

# **VISAYAS STATE COLLEGE OF AGRICULTURE**

**BAYBAY, LEYTE, PHILIPPINES**

***"Moving Towards Excellence  
in Instruction, Research and  
Extension for Agricultural  
and Rural Development"***



**1999  
ANNUAL REPORT**



# FOREWORD




Another year has been completed in ViSCA's fruitful existence as a government arm for countryside development. For the most part, the year 1999 marked a milestone in ViSCA's academic life. During this time, the College celebrated its 75<sup>th</sup> founding anniversary which enabled its constituency to reflect on its past accomplishments and commit to greater challenges ahead. The change in administrative leadership also provided the constituency new expectations for further institutional growth.

Undoubtedly, ViSCA did its best to fulfill its developmental objectives, as manifested by the awards and commendations it received, the support obtained from various agencies for its programs, the physical transformation of its campus, and the performance of its graduates in the different professional licensure examinations and in their respective professions.

ViSCA's successes are products of individual and concerted efforts of the faculty, staff, and students who have internalized the principle of doing their best in their academic endeavors. Such triumphs would not have been realized without the unceasing support of the government and the different local and foreign agencies to its programs.

The College likewise experienced great challenges which it nonetheless welcomed as hallmarks of a continuously growing institution.

Fortified by its past experiences, ViSCA resolves to move onward with renewed hope, dynamism, and enthusiasm to achieve more for its clientele and the country as a whole.

  
PACIENCIA P. MILAN  
*President*



# CONTENTS

Highlights	1
Instruction	9
Research and Development	19
Extension	25
Auxiliary Services	33
General Administration	37
Notables	43
Linkages	47
Officers of ViSCA	53
Heads of ViSCA Campuses	54
Administrative Council	55
Board of Trustees	56

## **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.*

## **Katuyoan**

*Pagpalambo sa kahimtang sa katawhan sa Kabisayaan, labi na ang mga kabus ug timawa, pinaagi sa epektibong pagtudlo, pagduki-duki, ug pagpaambit sa mga nakab-ot nga kalamboan sa agrikultura.*



# HIGHLIGHTS

ViSCA's colorful experience in 1999 was marked by laudable accomplishments and achievements, as well as difficult yet educational challenges. The prestige that the College gained came as a result of hardwork, perseverance, and unflagging zeal to achieve excellence in all academic pursuits.



*CHED Commissioner Kate C. Botengan (left) happily walks with ViSCA President Paciencia P. Milan after the solemn installation of the latter to her office.*



## Awards and Achievements

The following are the major achievements of the College and its faculty, staff, and students:

### *Institution*

- ❖ Dr. Paciencia P. Milan of the Department of Plant Protection and Program Director of the ViSCA-GTZ Ecology Program bested two other presidential nominees of the Search Committee and was appointed as the fourth President of ViSCA for a term of four years, from October 1, 1999 to September 30, 2003, by the ViSCA Board of Trustees per Board Resolution No. 52, s. 1999. The formal inauguration and installation of the first lady-president, yet the first *Baybayanon* to lead the College was held at the ViSCA Gymnasium on December 3.
- ❖ Eighteen (18) or 100% passed and four ViSCA graduates ranked top ten in the September 1999 Agricultural Engineers Licensure Examination. The top placers were Imelida C. Genson, first place; Greg M. Cubio, third place; Jeremy P. Mondejar, seventh place; and Alwin Y. Laurente, tenth place. The national passing percentage was 55%. ViSCA was given a plaque of recognition for its feat by the Philippine Society of Agricultural Engineers (PSAE).
- ❖ Eight (8) or 80% of the Doctor of Veterinary Medicine (DVM) graduates passed the DVM Licensure Examination held on August 17-19 with a national passing percentage of 50.1%.
- ❖ Thirty-three (33) or 75% of the Bachelor of Science in Forestry (BSF) graduates passed the Foresters' Licensure Examination held on June 22-24 with a national passing percentage of 43.8%.
- ❖ 41 BS in Agricultural Education and 27 BS in Home Economics graduates passed the Licensure Examination for Teachers held on August 29 with an institutional passing percentage of 67.21% for BSAgEd and 50% for BSHE.
- ❖ Mr. Stephen C. Temporada, a BS in Development Communication graduate, ranked top 10 in the 1999 Civil Service First Grade Examination.
- ❖ 90 or 100% ViSCA Laboratory High School (VLHS) senior students passed the National Secondary Achievement Test (NSAT).
- ❖ The College earned the distinction as the Fourth Best Forestry School in the country.
- ❖ The ViSCA-BIDANI Credit Foundation (ViSCA-BCF) was given recognition as model BCF for its remarkable services and operations worthy of emulation by other partners in the BIDANI network.

### *Faculty and Staff*

- ❖ Dr. Victor B. Asio of the Department of Agronomy and Soil Science (DASS) was awarded as Outstanding Alumnus in the Field of Agriculture and Technology by the Eastern Samar State College (ESSC), Borongan, Eastern Samar on May 18. He also served as a visiting scientist to the Martin Luther University, Halle, Germany courtesy of the German Academic Exchange Service -Visiting Scientist Scholarship Award from May 1 to June 30, 1999.



- ❖ Dr. Antonio L. Acedo, Jr. of the Department of Horticulture was awarded as Outstanding Alumni-Professor in Horticulture by the UPLB-Department of Horticulture on June 26, "for his exemplary performance as a teacher and for his significant contribution in upgrading instructional and research facilities thereby strengthening the capability of his institution to offer graduate programs." He also received an Award of Recognition as adviser of the VFES research project which won first place in the National Intel-Philippine Science Fair at UP Diliman on March 12.
- ❖ The following faculty of the Department of Plant Protection (DPP) also received awards:
  - Dr. Ruben M. Gapasin - PPS G.O.Ocfemia Award - "in recognition of his great contribution to the advancement of the Science of Plant Pathology especially in the field of nematology;" and the Best Poster Award from the Philippine Phytopathological Society, Inc. (PPSS) on May 6.
  - Dr. Manuel K. Palomar - Achievement Award - "in recognition of his invaluable contribution to crop protection research which led to a deeper understanding of the science and management of root crop diseases" from the Crop Science Society of the Philippines (CSSP) on May 15 and together with Mses. Elsie E. Salamat, Victoria G. Palermo, and Gina M. Eduvise - Bronze Award for Outstanding Basic Research during the 11<sup>th</sup> Regional R&D Symposium on September 9-11.
  - Dr. Lualhati M. Noriel - Plaque of Merit, the fifth she has received from the organization, as adviser of the PMCP Best Undergraduate Thesis in Weed Science from the Weed Science Society of the Philippines (WSSP) on May 6.
- Dr. Lina T. Villacarlos - Best Poster Award from the Philippine Society of Microbiology on May 13.
- Ms. Senona A. Cesar - Best Poster Award from the Federation of Institutions of Marine and Freshwater Sciences on October 21.
- ❖ Dr. Jose L. Bacusmo of the Philippine Root Crop Research and Training Center (PRCRTC) was chosen as Outstanding Agricultural Scientist in Region 8 (*GAWAD SAKA* Achiever Search) "for his contribution in the field of agricultural research for root crops industry in Eastern Visayas," by the Regional Agricultural and Fishery Council (RAFC) on May 3,
- ❖ Dr. Anabelle B. Tulin and Dr. Jose R. Pardales Jr., also of PRCRTC together with Dr. Victor B. Asio of DASS received Bronze Awards for Outstanding Basic Research during the 11<sup>th</sup> Regional R&D Symposium in Tacloban City on September 9-11.
- ❖ Dr. Lutgarda S. Palomar of the Department of Agricultural Chemistry and Food Science (DAC-FS) earned the Most Distinguished Alumnus award from the UPLB-College of Human Ecology on October 10. She also received a bronze award for a joint project with a DA staff during the DA-Region 8 In-House Review in Balinsayao, Abuyog, Leyte on June 10-11.
- ❖ Dr. Felix J. Amestoso also of DAC-FS was given an Award of Recognition for having won the Best Graduate Paper during the 38<sup>th</sup> Annual Convention of the Philippine Association of Food Technologists in Manila on November 15-17.
- ❖ Dr. Wolfreda T. Alesna, Head of the Department of Development Communication (DDC) and coordinator of the Visayas Consortium for Agriculture and Resources Program – Research Management Information System (VICARP-RMIS), obtained a copyright certificate of the first



VICARP TeknoPinoy compact disc (CD) of popularized R&D information from the National Library on September 9.

- ❖ Dr. Monina M. Escalada also of DDC received a Certificate of Recognition as senior author and co-author of articles published in refereed journals from the International Rice Research Institute (IRRI) on December 10.
- ❖ Prof. Marita I. Galinato of the Department of Plant Breeding and Agricultural Botany (DPBAB) earned recognition as senior author of the book entitled "Upland Rice Weeds of South and Southeast Asia" which was published by the International Rice Research Institute (IRRI) and released in August 1999.
- ❖ Prof. Josefina Q. Subere of the ViSCA Laboratory High School (VLHS) received a *Sertipiko ng Rekognisyon* (Certificate of Recognition) as member of the group who won first prize in the *Kontest sa Pagbuo ng Eksamen sa Antas Sekundarya*. (Contest on Test Construction for High School Students) at the *Tanghalang William Shaw, Pamantasang De La Salle* on April 28.
- ❖ Ms. Lilibeth G. Miralles, instructor of the ViSCA-Alangalang Campus (Leyte State School of Agriculture), received the 1999 Outstanding Teacher Award given by the CHED-LGU of Alangalang, Leyte.
- ❖ Prof. Thelma C. Zafra received an Exemplary Achievement Award for Filipino Culture from the Socio-Cultural Affairs Committee of ViSCA on September 6.
- ❖ Four faculty and nine staff members received awards for their outstanding work performances during the 75<sup>th</sup> ViSCA Anniversary Convocation held on July 31:

- *Academician of the Year*  
Dr. Paciencia P. Milan
- *Exemplary Performance in Teaching*  
Prof. Thelma C. Zafra
- *Exemplary Performance in Research*  
Dr. Jose L. Bacusmo
- *Exemplary Performance in Extension*  
Prof. Editha G. Cagasan
- *Exemplary Non-Academic Performance (Supervisory Level)*  
Ms. Linda N. Mariscal  
Engr. Sean O. Villagonzalo
- *Exemplary Non-Academic Performance (Non-Supervisory Level, Regular)*  
Ms. Lourdes C. Managbanag  
Ms. Julieta P. Laguna  
Ms. Carmencita S. Reyes  
Mr. Arnulfo T. Galenzoga  
Mr. Narciso P. Mazo
- *Exemplary Non-Academic Performance (Non-Supervisory Level, Casual)*  
Ms. Eva S. Subere and  
Mr. Bertulfo M. Gumba

- ❖ Ms. Bonita T. Montes of the Office of the Vice-President for Administration who is the current president of the ViSCA Administrative Personnel Association (VAPA), was appointed chairperson of the Committee on Education and Research and spokesperson of the National Federation of Administrative Personnel for State Colleges and Universities, Inc. (NFAPSCU) of PASUC on June 17. She was also chosen regional coordinator of the Confederation of Government Employees Organization, Inc. (COGEO) on November 5, and accredited as Civil Service Commission (CSC) SCD Trainer on October 7.



## Students and Alumni

- ❖ Ms. Mylene M. Po and Lina L. Manacpo, BS in Agriculture graduates with majors in Entomology and Weed Science, received the Best Undergraduate Thesis in Entomology and Weed Science, respectively, from the Philippine Association of Entomologists, and the Weed Science Society of the Philippines on May 6.
- ❖ During the 1999 athletic meet of the Region 8 State Colleges and Universities Athletic Association (SCUAA) held at the Eastern Samar State College (ESSC), Borongan, Eastern Samar on October 18-22, ViSCA bagged six gold, four silver, and six bronze medals in different athletic events.
- ❖ Ms. Mariejet C. Emnace, ViSCA delegation muse, won the most coveted title of Miss SCUAA 1999 and three special awards for Best in Gown, Best in Swimsuit, and Best in Native Attire.
- ❖ ViSCA college students, Ritchie Nuevo, Rose Imee Shella Amar, Pia Fleur Noriel, Jeffrey Llyod Cagande, and Richelle Ybañez, got first place in the 1999 Inter-College Quiz Show held at the ViSCA-Tolosa Campus (Leyte State School of Fisheries) in Tolosa, Leyte.
- ❖ Ms. Ruby Ann O. Escasinas ranked third place in the Chemistry Olympiad sponsored by the Philippine Organization of Science and Technology Educators (POSTE)-R8 held in Palo, Leyte on September 15-16.
- ❖ BS Dev. Com. students, Reynaldo Soliveres and Pearl Hope Lalaan got first place in Pagemaker Lay-outing and fifth place in Feature Writing (Filipino) respectively, while Oscar Y. Tañola of the ViSCA-Alangalang Campus (LSSA) won second place in Newswriting (English) at the 1999 Regional Tertiary Schools Press Conference held at the ViSCA-Tolosa Campus (Leyte State School of Fisheries) in Tolosa, Leyte on October 13-15.
- ❖ BS Statistics students, Daisy Olleras, Jonathan Perez, and Stephen Ecleo, emerged first place in the Philippine Statistics Quiz-Provincial Level held at ViSCA on November 11, while Jonathan Perez got third place in the Philippine Statistics Quiz-Regional Final Competition held in Tacloban City on November 17.
- ❖ VLHS continued winning various off-campus awards which demonstrates the quality of instruction they receive from the school. Junior students, Carmille Joanna C. Bales and Jayfred Gaham V. Godoy copped first place in Feature Writing (English) and Photo-journalism (Filipino), respectively, at the Secondary Schools Press Conference- Division Level held in ViSCA on September 27-28. Senior student, Em Parac, won third place in Copy Reading at the Regional Secondary Schools Press Conference held in Basey, Eastern Samar on October 16-17. VLHS volleyball team emerged as champion in the Inter-School Volleyball Tournament held in Baybay, Leyte on November 21-December 9, and the *Sepak Takraw* team grabbed third place in the Open *Sepak Takraw* Tournament held in Hilongos, Leyte on December 22. Moreover, the VLHS Drum and Bugle Corps got third place in the Drum and Bugle Corps Competition held in Baybay, Leyte on December 26.
- ❖ Three ViSCA alumni won awards in their respective fields of specialization: Dr. Rex N. Bernardo - Outstanding Young Scientist given by the Crop Science Society of America; and Engr. Arthur I. Tambong - Best Paper and PSAE Fellow, and Mr. Gregorio M. Cubio - Best Thesis given during the 49<sup>th</sup> Philippine Society of Agricultural Engineers (PSAE) Annual National Convention held in General Santos City on April 26-30.



## Changes and Challenges

Integrative growth, multicampus expansion, and unity towards the fulfillment of mandated goals characterize the following changes and innovations.

- ❖ Pursuant to the provisions of Republic Acts (RAs) 7722, 8292, and 8745, four CHED-Supervised Institutions (CSIs) in Leyte, namely: Leyte State School of Agriculture (LSSA), Alangalang; Leyte National College of Agriculture, Science, and Technology (LNCAT), Villaba; Isabel National Agricultural and Vocational School (INAVS), Isabel; and Leyte State School of Fisheries (LSSF), Tolosa; and one in Biliran: Biliran National Agricultural College (BNAC) were integrated with ViSCA. The integration of the schools is geared towards the promotion of quality education, rationalization of tertiary education, and maximization of resources.
- ❖ The ViSCA System member-institutions agreed to label the College as the ViSCA Main Campus and the external campuses as ViSCA-Alangalang, ViSCA-Biliran, ViSCA-Isabel, ViSCA-Tolosa, and ViSCA-Villaba.
- ❖ ViSCA underwent a First Re-Survey Visit by the Accrediting Agency of Chartered Colleges and Universities of the Philippines, Inc. (AACCUP) on March 2-5 in line with its application for a Level III accreditation of its agriculture and graduate programs by the AACCUP.
- ❖ A congressional team led by the Honorable Dante V. Liban, Chairman of the Committee on Higher and Technical Education (CHTE) of the House of Representatives represented by Congressman Jurdin Jesus M. Romualdo and proponent Leyte 5<sup>th</sup> District Congresswoman, Honorable Ma. Catalina Loreto-Go, conducted a public hearing and ocular inspection of ViSCA on December 17 as required in House Bill No. 4618 in view of its application to become a university.
- ❖ A three-day Collegewide Ten-Year Development Planning-Workshop was held on January 13-15 to come up with a comprehensive institutional long-range development plan with emphasis on ViSCA's conversion into a university.
- ❖ The Institute of Tropical Ecology (ITE) held a conference-workshop on August 19-20 to organize and operationalize ITE based on its vision, mission, thrusts, objectives, and priority programs.
- ❖ ViSCA signed a memorandum of agreement (MOA) with the following institutions:
  - University of Hohenheim, Germany - For exchange of professors, research scientists, and master's and doctoral students; development and implementation of collaborative research and extension projects of mutual interest and exchange of scientific material, publications, and information; and organization of joint academic-scientific activities such as courses, lectures, conferences, symposia, and other similar activities.
  - EURONATUR (Foundation of European Natural Heritage) in Germany - For collaborative researches in small islands development and rainforestation farming.
  - University of the Philippines at Los Baños-Institute of Chemistry – On adoption of the Department of Agricultural Chemistry and Food Science (DAC-FS) under the CHED's "Adopt-A-School" program enacted in September 1999.



