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ANNUAL REPORT

VISAYAS STATE UNIVERSITY 2008 ANNUAL REPORT

Vision

VSU as a Center of Excellence in education and research in agriculture and allied fields in the Visayas.



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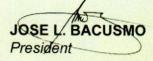


# FOREWORD

The year 2008 was another productive period of the Visayas State University (VSU) as a staunch advocate of quality education, despite its budgetary restrictions for instruction, research, and extension programs.

In instruction, VSU implemented two new graduate programs, (Master of Education and Master of Management) and two new undergraduate programs (BSCivil Engineering and BS Criminology), which implies that the university is fully committed to provide affordable and relevant education to all its target clientele in Region VIII. Likewise, it produced three topnotchers from the first batch of BS Geodetic and Geomatics Engineering graduates who took the licensure examination for geodetic engineers, which suggests that the culture of excellence in the instruction program is persistently and vigorously pursued. In research and development, on the other hand, VSU sourced out millions of pesos through local and international grants to finance its flagship research agenda; and further, it produced new makapuno varieties, collected 794 accessions of abaca germplasm, and conserved 943 accessions of sweet potato. The university's indefatigable and competent researchers also reaped awards of recognition, as follows: UGNAY Award by PCARRD, One of the "50 men and women of science" by DOST, Pantas Award by PCARRD, and Best Paper by DA-BAR, which indicates that the university is highly supportive of the staff's research endeavor. Moreover, in extension and community involvement, VSU consistently provided technical assistance to all its clientele and collaborators, namely: the livestock entrepreneurs, rainforestation management workers, the health and wellness enthusiasts, and the small Visayan farmers. Similarly, the university successfully showcased different mature technologies, such as the ecological demonstration farm, forest nursery, gmelina plantation, coconut and intercropping demonstration farm, and coconut seed garden.

All of these and many more were achieved by the university not only because of its excellent linkages and partnerships with local and international NGOs and the line agencies of the government, but also of its strengthened, reinvigorated, and cooperative efforts of faculty, research and extension staff who never refuse to work whenever their expertise is essentially demanded and who have cultivated in their hearts and minds the passion for quality services.



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# Visayas State University

6521 Visca, Baybay, Leyte, Philippines



16 July 2009

Her Excellency President Gloria Macapagal-Arroyo Republic of the Philippines Malacañan, Manila

Through:

Dr. Nona S. Ricafort

Chairman, Board of Regents Visayas State University

Madam:

May I have the honor to submit the Annual Report of the Visayas State University (VSU) for CY 2008.

This report summarizes the achievements in line with the major thrust of the university for countryside development and reflects the unity and dynamism of its constituency in realizing the institutional goals and objectives.

Let me convey my profound gratitude to your generous and continuing support for the growth of VSU, thus enabling the university to carry out its role in support of the national development.

Very truly yours,

JOSE L. BACUSMO President

# HIGHLIGHTS









The VISAYAS STATE UNIVERSITY remained focus to fulfill its vision as a center of excellence in education and research in agriculture and allied fields in the Visayas. True to its commitment to serve the Filipino people, particularly the Visayan populace, the university enhanced its avowed goal for excellent education, relevant research and development programs, and improved its engagement with the community. With the conscientious efforts of the constituents of the university in the past years, the university received awards of recognition.

YEAR 2008 was capped with various accomplishments of the faculty, staff and students. Recognitions received by the University in 2008 served as a testimony of the natural consequence of hard work. Leading the pack of individuals who received national recognition were the University President, Dr. Jose L. Bacusmo; the PhilRootcrops that exemplified the commitment of the different units of the university to conduct research and disseminate information and technology; and the VSU-led VICARP that received the UGNAY Award for the third time, reflecting VSU's commitment to collaborative efforts with governmental agencies such as DA-VIII, DOST-VIII, NEDA-VIII and the regional SUCs.

## RECOGNITION

Dr. Jose L. Bacusmo, VSU President, was named one of the "50 Men and Women of Science" by the Department of Science and Technology (DOST), for his "sterling contributions to DOST's 50 years of successful leadership in science and technology development." The award was given in recognition of his achievements, as follows: for being the principal plant breeder of two varieties of cassava and five

by many farmers in Region VIII and in other root crop-producing regions of the country; for being instrumental in the development of Intellectual Property Office certified Intellectual Property Policy of VSU; for leading the establishment of industry service facilities — Abaca Plant Diagnostic Laboratory and Rootcrops Tissue Culture Laboratory at VSU; and for promoting





President Jose L Bacusmo, one of the "50 Men and Women in Science" given by DOST (left); Dr. Edgardo E Tulin, 2008 PCARRD Pantas Awardee (right).





The award of PhilRootcrops as CHED 2008 Outstanding Regional Higher Education Institution (HEI) for Research and Extension Program (left); the 1.0M pesos prize of ViCARP as winner of the 2008 UGNAY Award (right).

the commercial production of vacuum-fried jackfruit using technology generated by VSU. He was also chosen as a member of the Agriculture and Food Panel Experts, which is one of the six panels constituted by the Congressional Commission on Science and Technology and Engineering (COMSTE).

