scholarship Funded by ViSCA and Other Agencies by Course, First Semester 1996-1997.**

Degree/ Course	Total Course Enrollment	TYPE OF SCHOLARSHIP						TOTAL	% of Total Course Enrollment
		Full	Partial	Honorific	ACES	Others			
BSA	422	4	9	7	0	7	27	6.4	
BSAgEd	345	0	6	4	0	4	14	4.1	
BSAgDev	150	0	0	1	0	0	1	0.7	
BSHE	284	0	0	3	0	2	5	1.8	
BSDC	116	1	3	2	1	1	8	6.9	
BSAE	162	2	4	5	0	3	14	8.6	
BSAB	395	1	8	5	0	6	20	5.1	
BAS	424	2	6	5	0	4	17	4.0	
BSAC	33	1	2	1	0	1	5	15.2	
BSFT	131	2	6	4	0	1	13	9.9	
BSS	82	2	3	0	0	2	7	8.5	
BSF	321	0	3	3	0	0	6	1.9	
DVM	15	0	0	0	0	0	0	0	
HET	43	0	0	0	0	0	0	0	
Total	2,923	15	50	40	1	31	137	4.7	

## Secondary Education Program

- o During the 67th Commencement Exercises of the ViSCA Laboratory High School, a total of 88 students graduated, consisting of 48 graduates from the DECS National Secondary Education Curriculum and 40 from the Agricultural Science Curriculum. Two of the graduates marched with High Honors (valedictorian and salutatorian), three with High Honors and fourteen with Honors.

- o Forty-six percent of the high school enrollees enjoyed scholarships, broken down as follows: 10.0 percent honorific, 11.1 percent full, and 78.9 percent partial scholarships.

## **Board Exam Performance**

- o Successful examinees in the 1996 Professional Board/Licensure Examinations:

### **A. Professional Board Examination for Foresters**

1. Agcang, Sarah A.
2. Dabuet, Paquito P.
3. De los Santos, Dennis D.
4. Docena, Nicolas Jr., C.
5. Fernandico, Derden T.
6. Ignacio, Crisanto P.
7. Israel, Aurora M.
8. Israel, William P.
9. Labides, Julius V.
10. Lavilla, Gemma C.
11. Lillo, Edgardo P.
12. Monterola, Glenn Noel B.
13. Morales, Florante F.
14. Nuñez, Rey O.
15. Obtiar, Elisa L.
16. Ocares, Matias D.
17. Pagal, Rosario Jr., M.
18. Paglinawan, Manasses V.
19. Polinar, Bonifacio N.
20. Rica, Ariel N.
21. Samaco, Marcelo P.
22. Sanica, Analiza C.
23. Tan, Lederico D.

### **B. Professional Board Examination for Teachers**

1. Almene, Charito M.
2. Anoos, Cecilia T.
3. Bulawan, Noel I.
4. Castino, Mercy B.
5. Castrudes, Arlene C.



6. Celedio, Marilou J.
7. Corot, Emma P.
8. De Paz, Lucia M.
9. Ebero, Rosemarie T.
10. Estoy, Anna Brelin A.
11. Gervacio, Emma V.
12. Joyo, Jennelyn D.
13. Llano, Judith S.
14. Lorejas, Gina B.
15. Luego, Anna Mae G.
16. Mahayag, Romelia Y.
17. Managbanag, Ofelia G.
18. Manatad, Jocelyn A.
19. Mendoza, Monica, P.
20. Morata, Janet T.
21. Muaña, Corina M.
22. Oquias, Roberto N.
23. Pilapil, Genoveva V.
24. Pitogo, Rowena L.
25. Polistico, Lorna R.
26. Rosal, Rosanna A.
27. Sabijon, Letecia C.
28. Sia, Ma. Joahna B.
29. Susaya, Jocelyn P.
30. Talaboc, Carmencita A.
31. Vega, Judith H.

### C. Professional Board Examination for Chemists

1. Peña, Jenny T.

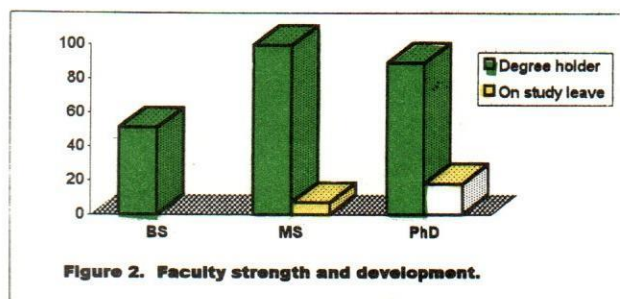
### D. Professional Board Examination for Agricultural Engineers

1. Delantar, Macuin F.
2. Dime, Rino C.
3. Javier, Irma C.
4. Niedo, Von T.

## Faculty Strength & Development

- o ViSCA's 262 academic staff consisting of 91 Ph.D., 100 Master's degree, and 51 Bachelor's degree holders, backstop the instructional programs of the college.

- o A total of 20 faculty members are on study leave (15 for Ph. D. degree and 5 for M. S. degree) with financial support from ESEP-PCASTRD, PCASTRD-MDP, CIIFAD-CFTU, Monbusho, GTZ, New Zealand Bilateral, ITTO, EISAM, Methodist World Hunger Scholarship, Fulbright, FSP/DA/BFAR, Colombo, and VISCA Fellow Assistantship.



- o During the year, academic staff attended a total of 288 trainings: 24 international, 111 national, 52 regional, and 101 local.

Table 2. Number of trainings attended by the faculty as of December 31, 1996.

Department/ Center	Number of Trainings Attended							
	Local	Partic- pant	Region- d	Partic- pant	National	Partic- pant	Int'l	Partic- pant
<b>A. Academic Departments</b>								
Ag. Chem. Food Sci.	3	4	6	8	12	13	4	4
Ag. Ed. & Extension	10	15	2	3	7	9	-	-
Ag. Engng & App. Math	7	13	4	6	11	13	1	1
Dev. Comm.	7	9	1	1	3	3	-	-
Plant Protection	13	34	12	20	22	30	9	10
An. Sci. & Vet. Med.	12	33	3	7	9	13	1	1
Forestry	12	24	1	1	3	3	1	1
Home Science	2	4	1	1	6	6	-	-
Horticulture	6	13	2	5	7	11	2	2
Ag. Econ. & Agrib.	7	9	1	1	6	6	-	-
Arts & Letters	1	4	1	1	12	14	1	1
Agron & Soil Science	4	6	1	1	4	5	3	4
Physical Educ.	3	11	-	-	-	-	-	-
VISCA Lab High School	8	12	9	11	5	5	-	-
<b>Sub-total</b>	<b>95</b>	<b>191</b>	<b>44</b>	<b>66</b>	<b>107</b>	<b>131</b>	<b>22</b>	<b>24</b>
<b>B. Research Centers</b>								
FARMI	2	2	7	7	4	4	2	2
RCRC	4	4	1	6	-	-	-	-
<b>Sub-Total</b>	<b>6</b>	<b>6</b>	<b>8</b>	<b>13</b>	<b>4</b>	<b>4</b>	<b>2</b>	<b>2</b>
<b>GRAND TOTAL</b>	<b>101</b>	<b>197</b>	<b>52</b>	<b>79</b>	<b>111</b>	<b>135</b>	<b>24</b>	<b>26</b>



Table 2a. List of ViSCA Faculty and Staff Members who Attended International Trainings  
CY 1996

Name	Title of Training	Date of Training	Place of Training
A. L. Acedo	Matsumae International Foundation Research Fellowship	June 1-8, 1996	U. of Ryukyus Okinawa, Japan
E. R. Alcober	International Workshop on Orchard	Aug. 7-9, 1996	Israel
A. Almendras/ L. Taburada	ACIAR Planning Meeting and Workshop	Feb. 26-Mar. 2, 1996	ViSCA
V. Asio	Soil Science Expedition to the Mediterranean	March 3-18m 1996	Mediterranean countries
V. Asio, M. Ceniza, & P. P. Milan	4th International Seminar/Workshop on Tropical Ecology	Sept. 5-19, 1996	Palawan
E. C. Bumatay	Training Course on Forestry Research Strategy Formulation, Planning and Management	Nov. 11-22, 1996	Kuala Lumpur, Malaysia
Roberto C. Guarte	Forum on Food Security	Feb. 12-14, 1996	Bonn, Germany
P. P. Milan	International Conference on the Marine Biology of the Southern China Sea	Oct. 28-Nov. 1, 1996	Univ. of Hongkong
P. P. Milan	Seminar-Workshop on Project Cycle Mngement	Nov. 4-8, 1996	Hua Hin, Thailand
L. M. Noriel	Training on Botanical Research	May-July 1996	Univ. of Hohenheim
L. M. Noriel	Allelopathy in Rice and Biological	Oct. 15-31, 1996	IRRI
L. M. Noriel	Workshop on Allelopathy in Rice	Nov. 25-27, 1996	IRRI
M. K. Palomar	Third Asia Pacific Biotechnology	May 23-24, 1996	Manila
Z. de la Rosa	Training Workshop on GIS: Techniques for Agro-Ecosystems Characterization	Sept. 30-Oct. 31 1996	IRRI, Los Banos, Laguna
A. M. Taveros	Agri-Link 1996 Plus	Oct. 23-25, 1996	PICC Manila
L. T. Villacarlos	Rothamsted International Fellowship	Nov. 1995-May 1996	Rothamsted, England
L. T. Villacarlos	29th Annual Meeting of the Society of Invertebrate Pathology	Sept. 1-6, 1996	Cordoba, Spain
	Field Visits for Research & Extension Information Exchange in Northern Thailand	Oct. 6-17, 1996	Northern Thailand (URRCon Sites)



# Awards and Achievements of Faculty, Staff, and Students

In 1996, ViSCA's faculty, staff, and students received various awards and recognition in different occasions.

