

Annual Report 2000

Visayas State College of Agriculture

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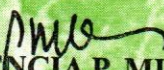


Foreword

The year 2000 proved to be a very fruitful and exciting year for ViSCA and its constituents. It was a year of painstaking work and noble accomplishments, triumphs as well as challenges. Notably, it was a year marked by the institution's rigorous efforts to revitalize its educational programs and catalytic role for countryside development. It was likewise characterized by initiatives to strengthen its organizational system and pursue its long overdue conversion into a university.

In instruction, research and extension, ViSCA has made significant strides. The successes are the result of hard work, commitment, and perseverance of everyone involved in carrying out its programs for the interest of the institution without counting cost. Its experiences during the year shall serve as guide and inspiration for further growth and development. In the years ahead, ViSCA shall strengthen its resolve to uphold relevance and excellence in all its pursuits for the well-being of its clientele, particularly the rural poor.

For all the blessings in year 2000, let us give glory and thanks to the Almighty God and seek His guidance and inspiration in the days ahead.


PACIENCIA P. MILAN
President

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Vision

ViSCA as center of excellence in education and research in agriculture and allied fields in the Visayas.

Panglantaw

Ang ViSCA mao ang sentro sa kahanas sa edukasyon ug pagpanukiduki bahin sa agrikultura ug sa ubang susamang pagtuon dinhi sa Kabisayaan.

Mission

Attainment of the highest quality of human capital and scientific knowledge for the sustained growth and development of agriculture, fisheries, forestry and agro-industries.

Katuyoan

Pagkab-ot sa pinaka-taas nga kalidad sa pagpalambo sa kahibalo ug kasinatian sa siyensiya alang sa tunhay nga pag-ugmad sa agrikultura, pangisda, kalasangan ug mga industriyang pang-agrikultura.

Highlights

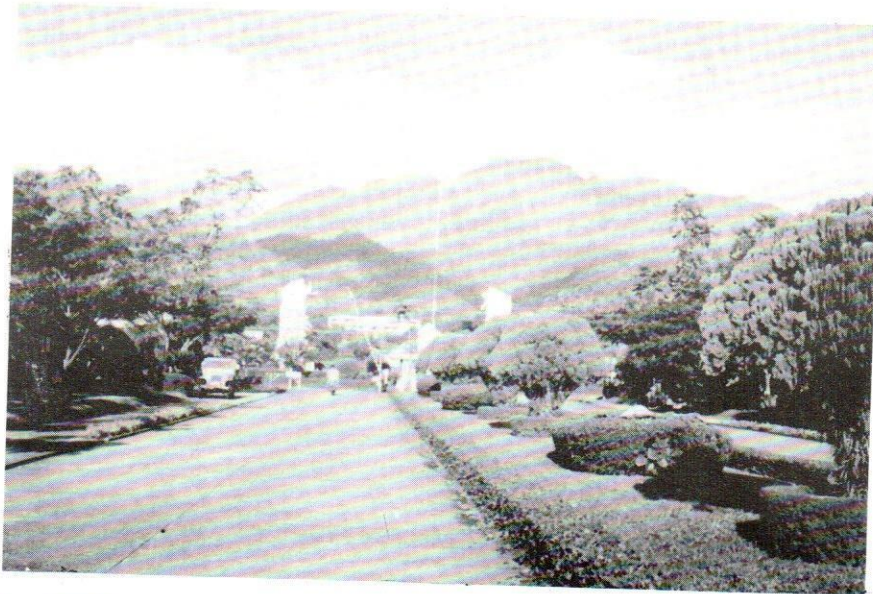
AWARDS AND ACHIEVEMENTS

The modification of ViSCA's vision, mission, goals, and objectives set the purpose, direction, and growth of the College as an agricultural educational institution. All functions, programs, and projects have been revitalized to conform to the desired institutional goals.

ViSCA's achievements and accomplishments affirm its commitment and bias towards agricultural and rural development.

Institutional Achievements

- ViSCA was named by the Commission on Higher Education (CHED) as the Center of Excellence in agriculture, agricultural engineering, and forestry and as the Zonal Research Center for Region 8 with an initial fund grant of P1M.



- ViSCA was accredited and authorized by the Bureau of Immigration to accept international students into its degree programs.
- The Professional Regulation Commission Board for Foresters accorded to ViSCA a certificate of recognition for having been adjudged as the 2nd Best Forestry School in the country.
- The Department of Agriculture's Bureau of Agricultural Research (DA-BAR) granted the ViSCA-based National Abaca Research Center (NARC) an institutional development support fund of P2M to upgrade its laboratory facilities, conduct upstream research, and acquire information/communication facilities and a service vehicle.

ViSCA conscientiously and skillfully performed its role in the service of its clientele and proved its meaningful existence as a government arm for countryside development.



Seed production of ViSCA Maize variety 2.

The new office building of the National Coconut Research Center-Visayas



- The ViSCA-based Regional Coconut Research Center was renamed National Coconut Research Center for the Visayas (NCRC-Visayas) following the request of the Philippine Coconut Authority to expand its studies to include biotechnology, engineering, and processing; and area of jurisdiction to cover the whole Visayas region.
- The ViSCA-BIDANI (Barangay Integrated Development Approach for Nutrition Improvement) Extension Project received a plaque of recognition from the UPLB-BIDANI, Institute of Human Nutrition and Food, College of Human Ecology for successfully implementing the BIDANI extension strategy.

The ViSCA-ROTC Unit during the National Annual Administrative and Tactical Inspection, Feb 27, 2000



- The ViSCA-ROTC Unit received from the Philippine Army an award of excellence for obtaining an excellent rating in the SY 1999-2000 National Administrative and Tactical Inspection/Evaluation conducted February 4-

March 3, and a certificate of merit from the Philippine Army Headquarters, Fort Andres Bonifacio, Makati, for its meritorious performance in the Advanced Cadet method of instruction in the same national annual tactical inspection.

- The Department of Horticulture received from the local government of Baybay, Leyte, a certificate of recognition for its technical assistance in the vegetable, ornamental, and fruit production project under the "One Village-One Commodity" agricultural program.
- The Department of Science and Technology-R8 presented plaques of recognition to the following: ViSCA Laboratory High School - for having topped in the National Intel Philippines Science Fair 2000; ViSCA Radio DYAC – for broadcasting science and technology in "*Heredero sa Kinaiyahan*" and "*Tekno-Siyensiya*" radio programs; and the Visayas Consortium for Agriculture and Resources Program – for its invaluable support as a sponsor of the National Science and Technology Week-Eastern Visayas Celebration held in Tacloban City on July 17-21.
- ViSCA graduates also excelled in licensure examinations. **Mr. Gildu R. Agoncillo**, BS Agricultural Engineering, copped **1st place** in the Professional Agricultural Engineer Licensure Examination given on September 19-20. Eight (8) out of 9 examinees passed the examination, giving ViSCA an institutional passing percentage of 88.9.
- **Mr. Jeremel D. Napiza**, BS Forestry graduate, ranked **3rd place** in the Foresters' Licensure Examination given on June 19-21. ViSCA obtained an institutional passing percentage of 44.00.
- **Ms. Jennifer T. Peña**, BS Agricultural Chemistry (*magna cum laude*) graduate, ranked **4th place** in the Chemist Licensure Examination given on September 12-13. ViSCA obtained an institutional passing percentage of 33.33.
- Four (4) out of 7 examinees passed the Doctor of Veterinary Medicine Licensure Examination given on August 15-17, and gave ViSCA an institutional passing percentage of 57.14.
- Forty-two (42) BS Agricultural Education and BS Home Economics graduates passed the Licensure Examination for Teachers given on August 17. ViSCA obtained an institutional passing percentage of 65.00.

Faculty and Staff Achievements

- Dr. Samuel S. Go, former ViSCA President, received an award of recognition from the Philippine Association for Graduate Education (PAGE)-R8 Chapter during its general assembly held in Tacloban City on February 5, for having been an ardent supporter of PAGE programs and projects during his term as ViSCA President and as PASUC-R8 Chairman.
- Dr. Remigio P. Mollaneda, Director of the Graduate School, received from PAGE-R8 an award of distinction as the "Founding Father" of the association during its general assembly held in Tacloban City on February 5.
- Dr. Lutgarda S. Palomar of the Department of Agricultural Chemistry and Food Science (DAC-FS) was selected by DOST-PCARRD-SEARCA as one of the 21

outstanding women to be featured in a book entitled "Outstanding Filipino Women Research Managers and Scientists in Agriculture and Natural Resources."

- Dr. Roberta D. Lauzon also of DAC-FS was cited in Who's Who in the World (MARQUIS).
- Dr. Lemuel M. Diamante of DAC-FS was awarded as Outstanding Alumnus (Academic) by the Bacolod City High School Alumni Association.
- Dr. Andresito D. Acabal of DAC-FS received awards as Best Science Project Adviser (Elementary Category) for having served as adviser of the research team which copped 1st place during the 1999-2000 National Intel Philippine Science Fair held at UP Diliman, Quezon City on March 6-9; 1st place at the regional level in Catbalogan, Samar on January 26-27; and 1st place during the VLHS Local Science Fair on January 30-February 1. He also got recognition for his role as adviser of the research team that won the 2nd place *Sibol* Award for Outstanding Student Creative Research-High School level, during the National Inventors' Week 2000 held in Pasay City on November 10-15.
- Prof. Marita I. Galinato of the Department of Plant Breeding and Agricultural Botany received the Marcos R. Vega Award from the Weed Science Society of the Philippines Inc. during the 31st Annual Scientific Conference of the Pest Management Council of the Philippines Inc. held in Baguio City on May 3-6.
- Dr. Julie D. Tan of the Philippine Root Crop Research and Training Center (PhilRootcrops) was accorded a trophy as country winner, and another trophy plus \$400 cash prize as international winner for her PhD dissertation paper entitled "Detection and Partial Purification of Bacteriocin Produced by Lactic Acid Bacteria from *Agos-os*" during the 7th ASEAN Food Conference held in Manila on November 19-22.
- Dr. Cecilia V. Silao of the Department of Arts and Letters received the Most Outstanding Doctoral Dissertation Award during the recognition program of the UP-College of Education on April 14 for her dissertation entitled "Community-and School-Based Knowledge of Environment in a Fishing-Agricultural Barangay,"
- Dr. Antonio L. Acedo, Jr. of the Department of Horticulture received from DA-BAR the AFMA Best Research Paper Award for his study "Improving Shelf Life of Bananas and Mango Fruits by Hot Water Treatment."
- Dr. Victor B. Asio of the Department of Agronomy and Soil Science was awarded as one of the "Outstanding Boronganons" by the Rotary Club of Borongan, Eastern Samar on September 5. In April, he was a Visiting Professor to the National Taiwan University in Taipei.
- Dr. Lelita R. Gonzal of the National Abaca Research Center (NARC) received a plaque of appreciation from PCARRD on July 11, for her dedicated and committed service to VICARP and dynamic leadership and guidance that enabled the consortium to attain its goals and objectives. She also received a certificate of appreciation as Commodity Team Leader of the Regional Fibercrops R&D Network on July 16.
- Prof. Luz O. Moreno of NARC received two plaques of recognition as Best Science Research Project Adviser and as coach of the research team that won



Dr. Julie D. Tan receives an award as international winner in the best paper competition during the 7th ASEAN Food Conference 2000.

1st place (Regular High School Team Category/Regular High School Category) during the National Intel Philippines Science Fair at UP Diliman, Quezon City on March 9, and at the regional level in Catbalogan, Samar on January 26-27. The team's research study was entitled "Screening of Indigenous Dye-Yielding Plants as Natural Dye for Abaca (*Musa textiles* Nee).

- Dr. Tomas J. Fernandez, Jr. of the Department of Animal Science and Veterinary Medicine (DASVM) was awarded as Outstanding Veterinarian in Education by the Philippine Veterinary Medical Association (PVMA)-Eastern Visayas during its 21st Annual Scientific Convention in Tacloban City on November 16-17.
- Dr. Alberto A. Taveros of DASVM was chosen as Most Outstanding Veterinary Alumnus during the Central Mindanao University (CMU) Veterinary Medicine Alumni Homecoming on September 13-15, and Most Outstanding Alumnus during the CMU Grand Alumni Homecoming on September 18-20. He likewise received the Best Paper Award for his study "Field Trial on Sow Productivity" during the PSAS Convention in Palo, Leyte on July 24-26; and a Special Citation for his research on "Implementing Better Local Practice/Technique to Enhance the Pig and Chicken Production System in Hindang, Leyte" during the PVMA Scientific Conference in Tacloban City on November 16-17.
- Prof. Lolito C. Bestil of DASVM was given recognition as adviser of the student team that won 1st place in the 2nd National Animal Science Quiz at UP Los Baños on February 14-18. He was also appointed team leader of the Regional Technical Working Group-Upland Plain SAFDZ-R8, and team member of the Regional Livestock and Poultry R&D Commodity Team.
- Dr. Eugene B. Lañada of DASVM received the DA Secretary's Award for his research paper entitled "Sow Performance In the Philippines" which was presented during the 12th National Research Symposium on the occasion of the DA-BAR Anniversary in Quezon City on October 18-21.
- Prof. Remedios R. Russel and Prof. Thelma C. Zafra of the Department of Physical Education were given certificates of recognition by the SCUAA-R8 for having served the association for five consecutive years while Dr. Othello B. Capuno of the Department of Plant Breeding and Agricultural Botany received a gold medal as SCUAA coach for men's basketball.
- The following six research project teams of ViSCA bagged awards during the 12th Regional Symposium on R&D Highlights held in Catbalogan, Samar on September 12-14: Dr. Wolfreda T. Alesna, et al. - silver award (Development Project Category), for their study entitled "Regional Research and Development Information System: The ViCARP Case;" Prof. Villaluz Z. Acedo - silver award (Basic Research Category), for her study on "Micropropagation of Purple Yam;" Dr. Lina T. Villacarlos - bronze award for her research entitled "*N. fresenii* as a Mortality Factor of the Black Bean Aphid, *Aphis craccivora*;" and Drs. Annabelle B. Tulin, Victor B. Asio, Jose R. Pardales and Dindo Campilan - bronze award for their study on "Establishment of Nutrient Deficiency Symptoms in Sweetpotato Root System." Moreover, Prof. Acedo and Dr. Tulin bagged 2nd and 3rd prizes, respectively, in the Best Poster Contest.
- Dr. Wolfreda T. Alesna, et al., received another plaque for their study entitled "Regional Research and Development Information System: The ViCARP

Case" which garnered the 2nd place (development project category) in the National Symposium on Agriculture and Resource Research and Development during PCARRD's 28th anniversary on November 9.

- Drs. Samuel S. Go, Antonia Cecilia Y. Sandoval, Lolita A. Zapatos, and Sixto P. Sandoval; Prof. Nancy V. Dumaguing; and Ms. Melodina C. Petilos and Elena I. Monteroso received plaques of recognition from the UPLB-BIDANI for serving the ViSCA-BIDANI for five years or more.
- Mr. Pedro I. Bandala of the ViSCA Laboratory High School was given a meritorious achievement award as coach of the VLHS students who won 2nd place (individual category) and 3rd place (team competition) in the regional Philippine Mathematics Olympiad in Tacloban City on December 6-7.
- During the 76th ViSCA Anniversary Convocation held on July 31, four faculty and six staff members were given awards for their outstanding work performance:

Dr. Manuel K. Palomar	- Academician of the Year and VFA-Metrobank Achievement Award
Dr. Justiniano L. Seroy	- Exemplary Performance in Teaching
Dr. Roberta D. Lauzon	- Exemplary Performance in Research
Prof. Elizabeth D. Briones	- Exemplary Performance in Extension
Ms. Delia L. Silao	- Exemplary Non-Academic Performance (Supervisory Level)
Ms. Erlinda S. Esguerra	- Exemplary Non-Academic Performance (Non-Supervisory Level)
Mr. Tirso P. Igot	
Mr. Abdon G. Malnegro	
Mr. Rogelio P. Managbanag	
Ms. Carmela A. Yamada.	