- ❖ The VICARP-RTU, with Dr. Wolfreda T. Alesna as coordinator, was identified by PCARRD as training coordinator for the Visayas and Mindanao for all FITS/FSB-funded trainings on April 1999.
- ❖ The College Library linked up with the Knowledge Network (KNet) on databases on institutions, researchers, projects and bibliographic information particularly on food and agricultural policy, rehabilitation of degraded resource systems, agro-industry and agribusiness, environment-friendly agriculture, higher education in agriculture, and coastal zone management with support from the SEAMO-Regional Center for Graduate Study and Research in Agriculture (SEARCA).
- ❖ An electric-controlled chime was installed at the ViSCA Obelisk in May to synchronize the time of the whole ViSCA constituency.
- ❖ ViSCA hosted international, national, regional, and local seminar-workshops as follows:
  - “National Seminar-Workshop on Curriculum Revision for the Integration of Sustainable Agriculture Concepts” sponsored by the SEAMO-Regional Center for Graduate Study and Research in Agriculture (SEARCA) and the Association of Colleges of Agriculture in the Philippines (ACAP) on May 26-30.
  - “7<sup>th</sup> International Seminar and Workshop on Tropical Ecology” hosted by ViSCA in collaboration with the University of Hohenheim in Germany on August 29-September 5.
- “Leyte Association of Barangay Health Workers (LA-BHW) Second Congress” sponsored by the Provincial Government on November 12.
- “Conference-Workshop of Member Institutions Under the ViSCA System” hosted by ViSCA and the four CHED-Supervised Institutions on November 5.
- ❖ ViSCA's July 30-31, 1999 Diamond Jubilee Celebration featured the following activities: National Root Crop Food Festival sponsored by PRCRTC; Horse Slalom of the Department of Animal Science and Veterinary Medicine (DASVM); Mountain Bike Challenge of the Department of Physical Education (DPE); Playground Demonstration by the faculty, staff, and students; Talent Showdown of the Catholic Youth United for Truth (CYUT); Carnival Fair; Basketball/Volleyball Tournament/Exhibition; Grand Alumni Homecoming; Flower and Garden Show; Farmers' Field Day; Invitational Rodeo; and Quest for Miss ViSCA Diamond Jubilee Queen.





*Philippine Vice President Gloria Macapagal-Arroyo left a remembrance of her short stint at ViSCA by planting a tree in front of the College Gymnatorium.*

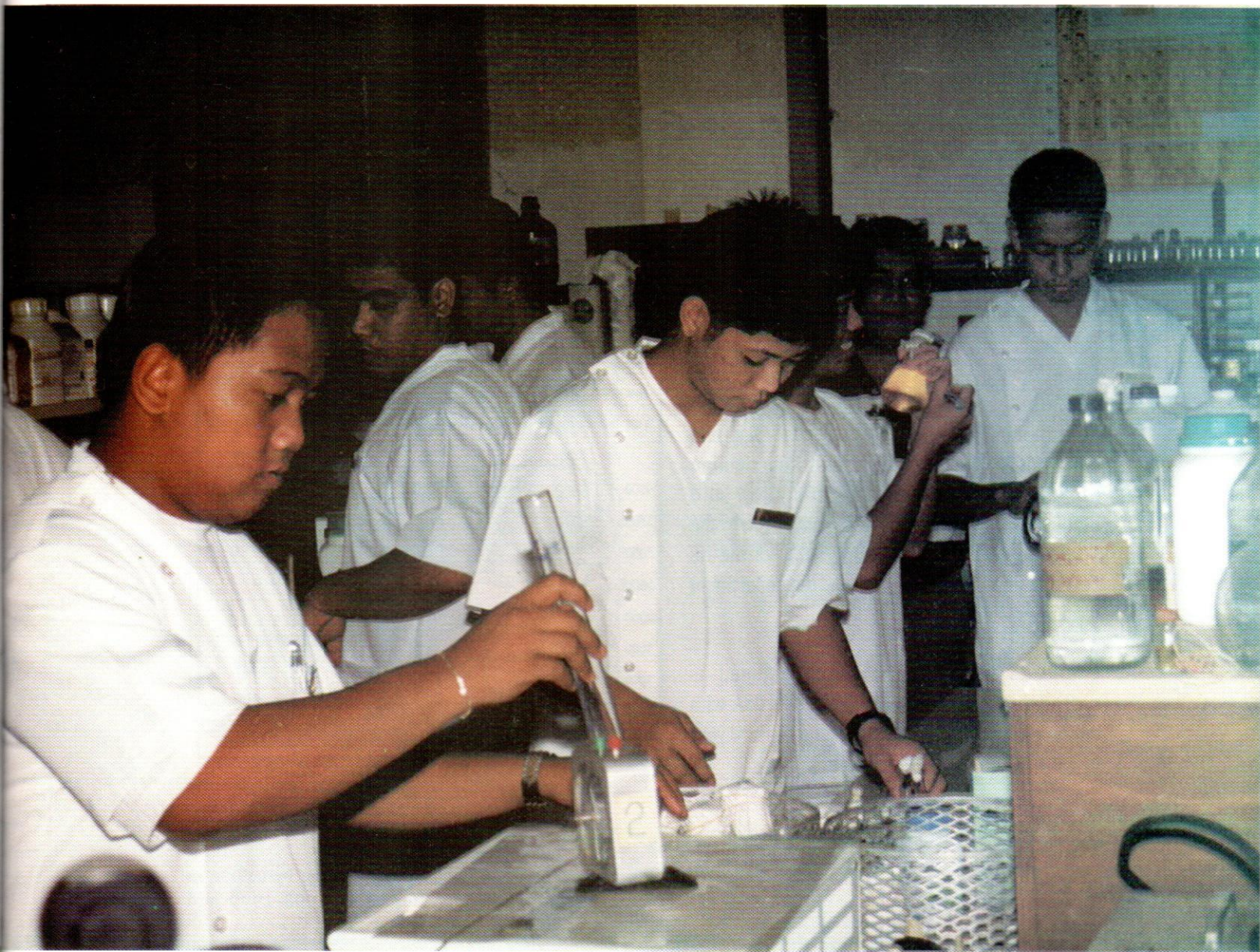


*In behalf of Hon. Dante V. Liban, Chairman of the Committee on Higher and Technical Education of the House of Representatives, Congressman Jurdin Jesus M. Romualdo presided over the public hearing on ViSCA's conversion into a university. Sponsor of the bill is Congresswoman Maria Catalina Loreto-Go of the Fifth District of Leyte.*



# INSTRUCTION

The studentry played an active involvement in ensuring instructional quality and dynamism.





## CURRICULUM DEVELOPMENT

### Graduate Program

- ❖ The ViSCA Open University (VOU) started offering a semestral graduate distance education program in the Master of Agricultural Development (MAgDev) in the First Semester, SY 1999-2000.
- ❖ ViSCA continued offering the CHED Massive Upgrading Program for Master of Education (MEd) in Chemistry, Mathematics, Physics, Biology, Social Sciences, and Physical Education.
- ❖ The proposals to offer MS in Agricultural Engineering and Forestry was prepared for Academic Council deliberation and Board of Trustees approval.

### Undergraduate Program

- ❖ The following curricular proposals were acted upon: a) revisions of the BS in Agricultural Chemistry and BS in Agricultural Engineering curricula - approved by the College Curriculum Committee and to be presented to the Academic Council; b) new BS in Development Communication (Dev. Com.) major in Educational Communication Technology, and enrichment of the BS Dev. Com. curriculum through the integration of computer and multimedia production courses - approved by the Academic Council; and c) upgrading of the BS Forestry curriculum - approved at the department level.
- ❖ The ViSCA - Alangalang Campus, pursued its second year of implementation of the BSA with major in Agricultural Education and its third year of the revised DAT-BAT program.

### Secondary Program

- ❖ The revised Agricultural Science Curriculum - Scheme I, with more emphasis on Mathematics and Sciences was prepared for Academic Council deliberation.

## ENROLMENT PROFILE

- ❖ The overall College enrolment for the First Semester of School Year 1999-2000 increased by 2.1 % (Figure 1).
- ❖ The total undergraduate enrolment as shown in Table 1, increased from 3,806 to 3,946 (3.7%) taken from DVM, 28 to 35 (25%); BSAGEd, 835 to 1,004 (20.2%); BSAC, 52 to 60 (15.4 %); and the non-degree program 78 to 95 (21.8 %).

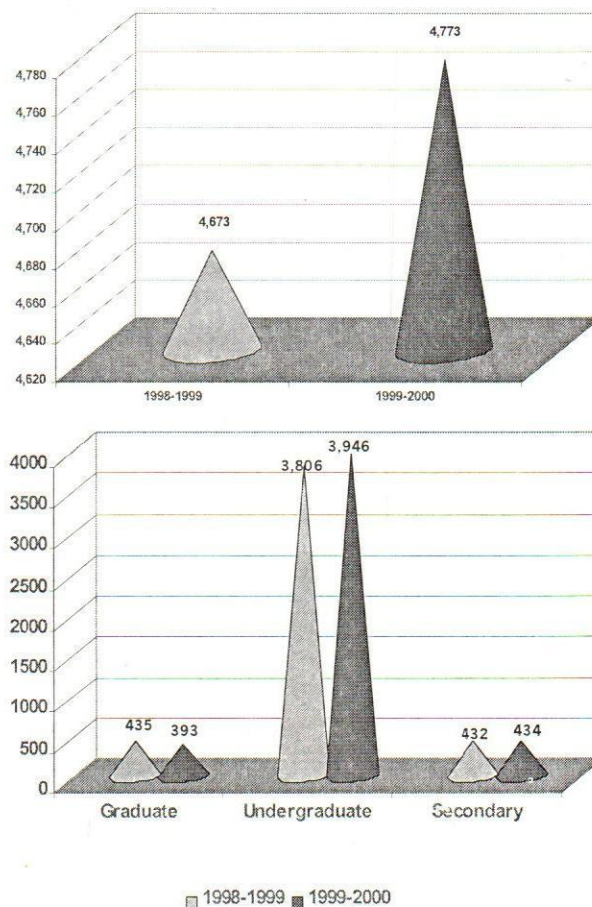


Figure 1. Total enrolment of the College by course in the First Semester of SY 1998-1999 and SY 1999-2000.



## SCHOLASTIC PERFORMANCE

**Table 1. Number of enrollees by degree,  
First Semester, SY 1998-1999  
and SY 1999-2000.**

COURSE	SCHOOL YEAR	
	1998-1999	1999-2000
<b>GRADUATE</b>		
<i>On-Campus</i>		
Ph.D.	29	29
M.S.	97	143
M.Ag.Dev.	19	13
M.Education	127	34
<i>Sub-Total</i>	272	219
<i>Extramural</i>		
MAGDev.	163	174
<b>UNDERGRADUATE</b>		
<i>Degree</i>		
DVM	28	35
BSAC	52	60
BSS	99	99
BSAGDEV	132	109
BSFT	125	119
BSDC	130	135
BSAE	180	172
BSF	354	298
BSAB	454	445
BSHE	437	453
BSA	447	454
BAS	455	468
BSAGED	835	1,004
<i>Sub-Total</i>	3,728	3,851
<i>Non-Degree</i>		
HET	78	95
<b>Grand Total</b>	<b>4,695</b>	<b>4,773</b>

### Graduate Program

- ❖ Fifty-two (13.4%) graduate students enjoyed scholarship and assistantship/grant in: SPREAD, 21 (40.4%); ViSCA Research and Teaching assistantships, 18 (34.6%); ViSCA-CHED, 6 (11.5%); CHED-FAPE, 3 (5.7%); FIDA, 2 (3.8%); and CSC-LSP, 2 (3.8%).
- ❖ Thirty-two graduate students - 1 Ph.D., 16 MS, and 15 MAGDev - graduated during the 47<sup>th</sup> Collegiate Commencement Exercises.

### Undergraduate Program

- ❖ 511 undergraduate students enjoyed scholarships/grants, as follows: ViSCA scholarships, 154 (30 %); ViSCA grants-in-aid, 316 (62 %), and from other agencies, 41 (8 %) (Table 2).
- ❖ A total of 456 college students were confirmed as graduates from their respective courses during the 47<sup>th</sup> Collegiate Commencement Exercises. This included 84 BAS, 77 BSA, 66 BSAB, 2 BSAC, 23 BSAGDev, 69 BSAGEd, 12 BSDC, 7 BSAE, 41 BSF, 18 BSFT, 42 BSHE, 9 BSS, 6 DVM and 6 HET. Eleven graduated as *cum laude*.

### Secondary Education Program

- ❖ 171 high school students were recipients of scholarships: Full scholar, 13 (7.6 %); Partial scholar, 124 (72.5 %); and Honorific scholar, 34 (19.9 %).
- ❖ 117 senior high school students graduated during the 70<sup>th</sup> VLHS Commencement Exercises. Two graduated "With High Honors" (one Valedictorian and one Salutatorian) and 23 "With Honors."



**Table 2. College Students Enjoying Scholarships and Grants-in-Aid Funded by ViSCA and Other Agencies by Course, First Semester 1999-2000.**

Degree	Total Enrolment	TYPE OF SCHOLARSHIP*						Total	Percentage (%)
		Full	Partial	HS	ACES	Others	Grants- in-Aid		
BSA	461	7	15	8	0	16	42	88	19.1
BSAgEd	1,001	0	11	11	0	6	97	125	12.5
BSAgDev	109	0	1	0	0	0	4	5	4.6
BSHE	455	1	5	4	0	2	30	42	9.2
BSDC	135	3	7	2	0	1	14	27	20.0
BSAE	172	1	4	2	0	5	11	23	13.4
BSAB	445	1	17	5	0	3	56	82	18.4
BAS	466	3	9	2	0	0	29	43	9.2
BSAC	59	1	7	1	0	3	5	17	28.8
BSFT	118	1	5	2	0	1	8	17	14.4
BSS	97	2	12	4	0	3	10	31	32.0
BSF	297	0	0	0	0	1	9	10	3.4
DVM	35	0	0	0	0	0	1	1	2.9
Total	3,850	20	93	41	0	41	316	511	13.3

\* ACES - Advanced Credit for Exceptional Students

HS - Honorific Scholarship

Others: - College Assurance Plan, CHED Special Study Grant, State Scholarship Program, Department of Labor-Overseas Workers' Welfare Association (DOLE-OWWA), Department of Science and Technology (DOST), LAO, Philippine Agriculture and Resources Research Foundation, Inc. (PARRFI), ViSCA Student Scholarship Foundation, Inc. (VSSF), Municipality of Baybay, and Pagkaon 2000

Grants-in-Aid - ViSCA Academic Grant, Dance Troupe Grant, Varsity Grant, Income Grant, Reserve Officers Training Corp Grant (ROTC), Sangguniang Bayan (SB), Sangguniang Kabataan (SK), ViSCA Staff Dependent Grant



## LICENSURE EXAMINATION PERFORMANCE

ViSCA graduates performed remarkably well in the 1999 licensure examinations. Figure 2 reflects ViSCA's overall performance as shown by the passing percentages in the different licensure examinations.