**Table 3. List of faculty, staff and students who received awards/recognition for CY 1996.**

Department/Name	Title of Award/Recognition	Remarks
<b><u>Department of Ag. Chem. &amp; Food Science:</u></b>		
<i>Dr. Lutgarda S. Palomar</i>	<i>CSSP Achievement Award</i>	Technology Development during the 12th Annual Scientific Conference of the Federation of Crop Science Societies of the Philippines, May 3-7, 1996
	<i>PAFT Fellow</i>	Philippine Association of Food Technologists for her leadership and significant contribution in the field of technology.
<b><u>Department of Plant Protection:</u></b>		
<i>Dr. Lina T. Villacarlos</i>	<i>Leopoldo B. Uichanco Memorial Award in Entomology</i>	For her work in microbial pathogens of mosquitoes, ipil-ipil psyllid, sweet potato weevil, rhinoceros beetle & potato aphids
<i>Dr. Lualhati M. Noriel</i>	<i>Marcos R. Vega Award in Weed Science</i>	For her significant contributions through teaching and research
<b><u>Department of Arts &amp; Letters</u></b>		
<i>Dr. Alice S. Go</i>	<i>Writing Fellow</i>	UP Creative Writing Center known as <i>Likhaan</i>
<b><u>Department of Horticulture</u></b>		
<i>Dr. Antonio A. Acedo, Jr.</i>	<i>1996 Outstanding Young Scientist</i>	In the field of horticulture chosen by the National Academy of Science and Technology
<b><u>Department of Ag. Engineering and Applied Mathematics</u></b>		
<i>Dr. Roberto C. Guarte</i>	<i>Magna cum laude</i>	When he finished his doctoral degree at the University of Hohenheim, Germany in June 1996
	<i>Outstanding Foreign Ph. D Candidate/Young Scientists</i>	Awarded by the Alliance of Internationally-Oriented Agricultural Researchers (AIDA) on February 1996 in Bonn, Germany.



Department/Name	Title of Award/Recognition	Remarks
<b><u>Department of Agronomy and Soil Science</u></b>		
Dr. Victor B. Asio	<i>Magna cum laude</i>	When he finished his doctoral degree at the University of Hohenheim, Stuttgart, Germany
Sergio M. Abit Jr.	<i>Gov. R. L. Petilla Award</i>	As Most Outstanding Student of ViSCA
<b><u>Department of Development Communication</u></b>		
Cindy Codog (Student)	<i>Miss SCUAA '96</i>	
<b><u>ViSCA Laboratory High School</u></b>		
Ma. Dollete Gonzal, Adonis Ray Gonzal, Nel Anterson Landerito, Virgilio Hoyumpa, and Hilbrecht de Pedro		Qualified to participate in the National Sibol Award Contest
Ed Allan Alcober, Imar Oracion, Hyacinth Zafra, and Jennifer Dumaguing		Made it to the <i>Palarong Pambansa</i> in badminton at General Santos City
Evert Don Canada	<i>First Place</i>	The Voice of the Youth Extemporaneous Contest December 5, 1996
	<i>First Place</i>	Editorial Writing in the Division Secondary Schools Press Conference
Lizbeth Dumaguing	<i>First Place</i>	Regional Essay Writing Contest RELC, DECS Region 8
VLHS Choir	<i>Championship Trophy</i>	National Music Competition for Young Artists (NAMCYA) (Regional Level)
<b><u>Center for Social Research</u></b>		
Dr. Buenaventura Dargantes	<i>Magna cum laude</i>	When he finished his doctoral degree at the University of Hohenheim, Stuttgart, Germany



# RESEARCH & DEVELOPMENT

ViSCA implemented a total of 162 research projects in CY 1996. Research projects were classified as follows: 31 studies for completion during the year, 101 continuing, 4 deferred, and 26 new. Local and international funding agencies for research and development projects included: ViSCA/PhilRice, FARMI Trust, PRCRTC Trust, RCRC Trust, VEFI, PCARRD/PCA, PCARRD/DOST, PCARRD/USAID-WID, DOST/GIA, NRCP, NAPHIRE, PCIERD, UPWARD, PCRDF, BAR, CIIF, GTZ, CIAT, IFS, IRRI, ACIAR, CIIFAD/CFTU, and CIAT/CSIRD/AIDAB.

**Table 4. Number of Ongoing R and D Projects/Studies by Commodity, 1996.**

COMMODITY	PROJECTS/STUDIES				TOTAL
	New	Continuing	For Completion	Deferred	
Abaca	3	12	-	1	16
Root Crops	6	39	11	2	58
Coconut	2	9	3	-	14
Com	-	5	1	-	6
Rice	-	6	1	1	8
Ecosystem	8	2	-	-	10
Farming System	1	15	4	-	20
Forage/Pasture	-	1	3	-	4
Forestry	-	-	2	-	2
Fruits/Fruit Trees	1	1	1	-	3
Livestock	2	1	2	-	5
Rural Sociology	2	-	-	-	2
Soil/Water Resources	1	5	-	-	6
Vegetable	-	4	2	-	6
Others (Slide Study)	-	1	1	-	2
<b>TOTAL</b>	<b>26</b>	<b>101</b>	<b>31</b>	<b>4</b>	<b>162</b>

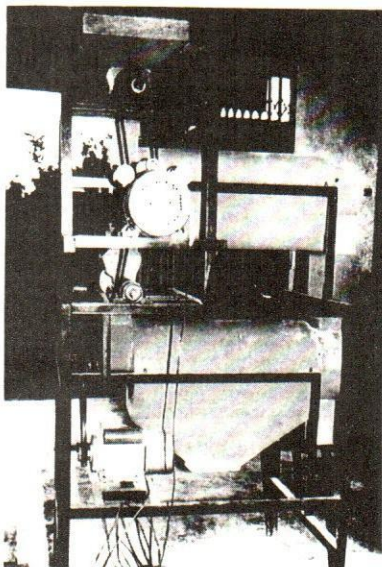
**Table 5. R and D Budget by Funding Agency, CY 1996.**

Funding Agency	Amount (P)
<b>A. VISCA (Direct Cost)</b>	P 9,000,155.00
<b>B. Local Sources</b>	
NAPHIRE	1,197,200.00
FARMI Trust	1,086,412.27
PHILRICE	374,108.00
BAR	325,000.00
NRCP	168,811.32
PCIERD	100,000.00
PCRDF	93,247.09
PRCRTC Trust	46,800.00
DOST	31,015.85
PCA	30,000.00
PCARRD	12,000.00
RCRC Trust	10,000.00
VEFI	5,000.00
<b>Sub-total</b>	<b>P 3,479,594.53</b>
<b>C. Foreign Sources</b>	
GTZ	2,043,273.90
IRRI	623,550.00
ACIAR	483,167.74
CIAT	350,000.00
UPWARD	267,100.00
CIIFAD/CFTU	251,599.70
<b>Sub-total</b>	<b>P 4,018,691.34</b>
<b>GRAND TOTAL</b>	<b>P 16,498,440.87</b>



## Technologies for Dissemination

- o Enriched kabkab development
- o Developed deep bed dryer
- o Control of storage disease of yam
- o Improved design of chipper, flour grinder and finisher, washer/peeler for root crops
- o Protein-enriched root crop products
- o Rapid propagation of macapuno
- o Agroforestry system technologies
- o Tree farming and reforestation technologies



*Improved root crop chips flour grinder-finisher designed by Engr. Ramon Orias of PRCRTC.*

## Significant Information

- o Abaca
  1. Cytological, cytogenetics, and pollen fertility of abaca varieties
  2. Durian and cacao as companion trees for abaca
  3. Fiber characteristics of promising abaca accessions for pulp and paper industry
  4. List of abaca accessions for on-farm trials
  5. Status of abaca germplasm collection
  6. Tree legume residues: potential source of nutrients for corn grown in acid fertile clay
  7. Promising abaca accessions for handicraft

## o Coconut

1. High-yielding coconut varieties
2. Optimum level of defoliation in coconut
3. Precocious macapuno-bearing palms
4. Recommended pit configuration and depth of heat sources for direct-type copra dryer

## o Farming Systems

1. Mushroom cultivation under the close canopy and high diversity forest farming systems
2. Potential creeping legumes under coconut and abaca
3. Soil fertility management in Dolores, Quezon; Baloi, Lanao del Norte; and Dulag, Leyte.



*Study on mushroom cultivation under the leadership of Prof. Jess Lim and Ms. Yoly Mangaoang with support from VISCA-GTZ.*

## o Fruits and Vegetables

1. Identified natural enemies of vegetable crops *T. chilonis* against cabbage moth
2. Promising vegetable legume varieties

## o Marine Resources

1. Biological diversity enhancement through structural diversification



o Pests and Diseases

1. Extent of fusarium wilt occurrence in Leyte, description of isolates, and control
2. Potential bactericides from *Libas* and *Elephanteng Puti*
3. Sweetpotato feathery mosaic virus characteristics and its transmission mode

o Rice

1. Protocol for PSB Rc1 and UPL Rc5 tissue culture
2. Reactions of different rice selections to different insect pests
3. Rice varieties resistant to diseases

o Social Science

1. The *alayon*: its origin, principles, and practices, and as a vehicle to farming practices
2. Some socioeconomic, biophysical, and geographical data for three barangays: San Salvador, Elevado, and Esperanza, in Matalom, Leyte

## Research Awards

ViSCA, through the Visayas Coordinated Agricultural Research Program (VICARP) received for the second time from PCARRD the **UGNAY AWARD** (*National Level*), **First Runner-Up** for its significant and exemplary accomplishments in Regional R and D management.

During the 8th Regional Symposium on R and D Highlights, the following *Outstanding Research Awards* were accorded to ViSCA:

## 1. Basic Research

- a. Distribution, transmission, and disease characterization of sweet potato feathery mottle virus (M.K. Palomar, E. B. Barsalote and H. V. Colis/DPP, ViSCA) - *First Place, Silver*
- b. Bioactive principles from *Libas* and *Elephanteng Puti* against *Haemophilus gallinarum* (E.O.Landerito, F. M. Salas and J.G. Jansalin/DAC-FS, ViSCA) - *Second Place, Silver*
- c. Resistance of taro to major post-harvest diseases (M.K. Palomar, C. S. del Rosario and A.P. Molato/DPP, ViSCA)- *Bronze*

## 2. Applied Research

- a. Development of self-pollinating and precocious macapuno-bearing palms (T. C. Nuñez and V.M. de Paz RCRC, ViSCA)-*Silver*



**Planting materials of improved macapuno.**





*Dissemination and adoption of appropriate technologies constitute a major part of ViSCA's activities.*

The separation of ViSCA's extension and research management in February 1996, through the creation of the Office of the Director of Extension and Non-formal Education, strengthened the extension program of the College and made it more responsive to the needs of the region.