Dr. Manuel K. Palomar receives the VFA-Metrobank Achievement Award.

- Ms. Jeanette B. Israel of the Supply and Property Management Division received a certification from the Commission on Audit Resident Auditor, for having reconciled after 74 years the Physical Inventory Report of the properties under Fixed Assets-Land Buildings and Equipment with the general ledger balances as of December 31, 1998.
- From the ViSCA-Alangalang Campus, two personnel were given awards by the Local Government Unit of Alangalang, Leyte - Engr. Obdulio R. Masendo as Outstanding Teacher and Supt. Pablo B. Pedrera as Outstanding Administrator.

Students and Alumni Achievements

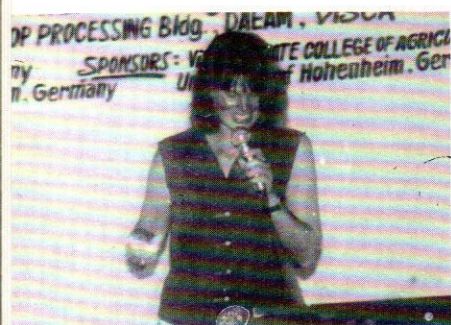
- ViSCA Animal Science students, namely: Mr. Ronald B. Torregoza, and Ms. Michelle M. Solamo and Judith P. Wenceslao, emerged as the overall champion in the 2nd National Animal Science Quiz held at UP Los Baños on February 14-18.
- Ms. Shirleny R. Gabotero received the "Best Paper Award" for her DVM thesis entitled "Hemorrhagic Septicemia in Carabaos in Kananga, Leyte" during the 21st Philippine Veterinary Medical Association-Eastern Visayas Scientific Convention in Tacloban City on November 16.
- The BAS-Animal Production field practice students obtained excellent performance rating from EEJ Poultry Farms (Cebu), Ubay Stock Farm (Bohol), SURICO Piggery (Davao), and LGU Poultry (Biliran) enterprises.

- Statistics students, namely: Mr. Lyman Denis O. Moreno, and Ms. Em A. Parac and Reiofeli A. Salas, got 1st and 2nd places, respectively in the provincial Philippine Statistical Quiz held at ViSCA on November 7.
- ViSCA's athletes, dance troupe members, and their coaches were given recognition during the Annual Athletics and Dance Troupe Awards Program on March 3, for their good performance in the regional '99 SCUAA-R8 and active participation in various college affairs.
- A group of ViSCA college students led by Mr. Jaime A. Gallentes won the Farmers' Field Day jingle promo contest on July 30.
- The following VLHS students won in the different national, regional, division, and local competitions:
 - ◊ Lyman Denis O. Moreno, Nel Ivy Stephanie T. Montes, and Climaco M. Espina III won 1st place for their research work entitled "*Trichoderma viridae* as a Biofungicide for the Control of Postharvest Banana Anthracnose" during the National Intel Philippine Science Fair held at UP Diliman on March 6-9.
 - ◊ Karl Andrew M. Acabal, Jayfred Gaham V. Godoy, Alnald C. Javier, Niño Ed Crisper M. Noriel, and Jed Lowell G. Gerona bagged the 2nd prize for their research entitled "Biosorption of Lead from Aqueous Solution by *Amaranthus spinosus* Root Tissues" in the national competition for Outstanding Student Creative Research-High School Level; and 5th place in the quiz competition participated in by 15 teams nationwide during the National Inventors' Week in Pasay City on November 11-15.
 - ◊ Alnald C. Javier emerged as 2nd place winner while Karl Andrew M. Acabal, Marianne Agnes M. Taveros and Alnald C. Javier the 3rd place winner (team competition) during the Regional Philippine Math Olympiad held in Tacloban City on December 6-7.
 - ◊ Edouard Y. Sandoval, Karl Andrew M. Acabal, Carmille Joana C. Bales, Diana Jean C. Lemos won in sports writing (English); photo journalism (English); copy reading and headline writing (Filipino); photo journalism (Filipino); and editorial cartooning (Filipino), respectively during the Division Secondary Schools Press Conference held in Baybay, Leyte on October 18-19.
 - ◊ Karl Andrew M. Acabal, Carmille Joana C. Bales, and Jo Marie U. Bacusmo won the 1st, 2nd, and 3rd prizes, respectively in the On-the-Spot Essay Writing Contest; and Edouard Y. Sandoval and Stephen Alexeus G. Baltazar won the 2nd and 3rd prizes in the Oratorical Contest during the anniversary celebration of the ViSCA Environmental Awareness Movement on September 19.
- The VLHS Drum and Bugle Corps won 2nd place in the Drum and Bugle Corps Competition held in Baybay, Leyte on December 26.
- Engr. Jose P. Monteroso, BSAE '77 graduate, obtained the highest rating for his research project entitled "Design, Fabrication, and Evaluation of Pedal Operated Coconut Dehusker" and earned a total cash prize of P80,000 during

the Visayas Division 3rd Philippine Council for Industry and Energy Research and Development (PCIERD) Regional and National S&T Fora and Competitions, held in Cebu City on February 18.

CHANGES AND CHALLENGES

- ViSCA expanded its internal communications and information technology systems, granted autonomous administration and provided technical/budgetary support to the external campuses under its organizational system.
- The Office of the Director of Research and Development organized on January 10 the ViSCA Biotechnology Committee to spearhead the R&D biotechnology capability program planning and development for the Visayas.
- ViSCA entered into a memorandum of agreement (MOA) with the Australian Centre for International Agricultural Research for the implementation of the project entitled "Development of Diagnostic Key for Sweetpotato Disorders".
- The Agrarian Reform Communities Development Project (ARCDP) of the Department of Agrarian Reform (DAR)-R8; the LGU of Matalom, Leyte; and ViSCA signed a memorandum of agreement (MOA) to implement a joint project entitled "Agrarian Reform Communities-Sustainable Agri-Enterprise Development (ARC-SAED)" to uplift the living conditions of ARC farmer-beneficiaries.
- Ten pre-organized special groups carried out focused-group discussions on January 19-21 to review ViSCA's Ten-Year Development Plan particularly on the various concerns, categorized as follows: Instruction, Research, Extension, Administration/Supervision, Graduate Students, Undergraduate Students, Extramural Students, Rank/File, Auxiliary/ IGP, and Communities/Alumni/Partners.
- The Community-Based Resource Management Program of the Department of Finance accredited the Center for Social Research on February 2000 as development service provider for LGUs.
- The *Kalinaw* Leyte Peace Museum Foundation which was organized by Leyte Governor Remedios L. Petilla on October 20 had chosen the Center for Social Research as one of its core members.
- The Philippine Root Crop Research and Training Center was identified to be the home base for two rootcrop networks, the Rootcrops Research and Development/ Extension (RDE) Network which is tasked to improve and diversify the uses of rootcrops for food and starches, and enhance the availability, quality and cost competitiveness of rootcrop feeds; and the Asian Network on Sweetpotato Genetic Resources (ANSWER) whose role is to promote effective use of complementary conservation strategies on sweetpotato genetic resources among Asian countries.
- The University of Hohenheim (UH) in Germany donated in June 2000 a solar tunnel dryer which is an environment-friendly equipment that utilizes purely solar radiation as source of heat for drying various agricultural products. ViSCA was chosen as the venue for promoting the equipment which is a technological breakthrough of the Institute for Agricultural Engineering in the Tropics and Subtropics (IAETS) of the UH.



Ms. Katja Heitkämper, UH representative, describes the versatility and usefulness of the solar tunnel dryer.



The Solar Tunnel Dryer donated by the University of Hohenheim, Germany.

- The Filipino-Australian Foundation of Queensland Inc. through Mr. Kim Noynay Delaney, *Ginoong Pilipinas-Australia* on a goodwill visit to ViSCA on January 28, donated P5,000 through the Student Scholarship Fund Raising Committee, to help the needy but deserving ViSCA students.
- ViSCA Radio-DYAC and the Agricultural Training Institute-National Training Center-Visayas jointly launched *Radio Eskwela Makamasa* school-on-the-air program to promote agricultural technologies.
- The ViSCA Library, through the assistance of the Farm and Resource Management Institute and Cornell University, received a computer software named *The Essential Electronic Agricultural Library* (TEEAL), also known as "Library in a Box," which is a joint project of Albert R. Mann Library in Cornell University and the Rockefeller Foundation.
- The Office of the Director of Extension and Non-formal Education conducted an in-house and field review of ViSCA's extension programs/projects on February 29 to March 4.
- The Land Bank of the Philippines-R8 teamed up with ViSCA to establish the ViSCA-based Technology Promotion Center tasked to help farmers adopt/ utilize commercially viable ViSCA technologies.
- The UPLB-Institute of Chemistry, one of the Centers of Excellence in Chemistry, has chosen the ViSCA-DAC-FS as a recipient institution of its research and instruction capability building program.
- ViSCA hosted the following seminar-workshops, congresses, and conferences:
 - ◊ "5th Regular Conference of the Philippine Association of Board Secretaries of State Colleges and Universities (PABSSCU) held on March 15-17, with the theme "PABSSCU 2000 Responding to the Dimensions of Change."

- ◇ "5th National Grassland Congress" held on April 26-28, sponsored by the Grassland Society of the Philippines, Inc., Ecosystems Research and Development Bureau (ERDB), FARMI, and ViSCA.
- ◇ "1st Seminar Workshop on Recent Developments in Chemical Research" held on May 2-6, sponsored by the UPLB-Institute of Chemistry in cooperation with the ViSCA-DAC-FS.
- ◇ "1st Children's Congress" held on May 12, organized by PLAN International to safeguard children's rights and welfare.
- ◇ "National Workshop on Reforestation Prospects in the Philippines" held on June 5-9, jointly sponsored by the Australian Centre for International Agricultural Research, Department of Environment and Natural Resources, and ViSCA.
- ◇ "Forum on Drug Use and Abuse" held on August 29, organized by ViSCA to inform the public on the hazards of prohibited drugs.
- ◇ "Basic Women's Awareness Seminar (BWAS) II" held on September 4-6, sponsored by the Confederation of Independent Unions in the Public Sector-Gender Concerns Committee in support of women in government service.
- ◇ "Leyte Livestock Improvement Program" held on October 9-20, sponsored by the Australian Centre for International Agricultural Research.
- ◇ "Proposal Preparation Re: Creation of a PASUC-8 Faculty Development Center or the Formulation of a PASUC-8 Faculty Development Program" held on October 23-24, sponsored by PASUC-8 in collaboration with ViSCA.
- ◇ "Advanced Higher Education Administrators Development (AHEAD) Training Course" held on November 6-10, jointly sponsored by SEAMEO-SEARCA and ViSCA.
- ◇ "Junior Graftwatch Unit Orientation-Seminar" held on November 16, conducted by the Office of the Ombudsman-Visayas as part of its information campaign program against graft and corruption in government bureaucracy.
- ◇ "1st Regional Gender and Development Planning Workshop" held on November 16-17, organized by the Visayas Consortium for Agriculture and Resources Program (VICARP) and CSR.
- ◇ "Retooling of Thesis/Dissertation Advisers Toward Global Competitive Edge" held on December 6-8, jointly sponsored by the Philippine Association for Graduate Education- R8 and the Commission on Higher Education-R8.
- ◇ "Zonal Seminar-Workshop on Biotechnology" with the theme: "Towards Relevant Biotechnology R&D in the Visayas" held on December 6-7, jointly sponsored by the Philippine Council for Agriculture, Forestry, and Natural Resources Research and Development (PCARRD) and VICARP.

Instruction

CURRICULUM DEVELOPMENT

Graduate Program

- The proposal to offer MS Forestry and Agricultural Engineering were approved by the Graduate School Faculty and Graduate Executive Committee.
- The graduate Saturday classes were extended to the ViSCA-Alangalang Campus effective second semester of SY 2000-2001 to provide ViSCA graduate students from within and near the area access to its instructional programs.
- Two new Master of Agricultural Development courses, PPRT 284-Biological Transmission of Plant Pathogens and AGRO 213-Manuring of Field Crops, were offered by the ViSCA Open University effective SY 2000-2001.

Undergraduate Program

- A new course, BS Biology with majors in Marine Biology and Ecology, was offered effective June 2000.
- The proposal to offer a six-year Doctor of Veterinary Medicine degree program was approved by the Academic Council in October 2000.

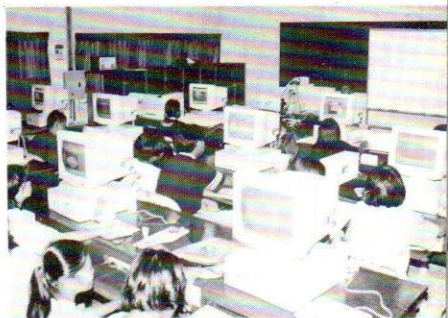
Enrolment Profile

- In the First Semester of SY 2000-2001, ViSCA's total enrolment reached 4,853, or an increase of 1.67%.
- Graduate enrolment totaled 333 with 25 students in the PhD and 308 in the MS degree programs.
- Undergraduate enrolment increased from 3,949 to 4,070 (3.06%). The degree programs with marked increase in enrolment were: BS Biology, 86 (100%); DVM, 35 to 60 (71.4%); BSFT, 118 to 140 (18.6%); BSAE, 172 to 203 (18.0%); and BSS, 99 to 113 (11.14%)
- High school enrolment increased from 431 to 450 (4.4 %).

SCHOLASTIC PERFORMANCE

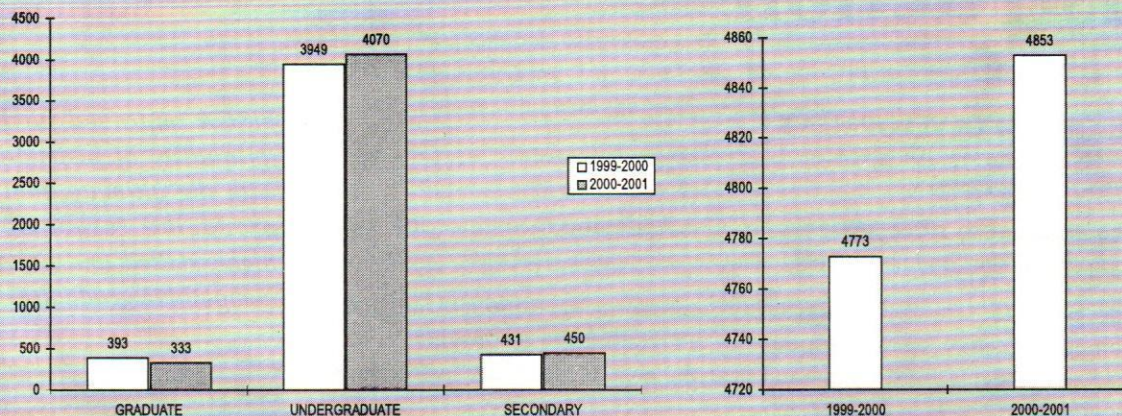
- 29 graduate students- 2 Ph.D., 7 MS, 18 MAgDev, and 2 MEd; and 443 undergraduate students- 42 BSA, 58 BAS, 61 BSAB, 8 BSAC, 11 BSAGDev, 125 BSAGEd, 11 BSDC, 2 BSAE, 7 BSS, 47 BSHE, 29 BSFT, 37 BSF, 5 DVM, and 1 HET, marched during the 48th Collegiate Commencement Exercises. Twelve college students graduated as *cum laude*. For the high school, out of 112 who were confirmed as graduates during the 71st VLHS Commencement Exercises, 2 marched "With High Honors" (1-Valedictorian and 1-Salutatorian) and 21 "With Honors."

ViSCA improved further its quality of instruction with the ultimate goal of producing responsible, highly skilled, and globally competitive graduates.