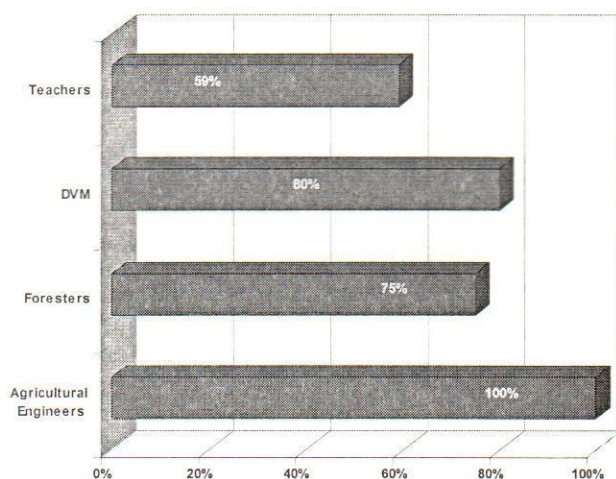


Figure 2. Institutional passing percentages of the different licensure examinations, SY 1999.

The following are the 1999 successful examinees in the professional licensure examinations:

### a. Agricultural Engineers

1. Babael, Isaac Lemuel C.
2. Catubao, Jason T.
3. Cubio, Greg M. - 3<sup>rd</sup> place
4. Estoy, Aldwin Purisisimo A.
5. Genson, Imelida C. - 1<sup>st</sup> place
6. Jorales, Joselito C.
7. Laurente, Alwin Y. - 10<sup>th</sup> place
8. Lopez, Elmer C.
9. Masubay, Marissa A.
10. Mondejar, Jeremy P. - 7<sup>th</sup> place
11. Monge, Ruth C.
12. Nadera, Ma. Lourdes V.
13. Parado, Lerma C.
14. Renos, Erwin B.
15. Sabusap, Angel T.
16. Sinon, Eliseo G.
17. Siton, Genefiel S.
18. Trocino, Lemuel C.

### b. Doctors of Veterinary Medicine

1. Abillar, Elmer O.
2. Cortez, Evelyn S.
3. Llanos, Charlie C.
4. Marquez, Nicandro Jr. B.
5. Padecio, Citadel J.
6. Rosillo, Neil P.
7. Subere, Roel Q.
8. Ty, Johdel S.

### c. Foresters

1. Ambinda, Julius G.
2. Bacalla, Joel B.
3. Balano, Marianette R.
4. Baldesco, Jeralyn D.
5. Benitez, Keith Paul A.
6. Boque, Majomeliza J.
7. Borata, Maribel P.
8. Encluna, Romeo P.
9. Giron, Jesus I.
10. Hermones, Efren A.
11. Jayme, Ingrid G.
12. Lambot, Elsie S.
13. Lao, Ricardo M.
14. Ligutan, Benjamin Jr. A.
15. Lodevico, Carolyn P.
16. Lopez, Noel B.
17. Lubrio, Peter U.
18. Marzon, Tarhata M.
19. Melgazo, Rubylyn L.
20. Mondal, Hernando L.
21. Monge, Flora A.
22. Moquia, Nida M.
23. Macabudbud, Ma. Menchilany S.
24. Ocba, Mitzi R.
25. Orongan, Romeo N.
26. Padecio, Cyius B.
27. Panebio, Jimmy A.
28. Payud, Arnuld B.
29. Posas, Darwin B.
30. Rebuyas, Chito P.
31. Riños, Leah A.
32. Tan, Leonardo D.
33. Villamor, Dailinda T.

### d. Teachers

1. Aberilla, Rogelda O.
2. Aduna, Jennelyn T.
3. Aguillon, Michelle G.
4. Alba, Evalyn M.
5. Albarracin, Ma. Jaylaine D.
6. Albuleras, Flordeliz M.



7. Alfaro, Flordeliz B.
8. Alpeche, Ma. Teresa A.
9. Astorga, Atanacio C.
10. Bitoon, Ruth G.
11. Borinaga, Fritzie B.
12. Caintic, Glinda A.
13. Castañas, Arlyn E.
14. Cativo, Juvy B.
15. Comaling, Lurian O.
16. Concon, Irene C.
17. Congzon, Ditchie A.
18. Cormaness, Elsie R.
19. Cuevas, Iderlina M.
20. Dalupan, Lengie S.
21. Dayap, Estrella S.
22. Dotollo, Alma V.
23. Durna, Marissa L.
24. Empimo, Eleanor G.
25. Enclona, Marjorie Hope E.
26. Flores, Marcializa G.
27. Forenteras, Marian F.
28. Garlit, Ma. Solidad B.
29. Gerodias, Analyn F.
30. Gonato, Ma. Lourdes T.
31. Gorillo, Ma. Liza P.
32. Gulip, Elma M.
33. Jose, Estella Vianney A.
34. Jumao-as, Bernadee O.
35. Keliste, Sorena R.
36. Kuizon, Ruth G.
37. Labtic, Nerissa T.
38. Libato, Jocelyn S.
39. Lleve, Diosdado S.
40. Lopez, Charity C.
41. Lumangas, Araceli M.
42. Maldos, Alvin T.
43. Manile, Christina G.
44. Milleza, Clarissa L.
45. Nable, Helen R.
46. Narciso, Ma. Rossan C.
47. Noya, Ma. Jessica F.
48. Ocampo, Mary Ann M.
49. Omangay, Arcelita C.
50. Onday, Antonia C.
51. Oquias, Maricel A.
52. Oracion, Perla C.
53. Pangandoyon, Nice B.
54. Pari-an, Michelle I.
55. Pelicano, Perla F.
56. Petallana, Juliana C.

57. Ponte, Felipe N.
58. Ponso, Clarinda J.
59. Quieta, Lorna P.
60. Rabago, Joy E.
61. Roble, Azeneth G.
62. Sescon, Marycris G.
63. Tanquezon, Dalia D.
64. Usares, Michelle A.
65. Valenzona, Emma B.
66. Villarama, Marichu L.
67. Yamon, Venia R.

## FACULTY STRENGTH AND DEVELOPMENT

- ❖ The College was backstopped by 263 faculty members (95 Ph.D., 116 MS, and 52 BS) of whom 53 were detailed in research centers and two on secondment in other government offices.
- ❖ Sixteen faculty members (12 for Ph.D. and 4 for MS) were on study leave with scholarship/fellowship grants from ViSCA, PCASTRD, CHED, MOMBUSHO, DOST, and GTZ.
- ❖ Trainings attended by faculty members include: 47 international, 92 national, 63 regional, and 87 local (Table 3). The list of international trainings attended by the academic staff is shown in Table 4.

## ACQUISITIONS

- ❖ The academic departments procured or acquired through donations 4 computers, 4 UPSs, a colored printer, and other computer accessories; 3 colored TVs, 2 slide projectors, 3 refrigerators; 20 stand fans, 16 ceiling fans, and 2 air conditioners and exhaust fans; 2 VHS players/recorders; 1 unit each of flatbed scanner, copier, mimeographing machine, vacuum cleaner, gas range, pressure cooker; 116 chairs, 8 bookshelves, 4 benches, and 1 unit each of conference and computer table; 47 different kinds of Physics and laboratory equipment; 25 books and journals; kitchen utensils; and garden tools.



Table 3. Trainings attended by the academic staff in CY1999.

Department/ Center	NUMBER OF TRAINING AND PARTICIPANTS							
	International		National		Regional		Local	
	Training	Participant	Training	Participant	Training	Participant	Training	Participant
DDC	4	4	7	10	7	9	8	11
DAL	-	-	11	11	2	2	3	24
DAC-FS	4	4	3	6	3	4	2	11
DASS	6	6	3	8	5	7	8	16
DASVM	1	4	4	4	5	5	8	26
DOH	1	2	6	11	8	12	5	19
DPP	3	8	12	19	7	10	14	52
DAEAM	1	1	4	4	7	7	10	21
DAEA	1	1	9	9	5	5	16	27
DHS	-	-	4	7	1	1	2	9
DOF	6	7	6	6	1	1	7	11
DPBAB	4	4	3	3	2	2	5	5
DAEE	-	-	2	2	-	-	4	11
DPE	-	-	-	-	3	7	2	2
VLHS	-	-	2	2	-	-	3	27
CSR	3	3	9	9	7	16	7	15
RCRC	-	-	-	-	1	1	5	11
NARC	-	-	17	17	5	6	9	13
PRCRTC	4	4	9	22	5	10	10	19
FARMI	3	3	5	5	3	5	9	12
ITE	6	8	1	1	6	10	5	10
ODEx-NFE	-	-	3	3	-	-	-	-
TOTAL	47	90	92	120	63	106	87	205



**Table 4. International trainings, meetings, and conferences attended by ViSCA faculty members, CY 1999.**

NAME	TITLE OF TRAINING	DATE	PLACE	ROLE
EC Bumatay	Refresher Course on Community Forestry for Asia	Feb. 7-22, 1999	SEARGA	Participant
MM Escalada	Course on Ethnoscience Applied to Agricultural Research	Feb. 8-12, 1999	Thailand	Resource Person
JR Pardales	Second Taro Network Meeting	March 9-10, 1999	Thailand	Participant
RL Serohijos	Maize Agronomy and Production Training Course	April 1 - Aug. 31, 1999	Thailand	Participant
RD Lauzon	Food Analysis	April 7-15, 1999	Australia	Participant
AE Pasa	Ground and Water Bioengineering	April 18-22, 1999	Manila	Participant
MM Escalada	Management of Rodent Pests in Southeast Asia: Project Coordination Meeting	April 18-24, 1999	Australia	Resource Person
EA Balbarino	First Asia-Pacific Conference and Exhibition Ground and Water Bioengineering	April 19-21, 1999	Manila	Poster Presentor
EA Balbarino	Short Course on Vetiver Grass Technology for Erosion and Sediment Control, Slope Stabilization and Environmental Protection	April 22, 1999	Manila	Lecturer
EO Mangaoang	First General Meeting of SEANAFE	April 26-28, 1999	UP Los Baños	Participant
BA Vega	FAO Regional Office for Asia & Pacific Expert Consultation on "Participatory Research Methods and Gender Database"	May 11-14, 1999	Thailand	Participant/ Paper Presentor
VB Asio	International Conference on Long-Term Fertilizer Trials	June 3-5, 1999	Germany	Participant
VB Asio	Seminar-Workshop on Managing Organic Matter in Tropical Soils	June 7-10, 1999	Germany	Participant
VB Asio	Ecology and Soil Science Colloquium	June 18, 1999	Germany	Participant
SC Bantugan, SL Sanches, RN Sonon Jr. BB Alfaro Jr.	2nd International Feeds and Veterinary Drugs Congress	June 29-July 2, 1999	Manila	Participants
VZ Acedo	Training Course on Meristem Culture	July 6-14, 1999	Japan	Participant
AWT Tabada	International Conference on Building Women's Studies Curriculum: The Philippine Experience	July 14-16, 1999	Quezon City	Member Working Commission
JG Pedrera	Isozyme Analysis	July 14-31, 1999	IRRI, Los Baños	Participant
MM.Escalada	Farmers' Beliefs and Attitudes in Rat Management - Training Workshop on Research Instrument Dev't.	July 19-23, 1999	Ho Chi Minh City	Resource Person

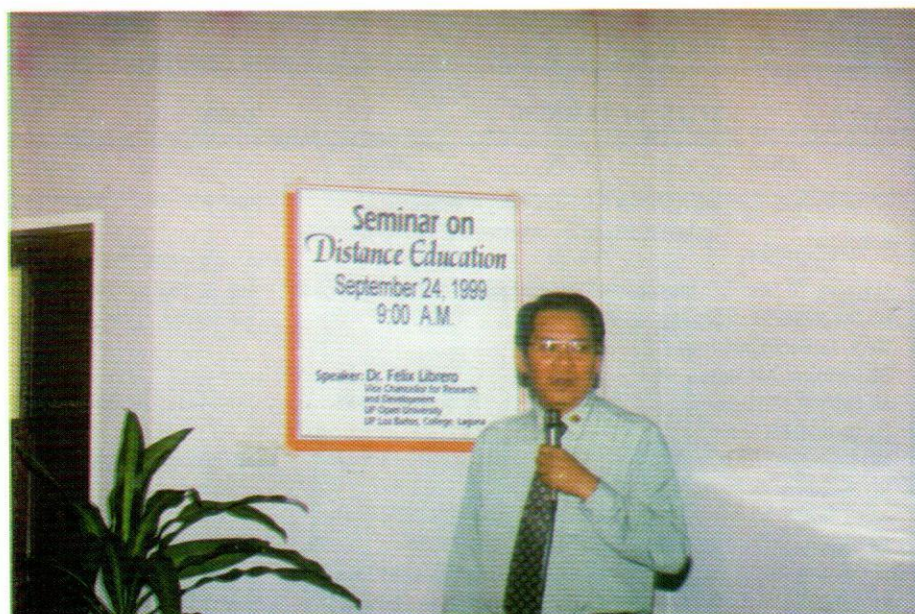


Table 4. Continued.

NAME	TITLE OF TRAINING	DATE	PLACE	ROLE
FP Villamayor	International Symposium on Management of Technologies for the Improvement of Problem Soils	Aug. 3-5, 1999	Quezon City	Participant
FJ Dagoy, VB Asio BB Dargantes, Ma.JC Ceniza, AC Caliente BP Germano, AM Mazo SB Bulayog, SA Cesar JM Quimio, LM Noriel MD Napiza, MM Belarmino RO Escasinas	7 <sup>th</sup> International Seminar and Workshop on Tropical Ecology	Aug. 22-Sept 5, 1999	ITE-ViSCA, Baybay, Leyte	Paper Presenter
MI Galinato	Weed Science Workshop: ADVENTROP	Aug. 24-26, 1999	Thailand	Resource Person
FM Salas	Fourth FAO/IAEA Coordination Research Project Meeting	Sept. 20-24, 1999	Malaysia	Participant
BB Dargantes	FASID Environmental Impact Assessment	Sept. 23-24, 1999	ViSCA, Baybay, Leyte	Participant
EO Mangaoang	Workshop on Biodiversity Conservation	Oct. 4, 1999	Manila	Participant
OB Capuno	International Agricultural Research Centers Forum	Oct. 4-5, 1999	Manila	Participant
AM Mariscal	Training Course on Analysis of Sweet Potato Morphology and Ingredients	Oct. 4-14, 1999	Japan	Participant
MM Escalada	Steering Committee Meeting, Irrigated Rice Research Consortium	Oct 5-8, 1999	Vietnam	Resource Person
AL Acedo Jr.	5th Asian Children's Science Conference	Oct. 8-13, 1999	Japan	Participant
EA Balbarino	International Workshop "Working with Farmers: The Key to Adoption of Forage Technologies"	Oct 12-15, 1999	Cagayan de Oro City	Poster Presenter
BP Germano	4th International Conference on the Marine Biology of the South China Sea	Oct. 20-22, 1999	Quezon City	Participant
AM Mariscal	International Workshop, Asian Network for Sweet Potato Genetic Resources (ANSWER)	Nov. 3-5, 1999	Indonesia	Paper Presenter
EO Mangaoang	Training Workshop on Tree Domestication	Nov. 8-13, 1999	Kenya	Participant
RC Guarte	Seminar on Renewable Energy for Developing Countries	Nov. 17, 1999	Germany	Participant
LS Palomar	First Asian Ethnic Food Festival	Nov. 24-29, 1999	Manila	Participant
AC Caliente	3rd Asia-Pacific Marine Biotechnology Conference	Nov- 28-Dec. 1, 1999	Quezon City	Participant
AM Acabal	International Symposium on Recent Development and Discovery of Biologically Active Natural Products	Dec. 6-8, 1999	Manila	Participant



*In its continuing drive for further institutional growth, ViSCA drew more insights through seminars, trainings, and conferences.*



*The College subjected itself for AACCUP accreditation to know its status according to AACCUP standards. Pictured left are the AACCUP team of accreditors who evaluated ViSCA.*



# RESEARCH AND DEVELOPMENT

In support of government thrust, ViSCA's research and development activities generated information and technologies instrumental for rural and agricultural development.





## R and D Highlights

At the end of 1999, ViSCA's research and development projects/studies were assessed as follows: new-23, for completion-46, for continuation-125, and for suspension-5. Such research pursuits dealt with root crops (33.67%), abaca (18.09%), farming systems (7.54%), coconut (6.53%), and fruits and vegetables (6.03%). They were either funded by ViSCA (129 projects/studies), foreign agencies (40), or other local institutions (30).