## **Programs Implemented**

During the year, a total of 26 extension programs/projects were implemented, of which 20 were ViSCA-funded while 6 were externally funded. The extension projects observed the four major activities such as collaborative community-based action research, trainings and non-formal education, technology and information/promotion/dissemination, and technical services.

## **Extension Projects and Highlights of Accomplishments**

### *Integrated Root Crop Extension Program*

The Philippine Root Crop Research and Training Center (PRCRTC) served as the main implementor of the project. Distribution of planting materials of sweet potato and cassava was one of the components of the project. To facilitate the distribution of planting materials in Mindanao, the PRCRTC established a nursery on recommended sweet potato varieties at Cison Surigao del Norte.

The program on cassava technology transfer, including the commercialization of cassava flour, continued for the past years.



Eight project sites in Visayas and Mindanao were established, however, only the two sites in Bontoc, So. Leyte and Lanao, Bukidnon showed positive results. Cassava production in Bontoc expanded from 64 to 85 hectares reaching a production of 404.5 tons while areas planted to cassava in Lanao, Bukidnon yielded 3,000 tons.

A feedmill in Bontoc went operational in February 1996 with a total feed production of 2,373 bags sold in dried chips at P3.50/kg. Established with the feedmill project was a piggery project with 58 sows and 4 boars.

### ***Integrated Abaca Extension Program***

The National Abaca Research Center (NARC) implemented the program with four components, namely: commercialization of abaca products and by-products; nursery/demonstration, farm establishment, seedpiece production, and distribution; technical update on abaca technologies; and technical assistance services.

To speed up distribution of good quality planting materials, NARC established a total area of 11.4 hectares for abaca nurseries in the different parts of the region in coordination with FIDA and distributed more than 1,000 abaca seedpieces to farmers.

Program implementors disseminated abaca technologies and information through publications, exhibits, technical assistance services, field visits, and radio station DYAC under the program *Takna sa Abaka*.

### ***Integrated Coconut Technology Delivery Systems for the Visayan Farmers***

During the year, the Regional Coconut Research Center (RCRC) with funding support from the Coconut Industry Investment Fund (CIIF), spearheaded mass production of seedlings of promising coconut cultivars for free

distribution to farmer-organizations and other interested individuals.

The center tapped multi-media channels in its technology transfer activities. It carried out a 30-minute weekly radio program dubbed as *Lubi Atong Mahalon* (Let's Cherish Coconut Trees) over radio station DYAC. It also mobilized interpersonal channels through farmer-researcher consultations and actual farm visits.

### ***Sustainable Upland Farming Program (SUFPP)***

As a development program of the Farm and Resource Management Institute (FARMI) in cooperation with the Local Government Unit (LGU) and people's organizations, the project focuses on the promotion of soil and water conservation and agroforestry technologies in the uplands of Matalom, Leyte. The project has the following components: soil and water conservation and agroforestry, demofarm, and On-farm Research Notes.

The project on soil and water conservation established 15 additional farms. Vetiver was found to be the most effective hedgerow. The project adopted agroforestry as one of the schemes to increase and sustain production in the uplands. It planted around 220,878 trees in about 250 farms with an estimated area of 160 hectares. Cattle fattening and goat raising constituted as part of the project. It also initiated the planting of forage grasses and legumes in collaboration with the CIAT project to sustain the livestock production of the *Alayons*.

### ***Capability Building for NGOs, POs, and other organizations for Agriculture and Rural Development***

With the implementation of the Local Government Code of 1991, ViSCA through the Center for Social Research (CSR), conducted



extension program that aimed to strengthen the capabilities of LGUs, NGOs, and POs in rural development planning, implementation, and management. Linkages with municipal officials in 39 towns of Leyte were established through the signing of Memorandum of Agreement (MOA) between ViSCA and the province of Leyte. CSR conducted seminar-workshops on municipal planning in 31 municipalities with an average of 85 participants per workshop.

Solutions to the problems identified during the workshop included value reorientation, strengthening of people's organizations, trainings and seminars on desired technologies, and coordination with GAs and NGOs for additional funding or inclusion of identified projects in farmer's own plan of work.

### **Barangay Integrated Development Approach for Nutrition Improvement (BIDANI)**

The project considers nutrition as an objective, a component, and an indicator of development. During the year, it conducted several trainings/workshops, and seminars for the operation of the Barangay Management Information System (BMIS) and adopted the individualized approach to rehabilitate the moderately and severely malnourished children. Moreover, the project integrated the Socio-Economic Assistance Project (SEAP) which provides financial assistance to qualified beneficiaries in BIDANI-assisted villages.

### **Saturday-Sunday University (SSU)**

The first training on Pattern Drafting and Dressmaking produced 13 graduates. Training modules were produced and distributed to the students. Problems met included the lack of equipment and facilities exclusive for SSU classes and the heterogeneity of participants.

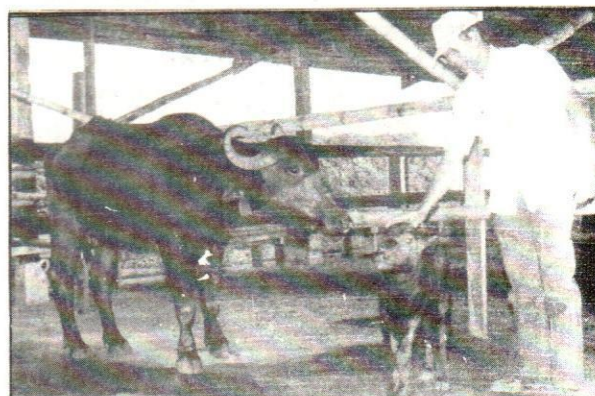
## **Extension Program Development Services**

A review of 20 extension programs was conducted during the year. Project leaders visited project sites and cooperators in Brgys. Guadalupe and Bubon in Baybay (root crop and abaca production, respectively), Hindang (cassava starch), Villa Ridge (Social Action Project), and Matalom (upland farming).

The following extension delivery services were also evaluated: listenership survey of Radio Station DYAC, a case study on contour farming, and consolidation of 5-year data on farmer, and agency participation in the ViSCA Farmers Field Day.

### **Philippine Carabao Center (PCC)**

The Philippine Carabao Center at ViSCA serves as one of the 13 Regional centers in the country created to improve the general well-being of rural farming communities through carabao genetic improvement, technology development, and dissemination and establishment of carabao-based enterprises, to ensure higher income and better nutrition. PCC's carabao upgrading program centers on artificial insemination activities for Region VIII. During the year, it conducted a total of 1,344 inseminations in 221 barangays of 24 municipalities and produced 49 caracalves (F1s) in 9 municipalities of Leyte and 2 in Southern Leyte.



*PCC Director Oscar B. Posas shows an improved breed of caracalf produced from AI.*



PCC also established a satellite center in San Agustin, Gandara, Samar and transferred there 10 heads of breeding animals (5 bulls/5 caracows)

The center also conducted benchmark surveys on the slaughter rate of carabaos in Region VIII and the number of rural banks in Region VIII supporting the carabao dispersal program.

## Trainings

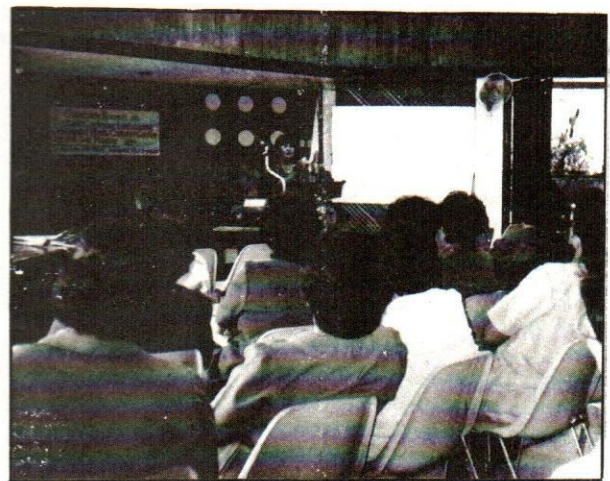
Training participants included farmers, rural women, housewives, out-of-school youth, local government officials, teachers, extension workers, students, NGO staff, coop members, foreign investors, and field technicians of government line agencies.

## Distribution of Planting Materials

The following ViSCA offices distributed various kinds of planting materials to the different beneficiaries: DOF - 8,000 tree seedlings, FARMI - seeds and seedlings which produced 81,608 live trees, DOH - 740 seedlings, and 2,340 asexually propagated planting materials of different kinds of fruit trees, RCRC - 4,299 coconut seedlings, and DASS - 560 kg cereal and legume seeds.

## Distribution of Technoguides and Other Printed Materials

- o The Department of Horticulture distributed 1,513 copies of reprinted publications and training guides to students, farmers, visitors, and government employees.