**Dr. Edgardo E. Tulin**, Professor of VSU and scientist of PhilRootcrops was awarded the **2008 PCARRD Pantas Award** (Research/Scientist Category) from the Philippine Council for Agriculture, Forestry and Natural Resources Research and Development (PCARRD) during the 36<sup>th</sup> PCARRD Anniversary on November 7, 2008.

The Philippine Root Crop Research and Training Center (PhilRootcrops) at VSU was the recipient of the CHED's 2008 Outstanding Regional Higher Education Institution (HEI) Research and Extension Program Awards and also the recipient of the 2nd Best HEI for Research in the Country Award.

The VSU-led Visayas Consortium for Agriculture and Resources Program (ViCARP), in collaboration with the Regional

R&D/Extension Network (RRDEN) of the Department of Agriculture Regional Field Unit No. 8 (DARFU), won the 2008 *UGNAY Award* for the third time (first in 1997 and second in 2003). The award was given by the Philippine Council for Agriculture, Forestry and Natural Resources Research and Development (PCARRD) to outstanding consortium in the country.

The Visayas State University (VSU), through the **Department of Computer Science and Technology (DCST)**, was entrusted to coordinate 12 public high schools in implementing the 2007 eGov funds under the Internet in School (iSchool) project of the Commission on Information and Communications Technology-Human Capital Development Group (CICT-HCDG) that supports the efforts of the Philippine Government and the Department of Education in integrating ICT education in the aforesaid Public High Schools.

VSU gained full recognition and accreditation by **TESDA** for the two technical-vocational programs on **Nursing Assistant** and **Caregiver**.

## INSTRUCTION

# Professional Licensure Examinations

Three (3) pioneer graduates of VSU's Bachelor of Science in Geodetic and Geomatics Engineering (BSGGE), namely: Lolita S. Jubay, Florencio F. Morales, and Diana Christa F. Gamutan, garnered 3<sup>rd</sup>, 4<sup>th</sup> and 6<sup>th</sup> places, respectively, in the 2008 Geodetic Engineering Licensure Examination given by the Board of Geodetic Engineering on September 2-3, 2008.

#### **New Curricular Programs**

Two graduate and two undergraduate programs were implemented effective first semester of SY 2008 - 2009 at the VSU Main and VSU Tolosa Campuses, as follows:

#### **VSU Main Campus**

- Master of Management program with Majors: Business Management and Agribusiness Management
- BS in Civil Engineering

#### **VSU Tolosa Campus**

- Master of Education program with Majors in English, Biology, Chemistry and Physical Education
- BS in Criminology

#### **Enrolment**

Collegiate and graduate school student enrolment for the VSU Main and the External Campuses was 5,573 and the secondary level enrolment was 519. Among the colleges, the College of Education registered the highest percentage as shown in Figure 1. The College of Forestry and Natural Resources registered the lowest number of enrollees.

#### **Graduates**

The VSU Main Campus presented 552 graduates during its 55<sup>th</sup> Collegiate Commencement Exercises, as follows: 2 Ph.D., 9 MS, 4 MAgDev, and 537 B.S. Thirty three (33) graduates obtained academic honors: 3 Magna Cum Laude and 30 Cum Laude.

Passing rate and number of t	opnotchers in profe	ssional licensure	e examinations.
Licensure Examination	Date of	Top 10	Institutional

Licensure Examination	Date of Examination	Top 10 Rank	Institutional Passing Percentage	National Passing Percentage
Agricultural Engineers	Aug. 19-20, 2008		71.43	37.74
Geodetic Engineers	Sept. 2-3, 2008	3 <sup>rd</sup> , 4 <sup>th</sup> , 6 <sup>th</sup> places	88.89	34.97
Agriculturists	July 7-9, 2008		46.96	30.67
Chemists	Sept. 9-10, 2008		50.00	47.00
Foresters	July 3-4, 2008		33.33	51.19
Veterinarians	Aug. 4-5, 2008		33.33	32.79
Teachers				
Elementary	April 6, 2008 &		75.00	30.47
Secondary	Sept. 28, 2008		69.00	35.34

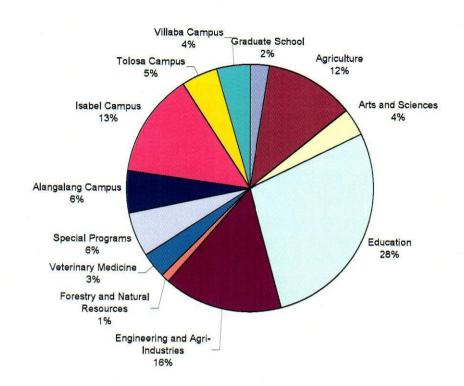


Figure 1. Student enrolment by College for the first semester, SY 2008-2009.

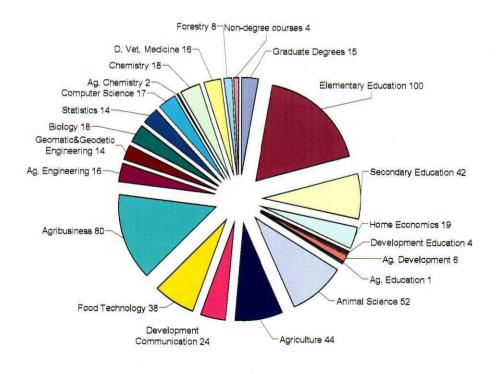


Figure 2. Number of graduates of the different programs in 2008, from the Main Campus.