### Product Development and Processing

- ❖ Development of delectable macapuno food products called "leather," "delight," and "balls"; and edible wrapper from abaca starch.
- ❖ Improvement of SP-based chocolate, SP-yoghurt, ubi spread, and "nutri-cool"
- ❖ *Asyang, ampalaya, saluyot, olasiman*, and *kamantigue* were found to contain flavonoidal, polyphenolic, and steroidal components. Extracts from *ampalaya*, *asyang*, and ginger proved to have fungicidal effect against *Botryodiplodia*, *Sclerotium*, and *Colletotrichum*.
- ❖ Processed jackfruit products like leather, *yema*, and tart were standardized, promoted and commercialized.
- ❖ Indigenous methods used by farmers in Leyte, Samar and Cotabato for detoxifying *nami* were evaluated. The methods of steeping with sodium chloride followed by washing in fresh running water; and boiling, washing and drying were found most effective in removing the alkaloid dioscorine.

### Germplasm Collection

- ❖ During the year, ViSCA continued enriching its germplasm collection of different crops. Hence, PRCRTC's rootcrop accessions reached 1,753 (sweetpotato, 850; taro, 508; cassava, 307; and micro-rootcrop, 88); NARC's abaca accessions totalled to 614; and RCRC's accessions of dwarf and tall coconuts increased to 40.

## R and D Publications

- ❖ ViSCA researchers/scientists successfully published technical articles on: rootcrops, 8; foresters, farmers, and biodiversity, 3; and one paper on soils in the Philippine Journal of Science, Philippine Agriculturist, Philippine Technology Journal, Soil Science (international journal), and in the reports/publications of ANSWER, IPRGRI (Rome), UPWARD, Springer-Verlag (Germany), PPS, CSSP, GTZ-ViSCA, and ViSCA-DARWIN.

### R and D Update

In a nutshell, the following are the results of some R and D pursuits:

- ❖ *Performance Evaluation of Fruit Trees in Marginal Hillylands*

Mango can adapt to extreme soil conditions such as the very acidic (pH 4.5-5.0)- Maasin clay in San Salvador, Matalom and Umingan clay in ViSCA, Baybay, and the calcareous (pH 7.5-8.0)- Faraon clay in Domonar, Ormoc City.

Mango, rambutan, jackfruit, and mandarin can be planted in marginal hillylands at a minimal cost ranging from P7,600/ha to P18,612/ha. The basic annual orchard maintenance cost ranges from P4,080/ha for mango to P7,729/ha for jackfruit and mandarin.

- ❖ *Development of Low Cost Housing Materials Using Fiber and Fiber Wastes*

Results of the preliminary evaluation on the bending strength of abaca fiber cement board which were subjected to different curing time and indoor and outdoor conditions, showed that the indoor samples with three-month curing time were stronger than the outdoor ones. This indicates that longer curing time promotes stronger fiberboards but does not affect their bending strength.



❖ *Cytology, Cytogenetics, and Pollen Viability Studies of Abaca Varieties and Related Species*

Out of the 14,284 spores studied, 38.87% were found to be of normal shape. The average size of the 1,161 pollens was 0.29 mm. The size of fertile pollens was variable. Decrease in pollen size indicated a decrease in its viability.

The highest germination rate of pollens was observed in culture medium with 10% sucrose from node #1 and in freshly dispersed pollens compared to dried ones that showed viability in their fresh state.

❖ *Effects of Planting Depth on the Growth and Yield of Coconut Hybrids/Cultivars Grown in Hilly Areas in Eastern Visayas*

No significant difference was observed on the number of leaves per palm among the cultivars and fertilizer treatments. However, the 30-cm depth of planting hastened the production of more leaves.

The cultivars of Tacunan Dwarf produced more nuts and copra yield than the Baybay Tall. It was also noted that the 90-cm depth of planting triggered more nut and copra yield.

❖ *Tissue Culture of Rootcrops*

Results of *in vitro* culture of sweet potato with increased concentration of Mannitol in the culture medium showed that the tissues retained their viability after 10 months to more than one year of incubation while no definite results were obtained from cassava and yam.

In cassava culture, the PRCRTC culture medium showed that table sugar as carbon source reduced the frequency of root formation compared to the technical grade sucrose of the CIAT medium.

❖ *Screening and Identification of Bacteriocin-Producing Microorganisms from Fermented Meat and Sweet Potato Mixture*

A total of 267 lactic acid-producing isolates were initially taken from the sweet potato starch processing samples. After a series of purification process, only 8 isolates were taken from the fermented fresh starch pulp residues and dried starch residues mixed with corn and fishmeal for feeds.

When tested for their bacteriocin-producing ability, only 7 isolates showed zone of inhibition against indicator organism which means that they produced bacteriocin that restrained the indicator microorganisms and could possibly inhibit other related gram-positive pathogenic microorganisms.

❖ *Plantation Establishment Technology for *Gliricidia sepium* in the Uplands*

*Gliricidia sepium* grew well in *Imperata* grassland; and had a good suppressing effect on *Imperata* under appropriate spacing. Fertilization increased its seed production capacity.

❖ *Defining Problems and Opportunities for Smallholder Pig Production in the Philippines*

Backyard pig production contributed 25% of the income of the 176 farmers involved in the study. The use of separate pens for sow and piglets shortened the weaning age to 30 days, narrowed down the interfarrowing interval to 196 days, and increased the weaning percentage. Growth performance of exotic/upgraded pigs fed with commercial feeds proved 34 times better than the native ones fed with rice bran.



## Technologies for Dissemination

1. New taro varieties (PSBG-4 and 5)
2. New cassava variety ( PSB Cv 15)
3. Improved grating machine for tubers
4. Improved grates mill
5. Corn-cassava relay cropping
6. Optimum planting distance and fertilizer application in cassava
7. Protocol for cassava micropropagation
8. Protocol for in vitro culture of ubi
9. Nami detoxification method

## Acquisitions

- ❖ The research centers acquired 1 unit computer, 1 unit karaoke, 30 pcs. monoblock chairs, 1 unit coffee maker, and constructed a semi-direct type of copra dryer.

## R and D Budget, Fund Sources, and Number of Projects by Commodity

Table 5 and Figure 3 reflect ViSCA's R and D budget and the amounts obtained from the different fund sources. Most (79%) of the R and D projects were funded by the government, while the rest were funded by foreign (14%) and local (7%) agencies. Likewise, Figure 4 shows the number of projects by commodity .

**Table 5. R and D budget and fund sources, CY 1999.**

<u>Funding Agency</u>	<u>Amount (P)</u>
<b>I. ViSCA (GOP)</b>	15,191,425.00
<b>II. Foreign</b>	
ACIAR	814,785.60
IFS/ViSCA	503,000.00
GTZ/GOP	364,642.00
USAID thru PHILRICE	304,642.00
UPWARD	286,900.00
TECHNOVA, Inc.	200,000.00
ICRAF	80,000.00
IFAD/COGENT/IPGRI	60,000.00
IRRI	60,000.00
P-CRSP	37,824.42
<i>Sub-Total</i>	2,711,997.02
<b>III. Local Agencies</b>	
PCRDF	358,910.00
NAPHIRE	300,000.00
PCARRD	261,276.00
BAR/PCARRD	213,463.00
PCARRD/DOST-OYS/ViSCA	120,000.00
PHILRICE	25,000.00
PCARRD/VICARP	13,700.00
<i>Sub-Total</i>	1,292,349.00
<b>Grand Total</b>	<b>19,185,771.02</b>



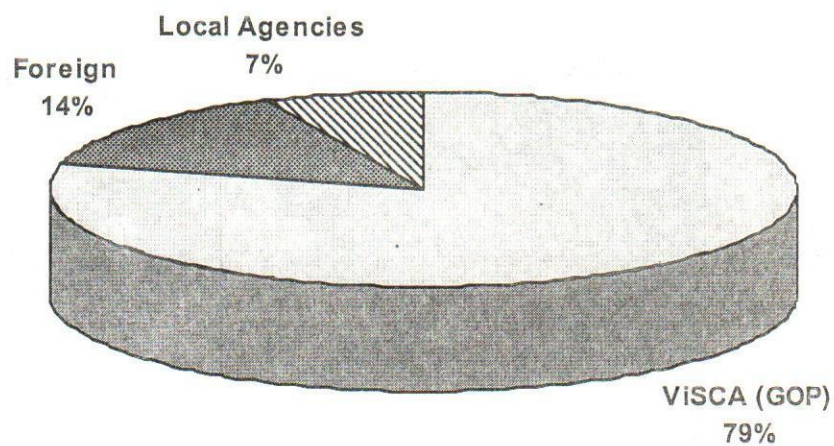


Figure 3. R and D Source of Funds, CY 1999.

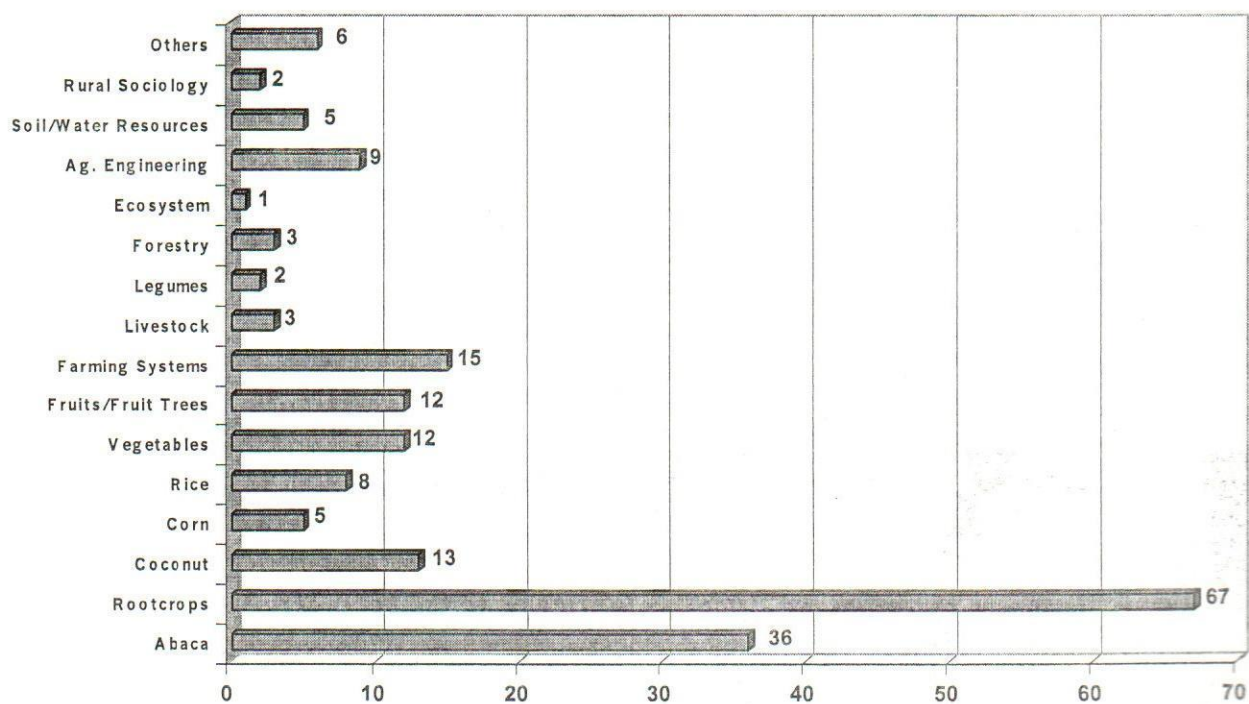
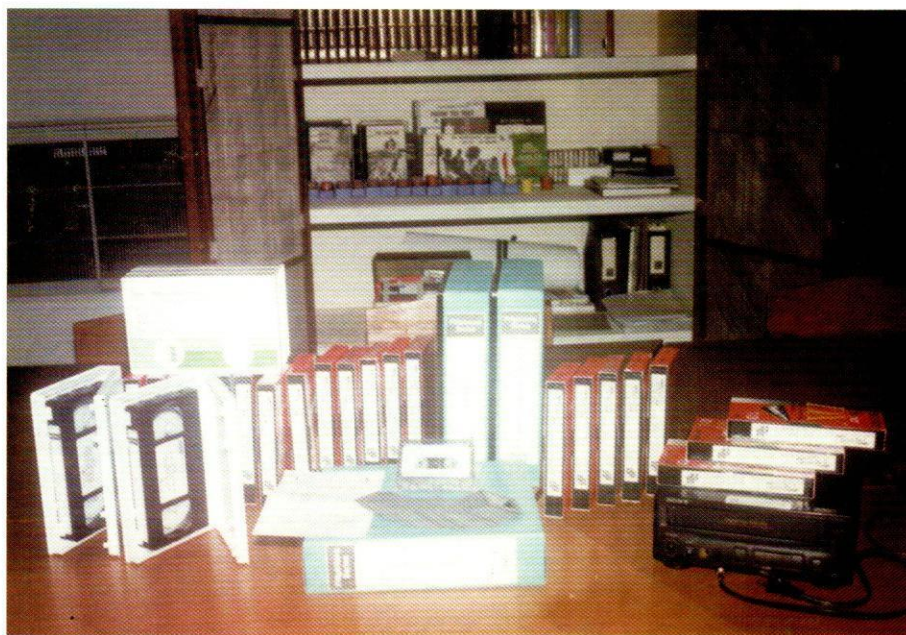


Figure 4. Number of R and D projects/studies by commodity, CY 1999.





*Dissemination of developmental information and useful technologies was done not only through trainings but also advanced communication media like CDs, in addition to radio programs and publications.*





# EXTENSION

Extension programs zeroed in on capability building of the desired clientele to ensure their involvement in rural development endeavors.



*Rural women performing a social mapping exercise as part of a FARMi training on Participatory Rural Appraisal aimed at enhancing their capability to plan and implement activities for their upliftment.*



## Training and Non-Formal Education

Thirty extension programs/projects (22 ViSCA-funded and 8 by other agencies) were implemented. These included non-degree training, technical assistance, advisory service, extension-*cum*-research activity, information support service, demo farm, and planting materials distribution.

The extension activities were mostly commodity-focused and conducted in response to the capability-building needs of local government units (LGUs) to design, plan, and implement agricultural and rural development programs.

- ❖ Short-term training courses on rootcrops, coconut, abaca, fruit trees, cutflower and livestock production, processing, and utilization were conducted by the different departments/centers of ViSCA (Table 6).
- ❖ The Saturday-Sunday University (SSU) in coordination with the Department of Home Science (DHS) conducted two trainings on pattern drafting and dressmaking to 24 women participants.
- ❖ The ViSCA-Barangay Integrated Development Approach for Nutrition Improvement (BIDANI) conducted capability-building trainings in planning, implementing, monitoring and evaluating rural development programs; as well as skills training on bio-intensive gardening, food preparation, and swine and poultry raising to farmer-cooperators.
- ❖ The College collaborated with CHED in upgrading the competencies of extension program implementors through the training on Leadership Management for Extension and Development Programs participated in by 35 teachers from CHED-supervised schools.

## Technical Assistance

- ❖ Commodity research centers such as PRCRTC, RCRC, NARC, FARMI, CSR, ITE, and the different departments of the College continued giving technical assistance, consultation, and advisory services on crop/livestock production, utilization, and preservation; fabrication/operation of crop processing machines; and establishment of nurseries and plantation.
- ❖ Academic departments also provided technical services, as follows: DASS – responded to 620 requests for soil and plant tissue analysis and provided 100 fertilizer recommendations to farmers, researchers, and students; DPP's Pest Clinic - diagnosed infected plant samples, treated termite-infested buildings, assisted farmers, students, and communities in checking plant diseases; Natural History Museum - exhibited samples of natural resources to 5,991 guests and visitors; DAEAM - helped NES users, and surveyed possible irrigation project sites in two barangays of Baybay; and DAEA – helped in the preparation of farm records, accounts, and budget.
- ❖ The technology on vegetable cultural management was introduced to 30 container gardening cooperators in three barangays of Baybay, Leyte who are growing *bitoon* seedlings for beach stabilization projects, and 5,000 polyethylene bags were distributed to a fishing barangay in Hindang, Leyte.
- ❖ The Gender and Development (GAD) Outreach Project assisted the women in Sitio Pasil and Brandy Island, Baybay, Leyte in community-based project planning with financial support from the Baybay-LGU and the Functional Literacy Project in collaboration with FCIC, ANTEP, DECS, and ViSCA. Eighteen (18) participants from Sitio Pasil, Barangay Palhi, Baybay, Leyte completed the 4 modules.