*Series of trainings conducted for various clientele.*



**Table 6. Trainings conducted in 1996 by departments/centers.**

Department/ Center	Title of Training	Type of Clientele	Total Participants
DOH	Training on ornamental, cutflower, seed, fruit trees and vegetable production; bonsai making; flower arrangement; container gardening; nursery management; plant propagation & orchard management; asexual propagation	teachers, students, LGU officials, faculty/staff, farmers, pupils, fishermen, housewives	1,486
DAL	English teaching; food preservation; christmas decor making; garment construction; fan (cloth/bamboo) making;	secondary & elementary school teachers, women	92
DASVM	Training on swine and broiler production	farmers, housewives	119
DAEAM	Trainers' training on the operation & application of appropriate NRES Technologies; artisans' training on the construction of biogas system	VISCA staff, farmers	
DHS	Training on pattern drafting and dressmaking	women, housewives	13
DPP	Integrated pest management of important commodities in Region 8	farmers and vocational school teachers	160
DAC-FS	Job Lives Model and visioning the future	VISCA staff & students	
DAEA	Operation & management of diff. types of coop; principles & practices of coops; simple record keeping, bookkeeping & accounting; project feasibility preparation.	coop members, farmers, extension officers, DAR field staff	697
EMDC	National training on instructional materials development; study guides preparation, popularizing technical information; development broadcasting; crop production, management, and marketing; national review of the DAT-BAT instructional modules & Course Syllabi	PTIA teachers, VISCA staff, information officers, Vo-ag teachers.	150
PRCRTC	Training on sweet potato/cassava/ubi production, processing, & utilization; root crop conservation & development; reforestation & agroforestry; feedmill operation and management	farmers, housewives, coop members, staff of private agencies, gov't employees	188
NARC	Training for field assistants; varietal identification; abaca production, postharvest processing and by-product utilization; abaca nursery & plantation establishment; fiber grade identification; handicraft making; utilization of abaca wastes for high-valued handicraft products; skills training on the care, maintenance and operation of the abaca spindle stripping machine.	farmers, rural women, enumerators, students, technicians of gov't. line agencies, field personnel & officials of LBP & FIDA	289
RCRC	Need-based training and training on coco shell charcoal making	farmers	63
FARMI	Vetiver users' workshop	ecology group of Brgy. Makinhat, Baybay, Leyte	14
CSR	Seminar on environmental advocacy, municipal planning; refresher training course on extension strategies.	OPA personnel, LGU officials	2,725
DPE	Ballroom dancing; basic skills in basketball and volleyball.	VISCA employees and barangay folk & OSY	56



## **Technoguides Produced**

- o The Department of Animal Science and Veterinary Medicine produced technoguides on: Artificial Insemination in Swine, Deworming, and Vaccination of Hogs.

## **Other Extension Activities**

- o The Department of Forestry rehabilitated previously kaingin areas, maintained young stands in various places within the ViSCA Forest Reservation and issued 178 permits to firewood gatherers and to those in need of timber and non-timber products from the forest. It also established a satellite agroforestry demonstration farm in Valencia, Ormoc City which is a mirror-effect of the ViSCA Agroforestry Demonstration Farm.
- o The Department of Home Science provided technical assistance, lecture-demonstrations, and skills training to interested farmers and women's groups for capability building, nutrition improvement, and poverty alleviation.
- o The Department of Agricultural Chemistry and Food Science produced multimedia documents with Peanut-CRSP cooperators and radio plugs for DYAC, assisted packaging needs of GWAPCI and Travel Mart of the provincial office, and upgraded the food processing skills of members of SARIC, GWAPCI, and BIRPA.
- o The Department of Agricultural Economics and Agribusiness assisted in the preparation of Medium-Term Agricultural Development Plans of LGUs and 8 project feasibility studies of cooperatives, LGUs, and entrepreneurs.
- o The Soils Research Testing and Plant Analysis Laboratory of the Department of Agronomy and Soil Science analyzed a total of 1,911 samples of which 44 were from farmers' fields.
- o The Plant Pest Clinic Staff of the Department of Plant Protection diagnosed fourteen plant and plant and provided termite control
- o The Department of Plant Protection acquired additional collection of insects, arthropods, and marine biological specimens for its Biological Museum. A total of 5,527 visitors came to visit the museum.
- o ViSCA coordinated the Flower and Garden Show during the First Visayas Travel Fair and Tourism Assembly on June 21-23, 1996 in Tacloban City.
- o The Department of Physical Education taught ViSCA employees on ballroom dancing and trained barangay folks of Pangasugan, Marcos, and San Agustin in Baybay, Leyte basic skills in basketball and volleyball.
- o The Department of Agricultural Engineering and Applied Mathematics conducted trainers' training on the operation and application of appropriate NRES technologies and artisans training on the construction of biogas system.
- o ODEX coordinated 12 trainings in cooperation with other departments/centers of ViSCA.
- o ViSCA's Radio DYAC (1449 kHz in the AM band), in cooperation with the ViSCA-GTZ Ecology Program and the Department of Plant Protection, featured Coastal Resource Management in its school-on-the-air program from May to June 1996 with 345 fisherfolks in coastal barangays of Baybay and Inopacan, Leyte as its clientele.



# AUXILIARY SERVICES

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## Office of Student Affairs

The Office of Student Affairs accomplished the following:

- \* strengthened linkages with scholarship sponsors and employers of ViSCA graduates;
- \* formally organized the department-based Guidance Facilitators composed of 19 faculty members;
- \* coordinated and sponsored Freshmen Orientation, Honors and Awards Convocation, Job Seeking Seminars, Career Day Seminar, and Peer Mover Trainings;
- \* administered 274 tests for Vocational Guidance both to staff and students; and
- \* inaugurated the Student Lounge and provided magazines and other reading materials, table games such as chess, dart, boggle, domino, snakes and ladders, and scrabbles for students' use.



*Students spend their spare time at the Student Lounge.*

## Workload for Department-based Facilitators

The ViSCA Board of Trustees approved OSA's request to give a three-unit workload to academic staff members who act as department-based guidance facilitators.

## Recognition and Oath Taking

OSA initiated the giving of recognition to ViSCA college students who served as Guidance Peer Movers (GPM) in the GPM Pinning and Moving Up Ceremony on November 12, 1996 at the Student Lounge. Some ViSCA staff members also took their oath as advisers of student organizations on August 15, 1996 at the College Union Cafeteria.

## Student Activities

College students, through the different course-related organizations, conducted different activities which include: tutorial classes especially in Math and Physics, educational trip, weekly monitoring of the prices of basic commodities in the town of Baybay, *alay linis*, *alay sayaw*, quiz show, tree planting, co-sponsorship of the flower and garden show, honing of skills in asexual propagation, sponsorship of an orientation seminar, active participation in the 72nd ViSCA anniversary, first Invitational *Paligsahan sa Gubat '96*, Rodeo '96 competition, field practice, student consultations, and social activities.



## Dormitory Repairs

Repairs and construction of different facilities in dormitories and cottages include as follows: repair of bunk beds, clothes locker, food locker, study tables, leaking roofs, and ceiling; construction of porch; fabrication of CR main doors, shutters, benches, and study tables; concreting of cooking stall; and installation of tiles, and water pipes.

## Library

The Library received the following ratings from the AACUP Evaluation on March 4-6, 1996: excellent in area and facilities, sufficient library holdings to meet the needs of faculty and students, manned by professionally trained librarians, and adequately catalogued books and other materials.

## Acquisitions

The Library procured a total of 1,710 books, 151 serials, 32 VHS tapes, 12 CD-ROMs, 2 transparencies, 4 sets of slides, 193 theses and dissertations, and 37 terminal reports.

## CD-ROM Literature Searching

The Library staff noted a significant increase in the number of users of the CD-ROM Literature Search at the Reference Section of the Library.

## Computer-Generated Library Handbook

The Library staff published and distributed to the new undergraduate and graduate students a computer-generated Library Handbook which provides information about the library services, information services, rules and regulations, and the physical arrangement of the library.

## Infirmary

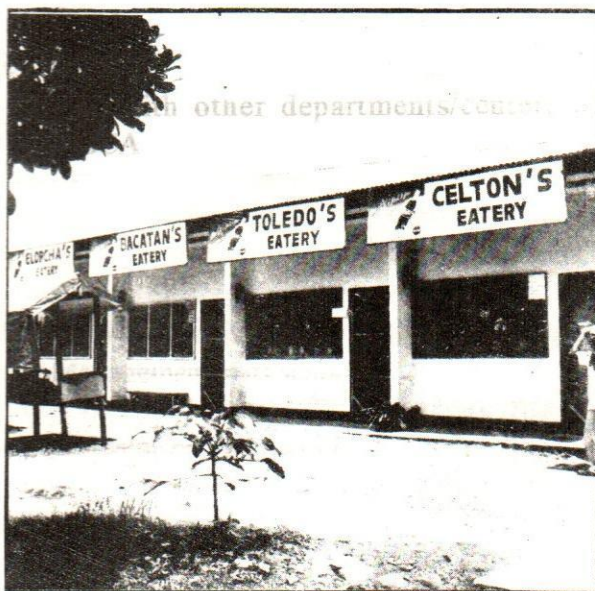
The College Infirmary provided daily a 24-hour satisfactory health care services to the ViSCA populace and the people living in the neighboring barangays.

## Land Use and Agribusiness Project Office (LUAPO)

LUAPO constructed an 8-door eatery, a new comfort room at the ViSCA market, and garbage receptacles at strategic points in the campus. It also completed the concrete fence at the ViSCA Market and improved the drainage system in the area. Likewise, it rehabilitated an area near the DYAC transmitter perimeter for rice production.

The Agribusiness Project Unit generated a gross income of P5.6 M.

Aside from serving snacks and meals to the college guests, the Guest House and Pavilion also generated a gross income of P1.3 M.



*The newly constructed 8-door eatery at the ViSCA Market.*



## GENERAL ADMINISTRATION



*Strengthening of administrative operations continue to be a major concern in ViSCA's growth.*

During the year, the different offices under the general administration continued to perform their specific functions to meet the goals set by the College.

As part of its community relations work, the Public Information and Community Relations Office (PICRO) published and distributed 16 issues of the PICRO Bulletin on a fortnightly basis from January to August 1996 and five issues of the ViSCA Newsletter on a monthly basis from September to December 1996. It also served a total of 10,212 visitors who were mostly students from other schools, government dignitaries, barangay and local government officials, farmers, and other people from all walks of life; institutionalized the Management Information System (MIS) in close collaboration with the Planning and Development Office (PDO); and extended editing services to PDO and other offices of the College.

The Planning and Development Office (PDO) consolidated and updated the following publications: 1995 ViSCA Annual Report, 1996 Annual Development Plan, 1995 Faculty Profile, and SY 1996-97 Student Profile. It also provided data for various institutional surveys and information requested by national agencies.

The ViSCA Manila Office actively carried out its function as a liaison office.

The Internal Control Unit (ICU) reviewed and verified the monthly reports of the different income generating projects; verified and traced to the source documents the booked-up suspension and disallowances for Fund 101, 102 and 151 from calendar years 1985 to 1995; and checked and reviewed the purchases of ViSCA Hostel from 1990 to 1995.