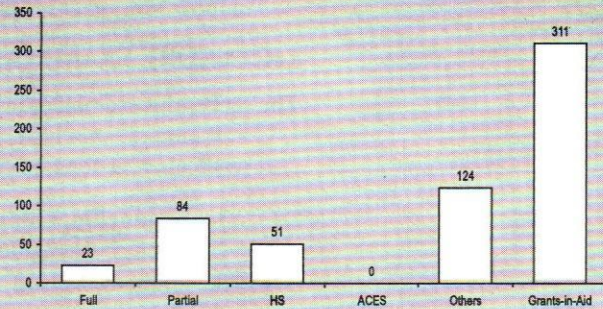
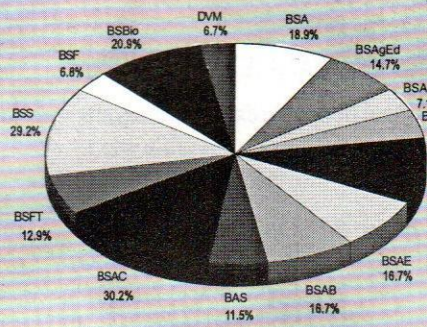
The college ensured students' access to state-of-the-art computer and laboratory facilities.

Student Enrolment by Degree, First Semester, SY1999-2000 and SY 2000-2001.



COURSE	SCHOOL YEAR	
	1999-2000	2000-2001
GRADUATE		
<i>On-Campus</i>		
PhD	29	25
MS	143	148
MAgDev	13	5
MEd	34	13
<i>Extramural</i>		
MAgDev	174	142
Sub-Total	393	333
UNDERGRADUATE		
DVM	35	60
BSAC	60	63
BSS	99	113
BSAgDev	109	85
BSFT	119	140
BSDC	135	134
BSAE	172	203
BSF	298	265
BSAB	445	520
BSHE	453	390
BSA	454	535
BAS	468	488
BSAgEd	1,004	902
BSBiology		86
Sub-Total	3,851	3,984
<i>Non-Degree</i>		
HET	98	86
SECONDARY EDUCATION		
Agricultural Science	431	450
GRAND TOTAL	4,773	4,853

College students enjoying scholarships and grants-in-aid funded by ViSCA and other agencies by course, First Semester 2000-2001.



DEGREE	TOTAL ENROLLED	TYPE OF SCHOLARSHIP*						TOTAL	PERCENT (%)
		FULL	PARTIAL	HS	ACES	OTHERS	GRANTS-IN-AID		
BSA	535	8	16	2	0	23	52	101	18.9
BSAGEd	902	2	14	11	0	37	69	133	14.8
BSAGDev	85	0	1	0	0	0	5	6	7.1
BSHE	390	1	9	3	0	5	19	37	9.5
BSDC	134	2	11	4	0	1	11	29	21.6
BSAE	203	3	1	6	0	11	13	34	16.7
BSAB	520	3	12	10	0	13	49	87	16.7
BAS	488	1	3	1	0	10	41	56	11.5
BSAC	63	0	5	3	0	4	7	19	30.2
BSFT	140	0	3	1	0	6	8	18	12.9
BSS	113	3	9	3	0	6	12	33	29.2
BSF	265	0	0	0	0	8	10	18	6.8
BSBio	86	0	0	7	0	0	11	18	20.9
DVM	60	0	0	0	0	0	4	4	8.3
TOTAL	3,984	23	84	51	0	124	311	593	14.9

* 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), Leyteño Association of Ontario (LAO), Philippine Agriculture & Resources Research Foundation, Inc. (PARRFI), ViSCA Student Scholarship Foundation, Inc. (VSSFI), Municipality of Baybay, Pagkaon 2000, ViSCA Credit Cooperative (ViSCCO), and Department of Agricultural Economics and Agribusiness (DAEA) Alumni Scholarship

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

- Fifty-four (54) graduate students enjoyed scholarship/assistantship grants from: SPREAD - 32 (59.2%), ViSCA Research/Teaching Assistantship - 19 (35.2%), ViSCA-CHED - 1 (1.9%), and CHED-FAPE - 2 (3.7%); while 593 undergraduate students enjoyed scholarship/support from: ViSCA - 158 (26.6%), ViSCA grants-in-aid - 311 (52.5 %), and other agencies- 124 (20.9%). A total of 176 high school students obtained scholarships: ViSCA Full - 16 (9.1%), Partial - 129 (73.3%); and Honorific - 31 (17.6%).

LICENSURE EXAMINATION PERFORMANCE

The successful examinees in the professional licensure examinations are as follows:

AGRICULTURAL ENGINEERS

- | | |
|--|-------------------------|
| 1. Agoncillo, Gildu R. - <i>1st place</i> | 5. Leorna, Nilo L. |
| 2. Guino, Reynaldo B. | 6. Piamonte, Junross U. |
| 3. Jamero, Nelson V. | 7. Sepe, Maricel P. |
| 4. Lanzarrote, Benjamin L. | 8. Wahing, Joselito P. |

AGRICULTURAL CHEMISTS

1. Peña, Jennifer T. - *4th place*

DOCTOR OF VETERINARY MEDICINE

- | | |
|--------------------------|------------------------------|
| 1. Gabotero, Shirleny R. | 3. Quilicot, Ana Marquiza M. |
| 2. Pamat, Gene C | 4. Tiongco, Wendell V. |

FORESTERS

- | | |
|-------------------------------|--|
| 1. Aguilar, Monica, A. | 15. Lanuza, Mila M. |
| 2. Almazan, Ian C. | 16. Malate, Frederick C. |
| 3. Barosa, Fritzie O. | 17. Mangmang, Jose, Jr. S. |
| 4. Belarmino, Joy B. | 18. Milano, Marilou C. |
| 5. Cabilin, Juvy B. | 19. Napiza, Jeremel D. - <i>3rd place</i> |
| 6. Carba, Christopher N. | 20. Polinar, Leonides N. |
| 7. Cedamon, Edwin D. | 21. Ramos, Manny P. |
| 8. Centino, Gina L. | 22. Regorosa, Anson C. |
| 9. Dagohoy, Aureliano R. | 23. Santianez, Reuel P. |
| 10. Gabornes, Marte A. | 24. Sollano, Teresa M. |
| 11. Garciano, Glenn B. | 25. Teraza, Jocycris B. |
| 12. Getes, Marlon L. | 26. Tumamak, Leona M. |
| 13. Granada, Zenon Teofilo P. | 27. Vergara, Kathy Jane S. |
| 14. Iglesias, Jake Anthony A. | |

TEACHERS

- | | |
|-------------------------|---------------------------|
| 1. Abenoja, Lanie U. | 6. Bacatan, Pedro, Jr. G. |
| 2. Adem, Melogen C. | 7. Baclayon, Chona P. |
| 3. Agon, Elizabeth R. | 8. Bertulfo, Bing L. |
| 4. Aguillon, Marivic B. | 9. Cadava, Nina S. |
| 5. Aniceto, Leobe C. | 10. Capon, Daisy S. |

11. Carinea, Bienvenido, Jr. S.
12. Dacera, Alma G.
13. Dotollo, Marivic B.
14. Duarte, Rondy B.
15. Estillore, Eliza E.
16. Flores, Jennylynd Z.
17. Granada, Monaliza B.
18. Gucela, Eddie B.
19. Gumop-as, Vencenita B.
20. Lamdagan, Antonieta D.
21. Laput, Emily S.
22. Laude, Alma V.
23. Lungares, Jonathan C.
24. Magno, Ma. Rosario V.
25. Malanguis, Rachel R.
26. Mangubat, Teresa A.
27. Martin-ao, Roxan D.
28. Millar, Maricel C.
29. Oracion, Marializa I.
30. Ortalla, Norberto B.
31. Pamor, Rizaleo A.
32. Pantoja, Antonia L.
33. Payot, Blair D.
34. Pino, Emelyn G.
35. Premacio, Ma. Gidget T.
36. Rebuyas, Analie P.
37. Tajo, Ilyn C.
38. Tañala, Felza Joy T.
39. Tomboc, Cristina R.
40. Torregoza, Villa Letty A.
41. Villaver, Sheryl L.
42. Wenceslao, Amie B.

FACULTY STRENGTH AND DEVELOPMENT

- A total of 254 faculty members (98 PhD, 113 MS, and 43 BS) worked collaboratively to realize ViSCA's academic programs. Forty-nine (49) faculty members were detailed at research centers, 2 on secondment in other government offices, while 10 pursued doctoral studies with scholarship/fellowship grants from ViSCA, PCASTRD, DOST, GTZ, CHED-FAPE and Monbusho.
- To bolster their professional development, the faculty were also allowed to participate in 36 international conferences/trainings as well as 128 national, 133 regional, and 218 local trainings.

Faculty members who attended international trainings, conferences and research visits, CY 2000.

NAME	TITLE OF TRAINING	DATE	PLACE	ROLE
PP Milan	Wildlife on Forest Restoration-Wildlife Conservation	Jan 30-Feb 4	Chiang Mai, Thailand	Presentor/Participant
TJ Fernandez Jr	1st Regional Network-Asian Schistosomiasis	Feb 18-19	Tagaytay City, Phil	Presentor
AL Acedo Jr	Postharvest Heat Treatment: Effects-Commodity, Pathogens & Insect Pests	Mar 23-24	Israel	Participant
	4th Int Conf-Postharvest Science	Mar 26-31	Israel	Presentor
JM Quimio	Research visit	May-July	Germany	Researcher
BB Dargantes	Global Forum-Agriculture Research 2000	May 21-23	Dresden, Germany	Participant
EA Balbarino	2nd Int Conf-Vetiver & Environment	Jan 18-21	Thailand	Presentor
	Vetiver Grass	May 31	Bali, Indonesia	Resource Person
	Vetiver Grass & Bio-Engineering	Jun 2	Bandung, Indonesia	Resource Person
	Vetiver Grass-Natural Resource Conservation	Jun 3	Garut, Indonesia	Resource Person
	Vetiver Grass & Agro-Forestry	Jun 5	Semarang, Indonesia	Resource Person

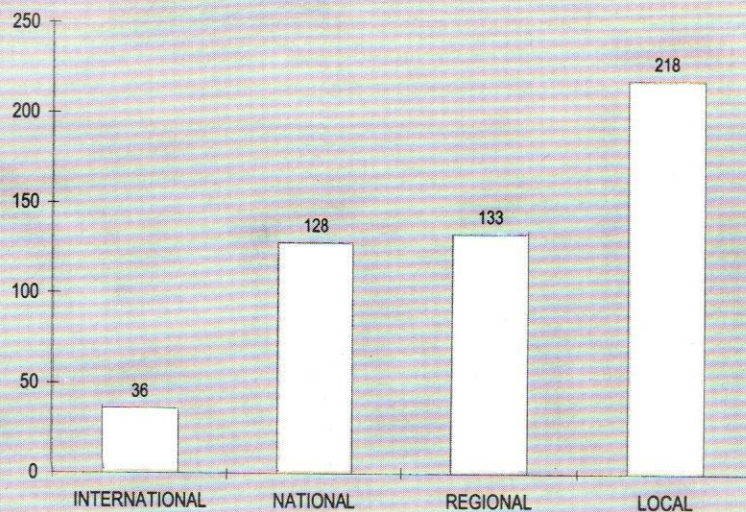
Faculty members who attended international trainings... *continued.*

NAME	TITLE OF TRAINING	DATE	PLACE	ROLE
FG Gabunada	Analyzing Gender & Interest Groups-Agriculture & Natural Resource Mgt	Mar 20-25	Vietnam	Participant
	Monitoring & Evaluation-Forage Proj SEAsia	Aug 14-18	Cagayan de Oro, Phil	Participant
	Practical Guidelines Farmer Participatory Diagnosis	Nov 9-Dec 15	Lao, PDR	Resource Person
MM Escalada	Fourth Review and Planning Workshop	Jul 3-6	Chiang Mai, Thailand	Resource Person
	Message Design Workshop	30 Aug-1 Sep	Lop Buri, Thailand	Resource person
	Int. Conf. on Increasing Rice Productivity: Implications for Pest Management	17 Nov-1 Dec	Hang Zhou, China	Secretary to the Organizing Committee, Speaker and Author
WT Alesna	CGIAR Women's Leadership and Mgt Course 2000	Jul 9-15	Laguna, Phil	Participant
EC Bumalay	XXI IUFRO World Congress	Aug 4-13	Malaysia	Participant
PP Milan/ NV Dumaguing	BIDANI-Community Nutrition Programs	Aug 21-25	Mahidol Univ., Thailand	Participant
AP Gravoso	Asia Pacific Youth Conf for Peace	Aug 22-26	Manila, Phil	Participant
MT Diputado Jr	Dev-Curriculum SA-SEAsian Universities	Aug 30-Sep	Bangkok, Thailand	Presenter/Participant
AM Mariscal	Sweet Potato Cultivar Decline Study	Sep 8-9	Miyakonojo, Japan	Presenter
AB Loreto/AMM	Int Society-Tropical Root Crops (ISTRIC)	Sep 10-16	Tsukuba, Japan	Presentors
JR Pardales/ JR Roa	Capacity Dev-Participatory Research	Sep 19-22	Beijing, China	Presenter/Panelist
RC Serohijos	Data Synthesis-Long Term P-Experiments Upland Rice Research	Aug 28-Sep 1	IRRI, Phil	Participant
		Sep 4-8	IRRI, Phil	Participant
TC Nuñez	Hands-on Training-Coconut Embryo Culture	Oct 9-15	Albay, Phil	Participant
NP Pascual	PFCCO Int Credit Union Week	Oct 21-22	Cebu City, Phil	Participant
PP Garcia	5th GIS & Developing Countries: GISDECO 2000	Nov 2-3	IRRI, Phil	Participant
LS Palomar/ FJ Amestoso	ASEAN Food Conf	Nov 19-22	Manila, Phil	
MD Napiza	Participatory On-Farm Experimentation & Integrated Approaches to Land Mgt	Nov 17-23	Indonesia	Participant
MI Galinato	2nd Weed Science-Upland Crop Weeds of SEAsia	Nov 22-23	SEARCA, Phil	Coordinator

ACQUISITIONS

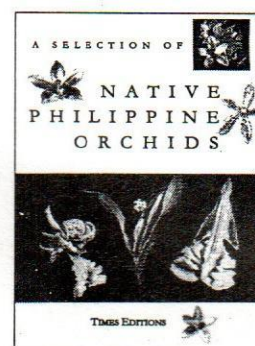
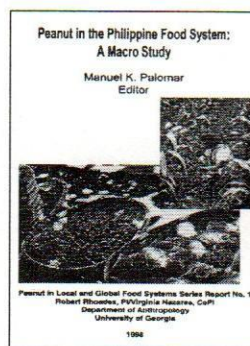
- The academic departments procured or acquired through donations a solar tunnel dryer, computer, airconditioner, refrigerator, shaker, sterilizer, VCD, instamatic camera, plastic cabinet, computer scanner, computer spare parts/accessories, 2 sewing machines, 6 orbital fans, 5 electric microscopes, 6 multimeter, 150 mounted slides, physics measurement set, disk grinder, data logger, 8 whiteboards, 300 plastic armchairs, 50 plastic stools, 15 acid and 10 base burettes, and 50 plain crucibles.

Number of trainings attended by academic staff in CY 2000.



DEPT/CENTER	INTERNATIONAL		NATIONAL		REGIONAL		LOCAL	
	Training	Participant	Training	Participant	Training	Participant	Training	Participant
DAC-FS	1	2	3	3	5	9	9	28
DAEA	1	1	12	12	11	11	8	12
DAEAM	-	-	10	10	14	15	9	10
DAEE	-	-	2	2	2	5	4	4
DAL	-	-	10	12	5	5	6	6
DASS	2	2	3	3	2	2	7	12
DASVM	1	1	3	6	3	5	15	23
DDC	4	4	2	2	10	13	8	12
DHS	1	1	4	5	3	7	10	16
DOF	3	3	6	10	7	8	11	18
DOH	3	3	5	7	12	22	9	18
DPBAB	1	1	4	4	7	7	14	15
DPE	-	-	2	2	1	3	4	4
DPP	5	5	15	16	11	14	22	43
VLHS	1	1	4	4	5	11	5	6
CSR	1	1	1	1	9	11	17	35
NARC	-	-	14	18	7	20	8	22
NCRC-V	1	1	4	6	2	4	1	1
ODEX-NFE	-	-	-	-	2	2	7	8
PhilRootcrops	3	5	9	22	5	10	10	19
FARMI	9	9	6	10	6	6	26	34
ITE	-	-	9	13	4	6	8	13
TOTAL	36	39	128	168	133	196	218	359

PUBLICATIONS



Publications authored/edited by the faculty members and researchers.