**Table 6. Trainings conducted/services rendered by departments/centers of ViSCA in 1999.**

Center/ Department	Title of Training	Clientele/ Participants	Total
PRCRTC	Rootcrop production, processing/utilization; chipping machine design/fabrication; technology lecture/briefing	Farmers, students, teachers, LGUs, NGOs, housewives, entrepreneurs, traders, visitors	610
NARC	Abaca nursery/plantation establishment; production, cultural management; pest/disease control; post harvest processing; product/ by-product utilization; waste management; handicraft/ fibercraft; portable spindle/strip machine operation; technology lecture/briefing	Farmers, students/OSY, teachers, coop members, LGUs, NGOs, entrepreneurs, housewives, visitors	1,294
RCRC	Coconut origin, morphology, breeding, seed farm management; distribution; cropping system; making spikelet utility trays; macapuno technology briefing	Farmers, students, teachers, LGUs, NGOs, investors, technical/extension staff	508
CSR	Social/environmental impact assessment seminar/lecture; enhancing women's capability consultative/validation workshop on abaca production, processing/utilization/marketing; pastoral planning & team building; feminist research methodology	Farmers, technical staff, LGUs, women abaca farmers, clergy/laymen, JICA experts, GOs, NGOs, researchers	1,821
FARMI	Mango production; soil/ water conservation; agroforestry	Farmer cooperators	95
ITE	Pandan processing; hog/goat raising; environmental awareness lecture/advocacy, social acceptability	POs, JICA/LGU/DA officials, NGOs, farmers, faculty/students	627
DASVM	Hog, beef, dairy cattle production; livestock dispersal; veterinary treatment/consultation	Farmers, technicians, students, LGUs,	375
DASS	Corn, rice, grain, legume seed production; chemical safety; short course on aerial-photo interpretation	Farmers, students, monks, LGUs, extension agents	325
DAC-FS	Meat, fish, rootcrop processing/utilization; food processing briefing	Researchers, farmers, housewives, visitors	56
DOH	Ornamental, cutflower, vegetable, orchard production; tissue culture; farmer consultation, field visit, crop technology briefing	Farmers, teachers/students, POs, NGOs, coop members	464
DOF	Agroforestry; LGU community-based watershed management; ecotourism planning workshop; on-site lecture; demonstration; site visit; DENR community-based rainforestation	Farmers, LGUs, ADB/DENR, technicians	281
DAEA	Project feasibility study; symposium on entrepreneurship	Farmer cooperators, students, government line agencies	251
DYAC	Radio broadcasting; program handling, School-on-the-Air on vegetable production	DEVCOM students, farmers, interested individuals	404
ODEX-NFE	Coconut seed garden management; plantation establishment; rice, vegetable, orchard production; asexual propagation; leadership/management of extension/development programs; program planning-workshop in 8 barangays (Baybay, Leyte)	Farmers, housewives, extension workers, rural women, LGU officials, NGO/GO representatives faculty/students	6,260
BIDANI	BIDC, PDNR, BMIS; bio-intensive gardening; poultry/swine production, health management	Farmers, housewives	5,265



## Advisory Services

- ❖ ViSCA-BIDANI conducted review/planning-workshops to satellite schools to train their respective municipal and barangay leaders in planning and managing resources with emphasis on health and nutrition.
- ❖ ViSCA-ODEX, ATI and CAFC-Ormoc through a series of workshops helped conceptualize and finalize Ormoc City's Agriculture and Fisheries Modernization Plan.
- ❖ The Agrarian Reform Beneficiaries (ARB) Program of the Department of Agrarian Reform (DAR) tapped ViSCA's services in handling training programs on farming systems to Agrarian Reform Communities (ARC) in Leyte, Southern Leyte, and Samar.
- ❖ The Municipal Science and Technology Advisory Program (MSTAP) provided or assisted its active cooperators to procure planting materials; extended advisory assistance on cultural management of the crops planted; and coordinated field visits to ViSCA and other private orchards/nurseries.
- ❖ Teachers in Technology and Home Economics (THE) and Home Economics and Livelihood Education (HELE) of the ViSCA-assisted schools were given a tour to Ormoc City and Isabel, Leyte to see different school projects. Assorted vegetable seeds (2 kg) and polyethylene bags (3,000 pcs) were given for the container gardening project of four schools and initial discussions on student entrepreneurship were made.

## Distribution of Planting Materials

- ❖ Departments/centers that distributed planting materials at minimal cost were: RCRC - 71,000 coconut seedlings, 7 pure macapuno seedlings, 1,450 pineapple suckers, 164,570 black pepper

cuttings, 8 pcs rooted black pepper, and 348.6 kg black pepper seeds; DOH - 20.75 kg assorted vegetable seeds; DOF - 7,550 native and exotic forest tree seedlings; NARC - 3,120 abaca seedpieces; DASS - 140 kg corn, 127 kg mongo, and 148 kg rice seeds; and DPBAB - 10 tons rice and 2 tons corn seeds.

## Distribution of Brochures/Technoguides/Leaflets

- ❖ Departments/centers that distributed brochures/technoguides/leaflets to their different clientele were: DOH - 840 copies on vegetable/fruit/cutflower/ornamental growing, seed production, marcotting, and composting; DASS - 328 copies on corn, peanut, mongo, rice, soy bean, and soil sampling; DPP - "Quick Guide to Improving Marine Productivity"; NARC - 183 copies on abaca technologies; RCRC - 799 copies on coconut-based cropping systems; and PRCRTC - several copies on cassava, sweetpotato, ubi, gabi and rootcrop processing machine.

## Fabrication of Processing Machines

- ❖ NARC fabricated 4 abaca portable spindle stripping machines for farmer-cooperatives in Aklan, Davao, and Mahaplag, Leyte; and 90 abaca slicers and shavers to cooperatives in Region 8. The PRCRTC likewise fabricated a prototype motor-operated rootcrop slicer.

## Garden Shows and Exhibits

- ❖ ODEX-NFE maintained a year-round exhibit of ViSCA technologies and coordinated an off-campus exhibition of the same technologies with the research centers and departments, like NARC, RCRC, PRCRTC, and DOH (Table 7).
- ❖ The Department of Horticulture organized the ViSCA Diamond Anniversary flower and garden show.



**Table 7. Exhibits and garden shows participated by departments/centers in 1999.**

<b>Department/Center</b>	<b>Type of Exhibit/ Garden Show</b>	<b>Place</b>	<b>Date</b>
NARC, RCRC	Agri-Aqua Fair	Tacloban City	May 5-7
DOH	Agro-Industrial Fair	Merida, Leyte	May 11-14
DOH, NARC, RCRC	Agri-Aqua Fair	Capoocan, Leyte	June 1-6
DOH, PRCRTC, RCRC, NARC	Agri-Aqua Fair	Maasin, So. Leyte	June 28-July 1
DOH	ViSCA Diamond Flower/ Garden Show	ViSCA	July 27-Aug 2
DOH, NARC, PRCRTC	Technology Transfer and Exhibits	San Juan, So. Leyte	Nov 19-Dec 2
NARC	BAR 12th Anniversary	Quezon City	Sept. 16-17
NARC	BAHANDI Showcase	SM Megamall	Sept.
NARC	PSAE Convention	ViSCA	Nov 22-26
DOH, PRCRTC, RCRC, NARC	"Kalandrakas '99" - Agri-Aqua Fair	Baybay, Leyte	Dec. 21-28
NARC, RCRC, PRCRTC	ViSCA Exhibit	ODEx-NFE, ViSCA	Whole Year



## Demonstration Farms

- ❖ The following demonstration farms/projects of research centers/departments showcased different cultural management and processing technologies: PRCRTC - cassava on-farm and rapid propagation trials; RCRC - ViSCA-based facilities for processing coconut products and by-products, intercropping of annual and perennial crops, coconut nursery, and village-based coconut-seed garden in Macrohon, So. Leyte; DOF - agroforestry, nursery, tree farming, herbarium and arboretum; and DPBAB – herbarium.

## Plant Protection Extension Program

- ❖ Plant pest diagnosis and natural enemy identification constituted the main extension activities of the Department of Plant Protection (DPP). DPP examined 17 infected plant and soil samples taken by farmers and students, and conducted termite control assistance to the two apartments in the campus and the Administration's Records Office.

## Farm and Household Artifacts Museum and Mobile Theater

- ❖ The Department of Arts and Letters (DAL) initiated a Workshop-Interaction on Basic Theater Dynamics with facilitators from the Cultural Center of the Philippines (CCP); presented a stage show entitled "The Journey: A Prelude to the New Millennium;" and linked with the CCP-Cultural Exchange Division, National Commission for Culture and the Arts, and the Barasoain Kalinangan Foundation, Inc., on various aspects on arts and culture.

## Sustainable Upland Farming

- ❖ Using the vetiver-based technique of soil and water conservation, FARMI helped establish 30 contoured farms in Matalom and Inopacan, Leyte with 15 farmers trained on agroforestry; and conducted mango production training to 80 farmers in Matalom and Baybay, Leyte.

- ❖ FARMI's Agroforestry and Tree Farming Project coordinated 25 farmer organizations or *alayons* and planted 400,000 trees in 500 upland farms in Matalom, Leyte. FARMI also successfully introduced the tree farming technology in Hindang, Inopacan, and Baybay, Leyte.

## Extension Communication and Training Services

- ❖ ODEX produced extension publications and materials, the ViSCA Story in slides, and other technological documentation/collection services; established roving and stationary exhibits; conducted on-call and programmed trainings, and consultation services; and organized the annual farmers' field day.
- ❖ ODEX also facilitated the packaging of a training module/manual and provided the overall leadership in the conduct of the Baybay Agro-Industrial Fair.

## NIA Crop Diversification Demo Trial

- ❖ The demonstration project monitored the performance of various upland crops with its first cropping planted in Magsaysay in Dulag, and North/South Binahaan and Mainit in Alangalang, Leyte.

## ViSCA-LBP Technology Promotion Program

- ❖ ViSCA and the Land Bank of the Philippines (LBP) carried out a joint program utilizing their technical, financial, physical and manpower resources to promote appropriate, updated, and viable technologies that would generate production and post-production efficiencies, and guarantee increase in farmers' income and enhance LBP's lending programs through technology validation for effective delivery/transfer of technologies to rural farmers and entrepreneurs. ViSCA implemented projects on Production of ViSCA Maize Variety 2, Sweet Potato Production by Sequential Planting, Production of



High-Value Vegetables Using Sorjan Farming Technology, Prototype Tractor-Drawn Sweet Potato Harvester, and Production of Root Crop Cubes for Various Food Applications.

### **Institutionalization of Linkage between TESDA and ViSCA**

- ❖ The institutionalized ViSCA-TESDA linkage allowed the College to conduct on-site training programs/assistance to TESDA-supervised schools (TSS) namely: Calubian Vocational School, Calubian, Leyte - coconut seed garden; Balangiga National Agricultural School, Balangiga, Eastern Samar - cereal production; Las Navas Agricultural School, Las Navas, Northern Samar – dispersal of rice seeds and carabull from PCC, and on-the-job training at ViSCA of two TSS students from Samar.

### **Physical Fitness Program**

- ❖ The Department of Physical Education organized various physical fitness activities of the staff and enjoined the participation of the faculty, staff, and college students in the ViSCA Diamond Jubilee playground demonstration and sports events.

### **Forestry/Agroforestry and Watershed Management Extension Program**

- ❖ The Department of Forestry conducted 9 trainings/field consultations on forestry/agroforestry and watershed management; distributed 7,550 forest tree seedlings to elementary schools, local government units of Baybay and Isabel in Leyte, upland farmers from Bohol, Leyte, and Samar, and private corporations and individuals in Leyte and Samar; and planted 2,000 dipterocarp seedlings in the arboretum and plantation sites.

### **Integrated Extension Programs**

- ❖ The Department of Horticulture established fruit/vegetable/ornamental plant propagation nurseries as a laboratory and source of planting

materials; showcased an on-station demo area on “Production of High Value Vegetables Using Sorjan Farming Technology” in growing off-season crops of baby corn, *ampalaya*, cucumber, sweet pepper, okra, and Chinese *kangkong*; and demonstrated through the “Crop Diversification Project” growing of vegetables during dry season after rice in non-irrigated areas in Dulag, Tanauan, and Alangalang, Leyte.

- ❖ PRCRTC distributed sweet potato cuttings to 60 farmers in Sorsogon; helped the SARIC cooperative in San Agustin, Baybay, Leyte avail of a fund-grant for a sweet potato candy processing plant/equipment, and facilitated the registration of a cassava-choco roll cooperative with the Department of Labor and Employment.
- ❖ NARC conducted trainings on abaca production and cultural management, and fibercraft and Christmas decor making; provided technical assistance on postharvest processing/utilization, establishment of water-powered stripper, operation and maintenance of a portable spindle stripping machine, and quality control of abaca products; established abaca nursery/plantation; distributed planting materials to farmer-clientele at minimal cost; helped two cooperatives in establishing business connections with a handicraft exporter; and arranged showcase of products with local display centers.
- ❖ RCRC established a coconut seedfarm; provided technical consultation, training, lecture/ briefing on coconut; conducted training on coconut-based cropping systems and making of utility trays using spikelets; and distributed planting materials and coconut technoguides at minimal cost.

### **Acquisitions**

- ❖ ODEX-NFE purchased 2 airconditioners, 2 UPSs, and 1 unit each of printer, scanner, copier, colored TV with microphone, VHS player/recorder, stand fan, and mountain bike.



*The technology on the production of rootcrop-based feeds as alternative to corn-based ones attracted entrepreneurs and prospective technology users.*



*ViSCA assessed rural development needs and priorities in consultation with farmers and local officials.*



## AUXILIARY SERVICES

The offices tasked to provide auxiliary services also performed an indispensable role in addressing student needs and initiating programs for their welfare.





## OFFICE OF STUDENT AFFAIRS (OSA)

- ❖ OSA generated an income of P1.8M from dormitory, recreation center, student handbook, and transient and testing fees. Ninety-four percent of the income came from dormitory fees.
- ❖ It requested 212 job orders for repairs, 25 construction, and 30 fabrication of office/dormitory facilities.
- ❖ The office drew funds from private agencies in the amount of P 610,850.00 to support 104 scholars and 33 grantees during the 1<sup>st</sup> and 2<sup>nd</sup> semesters of SY 1999-2000.

### Student Welfare Program

- ❖ OSA approved 57 student organizations, appointed 98 organization advisers, coordinated 444 student activities, and sent student leader delegates to the 1st Student Leaders' Camp in Hilongos, Leyte on September 17-18, and the 4<sup>th</sup> Philippine Association of Campus Student Leaders' Convention in Baguio City on November 17-20.
- ❖ The Student Lounge served 3,200 students and catered to seven student activities while the recreation center served 6,685 hrs/game in billiard, bowling, and table tennis. The Record Section likewise assisted in coming up with a comprehensive student data profile and updated the OSA student files.

### Guidance Program

- ❖ The office conducted leadership training, freshmen orientation, career guidance seminar, and information campaign in Abuyog, McArthur and Makinhas, Baybay, Leyte. It also intensified student guidance services at the department levels, strengthened the Campus Ministry program, and trained 11 additional Guidance Peer Movers.

## Scholarship/Assistantship

- ❖ OSA coordinated/drummed up support for financial assistance to economically deprived but academically deserving students through the ViSCA-funded and other government/private agency-funded scholarships and grants-in-aid, and facilitated the CHED Special Study Grant and Pagkaon 2000 educational grant. It also facilitated the student assistantship program, and extended loans to 79 students through the ViSCA Students Emergency Loan Fund (ViSCASELF).

### Student Performance

- ❖ As part of its motivational program for students, OSA recognized students and student organizations with exemplary performance during the year. Messrs. Linnito M. Pascual, Sherwin E. Verdun, and Nicasio C. Cadampog were accorded Outstanding Student of the Year, Leadership, and Endeavor awards, respectively, during the 1999 Honors and Awards Convocation.
- ❖ The following organizations were likewise given awards during the 1999 Honors and Awards Convocation: for the Course-Related Organization of the Year: Plant Breeding and Agricultural Botany Majors Association (PLABOMA) - *1st place*, ViSCA Chemical Society (ViChemSo) - *2nd place*, and Philippine Society of Agricultural Engineers-ViSCA Student Chapter (PSAE-VSC) - *3rd place*; and for the Service Organization of the Year: Gamma Pi Epsilon Fraternity/Sorority - *1st place*, Theta Psi Lambda Fraternity/Sorority - *2nd place* and Gamma Sigma Fraternity - *3rd place*.