## Office of the Vice President for Administration

The Office of the Vice President for Administration provided overall supervision and coordination of all activities related to management, maintenance, development, and utilization of the human, physical, and fiscal resources of the College and assisted the Office of the President for sustained linkages with other agencies. During the year, the office initiated the first annual review of administrative and support services and provided overall coordination in the conduct of the seminar on Restricted Radiotelephone Operator-Restricted Land Mobile by the National Telecommunications Commission of Region VIII. The line offices under the Office of the Vice President for Administration accomplished the following:

1. The Legal Office worked for the settlement of the following cases:
  - a. SP Civil Action No. B-1124 entitled Antonio Sanchez vs. ViSCA, et. al. with the plaintiff duly paid his back wages except for his claim for cost of suit and leave credits which was not executed for lack of documentation following COA rules and regulations.
  - b. Civil Case No. B-921 entitled Mariano Cayunda, et. al vs. ViSCA requiring Cayunda to sign a compromise agreement for them to continue cultivating the land temporarily while the Owner will not yet use the lot for research, and harvest its fruits with a sharing of 75% to Cayunda and 25% to ViSCA.
  - c. G. R. Nos. 56219 and 56220 entitled Jaime Panes, et. al vs. ViSCA, et. al decided by the Supreme Court affirming the decision of the Court of Appeals and ordering the trial court to issue a writ of possession in favor of ViSCA.
  - d. ABBCO supplier returned the money to ViSCA for an undelivered item.
2. The Administrative Office accomplished the following:
  - a. Started the draft of the Administrative and Personnel Manual.
  - b. Completed the formal investigation of Administrative Case against 2 ViSCA employees and submitted a report to the Board of Trustees which led to the filing of formal charges against them and the imposition of appropriate penalty.
  - c. Facilitated the conduct of a conference among staff of Cash Division, Supply and Property Management Division, and Accounting with the new auditor and arrived at a compromise to settle the unreconciled book balance and actual inventory and bank balance.
  - d. Completed the investigation of five administrative proceedings and submitted the report and recommendations to the Office of the President.
3. The Human Resource Management and Development Office (HRMDO) initiated the reorientation seminar for the ViSCA Drivers, deputation seminar for ViSCA Security Guards, and conference on traffic rules and regulations.
4. The Cash Division effectively collected students' fees, loan repayments and project income, and remitted them promptly to the bank.
5. The Security Division installed road signs in strategic places of the campus to improve the flow of traffic. It also requested the Third
  - e. Dismissed the cases filed by laid off casual employees before CHED, Malacañang, and Civil Service Commission.
  - f. Forwarded the case records of 21 non-returning scholars to the Office of the Solicitor General for filing of appropriate case for collection and damages for their failure to comply with the terms of their scholarship contract.



District Engineer's Office to repaint the pedestrian lanes at the highway.

6. The Cebu Office accomplished the following:

- a. Construction of the presidential suite.
- b. Zero backlog of canvass and served 90 percent of the purchase orders.
- c. Assisted ViSCA staff in procuring supplies, facilitated the purchase of their transportation tickets, and exercised other liaison functions.

7. The Supply and Property Management Division had the following accomplishments:

- a. Conducted annual physical inventory of all college properties and facilitated the processing of registration and insurance of motor vehicles.
- b. Disseminated and introduced the use of stock cards and other related forms to all offices/centers for periodic update and physical inventory of supplies and materials.
- c. Procured supplies, materials, and equipment in Cebu and Manila when not available in Leyte and conducted two biddings for the year.

8. The Physical Plant Office accomplished the following:

- a. Complete repainting of the roofs of lower campus buildings and Gymnasium, Obelisks, waiting sheds, and guard posts.
- b. Fabricated iron gates, road signs, and garbage cans.
- c. Manufactured athletic equipment used during the SCUAA '96, repaired all

athletic facilities of the college, constructed temporary facilities, and facilitated transportation services during the meet.

- d. Turned over to the administration the Ilang-Ilang Dormitory after its completion.
- e. Repaired the stand-by Cummins Generating Set, the underground electric power cables/lines of the upper campus (Circuit I and II), the cottages, dormitories, and four (4) academic buildings and completed major repairs, and over-hauling of ten (10) units of motor vehicle.
- f. Demolished the Old High School Boy's Dormitory through *Pentakasi* System of PPO staff.

### **Manpower Resource**

ViSCA's 317 administrative personnel consisting of 212 regular and 105 casual staff provide management support. Four percent hold master degrees (8) and one percent (2) have doctoral degrees.

### **Facilities/Equipment Acquired**

The administrative offices acquired various office facilities and equipment, as follows: 11 computers, 11 printers, electric typewriter, filing cabinets, cassette tape player/recorder, electric pump and office fixtures.

### **Trainings Attended**

During the year, the administrative staff attended a total of 21 seminars/trainings in the fields of accounting, cash, supply, property, records and archives management, information technology, gender sensitivity, fiscal administration and discipline, and effective planning management.



## Problems Encountered and Actions Taken

### Problems Met

1. Limited regular positions
2. Work overload
3. Limited appropriation for casuals and contractuels
4. Inadequate equipment and other office facilities
5. Lack of budget for infrastructure projects
6. Limited funding allocations for projects
7. Lack of manpower to work on emergency repairs
8. Lack of adequate manpower to carry out the primary responsibilities of ICU
9. Insufficient cash advance for emergency repairs of motor vehicles
10. Lack of stamps due to increase rate of procured domestic postage
11. Lack of motorcycle for messengerial services
12. Patrol jeep of the security force not in good running condition
13. Negative values/attitudes of staff such as tardiness, inflexibility, pride, envy, arrogance, etc.

### Actions Taken

- \* Hired casuals and worked for casuals' regularization
- \* Staff complementation and overtime work
- \* Imposed service breaks
- \* Integrate request in the equipment procurement program
- \* Requested for Congressional insertion
- \* Prioritized the implementation of programmed projects
- \* Prioritized requests according to importance and need and hired emergency labor
- \* Submitted a proposal to the Office of the President for strengthening ICU
- \* Worked on the bonding of the chief of the transportation and motorpool to increase the amount of cash advance
- \* Increased the number of stamps
- \* Made use of the old motorcycle
- \* Discussed the said problem to appropriate offices
- \* Conducted seminar on values and encourage some to attend Christian Life Program



**Table 7. Comparative Data of ViSCA's Allotments, Expenditures and Balances for CY 1995 and 1996.**

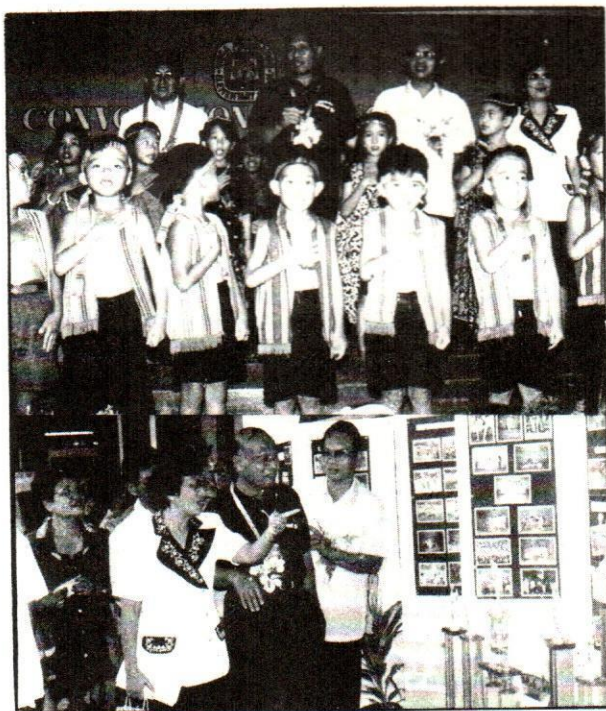
Function	Allotment		Expenditure		Balance	
	1995	1996	1995	1996	1995	1996
<b>A. Instruction Services</b>						
1. Advanced Education	6,160,436.00	7,291,512.00	6,160,436.00	7,291,322.00	0.00	190.00
2. Higher Education	26,102,868.00	41,517,340.00	26,102,868.00	41,517,340.00	0.00	0.00
3. Secondary Education	3,227,980.00	4,491,308.00	3,227,980.00	4,491,308.00	0.00	0.00
<b>B. Research Services</b>	20,262,932.00	20,578,044.00	15,705,268.41	19,031,974.50	4,557,663.59	1,546,069.50
<b>C. Extension Services</b>	3,961,364.00	4,692,480.00	2,199,477.69	3,722,402.75	1,761,886.31	970,077.25
<b>D. Auxiliary Services</b>	4,509,579.00	5,879,900.00	4,509,579.00	5,879,515.88	0.00	384.12
<b>E. Gen. Adm. and Support Services</b>	46,296,254.00	30,630,314.00	46,077,346.04	30,416,478.00	218,907.96	213,836.00
<b>F. Land and Land Improvement Outlay</b>	-	900,000.00	-	-	0.00	900,000.00
<b>G. Building and Structure Outlay</b>	6,307,123.00	5,465,501.00	1,907,347.81	3,430,282.83	4,399,775.19	2,035,218.17
<b>H. Equipment Outlay</b>	500,000.00	1,440,532.00	-	697,310.72	500,000.00	743,221.28
<b>I. Foreign Assisted Projects</b>	3,571,672.00	5,513,000.00	1,383,637.34	2,839,496.49	2,188,034.66	2,673,503.51
<b>Total</b>	<b>120,900,208.00</b>	<b>128,399,931.00</b>	<b>107,273,940.29</b>	<b>119,317,431.17</b>	<b>13,626,267.71</b>	<b>9,082,499.83</b>



## MISCELLANEOUS

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- o Hon. Secretary Salvador M. Enriquez Jr. of the Department of Budget and Management (DBM) served as ViSCA's guest speaker in the 43rd College Commencement Exercises on March 26, 1996. His message was read by DBM Region VIII Director Imelda Laceras due to his inability to attend the occasion.
- o The ViSCA Foundation Elementary School (VFES) operated as a laboratory school starting school year 1996-1997 following an agreement of the Department of Education, Culture and Sports (DECS), ViSCA, and the ViSCA Educational Foundation, Inc. (VEFI). The memorandum of agreement was signed by DECS Secretary Ricardo T. Gloria, ViSCA President Samuel S. Go, and VEFI Chairman Sulpecio C. Bantugan.