AUTHOR/EDITOR	TITLE	WHERE PUBLISHED
Alkuino, J.Jr.M., 1998	Socioeconomic Profiles of Philippine Population and Peanut Producers. Pp 80-85. In Peanut in the Philippine Food System: A Macro Study (M.K. Palomar, ed.)	Peanut in Local and Global Food Systems Series Report No. 1, 91 p*
Asio, V.B. & Z.S. Chen, 2000	The Volcanic Soils of Taiwan and the Philippines	Agricultural Chem. & Food Chem. Journal, 2: (1) 165-172
Diamante, L.M., 1998	Postproduction Operations of Peanuts. PP 44-65. In Peanut in the Philippine Food System: A Macro Study (M.K. Palomar, ed.)	Peanut in Local and Global Food Systems Series Report No. 1, 91 p*
Milan, P.P. & F. Göltenboth (Eds.), 1999	A Selection of Native Philippine Orchids	Times Editions, Singapore*
Milan, P.P. & F. Göltenboth (Eds.), 2000	A Guide to Common Shallow Water Sea Stars, Brittle Stars, Sea Urchins, Sea Cucumbers and Feather Stars (Echinoderms) of the Philippines	Times Editions, Singapore
Paloma, L.B., 1998	Comparative Market Price of Peanuts. Pp 86-91. In Peanut in the Philippine Food System: A Macro Study (M.K. Palomar, ed.)	Peanut in Local and Global Food Systems Series Report No. 1, 91 p*
Palomar, L.S., 1998	Consumption, Processing and Utilization of Peanuts. Pp. 66-79. In Peanut in the Philippine Food System: A Macro Study (M.K. Palomar, ed.)	Peanut in Local and Global Food Systems Series Report No. 1, 91 p*
Palomar, M.K., 1998	Peanut Production. Pp 1-43. In Peanut in the Philippine Food System: A Macro Study (M.K. Palomar, ed.)	Peanut in Local and Global Food Systems Series Report No. 1, 91 p*
Palomar, M. K. (Ed.), 1998	Peanut in the Philippine Food System: A Macro Study	Peanut CRSP, Univ. of Georgia, USA*
Posas, M.B. & M.K. Palomar., 1998	Common fungal diseases of native butterfly orchids (<i>Phalaenopsis</i> sp.)	Annals of Tropical Research, 20: 75-81*
Quimio, C.A., 2000	Enhancement of Submergence Tolerance in Transgenic Rice Overproducing Pyruvate Decarboxylase	Journal of Plant Physiology, 156: 516-521

*Released only in 2000.

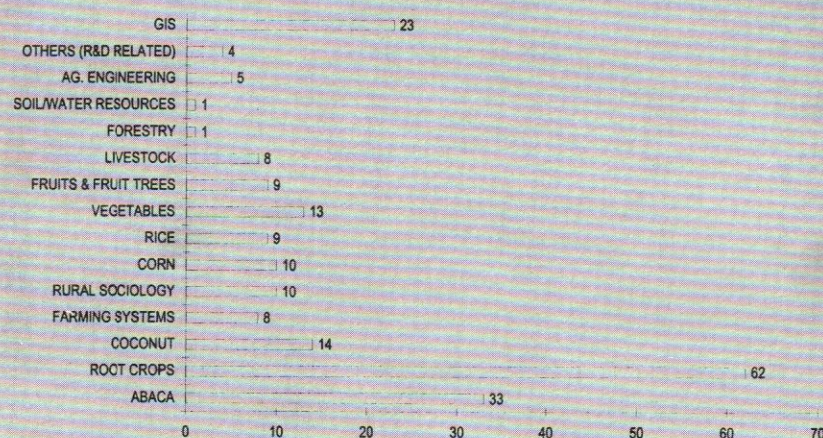
Research & Development

Out of 210 R&D projects conducted, 68 were new, 108 were ongoing, 32 for completion, and 2 for suspension. About 30% of the studies concentrated on root crops, 15% on abaca, 11% on GIS, and less than 10% on other commodities.

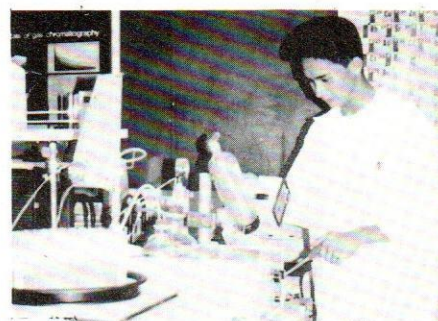
The R&D budget released during the year came from local (77%) and foreign (23%) sources.

Technology generation through research remained ViSCA's primordial focus in its commitment to contribute significantly for countryside development.

Number of research and development projects/studies by commodity, CY 2000.

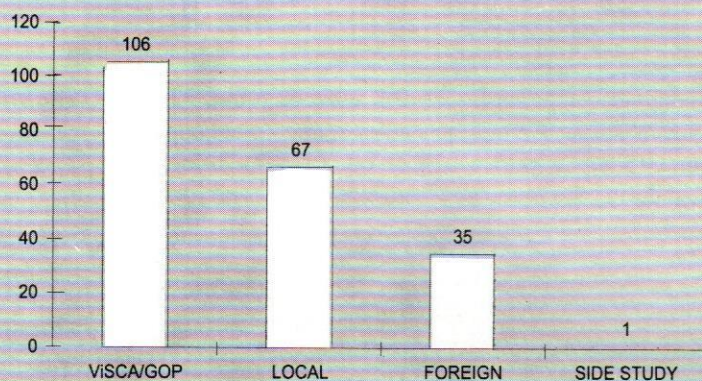


COMMODITY	NEW	CONTINUING	FOR COM- PLETION	FOR SUS- PENSION	TOTAL
1. Abaca	4	22	5	2	33
2. Root Crops	13	42	7	-	62
3. Coconut	3	10	1	-	14
4. Farming Systems	1	4	3	-	8
5. Rural Sociology	8	-	2	-	10
6. Corn	5	5	-	-	10
7. Rice	-	6	3	-	9
8. Vegetables	2	4	7	-	13
9. Fruits & Fruit Trees	-	7	2	-	9
10. Livestock	7	-	1	-	8
11. Forestry	-	-	1	-	1
12. Soil/Water Resources	1	-	-	-	1
13. Ag. Engineering	-	5	-	-	5
14. Others (R&D related)	1	3	-	-	4
15. GIS	23	-	-	-	23
GRAND TOTAL	68	108	32	2	210



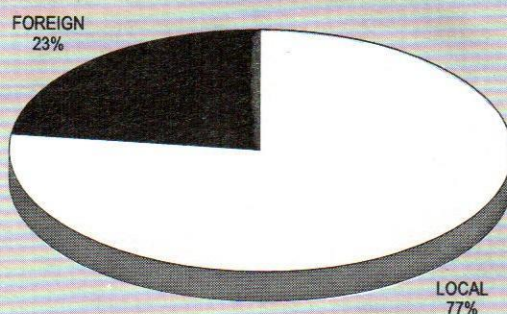
One of the research facilities that ViSCA hopes to continually upgrade and refurbish.

Number of projects/studies by funding source, CY2000.



FUNDING SOURCE	NEW	CONTINUING	FOR COMPLETION	FOR SUSPENSION	TOTAL
A. <u>VISCA/GOP</u>	1	91	12	2	106
B. <u>Local</u>					
1. BAR	48	1	-	-	49
2. BAR/PCARRD	-	-	1	-	1
3. BAR/VISCA	4	-	-	-	4
4. CIRDUP-DA	-	5	-	-	5
5. DAR	1	-	-	-	1
6. NAPHIRE	-	-	1	-	1
7. NRCP	-	-	-	3	3
8. PCARRD	2	-	-	-	2
9. PCRFD	-	1	-	-	1
C. <u>Foreign</u>					
1. ACIAR	7	-	1	-	8
2. CIAT	-	-	1	-	1
3. CIAT/CIP/UPWARD	-	-	1	-	1
4. CICRED-FAO	1	-	-	-	1
5. CIRAD	-	1	-	-	1
6. DANIDA/IRRI	-	1	-	-	1
7. EU	-	1	-	-	1
8. ICRAF	-	-	1	-	1
9. IFAD/COGENT/IPGRI	-	2	1	-	3
10. IFS	-	1	-	-	1
11. IFS/VISCA	-	2	-	-	2
12. IPGRI-CIP	1	-	-	-	1
13. IRRI	-	1	-	-	1
14. IRRI (IPM Network)	-	1	-	-	1
15. IRRI/VISCA	-	-	1	-	1
16. PLAN International	1	-	-	-	1
17. UPWARD	1	-	2	-	3
18. USAID/IRRI	-	-	1	-	1
19. USAID thru IRRI	-	-	4	-	4
20. TECHNOVA Inc.	-	-	1	-	1
D. <u>Side Study</u>	1	-	-	-	1
GRAND TOTAL	68	108	32	2	210

R & D budget released, FY 2000



FUNDING AGENCY	AMOUNT
Local	
BAR	6,189,757.46
DA	4,600,907.69
PCARRD	1,683,113.00
IRRI	648,742.00
CHED	550,800.00
DOE	500,000.00
BAR-UPLB	342,692.22
PHILRICE	282,650.00
NAPHIRE	100,000.00
NFA	69,092.50
DOST	20,000.00
Other Agencies	<u>390,500.00</u>
Sub-Total	15,378,254.86
Foreign	
ACIAR	3,543,368.30
EU/TARU	422,513.19
TECHNOVA	365,874.80
CICRED	245,221.30
UPWARD	<u>120,000.00</u>
Sub-Total	4,696,977.59
GRAND TOTAL	20,075,232.45

TECHNOLOGY FOR PATENTING

- Biomass furnace

GERMPLASM COLLECTION

- NARC acquired 44 additional abaca accessions, making a total of 658 accessions for its abaca germplasm collection, consisting of 476 cultivated species, 65 hybrids, and 117 wild relatives.

SIGNIFICANCE OF COMPLETED R & D

- On-Station Assessment of the Potential of Coconut-Based Intercropping System as Tool for Coconut Genetic Resources Conservation

Mature nut yield of Baybay Tall (Bay) improved to 69 nuts/palm per year compared to 48 nuts/palm in the previous year. The passion fruit intercrop had its peak yield in the months of May-August with a mean yield of 186 fruits per month and an average weight of 15 kg. Edible ferns under the trellises of passion fruit grew well and gave a mean monthly yield of 545 fronds weighing about 2 kgs.

On the cropping system involving Malayan Red Dwarf (MRD) and abaca, the tender nut yield of MRD improved from 2 nuts to 5 nuts/palm per year or an annual income of P48,000 per hectare at P5 per nut. The mean yield of abaca as intercrop was about 19 stalks per harvest at 3 months interval from 55 hills.

- Community-based Coastal Resource Management (CB-CRM) of Baybay, Leyte, Philippines

From 22 coastal barangays of Baybay that were inventoried and assessed to determine the status and conditions of their marine resources, 7 were recommended for marine sanctuary establishment (barangays Caridad, Hilapnitan, San Agustin, Gabas, Palhi, Bitanhuan, and Plaridel); 8 for artificial reef establishment (Maybog, Bunga, Marcos, Kilim, Candadam, Sto. Rosario, Maitum, and Maslug); and 7 for monitoring (Punta, Jaena, Sabang, Hipusngo, Sta. Cruz, Guadalupe, and Pangasugan).

- Production and Characterization of Starch from Abaca Corm

Abaca corm starch was found to be a potential material for the production of biodegradable wrappers and a promising substitute for other starches in the production of edible products because it has no toxic substances. Abaca corm extract also exhibited inhibitory potential against spoilage, fungi, and yeast.

R&D UPDATE

- Utilization of Endomycorrhizal Fungi for Increased Abaca Production

MYCOVAM is a potential inoculum for tissue cultured abaca plants during hardening. A strong correlation between plant growth parameters and P uptake was noted except in stalk diameter and root length. Highest correlation with P uptake for both types of planting material was noted in total biomass produced ($r = 0.98$ and 0.91) for abaca seedlings and tissue cultured seedlings, respectively. At 60 days after planting, plant height and leaf length of abaca seedlings inoculated with mycorrhiza and grown in different potting media were significantly affected. On the other hand, a remarkable increase in plant height and leaf length was noted in plants inoculated with mycorrhiza grown in potting media consisting of compost + garden soil + sand compared to the rest of the treatments.



Tissue cultured abaca plants.

- Utilization of Abaca Stripping Wastes for Handmade Paper and Development of High Quality Novelty Items

Stripping and tuxy wastes are good raw materials for handmade paper production with pulp yields of 653.1 and 483.9 grams, respectively. The color of pulp produced from stripping and tuxy wastes is light brown, but it can be made whiter through bleaching. A kilo of pulp produced a total of 111 handmade paper sheets (8.5" x 11"), with a net weight of 150 grams which was economically profitable than using abaca fiber (P64.34/kg) in making handmade paper since the cost for every kilo of stripping waste was P 34.06 and tuxy waste- P 30.14. Pulp mosaic, fans, photo albums, trays, greeting cards, marbled products, and utility boxes, are examples of the novelty products that can be developed from stripping/tuxy wastes.

- Production of Alcohol from Abaca Wastes

Juice from hydrolyzed sample showed a significant level of total soluble solids. Inoculation of *T. viridae* after boiling and re-boiling of the waste before extraction showed an increase of total soluble solids by more than 50% of its initial sugar content. Qualitative analysis of the distillate collected from the corm extract positively showed the presence of alcohol.

- Isolation and Evaluation of Fungitoxic Components from Botanicals as Biocon Agents of Root Crop Diseases

Crude extracts of *ampalaya*, *asyang*, *kamantigue* and *kulasiman* were found effective agents in controlling diseases due to the presence of *Botryodiplodia theobromae*, *Sclerotium rolfsii* and *Colletotrichum gloesporoides*.

- Quality Evaluation of Processing Potentials of Makapuno (*Cocos nucifera* L. "Makapuno")

The ViSCA-developed makapuno hybrid namely, VMAC-1, VMAC-2, VMAC-3 and VMAC-4 are potential material for the development of novel



One of the most promising Makapuno hybrids.

food products such as makapuno leather, makapuno delight, makapuno balls, and makapuno tart. Such food products were highly acceptable to the laboratory panelists who then identified pandan, calamansi and passion fruit as potential natural flavorings for makapuno-based products.

- Transformation of Upland Crop-Fallow Rotation System into Permanent Production System (Evolutionary Farm)

The dominant crop-fallow rotation system practiced by farmers in the fragile acidic and calcareous uplands of Matalom, Leyte is less productive and not sustainable. Transformation of this production system into a diversified farming system with perennial fruit crops as permanent base crops and early maturing fruit crops like pineapple and other annual crops i.e. sweetpotato, vegetables, and corn as intercrops, gave favorable results.

- Improving the Shelf Life of Bananas and Mango Fruits

Hot Water Treatment (HWT) was developed as potential postharvest High Temperature Treatment to delay banana and mango fruit ripening and inhibit disease occurrence.

- Biodiversity of Marine Resources and Environmental Education

Permanent quadrants were laid to monitor the growth of corals and seaweeds and identify different genera/species of seagrass, seaweeds, corals, other invertebrates and fishes in the established marine sanctuaries and artificial reefs. Short-strip comics in English and Cebuano versions were disseminated to interested individuals. Data on the socioeconomic conditions of the coastal residents of Baybay revealed that 50% relied on fishing and farming for livelihood while others were engaged in business or employed in government or private agencies. Most families had income below the poverty line, thus the felt need for alternative livelihood sources.