### Acquisitions

- ❖ OSA acquired 2 office/computer tables, 3 calculators, bulletin boards, motherboard, billiard cloth, table tennis rackets and one set dartboard for the recreation center.



**Table 8. Activities of the different student organizations during SY 1999-2000.**

Student Organization	Activities Undertaken	Awards Received
PLABOMA	Spearheaded the Botany and Plant Breeding Week celebration; quiz show; poster making/essay writing contests; <i>alay linis</i> ; DPBAB story slide showing; tree planting; distributed rice/corn seeds to farmers in nearby barangays	First Place - 1999 Course-Related Organization of the Year
VICHEMSO & PAFTI - Student Chapter	Conducted tutorial classes on general and fundamental chemistry; sportfest; BSAC freshmen orientation program; spearheaded Chemistry Week celebration; sponsored intra/inter-school Chemistry Quiz Shows; seminar/convention attendance; acquaintance/officers induction; field trips	Second Place -1999 Course-Related Organization of the Year
PSAE-VISCA VSS	Conducted tutorial classes on Physics, Algebra, and Trigonometry; sponsored Mathematics, Statistics, and Physics Quiz Shows; <i>alay linis</i>	Third Place - 1999 Course-Related Organization of the Year
SUASSM	Participated in the booth making contest; distributed planting materials to farmers; <i>alay linis</i> ; get-together parties	Most Environment-Friendly & Diamond Anniversary Booth '99
UCSO	Participated in the booth making contest	Most Symbolic & Most Artistic Booth
LAMI	Participated in the booth making contest	Most Symbolic & Diamond Anniversary Booth '99
CYUT	Participated in the booth making contest	Most Environment-Friendly Booth
DECSO	Served as Amaranth staff members; put-up exhibits at the DDC lobby; booth making participant; ; incoming sophomores review/tutorials; initiated BSDC freshmen orientation seminar; news coverage of VISCA Diamond anniversary; assisted registration of farmers in <i>Pinaka</i> -contest, raffle draw, and VEAM on-the-spot poster contest; production of radio spots; served as stage and production crew during the Miss ViSCA Pageant, VISCA Night in Baybay, Investiture Night, and stage play <i>Kaniadto Sa Karon</i>	Most Attractive Parading Group/Best in Uniform
HES	Conducted induction of officers/acquaintance; sportsfest; <i>despedida</i> party; orientation program; field trip; <i>alay linis</i> ; booth-making participant; cemented benches in the department	
VIHOS	Co-sponsored flower/garden show; tree planting; asexual propagation of horticultural crops; field trip.	
FFPCC & VAExSo	Maintained department nursery/garden for the development of skills and competence of students as prospective agriculture teachers; sportsfest	
FSS	Participated in the Forestry Olympiad, Forestry Student Congress; spearheaded Forestry Week celebration; tree planting; <i>alay linis</i> ; orientation/acquaintance party; maintained DOF Arboretum	
PPMA	Held an <i>alay linis</i> ; donated brooms/dust pans; co-sponsored VEAM quiz show	
SABS and VAESO	Held an acquaintance/induction party; Freshmen SABS and Junior Ag. Economics major orientation; booth making participant; agribusiness management tutorials/symposium; weekly price monitoring of basic commodities in Baybay; marketing of IGP products; <i>alay linis</i>	
ViSAS and ViSVM	Organized/participated in Field trip; rodeo competition; tree planting; ; socials; <i>alay linis</i> ; community animal health service	
VIHOS	Co-sponsored the flower/garden show; tree planting; practical skills training in horticulture; field trip	



## **LIBRARY**

- ❖ As part of its development, the Library served as a depository of all Asian Development Bank (ADB) publications in the Region and became a recipient of Cornell University's "The Essential Electronic Agricultural Library" (TEEAL) or Library in a Box.
- ❖ The Library management staff separated the Filipiniana from the ViSCAiana Section to accommodate more books and other educational materials.
- ❖ It encoded and added to the "CATALO" database 870 titles, published 2 issues of the "New Acquisitions", updated and distributed the Library Handbook to students, and put up the Current Awareness Bulletin which displays statistical information from the National Statistical Unit Coordination Board in Tacloban.
- ❖ The Library admitted 162,329 library users, provided library services to 461 students from nearby colleges and universities, loaned out books to 47,135 borrowers, provided 1,360 visitors a guided tour to the library facilities and extended video viewing to 4,987 students and CD-ROM literature searching services to 79 students. It subscribed 116 journals, printed 4,015 catalog cards, and bound and repaired 1,123 volumes of theses/books.

### **Acquisition/Collection and Donors**

- ❖ The Library acquired 1,311 additional volumes of learning materials consisting of 1,056 books with 870 titles, 21 serials, 17 audio-visual materials, 212 theses and dissertations, and 5 terminal reports. These made a total of 52,870 volumes of library accessions. Library donors were the Food and Agricultural Organizations of the United Nations (FAO-UN), William Barry Thompson Foundation Marketing Development "Book-of-the-Month" Programme, International Rice Research Institute (IRRI), Asian Productivity Organization, Asian Development Bank (ADB), National Academy of Science and Technology

(NAST), and NGOs, GOs, research centers and departments.

- ❖ The Library acquired a colored TV, VHS rewinder, computer, laser printer, and karaoke.

## **INFIRMARY**

- ❖ The Infirmary served 2,868 outpatients; 16 inpatients; and 5,217 clients in its physical examination, 331 - immunization, and 2,285 - dental services.

## **LAND USE AND AGRIBUSINESS PROJECT OFFICE (LUAPO)**

### **Land Use Planning and Development Unit (LUPDU)**

- ❖ LUPDU served 48 requests for land preparation of experimental lots, 7 backhoe jobs, and 1,158 hauling; 35 welding, 1,780 vulcanizing, 15 car washing, and 10 engine overhauling services.

### **Guest House and Pavilion (GHP)**

- ❖ GHP earned an income of P2.0M from lodging/catering services during conventions, trainings, and special occasions.
- ❖ The Guest House walls were repainted, the Pavilion kitchen was expanded, and office tables and chairs were constructed and/or repaired.
- ❖ Fifteen (15) beds with cushion, 10 electric fans, 2 pulley lamps, and 100 bedding sets were procured.

### **ViSCA Printing Press (VPP)**

- ❖ VPP earned a gross income of P491,916.32, from printing services and from binding of terminal reports, study guides, laboratory manuals, proceedings, compilations, and regular publications.



# GENERAL ADMINISTRATION

College goals and programs were backstopped by 296 administrative and support staff members consisting of 1 Ph.D., 19 MS and 126 BS degree holders; 44 graduates of Certificate courses; 30 reached College level; and 71 high school and 9 elementary graduates. The numbers of staff according to their employment status were: 292 - permanent and 4 - temporary.

The institutionalization of the ViSCA System with five member-schools under it coincided with the significant time when ViSCA took a new administrative leadership during the last quarter of the year.





## OFFICE OF THE PRESIDENT (OP)

The Office of the President provided leadership to the ViSCA System in support of its development plans and programs. The offices/units directly under OP achieved the following:

1. The College Management Office (CMO) provided centralized management support to the OP in planning and organizing ViSCA System operations. Its units accomplished the following:
  - a. The Planning and Development Office (PDO) consolidated the annual development plans and accomplishment reports of all units of the ViSCA System; prepared the 1998 ViSCA Annual Report, Ten-Year Development Plan (2000-2009), and proceedings of the Collegewide Ten-Year Development Planning-Workshop and the Conference-Workshop of Member-Institutions Under the ViSCA System; updated the 1999-2000 statistical profiles of students and faculty, and the facts and figures; provided supporting documents in budget preparation; answered survey queries from JICA-ATI, AACCUP, Congress, DA, NEDA, SEARCA, ACAP, CHED, and SUC; and served in various committees of College-sponsored activities.
  - b. The Public Information and Community Relations Office (PICRO) published 11 issues of the ViSCA Newsletter, 2 Pre-AACCUP Series, and 2 Accreditation Updates; produced 10 college albums in support of ViSCA's application for university status; provided a guided tour to 9,419 campus visitors and attended to 127 guests; posted a pictorial exhibit during the 75th ViSCA Anniversary; maintained the centralized announcement board; assisted the MIS in the production of annual reports, photo documents, and brochures; documented College activities; and provided editing assistance to other offices.
  - c. The Management Information System (MIS) designed and layouted the monthly college publication (ViSCA Newsletter), annual report, and brochures; prepared programs and certificates of administration-sponsored trainings and activities, prepared data for CHED regular update; and compiled basic information of the College.
  - d. The Financial Management Office (FMO) prepared the College annual and long-term budgets; allocated financial resources to different programs and projects; and coordinated with the DBM concerning the ViSCA System's financial requirements. Table 9 presents the allotments, expenditures and balances for CY 1998 and 1999.
  - e. The Internal Control Unit (ICU) audited the ViSCA-BIDANI 1997-1999 funds; facilitated the EPRD/VEFI closing conference; reconciled employee leave credits and 1996-1999 telephone remittances; verified IGP monthly reports, employee plantilla, contracts, salary adjustments, and work overload; and cross-checked remittances of collections, fund source of salaries/wages, memo-receipts, and equipment. It also witnessed public biddings of the Crop Processing Building (Phase III), beach erosion and flood control system, materials/parts/supplies as well as the public auction of used tires/batteries; inventory of SPMD and RF materials/supplies and IGP farm products and breeding animals, memo-receipts, equipment, semi-expendable materials/supplies; and disposal of unserviceable college properties.
2. The Office of the College/Board Secretary (OCS) organized the meetings and recorded the minutes of 4 Advisory Council (ADCO), 1 Academic Council (AC), and 5 Board of Trustees (BOT) meetings; distributed excerpts of minutes to concerned offices/personnel; and coordinated the General Academic Convocation, and the 46<sup>th</sup> Collegiate Commencement Exercises.



Table 9. ViSCA's Allotments, Expenditures, and Balances for CY 1998 and 1999.

Function	Allotment		Expenditure		Balances	
	1998	1999	1998	1999	1998	1999
A. Instruction Services						
1. Advanced Education	8,676,000	9,195,000	8,661,581	8,373,226	14,419	821,774
2. Higher Education	52,579,000	58,435,000	52,419,092	57,194,068	159,908	1,240,932
3. Secondary Education	6,742,000	6,832,000	6,742,000	6,460,668	-	371,332
B. Research Services	30,287,000	34,467,000	28,930,876	30,584,375	1,356,124	3,882,625
C. Extension Services	7,121,500	6,726,000	6,859,082	7,140,570	262,418	(414,570)
D. Auxiliary Services	7,972,000	8,451,000	7,917,995	8,691,521	54,005	(240,521)
E. Gen. Administration and Support Services	46,757,470	51,878,649	46,347,903	48,877,416	409,567	3,001,233
F. Building & Structure Outlay	1,000,000	-	46,574	-	953,426	-
G. Capital Outlay	-	10,090,000	-	2,236,088	-	7,853,912
H. Productivity Incentive Bonus	946,000	1,024,000	946,000	1,006,000	-	18,000
I. Foreign-Assisted Projects	4,074,200	2,917,336	2,842,325	2,518,139	1,231,875	399,197
TOTAL	166,155,170	190,015,985	161,713,428	173,082,070	4,441,742 <sup>1</sup>	16,933,915 <sup>2</sup>

<sup>1</sup> Continuing in 1999 and expended

<sup>2</sup> Continuing in 2000



3. The ViSCA Manila Office (VMO) which serves as the liaison office in Manila, facilitated linkage and communication with government and private offices; ensured the delivery of mails, parcels, and documents to the Congress, Senate, CHED, NEDA, DA, BAR, DOST, DECS, PCARRD and UP; and accommodated ViSCA's official guests.

#### **OFFICE OF THE VICE PRESIDENT FOR ACADEMIC AFFAIRS (OVPA)**

The OVPA provided overall supervision to the following units under it: Offices of the Directors of Instruction, Research and Development, Extension and Non-Formal Education, Graduate School, Open University, Student Affairs, Library, and Registrar, as well as academic departments. Specifically, OVPA monitored the general registration of undergraduate and graduate students; facilitated the conduct of academic convocation, AACUP First Re-Survey Visit, sustainable agriculture seminar-workshop, public forum, and ocular inspection, and in-house review of R&D and Extension Programs; reviewed faculty development; evaluated faculty workload and appointments; and assisted OP in the integration of CHED-supervised institutions into the ViSCA System

The ViSCA Open University (VOU) had the following accomplishments: developed 2, revised 5, and reproduced 38 study guides for graduate students' use; improved the procedure of payment of study guides and tuition fees; coordinated student enrolment with the Registrar's Office; intensified ViSCA's information drive in the Visayas and Mindanao regions; and formulated policies for the semestral scheme of the distance learning program. VOU's enrolment increased by 15.78%. Eleven graduated from its MAgDev curriculum. A Summer Consultation Dialogue was held on May 24-June 4 with 105 students and 30 professors as participants.

#### **OFFICE OF THE VICE PRESIDENT FOR ADMINISTRATION (OVPA)**

The Office of the Vice President for Administration reviewed resource utilization policies; facilitated/sourced out funds for personnel training, educational trips, and basic office facilities; systematized the collection of the 1999 community tax and renewal of group accident insurance; published bid notices; and coordinated the 99th CSC anniversary celebration, collegewide physical fitness program with the Department of Physical Education, VAPA poster/drawing contests, IGP planning-workshop, and LEYECO IV recalibration of campus electric meters. The line offices under the Vice President for Administration had the following accomplishments:

1. The Office of Administrative Affairs (OAA) facilitated the regularization of positions of 4 drivers, 8 utility workers, and 6 reproduction machine operators, as well as the upgrading of 3 administrative positions; coordinated the bidding of contracts; prepared the ViSCA qualification standard; and revised the non-teaching personnel performance evaluation system for BOT approval, and the ViSCA Code for the Administrative Council's review.
2. The Human Resource Management and Development Office (HRMDO) conducted 3 series of values orientation workshops; facilitated the upgrading of 72 non-teaching personnel, promotion of 8 non-academic personnel, regularization of 26 administrative staff, recruitment of 10 academic and 2 non-academic personnel, and change of employment status of 8 academic and 4 non-academic staff; conducted training needs survey for CY 2000; and advised some personnel on public relations and work ethics.
3. The Legal Office facilitated the filing of counter affidavits with the Office of Presidential Committee Against Graft and Corruption and the Ombudsman (Visayas); reported to OP some important problems and recommended courses of action to solve them; and provided secretarial services



- to the BOT, Student Disciplinary Tribunal, and other committees in the preparation of transcripts of proceedings.
4. The Cash Division ensured the systematic collection of students' fees, loan repayments, and IGP income; disbursement of funds as to obligation; and remittance of collections to the servicing bank, GSIS, BIR, and HMDF.
  5. The Accounting Division conducted a seminar-workshop on Accounting Systems and Procedure Update in coordination with BIR, GSIS and SSS, and a financial management workshop with cooperating stations in coordination with the PRCRTC. It also coordinated with the Cash Division on the weekly submission of financial reports as required by other government agencies.
  6. The Records Division facilitated the approval on the disposal of valueless records by the Records Management and Archives Office (RMAO); initiated the establishment of a mini-museum showcasing old photographs and archival documents; mailed 22,916 official mails and delivered 44,746 official documents; prepared reports of stamps used; facilitated the oil painting of ViSCA's past administrators for display at the mini-museum; conducted inventory of records; and treated and air-conditioned the office storage rooms.
  7. The Supply-Property Management Division (SPMD) conducted stocks and physical inventories and public bidding of materials/parts/supplies; completed all transactions with suppliers; facilitated emergency purchases and delivery of laboratory/office equipment; devised stock monitoring system and record keeping; established an annual inventory flowchart; developed a return slip format for serviceable and unserviceable equipment; and continued the services of the fuel station.
  8. The ViSCA Cebu Office (VCO) which serves as the College liaison office for the central and western Visayas, facilitated the procurement of materials/parts/supplies; repaired the water pump; and constructed an additional office room.
  9. The Physical Plant Office (PPO) completed the construction of the Graduate School Center, repaired the ViSCA Manila and Cebu Offices, and the old administration building; prepared technical plans and specification of the BIDANI Micro Finance Office; constructed the *tilapia* pond perimeter fence, flood and beach erosion control system, DOH basement, and *Balay Alumni*; and supervised job contracts for the repair of the DASS, DPBAB, CSR, and DAEA buildings as well as the DAEAM instrumentation room, oval stage, *tilapia* fishpond, DOH laboratory room and laboratory tables (phase 1). It also repainted College Library ceiling/wall, fabricated bunk beds, installed poultry house screen and culverts at the market, and completed the construction of perimeter fence along the national highway.  
 The PPO Utilities Division installed electrical wiring and lighting fixtures at the Graduate Learning Center and Gymnasium; re-calibrated electric meters of staff houses, mounted electric posts and additional campus streetlights; repaired water main lines, intake boxes, supply lines and sewer; and attended to 204 electrical, 202 plumbing, and 88 sound system job requests.  
 The PPO Transportation and Motorpool Division completed the top overhauling of the Toyota Land Cruiser of the OP and VOU; overhauling of the B-36 Isuzu Bus and service motorcycle engines of HRMDO, RCRC, OVPA, FARMI, and Accounting Division; body and engine repairs of the Toyota Hi-Lux, cargo vehicle and trailer of RCRC, Feedmill truck, and garbage truck; and conversion of four FARMI vehicles. It also attended to 611 minor repairs, 115 welding, and 57 lathe work.
  10. The Office of the Security Services investigated vandalism and mauling incidents, destruction of experiment, and illegal fishing; conducted an open forum on the proposed campus traffic route; and successfully negotiated for the relocation of its office at the new Administration building.