The external campuses had the following graduates: Alangalang Campus – 99; Isabel Campus – 182; Tolosa – 37; and Villaba Campus – 64.

#### Performance of Students

- Two students of the VSU Main Campus, namely: Charmaine Q. Pantin and Jihan Santanina J. Santiago, junior BS in Chemistry and senior BS in Food Technology, respectively, went to Japan to participate in the "Japan-East Asian Network of Exchange Students and Youths (JENESYS) Program" and as exchanged students for a Short -Term Exchange Program (STEP) in Science and Engineering @ Tokyo University of Agriculture and Technology (TUAT), respectively.
- A senior BS in Hotel, Restaurant, and Tourism Management student of VSU Main Campus and reigning Miss VSU 2007 and Miss SCUAA 2007, Ma. Kristine D. Ortega, was adjudged as "Bitu-on han Leyte Kasadyaan Festival" (Star of Leyte Kasadyaan Festival) from among 11 other candidates.
- In the field of sports, VSU students won Gold Medals for lawn tennis (women), 100-m dash women, taekwondo senior women (bantamweight), taekwondo senior women (lightweight); Silver Medals for 200-m dash women and dance sports; and Bronze Medals for 100-m dash women, sepak takraw, volleyball women, and overall standing in taekwondo women during the State Colleges and Universities Athletic Association (SCUAA) Regional meet held in Sogod, Southern Leyte on October 25-30, 2008.
- Several students of the VSU System won in the different contests, as follows: Justine

Charles Batican, a junior BS Chemistry student of the VSU Main Campus – as VSU Singing Idol 2008, Iris M. Singson of VSU Isabel Campus won the 2<sup>nd</sup> place and Eriza Elina D. Truya of the VSU Main Campus won the 3<sup>rd</sup> place during the grand finals of the VSU Singing Idol Season 4; and the VSU Laboratory High School (VSU-LHS) students won the 1<sup>st</sup> prize of the Daygon Contest during the 1<sup>st</sup> Daygon Contest Inter-School Competition last December 14, 2008 which was organized by the DepEd Baybay City Divisions Office.

# Scholarships and Financial Assistance

- Thirty-six (36) graduate students of the VSU Main Campus enjoyed scholarships/grants/ assistantships from PCARRD 13, CHED-HEDP-FDP 12, VSU Staff Development 2, SPREAD 2, and VSU Graduate Teaching Assistant 7.
- A total of 1,585 undergraduate students of the VSU Main Campus during the 1st semester SY 2008-2009 enjoyed the following scholarships/grants: 420 - VSU scholarships, 245 - VSU grants-in-aid and 920 - scholarships funded by other agencies (Cong. Cari -68, DOST-SEI -61, Pagkaon - 45, CSSGPCD - 20, City Government of Ormoc - 9, An Waray Partylist - 9, Municipality of Baybay - 5, VSU Alumni Association – 5, ViSCCO – 5, 3 each from PPRI and PARRFI, 2 each from Bernardo Scholarship, CHED-NSP, CHED-RSP, Maroons Group of Friends, PCAFD, UCPB-CIIF, and San Isidro Labrador. and 1 each from East-West Company, Manuel-Cresencia Loreto Clan, Panasonic, PDMASP, Pura Farm, VGAA, WSSP).

# RESEARCH AND DEVELOPMENT

The total R&D budget for 2008 was P3,702,467.00 with 52% from overhead cost, 44% from centralized funds and 4% from direct cost. The biggest source of R&D funds came from ViSCA GOP Direct Cost (46%), Foreign Source (28%) and national/Local agencies (26%) (Figure 3).

#### **New Makapuno Varieties**

Three Makapuno hybrids - VMAC 1, VMAC 2 and VMAC 5 - of the VSU-based National Coconut Research Center-Visayas (NCRC-V) were registered with the National Seed Industry Council (NSIC).

#### **Germplasm Collection**

The National Abaca Research Center had collected 794 accessions of abaca germplasm. During the year, 18 abaca accessions and their relatives were collected from the islands of Negros and Samar; 101 accessions were placed *in vitro* conservation and 86 accessions were screened for abaca bunchy top (ABT); 110 accessions were documented with passport data; 90 accessions

had been morphological characterized; viz.: vegetative and morphological, inflorescence and fruit/seed parameters.

**PhilRootcrops** continued to maintain its germplasm in the field genebank which conserved 943 accessions of sweetpotato, 339 accessions of cassava, 304 accessions of gabi, 367 accessions of yams, 40 accessions of sincamas, 36 accessions of arrowroot, 2 accessions of talian and 2 accessions of pungapong.

#### **Awards and Recognition**

• **Dr. Victor B. Asio** of the Department of Agronomy and Soil Science (DASS) of the VSU Main Campus was a recipient of the *Humboldt Research Fellowship* and conducted a research at the University of Halle-Wittenberg in Germany from March 2008 to February 2009. He was the 18<sup>th</sup> Philippine-based Filipino scientist awarded with the fellowship since 1950. On the other hand, **Dr. Edgardo E. Tulin** was also awarded as the *Norman Borlaug Fellow* given by the United States Department of Agriculture (USDA), Washington, D. C.