- On-farm Evaluation of Tree-Leaf Supplementation Using *Leucaena leucocephala* and *Gmelina arborea* Under Traditional Feeding Management

Goats provided with tree-leaf supplements *Leucaena leucocephala* or *Gmelina arborea* had higher live weight gain than the control (which were tethered only and not given supplements). Aside from the leaves, the animals with tree-leaf supplementation also had the benefit of eating the fruits, which provided better nutrient. Animals supplemented with *Gmelina arborea* had higher weight gain than those provided with *Leucaena leucocephala*.

- Drying of Tropical Fruits

A solar tunnel dryer donated by the University of Hohenheim, Germany was installed at the Crop Processing area of DAEAM. The performance of the solar tunnel dryer was evaluated in terms of the drying characteristics, temperature increases, and the quality of dried products using mango slices, mango puree, papaya, and pineapple cubes as drying samples. Further tests during sunny days were still to be conducted.

Extension

- During the Annual Extension In-House Review on February 29-March 3, 28 projects were evaluated through actual field visit and interview of clientele with the assistance of representatives from ATI and DA-RFU8, and farmer leaders.
- Extension policies and guidelines were revised based on results of sectoral consultations, and recommendations of the Extension Ad Hoc Review Committee during the strategic planning-workshop.
- An Advisory Council for Extension was created to take charge in the formulation of the College extension plans and programs.

Radio DYAC School-on-the-Air Program

- Radio DYAC confirmed the completion and graduation of 114 farmer-participants from its School-on-the-Air (SOA) Program on Corn Production (May-July) and 118 participants from its SOA on Buffalo Dairy Production (May-August).
- DASVM aired through Radio DYAC a 15-minute "Okey Doc" program to inform the public on the hazards of the so-called quacks or unlicensed veterinary practitioners.

Farmers Field School

- The PhilRootcrops launched a Farmers Field School on Integrated Crop Management of Sweetpotato in Dulag and Julita, Leyte with financial support from the Users Perspective with Agriculture Research and Development (UPWARD).

Exhibits and Flower and Garden Shows

- Off-campus exhibits of ViSCA's R&D breakthroughs were put up on seven different occasions in response to invitations of the provincial and municipal governments.
- A year-round on-campus exhibit was maintained for showing to campus visitors especially during the commencement day and anniversary celebration.
- The Department of Horticulture organized a Flower and Garden Show during the ViSCA 76th Anniversary, and joined the garden shows in Ormoc and Tacloban City, and in the towns of Baybay, Barugo, and Inopacan, Leyte.

Extension Publications

- Extension and related publications were released by the PhilRootcrops- Radix '96 & '97 and Annual Reports '95 to '99; NCRC- handouts on coconut-based cropping system and makapuno brochures; and ODEx- Extension Policies and Guidelines.

Despite financial limitations, ViSCA sought to balance extension efforts with its research undertakings to ensure technology adoption and achieve the desired effect among its rural clientele.



Project of the FARMI-ICRAF land care program.

Exhibits and garden shows participated in by the different departments/centers, CY 2000.

DEPARTMENT/CENTER	ACTIVITY/PLACE/DATE
NARC	Agri-Aqua Fair, Tacloban City, May 10-12
NARC, NCRC, ODEx, DOH	76th ViSCA Anniversary/Flower & Garden Show, ViSCA, Jul 26-31
NARC, NCRC, ODEx	Lubi-lubi Festival, Calubian, Leyte, Aug 14-17
ODEx	Agri-Fair, Dulag, Leyte, Aug 29
NARC, NCRC	Agri-Aqua Fair, Taloban City, Oct 16-20
NARC, NCRC	KAHURAAN 2000 Agri-Trade and Technology Fair, Tacloban City, Nov 9-13
NARC, NCRC	Technology and Product Exhibits, FARMI, ViSCA, Dec 6-7
NARC, NCRC, ODEx	Agri-Aqua Fair, Baybay, Leyte, Dec 23-28
NARC, NCRC, PhilRootcrops, ODEx	ViSCA Exhibit, ViSCA, Whole Year

Distribution of Technoguides/Handouts/Brochures/Leaflets

- Technoguides/handouts/brochures/leaflets were distributed to farmer-clientele as follows: PhilRootcrops- production/processing/recommended varieties of different root crops (453 copies); NARC- abaca technologies and Cebuano handicraft brochures (380 copies); NCRC- coconut-based cropping system (785 copies); DOH- crop production guides; and other extension materials (1,000 copies).

Distribution of Planting Materials

- Planting materials were provided at minimal cost by PhilRootcrops - 9,487 cuttings of cassava and sweetpotato, and 6 kg of ubi; NCRC - 2,807 coconut seedlings, 3,540 banana suckers, 120 pineapple suckers, 1,320 *lemonsito* seedlings, 48,200 black pepper cuttings, 0.75 kg black pepper dried berries, and 209.35 kg of pineapple fruit; NARC - 280 abaca seedpieces; DOH - 9.9325 kg seeds of different vegetables, muskmelon, watermelon, cucumber, corn, and sweet pepper; and DASS - rice, corn and legume seeds.

Fabrication of Processing Machines

- NARC fabricated 13 portable abaca spindle stripping machine for farmer cooperatives in Region 6- 4 units; Region 8- 8 units; and Region 9- 1 unit; and 20 pairs of slicers and shavers ordered by cooperatives.



Spindle stripping machine fabricated by NARC.

TRAINING

- A refresher/retooling course on collaborative extension for rural development was conducted for 54 ViSCA extension agents on November 8-10.
- The number of trainings/lectures/briefings conducted by the different extension units are as follows: NARC- 34; NCRC- 36; CSR- 11; DAC-FS- 5; DASVM- 6; DOF- 8; DOH- 16; and DASS- 4.
- CSR coordinated and facilitated trainings on rice, mungo and peanut production, and asexual propagation of fruit trees to 141 farmers.
- Various training courses were facilitated and conducted by the different departments and centers on the production, processing, and utilization of

Trainings conducted/services rendered by departments/centers, CY 2000.

DEPT/CENTER	TITLE OF TRAINING	TYPE OF CLIENTELE	PARTICIPANTS
DOH	Vegetable/cutflower/sampaguita/ornamental/mango/home-based food production, asexual propagation; container gardening	Technicians, Rural women, Elem. teachers, RHU nurses	470
DASVM	Handling animal specimen, hog raising; layer/egg production	Barangay Vet workers	55
DOF	Vegetation analysis, vegetative propagation, establishment/mgt. nursery/tree farm plantation, agroforestry systems, watershed development	Farmers	203
DASS	Basic soil fertility, crop-soil matching, rice production strategies, and chemical safety for laboratory workers	Farmers, students, technicians	90
DPBAB	Corn/rice production technologies	Region 8 farmers	200
DAC-FS	Coconut-based food products, peanut/ubi/cassava processing/ utilization	Farmers, Coop members, Housewives, Processors	189
DAEE	Breadfruit processing/utilization, cutflower/mushroom/ fruit tree production, container gardening, intercropping	Fisherfolk housewives, LGU officials, Farmers,	193
NARC	Abaca handicraft/handmade papermaking, waste utilization, abaca production/post-harvest processing, portable abaca spindle stripping machine operation/maintenance, <i>Bantay Alkoheres</i> Task Force, farmers' abaca field school	Farmers, DA technicians, MAOs, Students, Visitors, Teachers	1,294
PhilRootcrops	Rootcrop production/processing/utilization, root crop chipping machine design/fabrication, feed formulation feedmill operation/ management, rootcrop technologies briefing/lecture	Farmers, Students/teachers. Housewives, LGUs, NGOs, Traders, Entrepreneurs	610
IMDC	Campus journalism, ViSCA faculty training needs assessment	ViSCA faculty/ students	112
ITE	Rainforestation farming, community-based marine resource assessment/monitoring echo seminar, kid's nature camp	Farmers, Fisherfolks' children	115
FARMI	Mango production/management, SWC-AF	Farmers, Housewives	140
CSR	Social research project proposal writing, data analysis, interpretation, report writing; planning-workshop-GAD gender sensitivity, basic women's awareness; ViSCA/NGO/PO team building; environmental awareness information	SL farmers, Housewives, Elementary teachers, ViSCA staff/students, POs, NGOs, LGUs, PTCAs	805
NCRC	Coconut emasculation/pollination, coconut-based cropping system, coconut/macapuno technology, copra dryer, coconut varieties, copra processing, black pepper production, how to conduct coconut research	Farmers, LGUs, Students, Technicians, Businessmen, MAOs, Teachers, Investors, Bank employees	720
BIDANI	Ornamental/mungo/peanut/rice production, asexual fruit tree propagation, disaster management	Farmers	113
FARMI	Upland conservation, landcare technologies in cooperation with ICRAF	Farmer leaders, LGU, NGO	46
DYAC	Corn/dairy/buffalo production School-on-the-Air, upgrading native chicken, rural radio broadcasting	Farmers, Students	243
PCC	Artificial insemination	City Vets, Farmers OPA/DA reps.	12
DAC-FS	Breadfruit flour processing, other food items in coordination with ODEx	Farmers, Fisherfolks	45

rootcrops, abaca, coconut, fruit trees, vegetable, cutflower, and livestock. Trainings on project feasibility studies and other community development projects were also conducted.

TECHNICAL ASSISTANCE

- The DA/BAR-ViSCA-LGU Capability Building Project conducted a series of consultation workshops to help farmer-entrepreneurs of Ormoc City; Baybay, Leyte, and Southern Leyte identify market-driven alternative crops to sugarcane and abaca; assisted Ormoc City and Baybay, Leyte LGUs formulate action plans to increase rice production; and conducted a forum for prospective coffee growers in the cities of Ormoc and Maasin.
- NARC provided technical support on abaca cultural practices, postharvest processing and utilization, establishment of water-powered stripper, and quality control of abaca products to various clientele in Leyte, Samar, Cagayan de Oro City, Surigao del Norte, and Bicol.
- NCRC taught businessmen from Villaba, Leyte on coconut plantation establishment and improved copra processing technology.
- CSR assisted its clientele in formulating barangay agricultural development plans and in preparing a small-scale irrigation project proposal for LBP funding.
- ITE demonstrated to fishermen the procedure on replacing marine sanctuary markers, and posted markers in Inopacan municipal waters as well as billboards on protected areas. In cooperation with EURONATUR, ITE enhanced farmers' involvement in community-based reforestation and promotion of native tree species.
- DOH assisted cooperatives in cutflower production, orchard establishment/management, flower induction, fruit management, and ornamental and vegetable crop production/management.
- DPP diagnosed pest-infested plant samples and accepted visitors to its Natural History Museum.
- DASS conducted laboratory analyses on the following: 707 soil samples; 319 plant tissue samples; 24 organic materials; 27 feeds, and 9 water samples.
- ViSCA-ANEC assisted local clientele on the use/application of NRE technologies.



Marine sanctuary marker in Mahaba Island, Inopacan, Leyte posted by ITE-EURONATUR.

HANDS-ON TRAINING/DEMONSTRATION

- Prospective coffee growers were given hands-on training on coffee plantation establishment at the Nestle Philippines facility in Davao del Norte.
- Hands-on training/demonstrations were provided by NARC- on fibercraft to 100 elementary pupils; DOH- on asexual propagation to 138 farmers, technicians, and students; and BIDANI- on polvoron/pastillas cooking to 21 rural housewives.

VILLAGE-BASED SEEDGARDEN

- NCRC established a 0.75-hectare village-based Tacunan and Albuera Dwarf coconut seedgarden in Calubian, Leyte and in Macrohon, So. Leyte.

DEMONSTRATION FARMS/EXHIBIT

- DOH maintained an orchard and fruit nursery in the College campus, and initiated/promoted vegetable raising after rice production during dry season in Dulag, Tanauan, Tabontabon, Abuyog, and Alangalang, Leyte.
- DOF maintained the College arboretum and established a model nursery/tree farm in Isabel, Leyte.
- DPBAB maintained an herbarium as an instructional resource for the identification and classification of different plant specimens by ViSCA students and researchers, and other researchers from UP Tacloban, University of San Carlos, Cebu City, and ASEAN Regional Center for Biodiversity Conservation at Los Baños.
- ViSCA-ANEC maintained and operated the NRE demo units/shed installations and other project equipment on campus, and exhibited a demo unit on photovoltaic applications (Solar Home System) and the ricehull-fueled cookstove during the ViSCA anniversary.

EXTENSION PROJECT UPDATE

- *Bantay Alkoheres* Campaign Program

An integrated multi-agency extension program which seeks to probe complex abaca disease generically called *Alkoheres* was initiated and facilitated by ODEX in collaboration with Southern Leyte LGUs, NARC, FIDA, SLSCST, DOST, and the ATI-NTC. It taps the support of barangay officials and local leaders of abaca-growing localities in its thrust of building community members' capabilities in monitoring abaca diseases and establishing linkages for sustained disease management.

- ViSCA-LBP Technology Promotion Center

This joint project of ViSCA and the Land Bank of the Philippines validated or pilot tested the commercial viability of the following projects prior to farmers' field adoption: Seed Production of ViSCA White Maize Variety, Production of High Value Vegetables Using Sorjan Farming Technologies, and Sweetpotato Production by Sequential Planting. It also reviewed the following four technologies for promotion and approval by the Project Implementing Team: Increasing Cassava Utilization Through Improved Production and Modified Atmosphere, Rapid Propagation Technique of Selected Fruitcrop Species, PhilRootcrops Ubi Seedpiece Production and Distribution, and Development of Prototype Tractor-Drawn Sweetpotato Harvester.

- Barangay Integrated Development Approach for Nutrition Improvement (BIDANI)

After having attained its institutionalization, the ViSCA-BIDANI worked for the institutionalization of its satellite units located in eight state colleges and



BIDANI staff feeding a child with NUTRIPAK porridge during one of the mass feeding activities of ViSCA-BIDANI.

CHED-supervised schools in Regions 7 and 8. It also maintained its area of coverage which include one city, 7 municipalities, and 62 barangays in Leyte.

- Environmental Education Program in Small Islands (in collaboration with EURONATUR)

Through the project, a series of formal and non-formal environmental education campaigns were conducted among school children, out-of-school-youths, *BARAKUDA* fisherfolks, and coop members in *Cuatro Islas* to address problems on environmental issues. The project also facilitated cross visits of coastal resource and watershed management groups from NORMISIST, Butuan City; strengthened information dissemination of marine and other environmental laws/ordinances; reorganized fishermen's associations; and conducted coastal clean up and information drive through slogan posters.

- Rainforestation Protection on Philippine Islands (in collaboration with EURONATUR)

The project conducted a seminar-workshop on rainforestation farming technology; organized community associations to intensify local initiative in rainforest protection and preservation; promoted seedling production to increase seedling sources; and helped explore possibilities of seedling commercialization for added earnings of forest-dependent communities.

- International Centre for Research in Agroforestry (ICRAF) Visayas Research and Development Program

ICRAF, in collaboration with FARMi initiated the "Landcare" program in Inopacan, Hindang and Matalom, Leyte and in Inabanga and San Isidro, Bohol which facilitated cross-visits and trainings in Claveria, Misamis Oriental (ICRAF's primary R&D site); conducted information, education, communication seminars at the municipal level; established contour farms in Inabanga and Hindang; set up four initial Landcare groups in Hindang; and established at sub-village level in three municipalities of Leyte four communal nurseries of *Eucalyptus* species.

- Affiliated Nonconventional Energy Center for Biliran and Leyte Provinces

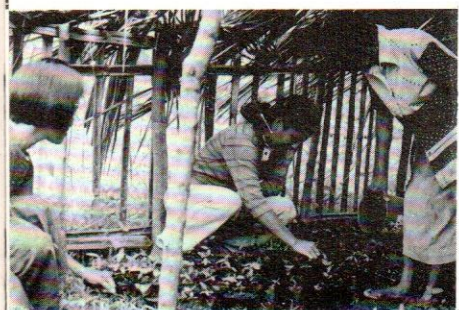
The ViSCA-ANEC conducted a Rapid Rural Appraisal in selected barangays without electricity within its provincial scope of coverage to identify prospective recipients of the Barangay Electrification Program; assisted the Department of Energy-NCE staff in profiling clientele areas; and updated the ViSCA-ANEC database and NRE systems inventory.