**Secretary Gloria witnesses VFES's capability to pursue goals for quality education.**

- o The ViSCA-based National Abaca Research Center (NARC), in collaboration with the Provincial Agriculturist's Office (PAO) and the Fiber Industry Development Authority (FIDA) of Southern Leyte, implemented the project Benchmark Survey on the Status of the Abaca Industry in Southern Leyte. It had an initial funding from the provincial government of Southern Leyte.
- o The Department of Budget and Management (DBM) issued Circular Letter No. 11-96 s. 1996, raising student labor rate from P3.85 to P10.00 per hour effective January 1, 1996.
- o Ms. Rosavilla C. Tan, State Auditor IV, assumed as ViSCA Auditor vice Mr. Arnulfo V. Galenzoga.
- o The Small Islands Agricultural Support Services Programme (SMISLE) of Zone I-Guimaras tapped the assistance of ViSCA experts in strengthening the sweet potato industry in Guimaras Island.
- o The ViSCA-based Regional Coconut Research Center (RCRC) received an initial funding of P200,000 from the Coconut Industry Investment Fund (CIIF) to start the Coconut Seedling Production Project. The project envisioned to produce 16,000 Baybay Tall and Puringkitan coconut seedlings for every six months or a total of 64,000 seedlings in two years.
- o Hon. Congresswoman Maria Clara L. Lobregat, together with the members of the national board of directors of the Philippine Coconut Producers Federation, Inc. (COCOFED), visited ViSCA on June 21,



1996 to renew acquaintances with the College and meet with former COCOFED scholars.

- o The National Crop Protection Center (NCPC) tapped the assistance of ViSCA's Department of Plant Protection in the survey of pests and diseases of cereal and vegetable crops in Hilongos and Ormoc, Leyte.
- o Hon. Secretary William G. Padolina of the Department of Science and Technology commended the Visayas Coordinated Agricultural Research Program (VICARP) for facilitating the implementation of the Abaca Industry Integrated Program (AIIP) in Region 8 in support of the country's vision for Philippines 2000.
- o The College adopted the new official oath of allegiance entitled *Panunumpa ng Katapatan sa Watawat* by virtue of Executive Order No. 343 dated June 12, 1996.
- o ViSCA granted the following special leave benefits to its employees as per Civil Service Commission Memorandum Circular No. 6, s. 1996: birthday leave, paternity leave, wedding/anniversary leave, enrollment leave, graduation leave, accident leave, hospitalization leave, relocation leave, and funeral/mourning leave.
- o The Farmers Field Day in 1996 drew the highest participation of ViSCA's clientele since it started in 1983. More than one thousand farmers, rural women, and out-of-school youth joined the different activities, namely: thanks-giving mass, parade, opening program, farm product showcase and contests, and skills competition/exhibition.
- o Mr. Fernando Gozon of Matalom, Leyte received an *Ugmad Award* as the 1996 Outstanding Farmer during the Farmers Field Day on July 30, 1996. He received a plaque of appreciation and cash prize of P10,000 from Gov. Remedios L. Petilla.



Provincial Board Member Catalina Loreto Go represents Governor Remedios L. Petilla as Farmers' Field Day guest speaker.



PCARRD Executive Director William D. Dar attends the launching of the VICARP Electronic One-Stop Information Shop.



Cebu Governor's wife, Atty. Esperanza F. Garcia graces the opening of the Flower and Garden Show.



- o Hon. Narcisa O. Santos, Assistant Secretary of the Department of Budget and Management, served as ViSCA's 72nd Anniversary speaker on July 31, 1996. Her address was read by Region 8 DBM Director Imelda Laceras.
- o A Battle of Champions singing contest spiced up the anniversary eve on July 30, 1996 at the ViSCA Oval with fifteen singers from Leyte and Cebu competing.
- o The Flower and Garden Show '96 with 17 plant exhibitors from Albuera, Baybay, Ormoc, and Tacloban precluded the anniversary celebration on July 27, 1996. Atty. Esperanza F. Garcia, president of the Cebu Ornamentals Multipurpose Cooperative, Inc. served as the guest of honor.
- o Dr. Paulita M. Mahilum, former head of ViSCA's Department of Home Science and currently working at the University of Hawaii, shared with some ViSCA faculty, staff, and students leadership, institutional development, and job-related insights in a crash seminar series on August 12-13, 1996 at the FARMI Conference Room.
- o Dr. Kate C. Botengan, CHED Commissioner for the Visayas, made a surprise visit to ViSCA in August 1996.
- o The one-month long anniversary celebration of the ViSCA Environmental Awareness Movement (VEAM) concluded its activities with an ecological forum on September 30, 1996 with Dr. Ben Malayang III, Director of the Institute of Environmental Science and Management at UPLB, as the guest speaker.
- o Major Francisco Go, Commander of the 804 CDC, 8RCDG, RESCOM Philippine Army, attended ViSCA's ROTC Annual Presentation of Sponsors as guest speaker.
- o The anniversary celebration of the Department of Arts and Letters featured a Talent Expo which showcased a potpourri of talents of students and a special contribution from the DAL staff.
- o The ViSCA Coordinating Committee on Environmental Protection, Cleanliness, and Safety was created in support of the government's environmental thrusts with Dr. Roberto C. Guarte as chairman.
- o The Philippine Root Crop Research and Training Center (PRCRTC) spearheaded the creation of the Eastern Visayas Camote Support Group (EVCSG) to step up the development of sweet potato industry in view of its promising commercial climate and the manifest demand for increased cultivation of the commodity in Eastern Visayas.
- o The Department of Animal Science and Veterinary Medicine (DASVM) initiated the observance of the National Meat Safety Consciousness Week on October 21-25, 1996 with the theme Clean Meat for Better Life, Let's Work for It, to reeducate the populace on meat safety.
- o ViSCA President, Dr. Samuel S. Go, attended the biennial conference of the Asian Association of Agricultural Colleges and Universities (AAACU) at Seoul, South Korea on October 20-24, 1996.
- o The National Telecommunications Commission (NTC) of Region 8 conducted a seminar on Restricted Land Mobile Radio Telephone Operations on October 5, 1996 which was participated in by 58 handheld radio operators and ViSCA employees.
- o ViSCA conducted a reorientation seminar for drivers on November 14-15, 1996. Dir. Ramon G. Cuyco of the Land Transportation



Office (LTO) in Tacloban talked on Traffic Rules and Regulations, Basic Road Rules, Defensive Driving and International Traffic Signs and Engr. Nerio L. Sawaan of the Technical Education and Skills Development Authority (TESDA) delved into Basic Trouble Shooting and Preventive Maintenance. Other speakers include Ms. B. T. Montes, Ms. L. B. Cano, Dr. A.C.Y. Sandoval and Engr. C. Gumaod, all of ViSCA.

- o The Technical Education and Skills Development Authority (TESDA), in collaboration with ViSCA, sponsored a training on Crop Production, Postproduction Management and Marketing from October 30 to November 15, 1996 to enhance the capability of vocational technology teachers (VocTech) in implementing agricultural trade courses.
- o The ViSCA Environmental Awareness Movement (VEAM) in coordination with the ViSCA-GTZ Applied Tropical Ecology Program sponsored the Annual Christmas Bazaar on December 6-7, 1996 at the ViSCA Social Hall.
- o The ViSCA Laboratory High School Citizen Army Training (CAT-1) Unit conducted the annual presentation of sponsors and escorts on December 6, 1996 with Dr. Oscar B. Posas as speaker. Ms. Ann Roseño J. Armenia was acknowledged the first female Corps Commander.
- o Ms. Carmencita S. Reyes, Guidance Coordinator of the Office of Student Affairs, was elected Vice President for the Visayas in the Philippine Association of Campus Student Advisers during the 17th National Convention Seminar and Workshop on Campus Advising on November 28 to December 1, 1996 at the Senior Mess Hall, Teachers Camp in Baguio City.

- o ViSCA President Samuel S. Go, together with other school administrators and leaders of the Philippine Higher Education, participated in the training conducted by the Center for Higher Education and Professional Development/Asia Pacific Research Institute at Macquire University, Sydney, Australia on November 4-22, 1996.



**ViSCA President Go (seated, 2nd from right) together with other trainees and lecturers at Macquerie University.**

- o During the 72nd ViSCA Anniversary Convocation on July 31, 1996 the following received awards:
  - \* *Congressman Eriberto V. Loreto* of the 5th District of Leyte - **Mt. Pangasugan Award** - for his contribution to the conversion of ViSCA as a state college, inclusion of the College in the Fourth World Bank Education Loan, and his unwavering support especially in the allocation and release of funds for the institution and sponsorship of the bill converting ViSCA into a university.
  - \* Three retired faculty members, namely: *Richard T. Agbisit*, *Tempora V. Pagalan*, and *Camilo D. Villanueva* and a staff of the Physical Plant Office, *Francisco U. Singzon* - **Mt. Pangasugan Award** - for their commitment, steadfastness, and loyalty to public service.



\* *Philippine Coconut Research and Development Foundation (PCRDF) and Cornell University - Sandigan Award -* ViSCA feels indebted to PCRDF for its active support to coconut research and development in the country and its continuing assistance to the College through the granting of professorial chairs to ViSCA staff and its financial support for the ViSCA Macapuno Project, enabling the College to acquire much needed research facilities. It also recognized Cornell University's continuing collaboration in research and extension through the Farming Systems Research and Development Project - Eastern Visayas (FSDP-EV) and the Conservation Farming in the Tropical Upland Project (CFTU).