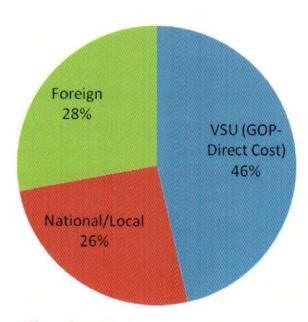


Figure 3. VSU R&D budget by fund source



Prof. Christina A. Gabrillo, Professional Media Awardee for Broadcast Category.

- Prof. Christina A. Gabrillo,
   Assistant Professor of the Department
   of Development Communication
   (DDC) received the Professional
   Media Award for Broadcast
   Category from the Philippine
   Council for Agriculture, Forestry
   and Natural Resources Research
   and Development (PCARRD) during
   the 36th PCARRD Anniversary on
   November 7, 2008.
- Eight VSU researchers reaped awards during the DA-BAR National Research Symposium, namely: Dr. Edgardo E. Tulin et al.— AFMA Best R&D Paper Award (Basic Research Category); Prof. Algerico Mariscal et al. 2nd runner-up (Basic Research Category); Dr. Anabella B. Tulin, Dr. Julieta R. Roa et al. and Dr. Roberta D. Lauzon et al. were finalists in the Applied Research Category; and Dr. Belita A. Vega et al. finalists in the Socio Economics Research Category

## **EXTENSION**

Technical assistance to the different clientele was provided by the following departments/centers:

- Department of Animal Science assisted private livestock entrepreneurs in nearby municipalities and barangays.
- Institute of Tropical Ecology conducted information drive and training in various communities in Leyte, Camotes - Cebu, Camarines Sur, Bohol, Quezon Province on rainforestation farming advocacy, natural

- resource management, eco-tourism, and coastal resources management.
- Institute of Human Kinetics conducted health and wellness clinics and lectures in various city and municipalities and barangays. Also specific barangay residents, dormitory residents, students, youth, and other folks were included in the training programs.
- National Coconut Research Center in the Visayas conducted training for coconut

farmers and entrepreneurs on the selection of planting materials and suitable sites, choice of border plants and intercrops, fertilizer application, copra drying and charcoal making, and choice of makapuno planting materials and their management and cultural practices.

 PhilRootcrops supported the program of the Provincial Government of Cebu in the distribution of sweetpotato for its SAKSAK (Sinanduloy sa Kabusog, Sinanduloy sa Kahimsog) program.

**Technology and Information for Dissemination:** Salicylic Acid, Aspirin, SiO<sub>2</sub>, chitosan and Boost were found effective in eliciting resistance in rice against bacterial blight and blast diseases.

Working Models were identified on the following coco-based nonfood products: semi-direct type copra dryers, charcoaling pit, and geotextile machine were developed by NCRC-V. Brgy. Hilapnitan in Baybay, Leyte was also identified as the model barangay for coconut plantation.

**Demonstration Farm**: With the leadership of researchers and extension specialists of the VSU Main Campus and in cooperation with

farmers cooperators, different technologies were showcased, such as:

- Ecological Demonstration Farm in the Main Campus is a showcase for the organic production of piggery, chicken, small ruminants (goat and sheep), and fruits and vegetables.
- Forest Nursery in the Main Campus established seedling nurseries that provide quality seedlings for interested groups, communities and other entities.
- Natural Resource Management Conservation practices were showcased through the Nature's Park in the VSU Main Campus, with the establishment of butterfly and tarsier sanctuaries.
- Gmelina Plantation in Mahaplag, Leyte was established using seedlings selected from various sources. The plantation showcased the importance of selecting seeds with good maternal phenotype.
- Demo Farms on Coconut Production and Intercropping using both annual and perennial crops as intercrops.
- Coconut Seed garden (Calubian, Leyte & Macrohon, Southern Leyte) showcased the performance of dwarf coconuts (Albuera and Tacunan dwarfs).

## GENERAL ADMINISTRATION

- The Farm and Resource Management Institute (FARMI) was renamed the Eco-Farm and Resource Management Institute (Eco-FARMI) per BOR Resolution No. 67, s. of 2008 dated October 8, 2008.
- The Government Service Insurance System (GSIS) installed a GSIS Wireless

Automated Processing System (G-WAPS) Kiosk at VSU to enable GSIS members

of the university and the neighboring barangays and towns to electronically process GSIS transactions including loans and other claims with the GSIS without necessarily visiting their offices.





Signing of the Memorandum of Agreement with PPR/Scholarship (left); and Dream Search International (right).