- Technical Assistance for Commercial Ubi Enterprises

The project conducted a pre-implementation planning-workshop and surveyed the ubi market in Western Samar and Bohol in coordination with DA and DAR; linked with farmer cooperatives in Samal, Antique, Maribojoc, and CSOs in Bohol; submitted the draft on the English version ubi production technoguide for revision and translation into local dialects; conferred with farmers from Maribojoc, Bohol and Inopacan, Leyte on ubi production; and trained rootcrop farmers from Antique and Samal.



ITE-EURONATUR reforestation project activity.



Village project of the FARMi-ICRAF land-care program.

Auxiliary Services

OFFICE OF STUDENT AFFAIRS (OSA)

- OSA sponsored a tribute to Prof. Thelma C. Zafra in recognition of her 25-year loyal service as dormitory adviser.
- The office generated a gross income of P1.7M from student dormitories.
- It took over the management of the graduate dormitory which was formerly managed by the Graduate School.
- OSA facilitated 128 building maintenance repairs, 58 furniture fabrication/construction, and 158 monitoring assistance services.
- It acquired 1 computer, 2 computer tables, and 3 guitars for its Student Lounge.

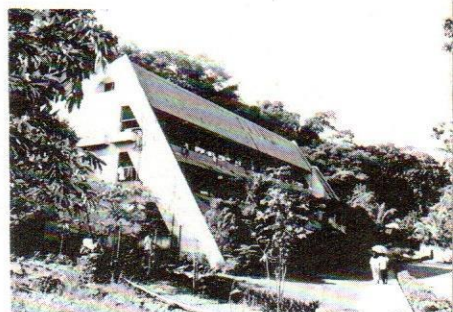
Student Welfare Program

- During the 21st Honors & Awards Convocation on February 16, OSA presented awards to the following students and student organizations:
 - ◊ Ritchie U. Nuevo - *Leadership Award*
 - ◊ Jerico C. Magos - *Endeavor Award*
 - ◊ Course-Related Organizations of the Year:
 - ✓ ViSCA Chemical Society (ViChemSo) - *1st place*
 - ✓ ViSCA Society of Veterinary Medicine (ViSVM) - *2nd place*
 - ✓ Philippine Association of Food Technologists Kappa Student Chapter-ViSCA - *3rd place*
 - ◊ Service Organization of the Year:
 - ✓ Gamma Pi Epsilon Fraternity/Sorority - *1st place*
 - ✓ LiNaHos Ha ViSCA - *2nd place*
 - ✓ Mussaenda Honor Society - *3rd place*
- The different College dormitories accommodated 1,860 (45.7%) undergraduate students, and 50 (26.3%) graduate students.
- The Student Lounge served 2,800 students who played chess, dart, and guitar while the Recreation Center utilized 9,381 service hours for billiard, table tennis, and bowling games.
- 54 student organizations were recognized and granted activity permits for varied social and civic activities.

Guidance Program

- OSA counseled 2,000 students, decentralized guidance services by designating faculty members as Department-Based Guidance Facilitators; and recognized campus ministers.
- It conducted a symposium on drug use and abuse, peer movers' training, freshmen career guidance, and job-seeking seminar for seniors.

Auxiliary services provided the essential backstopping for the development and well-being of the students and staff.



The Sampaguita Ladies Dormitory.

Activities of the different student organizations, SY 2000-2001.

ORGANIZATION	ACTIVITIES UNDERTAKEN	AWARDS RECEIVED
VICHEMSO	Launched Tulin scholarship/mini-library; donated books-College Library, P10T-DACFS library; bulletin board; caroling/gift giving; assisted DACFS seminar-workshops, intra/inter-school quiz show, <i>Pabaltokey, Bantay Tubig</i> , sportsfest, MsChemillennium/ <i>Kasiyahan sa Chemilenyo</i> , extemporaneous/poster making/T-shirt printing/ <i>hataw</i> contest, <i>Iwas-plastic</i> campaign, course orientation; Chem tutorial; <i>alay linis</i>	1 st Place Course-Related Organization & Most Artistic Booth
ViSVM	Dog show, horse slalom, rodeo; Phil-Veterinary Week; anti-rabies vaccination campaign, <i>alay linis</i> , film showing, poster making contest; quiz bowl/litmus; souvenirs/snacks sale; sportsfest; zoonotic diseases seminar	2 nd Place Course-Related Organization & Most Environment-Friendly Booth
PAFT (<i>Kappa Student Chapter</i>)	Quiz show, Mr/Ms Food Tech, dance contest, bundles of joy; Chem tutorials, <i>alay linis</i> , coastal clean-up, mass feeding, soccer tournament	3 rd Place Course-Related Organization
SUASSM	<i>Alay linis</i> , tree planting, beach house renovation	Booth of the Year
HES	Food preparation/service; <i>alay linis</i> ; educational trip	Most Environment-Friendly Booth
VISAS	Dog show, horse slalom; put up DASVM canteen	Most Environment-Friendly Booth
DECSO	Photo exhibit; lightsmen/stage crew- Ms ViSCA; raffle draw, <i>Pinaka</i> contest, DYAC anchor-Farmers' Field Day; Infoweb contributor	Most Symbolic Booth
CSSC	Students' Night, Christmas Festival, officers induction	
CISB	Interdorm quiz show, sportsfest; Mr&Ms CISB, technical rehearsal	
AFSAS	Induction of officers, hall decoration-Students' Night	
PSAE-VSC/VSS	Tutorials - Physics, Math, Algebra, Trigo, Statistics; quiz show	
PLABOMA	Plant Breeding/Botany Week; quiz show, basketball game; poster/essay writing contest	
FSS	Forestry Week, <i>Paligsahan sa Gubat</i> , Mr/Ms Forestry, litmus, <i>alay linis</i> , tree planting, quiz show, 5 th Nat'l Forestry Olympiad	
VIHOS	Horticulture Day, quiz/flower/garden show, tree planting, asexual propagation	
FFPCC/ VAExSO	Parliamentary procedure, inter-school quiz show, donated seed/fertilizer; department nursery/garden establishment; sponsored Mr/Ms FFPCC; sportsfest; <i>alay linis</i>	
VAESO/SABS	Freshmen/Junior orientation, parliamentary procedure, tutorial, <i>alay gulay/linis</i> , inter-school quiz show, raffle draw, donated seed/fertilizer; SAVALEX	
PPMA	PPMA Week, quiz show/logo contest, rat control/coastal clean-up; <i>alay linis</i> ;	
VLHS SBO	Snack/shed house, repainting-CAT/Guidance offices, bulletin boards, <i>alay linis</i>	

Activities of the different student organizations... *continued.*

ORGANIZATION	ACTIVITIES UNDERTAKEN	AWARDS RECEIVED
ANO	Hall preparation- Ms Chemistry/Freshmen Night	
APO	Coastal cleaning, basketball tournament, <i>alay linis</i> , reforestation project, crowd controller-Little Ms VFES/SCUAA, hall preparation/restoration-litmus/forum	
Beta Phi Upsilon	<i>Pintakasi</i> , served <i>Miting de Avanci</i> , hall preparation/restoration-pageant/seminar	
Gamma Epsilon	<i>Alay linis</i> , stage décoration-Ms Chemistry, registered farmers	
Gamma Kappa Rho	<i>Alay linis</i> , donated prizes/trophies, secretariat-Intrams, hall preparation-pageant	
Gamma Pi Epsilon	Assisted enrollment/farmers' registration, hall preparation/restoration-quiz show/pageant/JS Prom/forum/Intrams/Ms SCUAA	1 st Place-Service Organization
Gamma Sigma	Hall preparation-Students' Night	
Phi Beta Kappa	Celebrated chapter anniversary	
SigmaAlpha Epsilon	Assisted farmers' registration, served Students' Night, hall preparation-cheering contest	
Tau Gamma Phi	Dart tournament, assisted farmers' registration, served <i>Miting de Avanci</i> , hall preparation/restoration-CISB quiz show/forum/JS Prom	
Theta Psi Lambda/ Eleventhians	Tutorials in dormitories, coastal clean-up, tree planting, <i>alay linis</i> , book service, concreted classroom flooring, farmers' registration; hall preparation/restoration-proclamation CSSC officers/JS Prom/shows/seminar/Christmas Festival	
Theta Sigma Omega/Skylark	Hall preparation/restoration-Ms ViSCA/Drug Use & Abuse forum/ <i>Miting de Avanci</i>	
Zeta Beta Rho/ Mussaenda Honor Society	Donated wall clocks/sala set/medals, poster making contest, <i>pintakasi</i> , assisted <i>Paligsahan sa Gubat</i> , Freshmen/values orientation program, hall preparation/ restoration-Students' Night/Ms ViSCA/DOF Alumni Homecoming	3 rd Place-Service Organization
BHV	Information campaign, <i>alay linis</i> , logo contest, hall preparation-Students' Night	
ISOV	Parliamentary rules training, information campaign, inter-school quiz show, assisted Farmers' registration, donated seeds/fertilizer	
KBSV	Grounds cleanliness-SCUAA 2000; co-sponsor Ms ViSCA candidate; hall restoration-Drug Use & Abuse forum	
LHV	<i>Pintados</i> cultural parade, <i>Pa</i> -raffle 2000; tree planting; giving medals-entrance passers, information campaign, stage decoration-Job Seeking Seminar	

Activities of the different student organizations... *continued.*

ORGANIZATION	ACTIVITIES UNDERTAKEN	AWARDS RECEIVED
PSBO	Basketball tournament, induction/acquaintance party	
SLSV	Coastal clean-up, <i>alay linis</i> , hall preparation-Christmas Festival	
SKO	Hall preparation/restoration-Freshmen Orientation/Students' Night/Pageant	
UCO	<i>Alay linis</i> ,; participated in booth making contest	
CBI	Fellowship/prayer meeting, tree planting, <i>alay linis</i> ,	
CYUT	Christians' on Fire concert, prayer vigil	Most Artistic Booth
CFC-YFC-VCB	Orientation; fellowship; youth camp; Talent Showdown; <i>alay linis</i>	
D' Builders	Orientation, Thanksgiving Fellowship, film showing	Most Symbolic Booth
KKB	Students weekly fellowship, midweek service	
LAMI	Assisted enrolment, fellowships, Boy-Girl Relationship lecture; <i>Pasko sa Pamilya</i>	Booth of the Year
MOVAS	<i>Alay linis</i> ; put up bulletin board; civic parade against drugs	
UMYF-VC	Summer Institute camp, children outreach, snacks sale	
LOVEPhil	Ecology quiz show, manuscript writing, tutorials; <i>alay linis</i> , improved <i>Tambayan</i> .	

Scholarship and Financial Assistantship

- OSA coordinated the granting of ViSCA-funded scholarships to 412 students and scholarship grants from other agencies to 209 students.
- Fund-raising activities were launched to generate more scholarships.
- The office accepted 117 student assistants and recommended 87 graduates.
- It granted loans to 66 students through the ViSCA Students' Emergency Loan Fund.

Testing

- The office conducted psychological tests to 340 students and 74 out-of-school youth.
- It screened/monitored 414 students for counseling, vocational guidance, admission/re-admission, and to evaluate incoming peer movers.

Trainings for Students

- OSA facilitated the participation of the following students in trainings/ conferences/ conventions:
 - Michael Rapada, regional chairman of the Student Councils Alliance and Alliance of Tertiary Student Council of Eastern Visayas, represented

Region 8 in a workshop-meeting in order to update the '96-'05 national higher education development plan held in Cebu on September 26, and attended the Student Training for Active SUC Organizations held in Manila on August 25-27.

- William Hubahib, Sola Joyce Mantua, Michael Rapada, and Robelyn Tortillas- 1st Visayas Youth and Student Summit held in Tacloban City on October 7-8.
- Jeffrey Lloyd L. Cagande and Armand J. Gines- 21st Annual National Convention on Campus Advising and Student Leadership held in Baguio City on November 19-22, with the theme "Fostering Partnerships and Networking in Campus Advising and Student Leadership for the 21st Century."

LIBRARY



The College library

- The Library was connected to SEARCA's Southeast Asian Sustainable Agriculture Knowledge Network (SEASAKNet).
- The High School Library audio-visual room was equipped with an airconditioner, TV, VHS player, CD-Karaoke, and science VHS tapes.
- The Library has accessioned 53,898 volumes of books.
- It acquired a total of 718 new learning materials, consisting of 116 journals, 241 theses/dissertations, 75 terminal reports, 31 VHS tapes, 241 CD-ROM, 20 VCD, and 10 statistical diskettes.
- It received 500 copies of books solicited by the ViSCA-Free Students Circle from the Rotary Club of Canada through the Baybay Sangguniang Bayan.
- It also acquired 2 slightly used computers from the Security Bank Corporation through Mr. Bernardo Tocmo, President of the ViSCA Graduates and Affiliates Association for Luzon.

- Through the "CATALO" database, it printed 4,288 catalog cards and 684 titles, bringing its total number of catalog entries to 9,297.

Library Information

- Two issues of the New Acquisitions were published to inform the constituency on the newly acquired reading materials.
- Library Handbooks were given to new high school/college freshmen, transferees, and graduate students.

INFIRMARY

- The Infirmary served 2,232 outpatients and 11 inpatients and provided the following services to various patients: immunization – 170, laboratory examinations – 908, and dental services – 2,285.

LAND USE AND AGRIBUSINESS PROJECT OFFICE

Land Use Planning and Development Unit (LUPDU)

- LUPDU served 48 job requests for land preparation of experimental/production lots, 7 backhoe, 1,158 hauling, 35 welding, 1,780 vulcanizing, 15 car washing, and 12 engine overhauling.

Landscape and Ground Maintenance Unit (LaGMU)

- LaGMU maintained campus cleanliness and sanitation, and helped campus-resident ViSCA retirees move out to their new residences.

Guest House and Pavilion (GHP)

- The GHP obtained a gross income of P3.3M from lodging and catering services.
- It purchased a set of computer/printer, big-size stainless cooking gas range, water jug, glass display counters, hotdog/waffle molders, and kitchen utensils.

Hostel

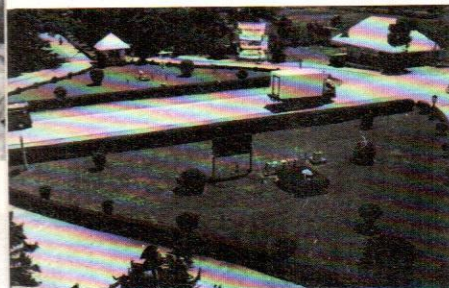
- The Hostel grossed an income of P928,668.82 from 4,146 lodging guests.
- It purchased 100 towels, sofa covers, 24 serving trays, and 18 sets of pitchers and glasses.

VISCA PRINTING PRESS (VPP)

- The VPP earned an income of P804,355.21 from printing/cutting/binding services.
- It facilitated the repair of the newly acquired printing machine, sharpening of the hydraulic blade cutter, repainting of the office and workrooms, and construction of a concrete wash tub.



The ViSCA mall



ViSCA scenery by the highway

General Administration

OFFICE OF THE PRESIDENT

The Office of the President (OP) supervised the overall program operation and budget use of the ViSCA System.