## Training/Seminars Attended

- ❖ A total of 165 administrative staff members attended 106 different kinds of national, regional and local trainings on values orientation, accounting and auditing for research operations, environmental protection and management, public resource management, updates on the rules and regulations of personnel benefits, gender responsive program development, Y2K forum, building management and employee partnership, human resource planning, total quality management, computer use, campus security and investigation, CSC laws and rules, records and information management system, anti-drug abuse, disaster emergency assistance,

starting an archive, portfolio of librarians, digital delivery of scientific information to libraries and information centers, campus advising and student discipline, student service program, and medical updates and issues. Some administrative staff also served as resource persons in a regional and 20 local trainings (Table 10).

## Acquisitions

- ❖ The administrative offices acquired 5 computers; 4 printers; 1 airconditioner; 2 UPS; 2 refrigerators; 4 stand fans; 5 steel cabinets; 2 computer tables; 7 counter tables; 1 unit each of office table, chair, coffee cart, cork board, chest hanging cabinet and typewriter; 3 calculators; and a dictionary.

Table 10. Trainings attended by the administrative staff in 1999.

Office	NUMBER OF TRAINING AND PARTICIPANTS						As Resource Person	
	National		Regional		Local		Regional	Local
	Training	Participant	Training	Participant	Training	Participant		
Accounting Division	3	3	-	-	-	-	-	1
Guest House & Pavilion	-	-	-	-	1	4	-	-
HRMDO	1	1	1	1	4	4	-	-
ICU	2	2	1	1	3	3	-	-
Infirmery	2	2	12	16	10	16	-	-
Library	6	8	-	-	4	9	-	-
LUAPO	-	-	-	-	2	2	-	-
LUPDU	-	-	-	-	1	1	-	-
OAA	3	3	1	1	1	3	-	1
OCS	1	1	-	-	-	-	-	2
OSA	4	6	2	2	8	21	-	5
OVPA	8	8	5	5	-	-	1	10
PDO	-	-	1	1	1	3	-	-
PICRO	-	-	1	1	3	3	-	1
Records Division	-	-	-	-	3	3	-	-
Security Office	2	2	2	2	2	2	-	-
SPMD	1	2	-	-	4	23	-	-
<b>TOTAL</b>	<b>33</b>	<b>38</b>	<b>26</b>	<b>30</b>	<b>47</b>	<b>97</b>	<b>1</b>	<b>20</b>



# NOTABLES

Social and academic life of the ViSCA constituency was enriched through various educational and recreational undertakings.





The following events added accent to ViSCA's academic life.

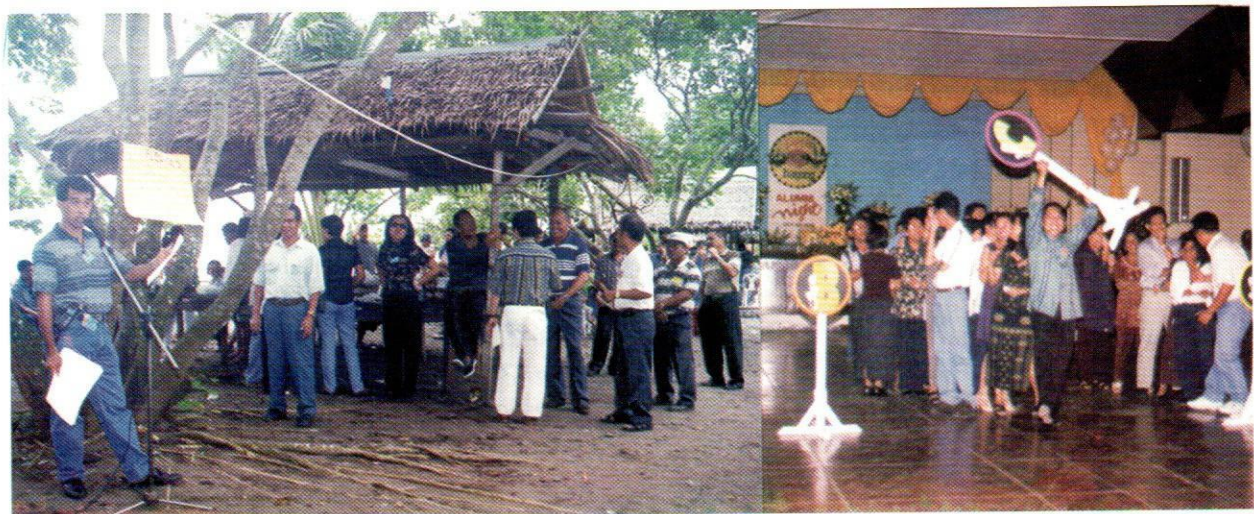
- ❖ The Honorable Vice-President Gloria Macapagal-Arroyo, who is the incumbent Secretary of Social Welfare and Development, served as guest-of-honor in the Second Congress of the Leyte Association of Barangay Health Workers (LA-BHW) on November 12. She marked her visit by planting a tree in front of the Gymnasium.
- ❖ The Honorable Teresa Aquino-Oreta, Chairman of the Senate Committee on Education, Arts, and Culture and Member of the ViSCA Board of Trustees, gave the keynote address during ViSCA's 46th Collegiate Commencement Exercises on March 29. Her speech centered on education as the key to national progress
- ❖ Secretary Angelito T. Banayo, Presidential Adviser on Political Affairs, as guest speaker during ViSCA's Diamond Jubilee Convocation on July 31, emphasized the importance of agriculture in uplifting the country's economy.
- ❖ Honorable Virginio E. Villamor, Municipal Mayor of Carmen, Cebu and a ViSCA alumnus, inspired his fellow farmers and ViSCA alumni by serving as guest speaker during the Farmers' Field Day on July 30.
- ❖ Commissioner Kate C. Botengan of the Commission on Higher Education (CHED); Congresswoman Maria Catalina L. Go of the 5<sup>th</sup> District of Leyte; Leyte Governor Remedios L. Petilla; Dr. Alice J. Tan, Vice President of the University of Cebu; Dr. Cres V. Chan-Gonzaga, President of the Leyte Normal University; and Dr. Percy E. Sajise, Director-General of the Southeast Asian Regional Center for Graduate Study and Research in Agriculture (SEARCA) represented by Dr. Editha C. Cedicol, SEARCA Director of Graduate Program, gave inspiring messages supportive of ViSCA's new leadership during the investiture rites of, Paciencia P. Milan ViSCA President on December 3.
- ❖ Dr. Felix Librero, Vice-Chancellor of the UPLB-Open University who served as guest speaker during the 10<sup>th</sup> Anniversary Convocation Program of the ViSCA Environmental Movement (VEAM) on September 23, eloquently articulated his concept on "Environmentalism: An Individual and Collective Action."
- ❖ Dr. Elvira C. Torres, Officer-in-Charge of the Eastern Visayas Integrated Agricultural Research Center (EVIARC), DA-R8, paid her alma mater a short visit when she served as guest speaker during its 20<sup>th</sup> Honors and Awards Convocation on February 17. In her speech, she shared some tips for successful career development.
- ❖ The ViSCA Batch '57-'99 Grand Alumni Homecoming opened with an evening socials on July 29 and a symposium on "Agriculture in the Next Millennium" on July 30. Achievement awards for outstanding alumni were given to: Dr. Jose Mazo, for public service; Dr. Rex N. Bernardo, for research; Dr. Tito Contado, for extension; Dr. Samuel S. Go, for administration; Mrs. Bienvenida Alano, for entrepreneurship; and Mr. Bernardo B. Tocmo, for philanthropy.
- ❖ Special Awards were given during the 75<sup>th</sup> ViSCA Anniversary Convocation held on July 31, 1999 to the following:
  - Deutsche Gesellschaft fur Technische Zusammenarbeit (GTZ), International Rice Research Institute (IRRI), Director Ligaya L. Gonzaga of the Civil Service Commission-Region 8 and Director Manuel T. Bernal of the Department of Budget and Management-Region 8 - *Sandigan Award*.
  - Dr. Jose R. Juego, Dr. Rodolfo A. Paningbatan, Dr. Federico G. Villamayor, Jr., Dr. Clara F. Colis (posthumous), Prof. Ricarda B. Taganas, Prof. Alicia S. Agarcio, Dr. Carmiano M. Miranda III, Ms. Linda K. Miranda, Mr. Silvestre F. Buzon, Ms. Reynalda M. Taripe, Ms. Deborah M. Ugsang, Ms. Anecia C. Fernandez, Mr. Esmeraldo S. Managbanag,



- Mr. Julian V. Cañas, Mr. Leodegario B. Posas, Mr. Jose B. Soria, and Mr. Delfin A. Donayre - *Mt. Pangasugan Award*.
- Mr. Bernardo B. Tocmo, a ViSCA alumnus - *Special Achievement Award*
  - Prof. Andres F. Duatin and wife, Prof. Lilia Y. Duatin - *Family-of-the-Year Award*.
- ❖ The Department of Agricultural Economics and Agribusiness (DAEA) awarded the department's outstanding alumni during the DAEA Alumni Convocation on July 30. The awardees are Dr. Pedro T. Armenia, Dr. Salome B. Bulayog, Dr. Elvira C. Torres, and Mr. Morris A. Alve - for academic achievements; Msrs. Allan R. Bisnar, Ricafort C. Gamboa, Aristeo N. Filipino, Ferdinand Y. Seno, Rayzen P. Tolorio (posthumous), and Bernardo B. Tocmo - for leadership/administration; Mses. Jona B. Chan, Elisea O. Armenia, Feliciana R. Un, and Emelba A. Cruz, and Mr. Elias C. Delector - for entrepreneurship; and Mr. Rey F. Evangelista - special achievement award.
- ❖ Mr. Linnito M. Pascual received the Governor Remedios L. Petilla Award as Outstanding Student of ViSCA and together with three other honor graduates, Mr. Dexter B. Bastasa, Ms. Mylene M. Po, and Joann Claire D. Pardales, received the Breeders Award of Excellence during the 46<sup>th</sup> Collegiate Commencement Exercises held at the ViSCA Gymnatorium on March 29.
- ❖ Ms. Lalaine F. Magnifica was crowned 1999 Miss ViSCA Diamond Jubilee Queen on July 30 with the other winners: Ms. Ingrid Mari Russel, First Runner-Up; Ms. Liza Beth D. Uy, Second Runner-Up; Ms. Aleli Lyn O. Landerito, Third Runner-Up; and Ms. Maria Theresa Judith G. Sungahid, Fourth Runner-Up.
- ❖ The ViSCA-DASVM Wild Bison Team emerged as champion in the 1999 Invitational Rodeo competed by the teams of Animal Science students from the University of Silliman (SU), Xavier University (XU), and ViSCA on July 31.
- ❖ ViSCA Diamond Jubilee booth contest winners in the different categories were: a) Course-Related/Regional Student Organizations: United *Camotesians* Student Organization (UCSO) - Most Symbolic and Most Artistic Booth; Student Union of Agronomy and Soil Science Majors (SUASSM) - Most Environment-Friendly and '99 Diamond Anniversary Booth; b) Greek-Lettered/Religious Student Organizations: *Lakas-Angkan* Ministries, Inc. (LAMI) - Most Symbolic and '99 Diamond Anniversary Booth; D' Builders - Most Artistic Booth; Catholic Youth United for Truth (CYUT) - Most Environment Friendly; c) ViSCA-Based Departments/Centers: National Abaca Research Center (NARC) - Most Symbolic, Most Artistic, Most Environment-Friendly, and '99 Diamond Anniversary Booth; and d) Outside Exhibitors: Philippine Coconut Authority (PCA) - Most Symbolic, Most Artistic, Most Environment-Friendly, and '99 Diamond Anniversary Booth.
- ❖ The ViSCA Faculty Association (VFA) and the Department of Arts and Letters (DAL) co-sponsored a stage play "*Ang Awit ni Francis B.*," a theatrical-cultural presentation of the Cultural Center of the Philippines (CCP). Held at the Gymnatorium, the play portrayed the life of Francisco S. Balagtas, the greatest Filipino poet, intertwined with the story of "Florante at Laura," one of his masterpieces.
- ❖ The Department of Development Communication (DDC) staged on November 26-27 an environmental play entitled "*Kaniadto Sa Karon*," written by SL Francisco, and directed by DDC staff with major cast consisting of BSDC students and Mr. Jude Nonie Sales.
- ❖ The ViSCA Environmental Awareness Movement's (VEAM) 10<sup>th</sup> Anniversary and September Environmental Month Celebration culminated with the following activities: poster-making and waste recycling contests, field trip to the Jungle Valley, convocation program, and an adopt-a-river campaign to involve local communities.



*In her speech as ViSCA's commencement speaker, Senator Teresa Aquino-Oreta stressed the importance of education in attaining national development goals.*



*Always eager to visit their alma mater and meet old acquaintances, the alumni held a grand homecoming which included a series of fun-filled activities.*



# LINKAGES

ViSCA's proven capability to undertake development programs drew the unrelenting support of various institutions to its projects and activities in instruction, research, and extension.