## COLLABORATION

During the year, VSU forged agreements and partnerships with the following agencies: Philippine Council for Agriculture, Forestry and Natural Resources Research and Development (PCARRD) for the implementation of policy research on the state and future supply and demand for AFNR graduates in the Philippines and its key strategies collaborative projects on fruits and vegetables, and enhancement of the functionality of the VSU P2 Laboratory to provide additional equipment to support capability development and for the implementation of Phase I of the research program on Herbal Medicine for the Management of Common Strongyle Worm in Goats; International Rice Research Institute (IRRI) for the implementation of the following collaborative projects: Assessing the Impact of Pesticide Information in Print Advertisements on Rice farmers in the Philippines, Bringing About a Sustainable Agronomic Revolution in Rice Production in Asia By Reducing Preventable Pre- and Postharvest Losses, and Assessing

the Impact of Communication Campaigns and Radio Soap Operas On Farmers' Pest Management Decision Making in Vietnam; **DA-GMA Corn** – for the Mass Propagation of Cassava Planting Materials Through Tissue Culture; Professional Placement Recruitment. Inc. (PPRI) for the scholarship of VSU students; Local Government Unit of Pilar, Camotes, Cebu for assistance in the municipality rainforestation farming; Occidental Levte Farmers' Cooperative (OLFAMCO) in Ormoc City on the cassava development project; Dream Search International, Inc. (DSII) for the partnership in the Student Exchange and Travel Program (SCET Pro), Work and Travel Program (WAT-USA) and Internship Program under the USA Mutual Educational and Cultural Exchange Visitor Program that would allow VSU students to conduct internship or on-the-job training in the United States of America.

# INSTRUCTION











The University's formal teaching and learning function is spread over six colleges in the Main Campus and in the four External Campuses. The Colleges in the Main Campus devoted to undergraduate and graduate teaching are the College of Agriculture, College of Arts and Sciences, College of Engineering and Agri-Industries, College of Education, College of Forestry and Natural Resources and the College of Veterinary Medicine. The External Campuses are located in Isabel, Villaba, Alangalang and Tolosa in the province of Leyte.

# **CURRICULAR OFFERINGS**

#### **Graduate Programs**

- The Master of Management program with majors in Business Management and Agribusiness Management was offered in the Main Campus effective 1<sup>st</sup> semester of SY 2008-2009.
- The adoption of Master of Education (MEd) program with majors in English, Biology, Chemistry and Physical Education was implemented at the VSU Tolosa Campus effective 1st semester of SY 2008-2009.

#### **Undergraduate Programs**

- The BS in Civil Engineering was offered in the Main Campus effective 1<sup>st</sup> semester of SY 2008-2009.
- The BS in Criminology was offered in the VSU Tolosa Campus effective 1<sup>st</sup> semester of SY 2008-2009.
- VSU Alangalang Campus re-offered the Bachelor of Secondary Education (BSED major in Mathematics in SY 2008-2009.

# **CURRICULAR DEVELOPMENT**

# **Graduate Programs**

• The Graduate School reviewed and endorsed for Board of Regents' (BOR) approval the proposal of VSU Tolosa Campus to offer the following: MS Fisheries major in Aquaculture and Fish Processing Technology, Master of Aquaculture, and Master of Arts in Education (MAEd) major in Administration and Supervision.

# **Undergraduate Programs**

- The VSU BOR approved the proposal to revise the BSN curriculum pursuant to CMO No. 5. S. 2008.
- VSU Alangalang Campus revised BEED and BSED curricula in accordance with CMO No. 30 S. 2004.

# **ENROLMENT PROFILE**

In the 1<sup>st</sup> semester of school year 2008-2009, student enrolment of the VSU Main Campus totaled 4,137, posting a 5% increase in student over that of 2007 (Table 1). The BS Hotel, Restaurant & Tourism Management (BSHRTM) course registered the highest enrollment with 1,023 students, or a 32% increase. The Bachelor

of Animal Science posted a 21% increase. Initial offering of the Master of Management and BS in Civil Engineering in 2008 drew few enrollees.

The external campuses had the following student enrolment: Alangalang Campus – 329; Isabel Campus – 770; Tolosa Campus – 282; and Villaba Campus – 255.

Table 1. Two-year comparative student enrolment by degree programs in the Main Campus for the first semester of SY 2007 – 2008 and SY 2008 – 2009.

PROGRAMS	2007-2008	2008-200
Graduate Programs		
Ph.D.	19	19
M.S.	79	57
Master of Agricultural Development (MagDev)	44	25
Master of Education (Med)	21	27
Master of Management (MM)		16
SUBTOTAL	163	144
UNDERGRADUATE PROGRAMS		
Doctor of Veterinary Medicine (DVM)	206	195
BS in Agricultural Engineering (BSAE)	75	65
BS in Geomatics and Geodetic Engineering (BSGGE)	81	64
Bachelor of Animal Science (BAS)	250	304
BS in Agriculture (BSA)	262	226
BS in Agribusiness (BSAB)	321	288
BS in Agricultural Chemistry (BSAC)	8	8
BS in Chemistry (BSC)	89	87
BS in Agricultral Development (BSAgDev)	18	7
BS in Agricultural Education (BSAgEd)	3	2
BS in Development Communication (BSDC)	124	114
BS in Food Technology (BSFT)	232	219
BS in Forestry (BSF)	58	50
BS in Home Economics (BSHE)	40	21
BS in Statistics (BSS)	56	49
BS in Biology (BSBio)	106	72
BS in Computer Science (BSCS)	230	266
Bachelor of Secondary Education (BSEd)	178	196
Bachelor of Elementary Education (BEEd)	408	326
BS in Hotel, Restaurant & Tourism Management (BSHRTM)	775	1,023
BS in Development Education (BSDE)	53	47
BS in Economics (BSEcon)	21	23
BS in Biotechnology (BSBiotech)	8	19
BS Nursing (Ladderized)	163	307
BS in Civil Engineering (BSCE)		15
SUBTOTAL	3,765	3,993
GRAND TOTAL	3,928	4,137

Table 2.