1. The College Management Office (CMO) coordinated and organized the formulation of the ViSCA System development plan.
 - a. The Planning and Development Office (PDO) consolidated college units' accomplishment reports and annual development plans; prepared the 1999 Annual Report, and Proceedings on the Strategic Plan for a National University of Agriculture in the Visayas; updated the 2000-2001 faculty/student statistical profiles and facts/figures; provided the data requested by DA, DBM, CHED, and other agencies; and coordinated/assisted various College committees.
 - b. The Public Information and Community Relations Office (PICRO) published and distributed 12 ViSCA Infoweb issues and 4 SCUAA 2000 Update series; produced and distributed the 2 residence and office telephone directories; put up a ViSCA Anniversary pictorial exhibit; attended to 145 campus visit requests; tour guided 9,807 visitors; maintained the College Administration announcement board; provided editing assistance to other offices; and coordinated/assisted various College committees.
 - c. The Management Information System (MIS) provided the essential information updates, compiled basic information and maintained the College databank, and layouted programs/College publications.
 - d. The Financial Management Office (FMO) prepared the College short and long-term budgets, allocated financial resources to different programs and projects, and coordinated the financial allocation of the external campuses. A comparative statement of allotments, expenditures, and balances for CY 1999 and 2000 is presented on the next page.
 - e. The Internal Control Unit (ICU) audited the ViSCA Feed Mill's '92-'94 cash collections and the Business Action Integration Foundation's broiler project financial operation; reconciled EVTELCO '96-'00 telephone bills and IGP monthly reports; and prepared the '96-'99 audit findings of BIDANI.
2. The Office of the College/Board Secretary (OCS) facilitated and took minutes of 6 Board of Trustees, 6 Administrative Council, and 2 Academic Council meetings.
3. The ViSCA Security Services Office maintained campus peace and order; secured college activities and properties, IGP projects, and the ViSCA sanctuary; and investigated complaints and violations.

The College Administration ensured the effective and efficient operation, monitoring and evaluation, and improvement of ViSCA's programs, functions, and services.



The ViSCA administration building.

ViSCA's allotments, expenditures and balances for CY 1999 and 2000.

FUNCTION	ALLOTMENT		EXPENDITURE		BALANCES	
	1999	2000	1999	2000	1999	2000
A. Instruction Services						
1. Advanced Education	9,195,000.00	9,318,000.00	8,373,226.00	8,976,941.65	821,774.00	341,058.35
2. Higher Education	58,435,000.00	63,834,717.00	57,194,068.00	62,583,996.55	1,240,932.00	1,250,720.45
3. Secondary Education	6,832,000.00	7,009,000.00	6,480,668.00	6,895,667.60	371,332.00	113,332.40
B. Research Services	34,467,000.00	34,669,000.00	30,584,375.00	34,161,829.89	3,882,625.00	507,170.11
C. Extension Services	6,726,000.00	9,231,000.00	7,140,570.00	7,635,335.30	(414,570.00)	1,595,664.70
D. Auxilliary Services	8,451,000.00	9,417,000.00	8,691,521.00	9,636,957.07	(240,521.00)	(219,957.07)
E. Gen. Administration & Support Services	51,878,649.00	36,803,822.00	48,877,416.00	40,390,855.11	3,001,233.00	(3,587,033.11)
F. Productivity Incentive Bonus	1,024,000.00	2,409,648.00	1,006,000.00	2,409,648.00	18,000.00	-
G. Buildings & Structures	-	4,431,000.00	-	3,198,747.06	-	1,232,252.94
H. Capital Outlay/Equipment C	10,090,000.00	3,800,000.00	2,236,088.00	-	7,853,912.00	3,800,000.00
I. Foreign-Assisted Projects	2,917,336.00		2,518,139.00		399,197.00	
TOTALS	190,015,985.00	180,923,187.00	173,082,071.00	175,889,978.23	16,933,914.00 ¹	5,033,208.77 ²

¹Continuing in 2000 and expended

²Continuing in 2001

OFFICE OF THE VICE PRESIDENT FOR ACADEMIC AFFAIRS

The Office of the Vice President for Academic Affairs (OVPA) formulated faculty workload guidelines, monitored enrollment procedures, updated academic database files, coordinated the annual academic convocation and hosting of 16th SCUAA athletic meet, facilitated staff development of academic units, and reviewed the consolidated progress reports of the academic units.

1. The Graduate School updated the graduate information bulletin, coordinated the seminar-workshop on Retooling Thesis-Dissertation Advisers Toward Global Competitive Edge, and facilitated the approval of the MS Forestry and Agricultural Engineering curricular programs.
2. The ViSCA Open University (VOU) transferred its office to the Center for Continuing Education building in July; intensified information dissemination in Iloilo and Cebu; developed 1, revised 1, and reproduced 26 study guides; conducted the annual summer consultation dialogue, baseline survey of problems met by extramural students, and orientation meeting; systematized the semestral scheme-distance learning course offering; installed database program; and reproduced information materials.
3. The Office of the Director of Extension and Non-formal Education (ODEX-NFE) conducted the annual in-house review, consultative meetings with



The Center for Continuing Education (CCE) building,

prospective newsletter contributors, and workshop on the identification and formulation of extension projects; provided 105 video presentations of the ViSCA Story to 6,300 visitors, revised extension policies and guidelines; and organized the 76th Farmers' Field Day with 2,000 farmer participants.

4. The Office of the Registrar pre-registered regular students, organized students' general registration, monitored students' deficiencies, and assisted different departments during enrolment and in the evaluation of graduating students' records.

OFFICE OF THE VICE PRESIDENT FOR ADMINISTRATION

The Office of the Vice President for Administration (OVPA) coordinated resource utilization of the College, sustained linkages with fund sources, maintained functional committees to improve service delivery system, and monitored the actual condition of basic facilities.

1. The Office of Administrative Affairs (OAA) prepared the final draft of the ViSCA Code and HRM Policy Manual for ViSCA Faculty, and drafted answers to the audit observation memoranda; facilitated the educational visit of administrative officials to the Asian Institute of Technology; organized the Junior Graftwatch Unit Orientation and Corruption Prevention Awareness seminars; initiated the Security Guards Reorientation Workshop; coordinated the bidding of construction projects; and reviewed job targets of administrative staff.
2. The Legal Office facilitated the dismissal of three cases; provided secretarial services to the ViSCA BOT and other committees; investigated complaints within the ViSCA System; notified non-returning scholars; and drafted ROTC MOA between ViSCA and FCIC.
3. The Physical Plant Office (PPO) facilitated the completion of the river flood control, beach erosion control, and Crop Processing Building-Phase III, repaired 10 academic buildings and 54 airconditioners; cemented the Duplex housing and VFES roads; improved the athletic oval and physical education facilities; renovated the offices for the Internet Café, COA, ODI conference room and OVPA; fabricated furniture/fixtures for the departments/offices; specified technicalities of proposed projects; overhauled 4 vehicles and 3 motorcycles; repaired/repainted J-1/31, the ambulance, and jeeps; replaced transmission of a van; attended to 363 minor/under chassis repairs, 177 welding and 176 lathe works; processed 2,260 trip tickets; installed 57 single-phase and 9 three-phase electric meters to residencies and offices; and computed monthly electric usage.
4. The Supply-Property Management Division (SPMD) processed 1,069 individual PJRs and 1,327 POs; conducted 2 public biddings and procured supplies/materials/equipment for the different units; devised custodial policies of ViSCA properties; conducted regular inventory; facilitated feedback to end-users on status of requests; and reconciled after 74 years the Physical Inventory Report as of December 31, 1998.
5. The Records Division established a Records Center to house and file non-current records with referral value; mailed 27,355 official mails; delivered 55,715 official documents; filed 29,419 records; served 4,339 referring clients;

prepared individual folders of casual employees; and preserved official records especially the 201 files of employees, administrative orders, and other permanent documents.

TRAINING CONDUCTED

To enable ViSCA security guards to plan activities/strategies for a more effective delivery of services, a Values Reorientation Planning-Workshop for security guards was conducted on December 28.

TRAINING/SEMINARS ATTENDED

A total of 114 administrative staff members attended 71 international, national, regional, and local training/seminar-workshops on strategic planning, values reorientation, records administration, Higher Education Association for Values Education-National (HEAVEN), corruption prevention, performance evaluation system, gender sensitivity, Advanced Higher Education Administrators Development (AHEAD), FOSRA national convention, as well as national press, PASUC, and BIDANI conferences.

ACQUISITIONS

The administration acquired 2 computers, 3 printers, 1 scanner, 3 steel/filing cabinets, 2 open shelves, 2 executive tables, 2 guest chairs, computer chairs, top glass, desk pads, and a mountain bike.

Trainings, seminars, workshops, and conventions attended by the administrative staff in CY 2000.

OFFICE/UNIT	NUMBER OF TRAINING/PARTICIPANTS							
	INTERNATIONAL		NATIONAL		REGIONAL		LOCAL	
	Training	Participant	Training	Participant	Training	Participant	Training	Participant
OP	2	2	9	9	2	2	3	3
OVPA	-	-	-	-	-	-	2	2
OVPA	-	-	-	-	-	-	2	2
OAA	-	-	-	-	-	-	4	4
PICRO	-	-	1	1	-	-	-	-
PDO	-	-	-	-	-	-	1	1
OCS	-	-	1	1	1	1	2	2
ICU	-	-	-	-	-	-	1	2
SPMD	-	-	-	-	-	-	1	1
PPO	-	-	-	-	-	-	1	1
Registrar	-	-	-	-	-	-	5	5
Records	-	-	-	-	-	-	1	1
Security	-	-	-	-	-	-	1	30
Infirmary	-	-	-	-	5	7	8	14
OSA	-	-	6	8	2	2	2	3
Library	-	-	1	1	-	-	5	5
GHP	-	-	-	-	-	-	2	4
TOTAL	2	2	18	20	10	12	41	80

Notable Events

- Honorable Congressman Dante V. Liban, keynote speaker during ViSCA's 47th Collegiate Commencement Exercises on April 6, urged the new agricultural graduates to be armed with appropriate training and competence, positive outlook, and good moral values in order to face the increasing challenges in seeking for employment. During the occasion, ViSCA conferred upon him the degree of Doctor of Pedagogy, *honoris causa*, in recognition of his contribution and meritorious achievements in the fields of education and youth development and as an outstanding legislator and civic leader in the promotion of quality education especially for the youth.
- Honorable Senate President Franklin M. Drilon, guest speaker during ViSCA's 76th anniversary convocation program on July 31, stressed the need to enhance the country's agricultural production to ensure the success of agro-industrialization.
- Honorable Senator Loren Legarda-Leviste visited ViSCA on May 12, to address the First Children's Congress organized by the PLAN International.
- Dr. Libertado C. Cruz, Executive Director of the Philippine Carabao Center (PCC), was the guest speaker at the inauguration of the new PCC-ViSCA building on June 19.
- Dr. Dimyati Nangju, lead agronomist of the Asian Development Bank, served as resource speaker during the August 7 Symposium on Food Security and Poverty Issues in Asia with focus on the Philippines.
- Ir. Dzidka Matras, an Agricol Engineer and Managing Director of Jeseua Vitro of the Netherlands Management Cooperation Programme, Rotterdam, Netherlands and head of the research laboratory where she worked on *in-vitro* cloning and genetic manipulation of tropical plants, visited ViSCA on November 5-December 4 and helped improve its tissue culture laboratories and shared with its staff new and practical tissue culture techniques.
- Dr. Eliseo R. Ponce, Director of the Bureau of Agricultural Research, and Hon. Remedios L. Petilla, Governor of Leyte, were guests-of-honor during the Farmers' Field Day celebration on July 29.
- Col. Joel Joseph A. Cabides (GSC) of the Philippine Army and concurrent ROTC-R8 superintendent was guest-of-honor and speaker during the ViSCA-ROTC Presentation of Sponsors on September 23.
- PCARRD Executive Director Patricio S. Faylon who served as keynote speaker during the Zonal Seminar-Workshop on Biotechnology on December 6-7, pointed out the potentials of biotechnology in improving agricultural production/productivity.
- Mr. Teofilo Magos from Dulag, Leyte, was awarded during the ViSCA Anniversary as the Most Outstanding Farmer-Entrepreneur and was given a plaque and a P10,000 check from Gov. Remedios L. Petilla.

An array of events were carried out during the year which proved essential/instrumental for ViSCA's development.



Cong. Dante V. Liban during ViSCA's 47th Collegiate Commencement Exercises.



Sen. Franklin M. Drilon during ViSCA's 76th Anniversary Convocation.

Hon. Remedios L. Petilla, Leyte Governor (left) and Dr. Eliseo R. Ponce, DA-BAR Director (center) inspired farmers and fisherfolks during the Farmers' Field Day celebration.



- During the 76th ViSCA Anniversary Convocation on July 31, awards were given to the following:
 - Dr. Werner Koch, Director of the Institute of Plant Production and Agroecology, University of Hohenheim (UH), Germany - *Sandigan Award*, for his invaluable support to ViSCA's programs, and conscientious service as adviser and coordinator of some ViSCA staff who pursued graduate studies at the UH.
 - Dr. Rex N. Bernardo - *Special Achievement Award*, for his notable achievements both nationally and internationally as an academician and scientist which provided ViSCA, his alma mater, distinct honor and prestige.
 - Mr. and Mrs. Teodulo O. Milleza, Sr. - *Parents-of-the-Year Award*
 - Dr. Samuel S. Go, Dr. Wilfredo F. Floresca, Mr. Alipio P. Cordero, Mr. Cresencio P. Godoy, and Mr. Jesus S. Maratas - *Mt. Pangasugan Award*, for dedicated service until retirement.
- Miss Mariejet C. Emnace was crowned as Miss ViSCA 2000 on July 30, together with Miss Ann Roselle O. Armenia, 1st runner-up; Miss Joan V. Albino, 2nd runner-up; Miss Algee Marie L. Lim, 3rd runner-up; and Miss Elvira P. Mandras, 4th runner-up.
- Miss Lalaine F. Magnifica won the Miss SCUAA 2000 crown during the 16th Region 8 SCUAA Meet hosted by ViSCA on October 22-26.
- The Student Scholarship Fund Raising Committee together with the Mayi Artists Philippines and Sabwag Arts Group sponsored the "Tabangbayayong" art exhibit to raise funds for the poor but deserving students of ViSCA on July 27-31.
- The ViSCA Radio DYAC 18th anniversary featured a rural broadcasting training from August 21-25, and the graduation of 118 farmer-participants in



Miss ViSCA 2000 and her court.

the *Eskwela Makamasa* School-on-the-Air Program on Dairy Buffalo Production on August 29.

- The following new facilities, which are essential to ViSCA's growth and effective services, were launched:
 - ViSCA Internet Café and CHED Zonal Research Center (May 15) with Dr. Eliseo R. Ponce and former Baybay Mayor Carmen L. Cari as guests-of-honor.
 - ViSCA-Geographic Information System Laboratory (December 15) with Dr. Eliseo R. Ponce, Director of DA-BAR as guest-of-honor.
 - Center for Continuing Education (July 31) with Senator Franklin M. Drilon, Congresswoman Maria Catalina L. Go, and Governor Remedios L. Petilla as guests-of-honor.
- The newly opened CHED-Zonal Research Center trained member-institutions on R&D Project Proposal Writing techniques to produce good quality research proposals for possible funding by the Commission on Higher Education on May 23-26.
- The Department of Physical Education coordinated the ViSCA Wellness & Fitness Program following the national *Hataw Bayan* health and fitness program.
- The National Abaca Research Center won the Most Symbolic Booth trophy during the 76th ViSCA Anniversary on July 30.
- The Center for Social Research sponsored the 3rd ViSCA Rondalla Open Competition participated in by 8 competing groups during the Farmers' Field Day on July 29. The Mafud String Band of Matalom, Leyte, won the 1st prize; Inopacan Parish Rondalla, 2nd prize; and Lumad ViSCA Group, 3rd prize.



Launching of the Center for Continuing Education.



The aggressive participants in the mountain bike challenge.

- The Department of Physical Education once again sponsored the Mountain Bike Challenge and organized other sports activities during the ViSCA anniversary which were participated in by the ViSCA alumni, faculty and staff, varsity team, and Baybay and Ormoc City selections.
- The Department of Animal Science and Veterinary Medicine (DASVM) and the Ormoc Horsemen Association sponsored the Horse Slalom held on July 30. DASVM likewise organized the Dog Show with 25 dog entries in the adult category and 9 in the puppy category during the Farmers' Field Day on July 29. DASVM also sponsored the Rodeo 2000 on July 31, which was participated in by 8 competing teams. The Xavier University (XU) Rodeo Team emerged as the overall champion.
- The Aquafest 2000, an added feature during the 76th ViSCA Anniversary from July 25-August 1, was participated in by four aquarium owners from Baybay, Ormoc City, and ViSCA.