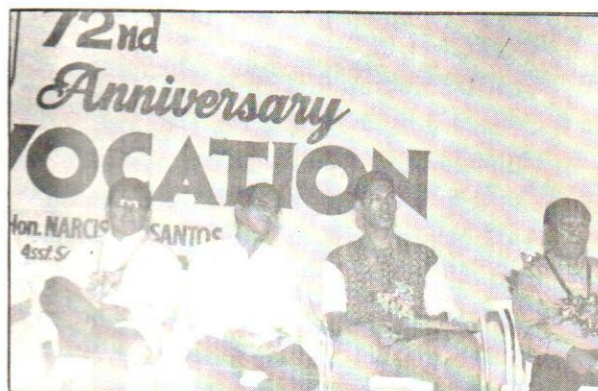
\* Two ViSCA graduates, namely: *Luis E. Salapa, Jr.* and *Alfredo L. Gorre - Entrepreneurship Award* - for exemplifying the ideals and approved practices of agricultural entrepreneurship by organizing and managing successful agribusiness and other ventures which serve as models to ViSCA graduates and for sharing their expertise to students and alumni.

o The following staff received *Exemplary Performance Award: For Teaching - Wilfredo F. Floresca*, for his dedication and outstanding performance as Professor at the Department of Animal Science and Veterinary Medicine; *For Research - Tessie C. Nuñez*, for her dedication and exemplary performance in coconut research especially in the development of self-pollinating and precocious macapuno-bearing genotypes; and *For Extension - Dr. Wolfreda T. Alesna*, for her dedication and exemplary performance in the development and utilization of mass media, especially print, radio, and drama for environmental awareness

campaigns and the dissemination of agricultural information. Administrative staff were also given *Exemplary Performance Awards*, namely: *Dr. Isabel P. Bertulfo, M.D.*, Head of the Health Services Unit of the College (Supervisory Level) and *Anita G. Godoy*, Accounting Clerk of the Accounting Division (Non-Supervisory Level).

o *Dr. Lelita R. Gonzal - Academician of the Year Award* - for her dedication and exemplary performance in teaching, research, and extension, thus serving as model of a well-rounded academician.

o *Rey F. Evangelista*, a PBA player - *Special Achievement Award* - for his outstanding achievement in the field of sports, especially basketball, thus bringing honor to ViSCA.



*The presence of ViSCA alumnus and basketball pro, Mr. Rey Evangelista (second from right) spices up the Anniversary Convocation.*

o Ms. Bonita T. Montes was designated as Spokesperson/Official Representative of the Non-Teaching Staff of the Philippine Association of State Universities and Colleges during the PASUC Mid-Term Conference held on December 11-14, 1996 at DMMMSU, La Union to represent the group's appeal to the PASUC Executive Board and to the Department of Budget and Management re: upgrading of salary/position similar to the scheme used by the faculty. She has been authorized to follow-up and make representation with the DBM, CSC, and other concerned offices.



# LINKAGES

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## A. International

- o Asian Institute of Forest Management (AIFM)
- o Asian Pacific Association of Forestry Research Organization (APAFRO)
- o Australian Centre for International Agricultural Research (ACIAR)
- o Bishop Museum, Honolulu, Hawaii
- o British Museum (Natural History Museum- London)
- o CARE - Philippines
- o Centro Internacional de Agricultura Tropical (CIAT)
- o Centro Internacional de la Papa (CIP)
- o Conservation Farming for Tropical Uplands (CFTU) Program
- o Cornell International Institute for Food Agriculture and Development (CIIFAD)
- o Cornell University (CU)
- o Department of Bioproduction (Okinawa, Japan)
- o Department of Postharvest Science of Fresh Produce (Israel)
- o Deutsche Gessellschaft fur Technische Zusammenarbeit (GTZ)
- o Food Administration Organization (FAO)
- o Forestry Research Support Programme for Asia and the Pacific (FORSPA)
- o International Foundation for Science (IFS)
- o International Institute for Rural Reconstruction (IIRR)
- o International Development Research Centre (IDRC)
- o International Network on Soil Fertility and Sustainable Rice Farming (INSURF)
- o International Rice Research Institute (IRRI)
- o International Institute of Entomology (London)
- o International Tropical Timber Organization (ITTO)
- o International Union of Forestry Research Organization (IUFRO)
- o Japan Society for the Promotion of Science (JSPS)
- o Nitrogen-Fixing Trees Association (RTI)
- o Southeast Asean Research Center for Agriculture and Graduate Studies (SEARCA)
- o The Vetiver Network, USA
- o University of Georgia (UG)
- o University of Reading
- o United States Agency for International Development (USAID)
- o User's Perspective with Agricultural Research and Development (UPWARD)
- o Winrock International (WINROCK)
- o University of Hohenheim, Germany

## B. National/Local

### Government Agencies

- o Animal Product Development Center (APDC)
- o Bureau of National Treasury (BNT)
- o Central Visayas Regional Project (CVRP)
- o Civil Service Commission (CSC)
- o Commission on Higher Education (CHED)
- o Department of Agrarian Reform (DAR)
- o Department of Agriculture (DA)
- o Department of Budget and Management (DBM)
- o Department of Coordinating Council for Leyte and Samar (DCCLS)
- o Department of Education, Culture and Sports (DECS)



- 0 Department of Energy-Nonconventional Energy Division (DOE-NCED)
- 0 Department of Environment and Natural Resources (DENR)
- 0 Department of Labor and Employment (DOLE)
- 0 Department of Local Government (DILG)
- 0 Department of Health (DOH)
- 0 Department of Social Welfare and Development (DSWD)
- 0 Department of Trade and Industry (DTI)
- 0 Department of Science and Technology (DOST)
- 0 Ecosystem Research and Development Bureau (ERDB)
- 0 Educational Development Program Implementing Task Force (EDPITAF)
- 0 Environment Management Bureau (EMB)
- 0 Fiber and Development Authority (FIDA)
- 0 Food and Agriculture Organization of the United Nation (FAO)
- 0 Forestry Fuelwood Research and Development (F/FRED)
- 0 Forest Management Bureau (FMB)
- 0 Government Service Insurance System (GSIS)
- 0 Home Mutual Development Fund (HMDF)
- 0 Internal Service for National Agricultural Research (ISNAR)
- 0 Institute of Plant Breeding (IPB)
- 0 Land Bank of the Philippines (LBP)
- 0 Land Transportation Office (LTO)
- 0 Museum of Natural History (UPPLB)
- 0 National Economic Development Authority (NEDA)
- 0 National Academy for Science and Technology (NAST)
- 0 National Irrigation Administration (NIA)
- 0 National Postharvest Institute for Research and Extension (NAPHIRE)
- 0 National Telecommunications Commission (NTC)
- 0 Natural Resources Institute-Southeast Asian Program for Potato Research and Development (NRI-SAPPRAD)
- 0 New Zealand Embassy (NZE)
- 0 Philippine Animal Health Center (PAHEC)
- 0 Philippine Coconut Authority (PCA)
- 0 Philippine Association of State Universities and Colleges (PASUC)
- 0 Philippine Council for Agriculture, Forestry and Natural Resources Research and Development (PCARRD)

- 0 Philippine Council for Industry and Energy Research and Development (PCIERD)
- 0 Philippine State Universities and Colleges Computer Education System (PSUCCES)
- 0 Philippine Partnership for the Development of Human Resources in Rural Areas (PHILDHARRA)
- 0 Philippine Council for Agriculture, Forestry and Natural Resources and Development (PCARRD)
- 0 Philippine National Police (PNP) - Baybay
- 0 Philippine National Oil Company (PNOC)
- 0 Philippine Rice Research Institute (PhilRice)
- 0 Philippine Seedboard (PSB)
- 0 Postharvest Horticulture Training and Research Center (PHHTRC-UPLB)
- 0 Provincial governments of Leyte, So. Leyte, and Biliran
- 0 Provincial Prosecutor' Office - Baybay
- 0 Technical Education and Skills Development Authority (TESDA)
- 0 University of the Philippines at Los Baños

## Non-Government

- 0 Allied Bank - Baybay Branch
- 0 AIFAMUCO
- 0 Bombo Radyo (Tacloban City)
- 0 DYAB (ABS-CBN) (Cebu City)
- 0 Eastern Visayas Telephone Company (EVTELCO)
- 0 Leyte Electric Cooperative (LEYECO IV)
- 0 Coconut Industry Investment Fund (CIIF)
- 0 Island Reporter (Ormoc City)
- 0 Leyte-Samar Weekly (Tacloban City)
- 0 Ormoc Observer (Ormoc City)
- 0 Philippine National Bank - Baybay Branch
- 0 Rural Bank of Kananga
- 0 RCPI
- 0 Sun-Star Daily (Cebu City)
- 0 Small Islands Agricultural Support Services Programme (SMISLE)
- 0 SAMIDECO
- 0 TAMBULI
- 0 The Freeman (Cebu City)
- 0 Tacloban Star (Tacloban City)
- 0 Western Leyte Foundation for Agro-Rural Entities, Inc. (WELFARE)



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*Phil. Root Crop Research & Trng. Center*

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*Regional Coconut Research Center*

**DR. OSCAR B. POSAS**

*Philippine Carabao Center at ViSCA*

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**DR. SULPECIO C. BANTUGAN**

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*Home Science*

**DR. RODOLFO A. PANINGBATAN**

*Plant Protection*

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*Ag. Economics & Agribusiness*

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**DR. OTHELLO B. CAPUNO**

*Plant Breeding & Ag. Botany*

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*Development Communication*

**DR. JIMMY R. ROSILLO**

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**DR. ERNESTO C. BUMATAY**

*Forestry*

**PROF. ELESIO P. PASTRANO**

*Physical Education*

**DR. ALICIA S. GO**

*Arts & Letters*

**DR. MISAEL T. DIPUTADO, JR.**

*Horticulture*



The 1996 ViSCA Annual Report is published by the Planning and Development Office in cooperation with the Public Information and Community Relations Office and various offices, departments, centers/institutes of the College.