## **GRADUATES**

From the VSU Main Campus, 552 graduates were conferred with their corresponding degrees during its 55<sup>th</sup> Collegiate Commencement Exercises. The breakdown of graduates in Table 2 included 33 undergraduates with Latin honors (3 with *magna cum laude* and 30 with *cum laude*).

Of the 90 high school graduates who received their diplomas during the VSULHS 78th

Commencement Exercises, 21 earned the following which included the valedictorian and the Salutatorian: 4 – With Highest Honors and 15 – With High Honors.

The external campuses had the following graduates: Alangalang Campus – 99; Isabel Campus – 182; Tolosa – 37; and Villaba Campus – 64.

552

PROGRAMS	NUMBER OF GRADUATE
Ph.D.	2
M.S.	9
MAgDev	4
SUB-TOTAL	15
Bachelor of Elementary Education	100
Bachelor of Secondary Education	42
Bachelor of Science in Ag. Education	
Bachelor of Animal Science	52
Bachelor of Science in Agriculture	44
Bachelor of Science in Agribusiness	80
Bachelor of Science in Home Economics	19
Bachelor of Science in Forestry	8
Doctor of Veterinary Medicine	16
Bachelor of Science in Ag. Engineering	16
Bachelor of Science in Geomatics & Geodetic Engineering	14
Bachelor of Science in Food Technology	38
Bachelor of Science in Biology	18
Bachelor of Science in Statistics	14
Bachelor of Science in Computer Science	17
Bachelor of Science in Development Communication	24
Bachelor of Science in Agricultural Chemistry	2
Bachelor of Science in Chemistry	18
Bachelor of Science in Agricultural Development	6
Bachelor of Science in Development Education	4 1 1
SUB-TOTAL	533

Number of graduates from the VSU-Main Campus, SY 2007-2008.

TOTAL

Non-degree program



The cream of the 2008 graduates.

# **PERFORMANCE OF STUDENTS**

#### **Honors and Awards**

During the 55th Collegiate Commencement Exercises of the VSU Main Campus on April 4, 2008, 33 graduated with Latin honors (3 magna cum laude and 30 cum laude). Special awards and medals, including the Civil Service Eligibility given by the Civil Service Commission, were granted to the following honor graduates:

- Clark B. Macariola, BS Chemistry (BS Chem), magna cum laude VSU Academic Award for Excellence, Vice President Noli de Castro Academic Excellence Award, Gov. Jesus Jurdin M. Romualdo Award of Excellence, DOST Award of Excellence for Science, and Phi Delta Outstanding Thesis Award.
- Asha Virlin BN. Flandez, BS Chemistry (BS Chem), magna cum laude Senator Manuel B. Villar, Jr. Academic Excellence Award, Gov. Jesus Jurdin M. Romualdo Award of Excellence, DOST Award of Excellence for Science, and Phi Delta Outstanding Thesis Award.

- Val Anthony M. Borines, BS Chemistry (BS Chem), magna cum laude Gov. Jericho L. Petilla Award for Most Outstanding Student, Senator Manuel B. Villar, Jr. Academic Excellence Award, and Phi Delta Outstanding Thesis Award.
- Cecile Marie O. Quiñonez, BS in Agriculture (BSA-Soil Science), cum laude - Senator Edgardo J. Angara Award of Academic Excellence and Breeders Award of Excellence.
- Marilyn R. Platero, BS Statistics (BSS), cum laude - Senator Edgardo J. Angara Award of Academic Excellence and DOST Award of Excellence for Science.
- Eileen B. Bandalan, BS Food Technology (BSFT), cum laude Senator Edgardo J. Angara Award of Academic Excellence and LSU-CDC Award of Excellence.
- Beta Zenia L. Poliquit, BS Chemistry (BS Chem), Wella L. Villafania, Bachelor of Secondary Education (BSEd Biology-Chemistry), Sherma G. Mindajao, BS Development Communication (BSDC-

Community Broadcasting), Jecil Joy B. Binueza, BS in Agribusiness (BSAB), Miriel O. Pido, BS Computer Science (BSDC), Nancy C. Donayre, Bachelor of Secondary Education (BSEd-Mathematics), Jay Mar D. Quevedo, BS Biology (BS Bio-Ecology), all cum laude - Senator Edgardo J. Angara Award of Academic Excellence.