The following agencies and institutions provided assistance by funding research and extension projects; granting scholarships, travel funds, equipment, and service vehicles; and collaborating with ViSCA in information technology exchange:

#### A. International

- Asian Development Bank (ADB)
- Asian Institute of Forest Management (AIFM)
- Asian Network for Sweetpotato Genetic Resources (ANSWER)
- Asia-Pacific Agroforestry Network (APAN)
- Asian Pacific Association of Forestry Research Organization (APAFRO)
- Australian Centre for International Agricultural Research (ACIAR)
- Australian Centre for Publications Acquired for Agricultural Development (ACPAD)
- Bishop Museum, Honolulu, Hawaii
- British Museum (Natural History Museum) - London
- CIRAD, France - c/o PhilRootcrops
- Center for International Forestry Research (CIFR)
- Centro Internacional de Agricultura Tropical (CIAT)
- Centro Internacional de Agricultura Tropical - Forage for Smallholders Project (CIAT-FSP)
- Centro Internacional de la Papa (CIP)
- CMMYT
- Conservation Farming for Tropical Uplands (CFTU) Program
- Cornell International Institute for Food, Agriculture, and Development (CIIFAD)
- Darwin Initiative, UK
- Department of Postharvest Science of Fresh Produce (DPSFP), Israel
- Deutsch Gessellschaft fur Technische Zusammenarbeit (GTZ) GmbH
- Food and Agriculture Organization-United Nations (FAO-UN)
- Forestry Fuel Research and Development (F/FRED)
- Forestry Research Support Programme for Asia and the Pacific (FORSPAP)
- Foundation for Advanced Studies in International Development (FASID)
- German Development Service (DED), Germany
- German Ministry of Postal Service through Flanking Program
- International Center for Living and Aquatic Resources Management (ICLARM)
- International Centre for Research in Agroforestry (ICRAF)
- International Development Research Centre (IDRC)
- International Foundation for Science (IFS)
- International Institute of Entomology (IIE), London
- International Institute for Rural Reconstruction (IIRR)
- International Network on Soil Fertility and Sustainable Rice Farming (INSURF)
- International Plant Genetic Research Institute (IPGRI)
- International Rice Research Institute (IRRI)
- International Tropical Timber Organization (ITTO)
- International Union of Forestry Research Organization (IUFRO)
- Japan International Cooperation Agency (JICA)
- Japan Society for the Promotion of Science (JSPS)
- Museum of Natural History - Vienna, Austria
- Natural Resources Institute - Southeast Asian Program for Potato Research and Development (NRI-SAPPRAD)
- Netherlands Management Cooperation Programme (NMCP)
- New Zealand Embassy (NZE)
- Nitrogen-Fixing Trees Association (NFTA)
- Overseas Development Institute (ODI)
- Oxford Forestry Institute (OFI)
- Rice IPM Network, IRRI
- Southeast Asian Regional Center for Graduate Study and Research in Agriculture (SEARCA)
- Tropical Forest Ecosystem Management, China
- Tropical Development Research Center (TDRC)



- United States Agency for International Development (USAID)
- User's Perspective with Agricultural Research and Development (UPWARD)
- Vetiver Network, USA
- William Barry Thompson Foundation Marketing Development Programme
- Winrock International (WINROCK)
- World Neighbors (WN)

## **B. National/Local**

### ***Government Agencies***

- Agricultural Education European Economic Council (AEEEC)
- Agricultural Training Institute-National Training Center (ATI-NTC), Visayas
- Agricultural Training Institute-Regional Training Center (ATI-RTC), Zamboanga del Sur
- Animal Product Development Center (APDC)
- Asian Media Information and Communication Center (AMIC)
- Association of Non-Traditional Education in the Philippines (ANTEP)
- Bureau of Internal Revenue (BIR)
- Bureau of National Treasury (BNT)
- Bureau of Postharvest Research and Extension, Nueva Ecija
- City Agriculture Services Office (CASO), Ormoc City
- Camp Downes, Ormoc City
- Central Visayas Regional Project (CVRP)
- Civil Service Commission (CSC)
- City Government of Ormoc
- Commission on Audit (COA)
- Commission on Election (COMELEC)
- Commission on Higher Education (CHED)
- Commission on Higher Education - Fund for Assistance to Private Education (CHED-FAPE)
- Cooperative Development Authority (CDA) - Extension Projects, Region 8
- Department of Agrarian Reform (DAR)
- Department of Agriculture (DA)
- Department of Agriculture-Bureau of Agricultural Research (DA-BAR)
- Department of Agriculture - Agricultural Training Institute (DA-ATI)
- Department of Budget and Management (DBM)
- Department of Coordinating Council for Leyte and Samar (DCCLS)
- Department of Education, Culture, and Sports (DECS)
- Department of Energy-Nonconventional Energy Division (DOE-NCED)
- Department of Environment and Natural Resources (DENR)
- Department of Labor and Employment (DOLE)
- Department of Interior and Local Government (DILG)
- Department of Health (DOH)
- Department of Health-Bureau of Licensing and Regulations, Manila
- Department of Health-Bureau of Research and Laboratories, Manila
- Department of Health-Rural Health Unit I, Baybay, Leyte
- Department of Health, Tacloban City
- Department of Public Works and Highways (DPWH)
- Department of Social Welfare and Development (DSWD)
- Department of Trade and Industry (DTI)
- Department of Science and Technology (DOST)
- Department of Science and Technology (DOST)-Science Education, Inc.
- Development Bank of the Philippines (DBP)
- Ecosystem Research and Development Bureau (ERDB)
- Educational Development Program Implementing Task Force (EDPITAF)
- Environmental Legal Assistance Center (ELAC)
- Environment Management Bureau (EMB)
- Fiber Development Authority (FIDA)
- Forest Management Bureau (FMB)
- Forest, Trees, and People Network (FTPN)
- Government Service Insurance System (GSIS)
- Home Mutual Development Fund (HMDF)
- House of Representatives
- Internal Service for National Agricultural Research (ISNAR)
- Land Bank of the Philippines (LBP)



- Land Transportation Office (LTO)
- Local Government Agency (LGA) - DILG - Extension Projects, Pasig City
- Local Government Units (LGUs), Leyte/Southern Leyte/Biliran/Guimaras
- Local Government Units (LGUs) - Outreach Projects, Palawan
- National Academy for Science and Technology (NAST)
- National Agricultural Resources and Development Network (NARDN)
- National Economic Development Authority (NEDA)
- National Commission for the Culture and Arts (NCCA)
- National Integrated Protected Areas Programme (NIPAP)
- National Irrigation Administration (NIA)
- National Postharvest Institute for Research and Extension (NAPHIRE)
- National Research Council of the Philippines (NRCP)
- National Seed Industry Council (NSIC)
- National Statistical Coordination Board (NSCB)
- National Telecommunications Commission (NTC)
- Office of Energy Affairs-Nonconventional Research Division (OEA-NCRD)
- Office of the Assistant Provincial Prosecutor - Baybay, Leyte
- Office of the Municipal Agriculturist (OMA), Baybay, Inopacan, La Paz, St. Bernard
- Office of the Provincial Agriculturist (OPA), Leyte, So. Leyte, Biliran, Samar, Negros Occ.
- Overseas Workers Welfare Administration (OWWA)
- Philippine Animal Health Center (PAHEC)
- Philippine Agricultural Resources Research Foundation, Inc. (PARRFI)
- Philippine Association of State Universities and Colleges (PASUC)
- Philippine Coconut Authority (PCA)
- Philippine Coconut Research and Development Foundation (PCRDF)
- Philippine Council for Agriculture, Forestry and Natural Resources Research and Development (PCARRD)
- Philippine Council for Aquatic and Marine Research and Development (PCAMRD)
- Philippine Council for Industry and Energy Research and Development (PCIERD)
- Philippine Federation of Rural Broadcasters (PFRB)
- Philippine Foundation for Environment (PFE)
- Philippine-German Environment Research and Development Program (PGERDP)
- PhilHealth
- Philippine National Bank (PNB)
- Philippine National Herbarium, Manila
- Philippine National Oil Company (PNOC), Leyte
- Philippine National Police (PNP), Baybay
- Philippine National Volunteer Service Coordinating Agency (PNVSCA)
- Philippine Phosphate (PHILPHOS) Co.
- Philippine Rice (PhilRice)
- Philippine Seedboard (PSB)
- Philippine State Universities and Colleges Computer Education System (PSUCCES)
- Philippine Textile Research Institute (PTRI)
- Population Commission (POPCOM)
- Provincial Agrarian Reform Coordinating Committee (PARCCOM)
- Provincial Health Office, Leyte
- Provincial Prosecutor's Office, Baybay
- Records Management and Archives Office (RMAO), Manila
- Silile Research Development Institute (SRDI)
- Social Security System (SSS)
- Technical Education and Skills Development Authority (TESDA)
- Upland Rice Research Consortium Program (URRCON)
- Western Leyte Provincial Hospital
- Western Samar Agricultural Resources Research Center (WESAMAR)

#### ***Non-Government***

- ABBC International Managers and Consultants, Inc., Southern Cotabato
- ABS-CBN-DYAB, Cebu City
- Allied Bank - Baybay Branch
- AIFAMUCO



- Baybay Water District
- Bendigo Farms, Leyte
- Blessed Philippines, Inc.
- Bohol Chronicle
- Bohol Times, Tagbilaran City
- Bombo Radyo, Cebu City
- Bread of Life Ministries
- Business Action Integration Foundation (BAIF)
- California Energy (CAL-TEN), Leyte
- Camotes Islands Multi-Purpose Cooperative (CIMPC)
- Castilla *Gintong Ani* Farmers Association (CAGAFA)
- CARE - Philippines
- Cebu Ornamentals Multipurpose Coop., Inc. (COMCI)
- Center for Peasants' Concern and Services (CENPECS)
- CIMMYT - c/o DPBAB
- Cienda, San Vicente Farmers Association (CSVFA)
- Coconut Industry Investment Fund (CIIF)
- Community Craft Association of the Philippines (CCAP)
- Cotton Development Authority (CODA)
- Diocesan Pastoral Secretariat
- Diocese of Maasin
- DEMOLAN Foundation
- Don Felipe Hotel, Ormoc City
- ERAP Foundation
- Environmental Legal Assistance Center (ELAC)
- Eastern Visayas Telephone Company (EVTELCO)
- East-West Seed Company
- Foundation for Advanced Studies in International Development (FASID)
- Foundation for Resource Linkage and Development (FRLD)
- Golden Valley Inn, Cebu City
- Island Reporter, Ormoc City
- Jollibee, Ormoc City
- KANGARA Coop., Carigara, Leyte
- La Tondeña Distillery, Inc.
- Leyte Electric Cooperative (LEYECO IV)
- Leyte Park Hotel, Tacloban City
- Leyte-Samar Weekly, Tacloban City
- Leyteño Association, Ontario, Canada
- LIDE Development Corporation
- *Mag-uugmad* Foundation Inc. (MFI)
- Martinez Farms, Leyte
- Mindanao Foods Corporation, Cebu City
- MRC Allied Industries, Inc.
- Ormoc Observer, Ormoc City
- Ormoc Villa Hotel, Ormoc City
- ORPFLOMCO, Ormoc City
- Pacific Traders and Manufacturing Corporation, Mandaue City
- People's Movement for Empowerment and Development (PMED)
- Philippine Partnership for the Development of Human Resources in Rural Areas (PHILDHRA)
- Philippine Records Management Association (PRMA)
- Plan. International
- Ramon Aboitiz Foundation, Inc. (RAFI)
- Rural Bank of Kananga
- Radio Communications of the Philippines, Inc. (RCPI)
- Small Islands Agricultural Support Services Programme (SMISLE)
- Saint Michael Development Cooperative (SAMIDECO)
- San Miguel Corporation (SMC)
- Selected Ethnic Group Educational Assistance Program (SEGEAP)
- *Sibol ng Agham at Teknolohiya* (SIBAT), Quezon City
- State Special Study Grant
- Strategic Alliance of Volunteers for the Environment (SAVE), Baybay, Leyte
- Tacloban Star
- TAMBULI-UNESCO
- Tandaya Foundation, Inc.
- The Freeman, Cebu City
- Verbena Pension House, Cebu City
- ViSCA Foundation for Agricultural and Rural Development (ViFARD)
- ViSCA Credit Cooperative (ViSCCo)



- ViSCA Educational Foundation, Inc. (VEFI)
- Weed Science Society of the Philippines (WSSP)
- Western Leyte Foundation for Agro-Rural Entities, Inc. (WELFARE)
- Women Health Philippines (WHP)
- Women Studies Association of the Philippines (WSAP)

### C. Educational Institutions

#### *International*

- Cornell University (CU)
- Kasetsart University (KU)
- King Mongkut's Institute of Technology Thonburi (KMUTT), Bangkok, Thailand
- Louisiana State University (LSU)
- Nagoya University-International Cooperative Center for Agriculture Education, Japan
- National Taiwan University, Republic of China
- Satya Wacana Christian University, Indonesia
- University of Alexander von Humboldt-Museum of Natural History, Berlin, Germany
- University of Freiburg, Germany
- University of Georgia (UG)
- University of Giessen, Germany
- University of Guelph, Canada
- University of Halle, Germany
- University of Hohenheim, Germany
- University of Helsinki-Department of Plant Production-Horticulture Section, Finland
- University of Joensuu, Finland
- Universiti Pertanian Malaysia (UPM)
- University of Queensland, Australia
- University of Reading (UR), UK
- University of Reading-Agricultural Extension and Rural Development Department, (UR-AERDD)
- University of Ryukyus-Department of Bioproduction (UR-DB), Okinawa, Japan
- University of Tsukuba, Japan
- University of Tsukuba-Institute of Agriculture and Faculty (UT-IAF), Japan
- University of Waikato, New Zealand

#### *National*

- Antique College of Agriculture (ACA)
- Ateneo de Davao
- Ateneo de Manila University
- Bicol University-College of Agriculture (BUCA)
- Bohol Agricultural College (BAC)
- Don Mariano Marcos Memorial Polytechnic State College (DMMMPSC)
- Eastern Samar State College (ESSC)
- Franciscan College of the Immaculate Conception (FCIC)
- Mindanao State University (MSU)
- Northern Iloilo Polytechnic State College (NIPSC)
- Northern Mindanao State Institute of Science and Technology (NORMISIST)
- Panay State Polytechnic College (PSPC)
- Silliman University (SU)
- Sorsogon National Agricultural School (SNAS)
- Sorsogon State College
- Southern Samar Agricultural College (SSAC)
- State Polytechnic College of Palawan (SPCP)
- Surigao del Norte College of Agriculture and Technology (SNCAT)
- University of Eastern Philippines (UEP)
- University of Negros Occidental-Recoletos (UNO-R)
- University of the Philippines (UP)
- University of the Philippines - Open University
- University of the Philippines at Los Baños (UPLB)
- UPLB-Institute of Agroforestry
- UPLB-Institute of Pest Management
- UPLB-Institute of Plant Breeding
- UPLB-Museum of Natural History
- UPLB-Postharvest Horticulture Training and Research Center (PHHTRC)
- University of the Philippines-Tacloban-KADAYAO
- University of San Carlos (USC)
- Xavier University (XU)



## OFFICERS OF VISCA



# Heads of ViSCA Campuses

## CAMPUS

### **Main Campus**

*Visayas State College of Agriculture (ViSCA)  
Baybay, Leyte*

### **ViSCA-Alangalang Campus**

*Leyte State School of Agriculture (LSSA)  
Alangalang, Leyte*

### **ViSCA-Isabel Campus**

*Isabel National Agricultural and Vocational School  
(INAVS)  
Isabel, Leyte*

### **ViSCA-Tolosa Campus**

*Leyte State School of Fisheries (LSSF)  
Tolosa, Leyte*

### **ViSCA-Villaba Campus**

*Leyte National College of Agriculture, Science,  
and Technology (LNCAT)  
Villaba, Leyte*

## HEAD

**Dr. Paciencia P. Milan**  
*President*

**Mr. Pablo B. Pedrera Jr.**  
*Officer-in-Charge*

**Dr. Victor R. Ritaga**  
*VS Superintendent II*

**Dr. Celedonia DeAsis Palaña**  
*VS Superintendent II*

**Dr. Conchita N. Astrologo**  
*VS Superintendent II*



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*Vice President for Administration*

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*OIC, Research and Development*

**Dr. Guindolino R. Geron**

*OIC, Extension & Non-Formal Education*

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*Executive Officer*

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*College Secretary & OIC, College Mgt. Office*

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*OIC, Human Resource & Mgt. Development Office*

**Dr. Rolinda T. Sanico**

*OIC, Public Information & Community Relations Office*

**Engr. Climaco D. Espina**

*Director, Land Use & Agribusiness Project Office*

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*Head, Dept. of Arts & Letters*

**Dr. Sulpecio C. Bantugan**

*Head, Dept. of Animal Science & Veterinary Medicine*

**Dr. Wolfreda T. Alesna**

*Head, Department of Development Communication*

**Dr. Eduardo O. Mangaoang**

*Head, Dept. of Forestry*

**Dr. Eunice I. Beray**

*OIC, Dept. of Home Science*

**Dr. Misael T. Diputado Jr.**

*OIC, Dept. of Horticulture*

**Dr. Othello B. Capuno**

*Head, Dept. of Plant Breeding & Agricultural Botany*

**Prof. Remedios R. Russel**

*OIC, Dept. of Physical Education*

**Dr. Bimbo T. Mandras**

*Head, Dept. of Plant Protection*

**Prof. Dominador S. Ugsang**

*Principal, ViSCA Laboratory High School*

**Dr. Jose R. Pardales Jr.**

*OIC, Philippine Root Crop Research & Training Center*

**Dr. Lelita R. Gonzal**

*OIC, National Abaca Research Center*

**Dr. Rebecca M. Santiago**

*Director, Regional Coconut Research Center*

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