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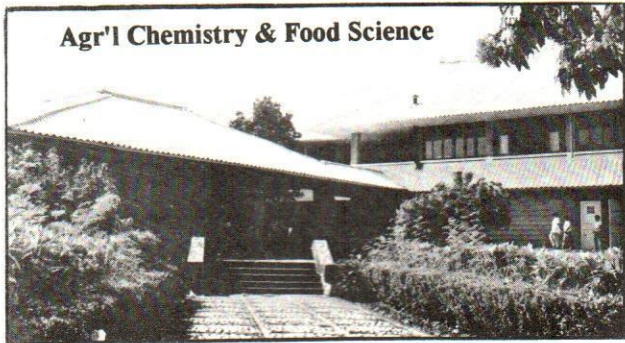
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**Onofre M. Betonio Jr.**  
**El-Troubador M. Escabal**  
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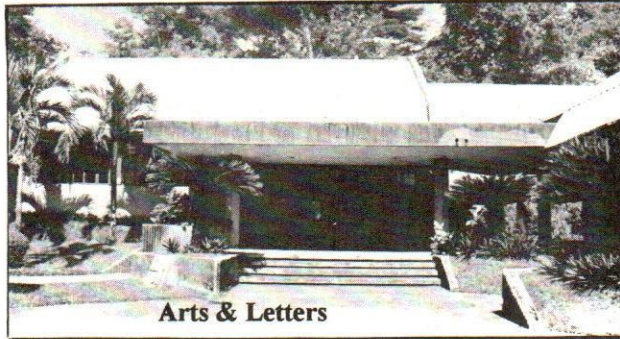


# ViSCA's Academic Departments

**Agr'l Chemistry & Food Science**



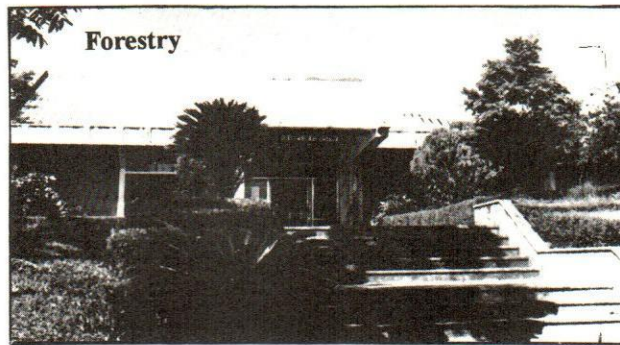
**Arts & Letters**



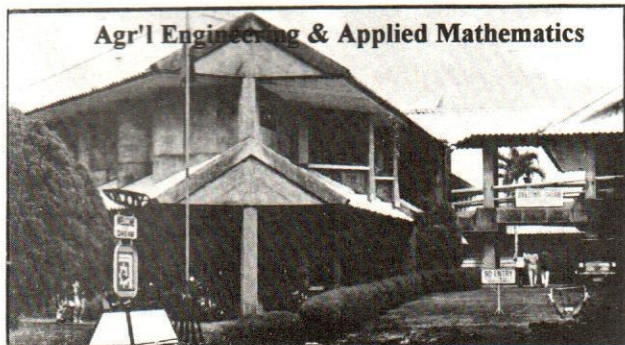
**Agr'l Economics & Business, Agr'l Education  
& Extension & Dev. Communication**



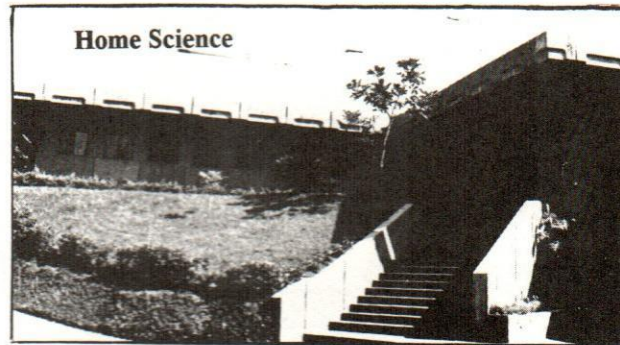
**Forestry**



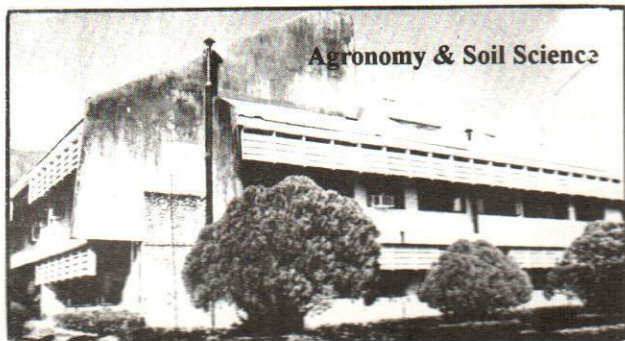
**Agr'l Engineering & Applied Mathematics**



**Home Science**



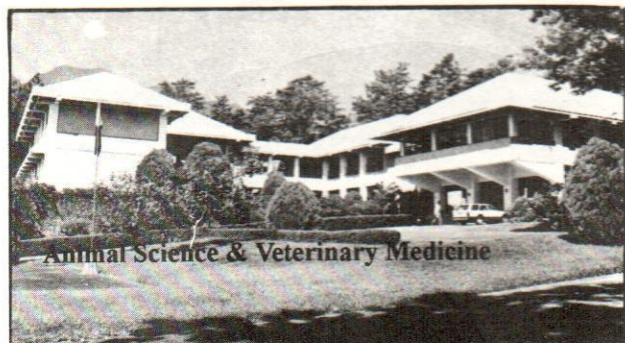
**Agronomy & Soil Science**



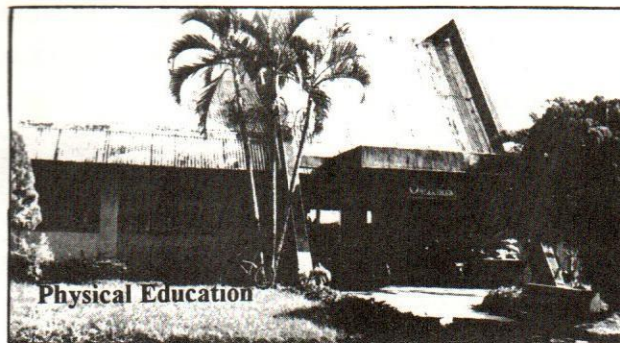
**Horticulture**



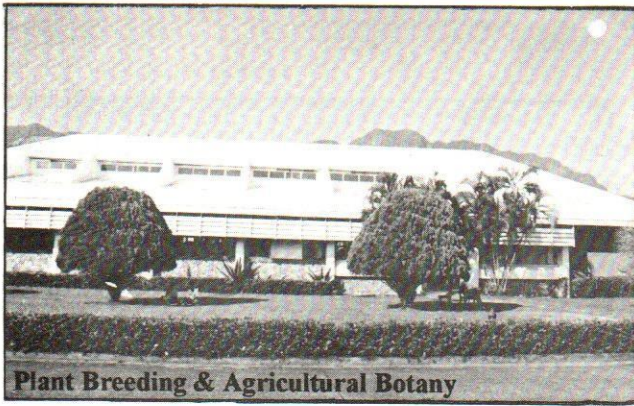
**Animal Science & Veterinary Medicine**



**Physical Education**





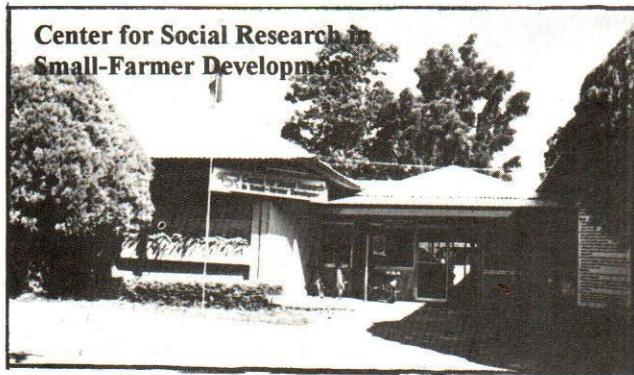


**Plant Breeding & Agricultural Botany**

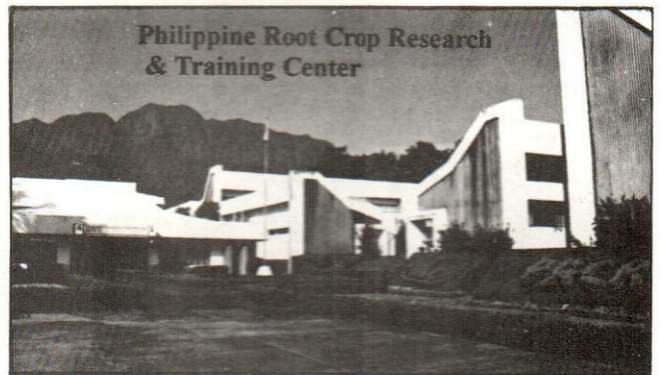


**Plant Protection**

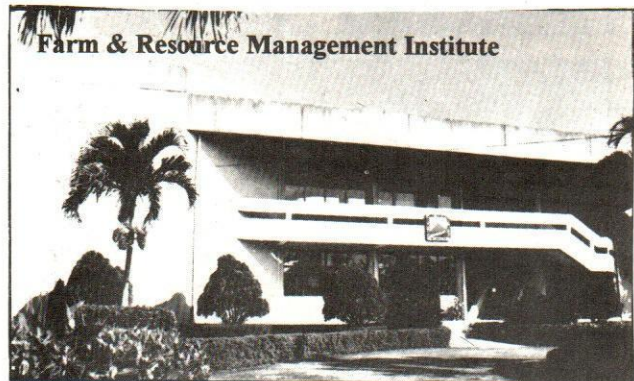
## ViSCA's Research Centers



**Center for Social Research in Small-Farmer Development**



**Philippine Root Crop Research & Training Center**

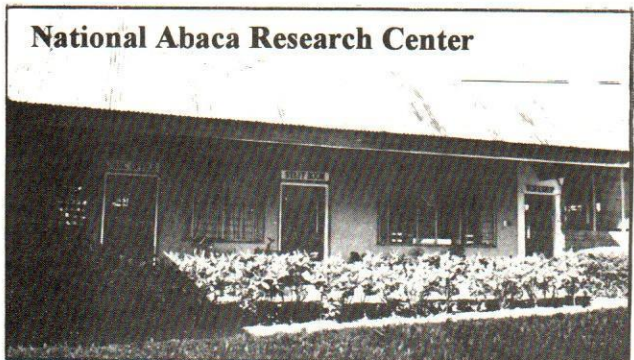


**Farm & Resource Management Institute**



**PHILIPPINE CARABAO CENTER**

**Philippine Carabao Center**



**National Abaca Research Center**



**Regional Coconut Research Center**





**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.*