- Maria Katrina B. Piamonte, BS in Agriculture (BSA-Soil Science), cum laude

   Senator Allan Peter S. Cayetano Award of Academic Excellence and Breeders Award of Excellence.
- Bernard A. Virtudazo, BS Statistics (BSS), Ma. Fe Novere C. Evangelio, BS Development Communication (BSDC-Education Computer Technology), Jessielyn B. Nayre, Bachelor of Elementary Education (BEEd), Maria Athena Cris P. Sanico, Bachelor of Elementary Education (BEEd), all cum laude – Senator Allan Peter S. Cayetano Award of Academic Excellence.
- Maria Fe P. Entero, Bachelor of Elementary Education (BEEd), Jeannielyn E. Mayingque, BS Development Communication (BSDC-Development Journalism), Jayson V. Godoy, BS Development Communication (BSDC-Ed. Com. Tech), Marvin D. Polenio, BS Chemistry (BSChem), Emalyn L. Cabalhin, Bachelor of Elementary Education (BEEd), all cum laude – Senator Francis Escudero Award of Academic Excellence.
- Ernesto J. Felizarta, Bachelor of Elementary Education (BEEd), Elezar Q. Matinao, Bachelor of Science in Education (BSEd), all cum laude Senator Panfilo M. Lacson Award of Academic Excellence.
- Shecky May M. Nillama, BS Food Technology (BSFT), cum laude Senator Loren A. Legarda Award of Academic Excellence and Governor Zayco's Award of Excellence (for Pagkaon scholars).

- Gina A. Delima, BS Agribusiness (BSAB), Maria Theresa C. Guino, Bachelor of Secondary Education (BSEd-Biology-Chemistry), Emmalinda S. Luntayao, Bachelor of Secondary Education (BSEd-Biology-Chemistry), all cum laude—Senator Loren A. Legarda Award of Academic Excellence.
- Maricar A. Mallari, BS Agribusiness (BSAB), cum laude – Senator Jamby S. Madrigal Award of Academic Excellence and Governor Zayco's Award of Excellence (for Pagkaon scholars).
- Fredelyn V. Casimong, Bachelor of Elementary Education (BEEd), Jelann S. Ermac, Bachelor of Computer Science (BSCS), Riolen A. Carbon, Bachelor of Elementary Education (BEEd), all cum laude - Senator Jamby S. Madrigal Award of Academic Excellence.
- Junmar P. Loreto, Certificate in Geodetic and Geomatics Technology, with honors
   Senator Jamby S. Madrigal Award of Academic Excellence.

#### Students' Awards/ Achievements

- Charmaine Q. Pantin, a junior BS in Chemistry student of VSU Main Campus, was among the 100 first batch of Student Ambassadors to Japan to participate in the "Japan-East Asian Network of Exchange Students and Youths (JENESYS) Program" from May 13 to 22, 2008. She was selected by the National Youth Commission (NYC) in cooperation with the Japan International Cultural Center (JICC) of the Embassy of Japan and the Japan International Cooperation Center (JICE).
- Jihan Santanina J. Santiago, a fourth year BS in Food Technology (BSFT) student of VSU Main Campus, was in Japan as an exchange student from October 2008 to September 2009 for a Short -Term

Exchange Program (STEP) in Science and Engineering @ Tokyo University of Agriculture and Technology (TUAT). The program aims to provide the students with opportunities for education and research regarding the latest technology in Japan, contribute to the development of science and technology through cooperative research and work international students, promote the globalization of TUAT by fostering the relationship between TUAT students and international students, and give a better understanding of Japan to international students and turn out competent individuals familiar with Japan so that they can work in international fields.

- Ma. Kristine D. Ortega, a fourth year BS in Hotel, Restaurant, and Tourism Management (BSHRTM) student of VSU Main Campus and reigning Miss VSU 2007 and Miss SCUAA 2007, represented the "Binaybayon Festival" of Baybay City and was adjudged as "Bitu-on han Leyte Kasadyaan Festival" (Star of Leyte Kasadyaan Festival) from among 11 other candidates representing the different festivals from various municipalities in Leyte.
- In the field of sports, VSU won the following games during the State Colleges and Universities Athletic Association (SCUAA) Regional meet held on October 25-30, 2008 at the Southern Leyte State University (SLSU) in Sogod, Southern Leyte: Gold Medals lawn tennis (women), 100-m dash women, tae kwon do senior women (bantamweight), tae kwon do senior women (lightweight); Silver Medals 200-m dash women and dance sports; Bronze Medals 100-m dash women, sepak takraw, volleyball women, and overall standing in tae kwon do women.
- Justine Charles Batican, a junior BS Chemistry student of the VSU Main Campus, was proclaimed as the VSU Singing Idol 2008, Iris M. Singson of

- VSU-Isabel Campus won the 2<sup>nd</sup> place and **Eriza Elina D. Truya** of the VSU Main Campus won the 3<sup>rd</sup> place during the grand finals of the *VSU Singing Idol Season 4* which was held on December 12, 2008 at the VSU Gymnatorium.
- The VSU Laboratory High School (VSU-LHS) students won the 1<sup>st</sup> prize of the Daygon Contest during the 1<sup>st</sup> Daygon Contest Inter-School Competition on December 14, 2008 which was organized by the DepEd Baybay City Divisions Office.
- Some students of Alangalang campus also received the following awards:
  - ⇒ Endeavor Award Marianita C. Agab, Joan A. Ayo, Christian B. Baldespinosa, Anthony T. Briso, Cristina B. De La Cruz, Ginalyn W. Oria, Juliet S. Perante, Wencesa S. Perante, Rosemarie O. Raganit, and Gina B. Samson
  - ➡ Outstanding Student Teachers Christian B. Baldespinosa, Arleen B. Enfermo, Franklin R. Morcella, Marry Ann S. Pontigon, Roxanne M. Saballe, Nenerliza A. Torrefranca, and Dolreich P. Pocong
- Awards earned by students in the different competitions in international, national, regional, provincial, and institutional/local levels are reflected in Table 3.