Showing their unity during the yuletide season, the different choral contest factions joined and sang together the contest piece thereafter the declaration of the winners.



ViSCA harnesses students' talents and potentials by exposing to various social and educational activities. Photo above shows some ViSCA students performing a folk dance during the ViSCA Night as part of the Baybay Fiesta highlights.

- The December 14 ViSCA faculty and staff Christmas Bash featured a choral contest among different teams. The following emerged as winners: Blue Marlins- 1st place, Stingray- 2nd place, and Blue Sharks- 3rd place.
- The "ViSCA Night 2000," which was ViSCA's special presentation in celebration of the Baybay Town Fiesta, showcased a variety of songs and dances skillfully interwoven into a meaningful depiction of contemporary rural life of Filipinos.

Linkages

ViSCA is indebted to the following agencies/institutions which provided financial/technical support for its staff development program, acquisition of supplies and equipment, exchange of technology information, project coordination, and travel grant:

INTERNATIONAL

- Agricultural Education European Economic Council (AEEEC)
- Albert Mann Library - Cornell University
- Asia Pacific Association of Forestry Research Organization (APAFRO)
- Asia-Pacific Agroforestry Network (APAN)
- Asian Development Bank (ADB)
- Asian Institute of Forest Management (AIFM)
- Asian Network for Sweetpotato Genetic Resources (ANSWER)
- Association of Southeast Asian Nations (ASEAN) Biodiversity Centre



ViSCA forged/strengthened/expanded institutional linkages both locally and internationally to augment support for its programs.

- 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
- Center for International Forestry Research (CIFR)
- Centre de Coopération Internationale en Recherche Agronomique pour le Développement (CIRAD), Montpellier, France
- Centro Internacional de Agricultura Tropical (CIAT)
- Centro Internacional de Agricultura Tropical -Forage for Smallholders Project (CIAT-FSP)
- Centro Internacional de la Papa (CIP)
- Centro Internacional de Mejoramiento de Maize y Trigo (CIMMYT)
- Conservation Farming for Tropical Uplands (CFTU) Program
- Cornell International Institute for Food, Agriculture, and Development (CIIFAD)

ViSCA-ACIAR MOA signing with ACIAR Director, Dr. Robert Clements.

- Darwin Initiatives, UK
- Department of Postharvest Science of Fresh Produce (DPSFP), Israel
- Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ)
- European Nature Heritage Fund (EURONATUR)
- Food and Agriculture Organization-United Nations (FAO-UN)
- Forestry Research Support Programme for Asia and the Pacific (FORSPA)
- Forestry/Fuel Research and Development (F/FRED)
- 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 Coconut Genetic Resources Network (COGENT)
- International Development Research Centre (IDRC)
- International Foundation for Agricultural Development (IFAD)
- International Foundation for Science (IFS), Sweden
- International Institute for Rural Reconstruction (IIRR)
- International Institute of Entomology (IIE), London
- 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)
- Philippine-Canada Environmental and Economic Management Project (PCEEMP)
- Rice IPM Network, IRRI
- SEAMEO Regional Center for Graduate Study and Research in Agriculture (SEARCA)
- Southeast Asian Network for Agroforestry Education (SANAFE)
- Tropical Development Research Center (TDRC)
- Tropical Forest Ecosystem Management, China
- 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)
- World Vision (WV)

NATIONAL - GOVERNMENT AGENCIES

- 8th Regional Community Defense Group of the Philippine Army-Camp Downes, Ormoc City
- 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)
- Association of College of Agriculture in the Philippines (ACAP)
- 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 (BPHRE), Nueva Ecija
- Camp Downes, Ormoc City
- Central Visayas Integrated Agricultural Research Center (CEVIARC)
- Central Visayas Regional Project (CVRP)
- City Agriculture Services Office (CASO), Ormoc City
- City Government of Ormoc
- Civil Service Commission (CSC)
- 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 - Agricultural Training Institute (DA-ATI)
- Department of Agriculture-Bureau of Agricultural Research (DA-BAR)
- 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 Health (DOH)
- Department of Health, Research Institute of Tropical Medicine, Manila
- Department of Health, Tacloban City
- 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 Interior and Local Government (DILG)
- Department of Labor and Employment (DOLE)
- Department of Labor and Employment-Overseas Workers' Welfare Association (DOLE-OWWA)
- Department of Public Works and Highways (DPWH)
- Department of Science and Technology (DOST)
- Department of Science and Technology - Science Education, Inc. (DOST-SEI)
- Department of Social Welfare and Development (DSWD)
- Department of Trade and Industry (DTI)
- Development Bank of the Philippines (DBP)
- Eastern Visayas Integrated Agricultural Research Center (EVIARC)
- Ecosystem Research and Development Bureau (ERDB)
- Educational Development Program Implementing Task Force (EDPITAF)
- Environment Management Bureau (EMB)
- Environmental Legal Assistance Center (ELAC)
- 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 of Aborlan, Palawan - Outreach Projects
- National Academy for Science and Technology (NAST)

- National Agricultural Resources and Development Network (NARDN)
- National Commission for the Culture and Arts (NCCA)
- National Economic Development Authority (NEDA)
- National Food Authority (NFA), Maasin City
- 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 Statistics 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.
- PhilHealth
- Philippine State Universities and Colleges Computer Education System (PSUCCES)
- Philippine Agricultural Resources Research Foundation, Inc. (PARRFI)
- Philippine Animal Health Center (PAHC)
- Philippine Association of State Universities and Colleges (PASUC)
- Philippine Coast Guard (PCG)
- 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 Resources Research and Development (PCAMRRD)
- Philippine Council for Industry and Energy Research and Development (PCIERD)
- Philippine Federation of Rural Broadcasters (PFRB)
- Philippine Foundation for Environment (PFE)
- Philippine National Bank (PNB)
- Philippine National Herbarium - Manila
- Philippine National Oil Company (PNOC), Leyte
- Philippine National Police (PNP), Baybay and Inopacan, Leyte
- Philippine National Volunteer Service Coordinating Agency (PNVSCA)
- Philippine Phosphate Fertilizer Agency (PHILPHOS)
- Philippine Rice Research Institute (PhilRice)
- Philippine Seedboard (PSB)
- Philippine Textile Research Institute (PTRI)
- Philippine-German Environment Research and Development Program (PGERDP)
- 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
- Regional Association of Provincial and City Agriculturists (REAPCA)
- Regional PNP SOSIA - Camp Ruperto, Palo, Leyte
- Sille 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 (WLPH)
- Western Samar Agricultural Resources Research Center (WESAMAR)
- Western Visayas Integrated Agricultural Research Center (WESVIARC)



TESDA-VISCA MOA signing

NON-GOVERNMENT

- ABBC International Managers and Consultants, Inc. - So. Cotabato
- ABS-CBN-DYAB, Cebu City
- Action for Development Foundation (ADF)
- ACTION, Inc., Ormoc City
- AIFAMUCO
- Allied Bank - Baybay Branch
- Apid Consumer's Cooperative (ACC)
- Apid Women's Livelihood Association (AWLA)
- Asian Media Information and Communication Center (AMIC)
- Barangay Federation of Aquatic Resource Management Council
- Baybay Water District (BWD)
- Bendigo Farms, Leyte
- Blessed Philippines, Inc.
- Bohol Chronicle
- Bohol Integrated Agriculture Promotion Project (BIAPP)
- Bohol Times, Tagbilaran City
- Bombo Radyo, Cebu City
- Bread of Life Ministries
- Breeder's Agrivet Supplies
- Business Action Integration Foundation (BAIF)
- California Energy (CAL-EN), Leyte
- Camotes Islands Multi-Purpose Cooperative (CIMPC)
- CARE - Philippines
- Castilla Gintong Ani Farmers Association (CAGAFA)
- Cebu Ornaments Multi-Purpose Coop., Inc. (COMCI)
- Center for Peasants' Concern and Services (CENPECS)
- Children and Youth Foundation of the Philippines (CYFP), Makati City
- Cienda San Vicente Farmers Association (CSVFA)
- Coconut Industry Investment Fund (CIIF)
- Community Craft Association of the Philippines (CCAP)
- Cotton Development Authority (CODA)
- Cyanamid Agricultural Product Philippines
- DEMOLAN Foundation

- Department of Agricultural Economics & Agribusiness (DAEA-ViSCA) Alumni Scholarship
- Department of Agricultural Engineering & Applied Mathematics (DAEAM-ViSCA) Scholarship
- Diocesan Pastoral Secretariat
- Diocese of Maasin
- Don Felipe Hotel, Ormoc City
- East-West Seed Company
- Eastern Visayas Telephone Company (EVTELCO) - Bayan Tel
- Environment Conservation Research Office (ECRO)
- Environmental Development Concern Association Inc., Tacloban City
- Environmental Legal Assistance Center (ELAC)
- Environmental Research and Development Bureau (ERDB)
- ERAP Foundation
- European Nature Heritage Fund (ENHF)
- Ford Foundation
- Fortune Guarantee & Insurance Corporation (FGIC)
- Foundation for Advanced Studies in International Development (FASID)
- Foundation for Resource Linkage and Development (FRLD)
- Foundation for the Philippine Environment (FPE)
- Golden Valley Inn, Cebu City
- Green Earth, Maasin City
- Island Reporter, Ormoc City
- Jollibee, Ormoc City
- KANGARA Cooperative, Carigara, Leyte
- KAUSWAGAN Community Health Center/All Visayas Action Group
- La Tondeña Distillery, Inc.
- LABRADOR, Tacloban City
- Leyte Electric Cooperative (LEYECO IV)
- Leyte Family Development Organization (LEFADO)
- Leyte Park Hotel, Tacloban City
- Leyte-Samar Weekly, Tacloban City
- Leyteño Association of Ontario (LAO), Canada
- LIDE Development Corporation
- Mag-uugmad Foundation Inc. (MFI)
- Mahaba Consumer's Cooperative (MCC)
- Makati Dog and Cat Hospital
- Martinez Farm, Merida, Leyte
- Mindanao Foods Corporation, Cebu City
- Modomo Veterinary Practice and Trading
- MRC Allied Industries, Inc.
- Municipal Fisheries and Aquatic Resources Management Council (MFARMC)
- Ormoc Observer, Ormoc City
- Ormoc Villa Hotel, Ormoc City
- ORPFLOMCO, Ormoc City
- Pacific Traders and Manufacturing Corporation, Mandaue City
- Pagkaon 2000, Negros Province
- Pearl S. Buck International, Ormoc City
- People's Credit and Finance Corporation (PCFC)
- People's Movement for Empowerment and Development (PMED)
- PEOPLE, Inc., Ormoc City
- Philippine Agroforestry Education Network Association (PAENA)
- Philippine Coast Guard Auxiliary (PCGA)
- Philippine Endemic Species Conservation Program (PESCP), Antique
- Philippine Health Social Science (PHSS)
- Philippine Institute of Development Studies (PIDS)

- Philippine Kaneko Seeds Corporation
- Philippine Partnership for the Development of Human Resources in Rural Areas (PHILDHRRRA)
- Philippine Records Management Association (PRMA)
- Philippine-German Development Foundation (PHILGERFUND)
- Plan International
- Radio Communications of the Philippines, Inc. (RCPI)
- Ramon Aboitiz Foundation, Inc. (RAFI)
- Rural Bank of Kananga
- Saint Michael Development Cooperative (SAMIDECO)
- San Miguel Corporation (SMC)
- Save Ormoc Bay Aggrupation (SOBA), Ormoc City
- Selected Ethnic Group Educational Assistance Program (SEGEAP)
- Sibol ng Agham at Teknolohiya (SIBAT), Quezon City
- Small Islands Agricultural Support Services Programme (SMISLE)
- Social Action Center of Maasin (SACM), Maasin City
- SOS Earth, Ormoc City
- State Special Study Grant (SSSG)
- Strategic Alliance of Volunteers for the Environment (SAVE), Baybay, Leyte and Maasin City
- Tacloban Star
- TAMBULI-UNESCO
- Tandaya Foundation, Inc.
- The Freeman, Cebu City
- Tulin Scholarship
- VALUES Inc., Tacloban City
- Verbena Pension House, Cebu City
- Virginia Foods - Banilad, Mandaue
- ViSCA Credit Cooperative (ViSCCo)
- ViSCA Educational Foundation, Inc. (VEFI)
- ViSCA Foundation for Agricultural Rural Development (ViFARD)
- Weed Science Society of the Philippines (WSSP)
- Western Leyte Foundation for Agro-Rural Entities, Inc. (WELFARE)
- Western Samar Development Foundation (WSDF)
- Women Health Philippines (WHP)
- Women Studies Association of the Philippines (WSAP)

EDUCATIONAL INSTITUTIONS - INTERNATIONAL

- Cornell University (CU)
- Kasetsart University (KU)
- King Mongkut's Institute of Technology Thonburi (KMUTT), Bangkok, Thailand
- Louisiana State University (LSU)
- Martin Luther University - Halle, Germany
- Nagoya University - International Cooperative Center for Agriculture Education, Japan
- National Taiwan University, Republic of China
- Satya Wacana Christian University, Indonesia
- Umwelt Forschungszentrum Leipzig (UFZ), Germany
- Universiti Pertanian Malaysia (UPM)
- 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 Helsinki, Finland - Department of Plant Production - Horticulture Section, Finland

- University of Hohenheim, Germany
- University of Joensuu, Finland
- University of Oxford - Forestry Institute
- University of Queensland, Australia
- University of Reading - Agricultural Extension and Rural Development Department (UR-AERDD), UK
- University of Ryukyus - Department of Bioproduction (UR-DB), Okinawa, Japan
- University of Tsukuba - Institute of Agriculture and Forestry, Japan
- University of Vienna, Austria
- University of Waikato, New Zealand

NATIONAL

- Antique College of Agriculture (ACA)
- Ateneo de Davao, Davao City
- Ateneo de Manila University
- Bicol University - College of Agriculture (BUCA)
- Bohol Agricultural College (BAC)
- Central Visayas State College of Agriculture, Forestry and Technology (CVSCAFT), Bohol
- Mindanao Polytechnic State College (DMMMPSC), Cagayan de Oro City
- 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 San Carlos (USC)
- University of the Philippines (UP)
- University of the Philippines - College of Home Economics
- University of the Philippines - Open University
- University of the Philippines - KADAYAO GAD Resource Center, Tacloban City
- University of the Philippines at Los Baños (UPLB)
- UPLB - College of Forestry and Natural Resources
- UPLB - Institute of Agroforestry
- UPLB - Institute of Chemistry
- UPLB - Institute of Plant Breeding
- UPLB - Museum of Natural History
- UPLB - National Crop Protection Center
- UPLB - Postharvest Horticulture Training and Research Center (PHHTRC)
- Xavier University (XU)

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Goals

1. Produce high and middle-level quality manpower in agriculture and allied fields to serve the development needs of the region.
2. Generate agricultural production and processing technologies and technology dissemination strategies adaptable to small farms.
3. Search for ideas that promote effective policy formulation and management of rural development programs.
4. Improve the productivity, profitability, equity and well-being of the Visayan farmers and their household members through ecologically sound natural resources management.
5. Promote effectiveness, efficiency and productivity in the operation of the college units.

Objectives

1. To strive for excellence in agriculture education for regional and rural development.
2. To sharpen its focus on impact programs and projects in instruction, research, and the application of new knowledge for the well-being of the small Visayan farmers and rural families.
3. To build enduring linkages with national and international institutions and agencies for the promotion of relevant instruction, meaningful research, and effective transmission of useful knowledge in the rural communities in the Visayas.

The ViSCA 2000 Annual Report is published by the Planning and Development Office (PDO) in cooperation with the various offices, departments, centers/institutes of the College.

Consultant: **Paciencia P. Milan**

Production Supervisor: **Daniel M. Tudtud, Jr.**

Text Editors: **Lucy B. Paloma & Zenaida D. Gerona**

Text Consolidation: **Bernardita P. Bibera**

Design & Layout: **Elvira B. Gorre**

Photo Credits: **Jesus Freddy M. Baldos, NARC, NCRC, ICRAF, ITE, BIDANI, PhilRootcrops**

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