"Pagkakaisa ng mga kulay" Unity of Colors - the winning photography of Hadrian M. Aguilar.

Table 3. Awards received by students for SY 2008-2009.

NAME OF AWARD	RECIPIENT	AGENCY	DATE
INTERNATIONAL LEVEL			
Japan Student Services Organization Scholarship	Jihan Santanina J. Santiago	JASSO	Oct. 2008 – Sept. 2009
NATIONAL LEVEL			
Grand Prize Winner (Photography Category)	Hadrian M. Aguilar	ArtPetron	Aug. 27, 2008
National Contestant – National Statistics Quiz Show (National Level)	Ruel Ryan A. Rosal	National Statistics Quiz (National)	Dec. 4, 2008
4 <sup>th</sup> place – National Philippine Army ROTC Speech Contest	Michelle P. Baliguat	Philippine Army (National)	Dec. 6, 2008
Finalist – 10 Outstanding Jose Rizal Model Students of the Philippines	Marjhun A. Ricarte	Knights of Rizal	Dec. 12, 2008
REGIONAL LEVEL			
1 <sup>st</sup> place – Customer Relations Case Study Contest	Naome R. Luib	Dept of Tourism - Region 8	Oct. 27, 2008
1st place – Hotel Sales Blitz Contest	Eden Vanie L. Elegio	Dept of Tourism - Region 8	Oct. 27, 2008
1st Runner Up – Ms. COHTESCU	Ma. Kristin D. Ortega	Dept of Tourism - Region 8	Oct. 27, 2008
1 <sup>st</sup> place – National Statistics Quiz Show (Regional Level)	Ruel Ryan A. Rosal	National Statistics Quiz (Regional)	Nov. 13, 2008
2 <sup>nd</sup> place – National Statistics Quiz Show (Regional Level)	Vernabelle L. Balmori	National Statistics Quiz (Regional)	Nov. 13, 2008
1 <sup>st</sup> place – 9 <sup>th</sup> Regional Philippine Army ROTC Speech Contest	Michelle Baliguat	Philippine Army 8 <sup>th</sup> Regional Community Defense Group	Nov. 15, 2008
<sup>st</sup> place – Life Science (Team Category)	Dece Christine Fulache Kathleen Rabe	Regional INTEL Science Fair	Nov. 15-16, 2008
<sup>2nd</sup> place – Life Science Team Category)	Ray Hamodi Ngalot Jessica Cordero Grace Salve	Regional INTEL Science Fair	Nov. 15-16, 2008
<sup>2nd</sup> place – Physical Science Individual Category)	Bethel John Sinon	Regional INTEL Science Fair	Nov. 15-16, 2008

NAME OF AWARD	RECIPIENT	AGENCY	DATE
2 <sup>nd</sup> place – Physical Science (Team Category)	Michelle Loreto Ryan Ramada Glorybeth Castillo	Regional INTEL Science Fair	Nov. 15-16, 2008
PROVINCIAL			
1st place – National Statistics Quiz Show (Provincial Level)	Vernabelle L. Balmori	National Statistics Quiz	Oct. 17, 2008
3 <sup>rd</sup> place – National Statistics Quiz Show (Provincial Level)	Ruel Ryan A. Rosal	National Statistics Quiz	Oct. 17, 2008
INSTITUTIONAL/LOCAL			
Leadership Award	Mary Antonette H. Abello	USSO-LSU	Feb. 21, 2008
Outstanding Undergraduate Thesis Award (VSU-Tolosa Campus)	Arnel T. Mendoza	VSU-Tolosa Campus	March 28, 2008
l <sup>±</sup> place – Physical Science Category	Carlota G. Nuñez	Phi Delta, the Honor Society of Science	April 4, 2008
1st place – Applied Life Sciences Category	Asia Virlin B. Flandez	Phi Delta, the Honor Society of Science	April 4, 2008
1 <sup>st</sup> place – Pure Life Sciences Category	Val Anthony M. Borines	Phi Delta, the Honor Society of Science	April 4, 2008
1st place – Instrumental Solo (LITMUS Competition)	Rachel T. Amestoso	Baybay City	Sept. 11, 2008
1 <sup>st</sup> place – Vocal Solo (LITMUS Competition)	Christy Daclitan	Baybay City	Sept. 11, 2008
1 <sup>st</sup> place- Declamation Contest (LITMUS Competition)	Ea Kristine Clarisse B. Tulin	Baybay City	Sept. 11, 2008
3 <sup>rd</sup> place – Folk Dance (LITMUS Competition)	VSU-LHS students	Baybay City	Sept. 11, 2008
1 <sup>st</sup> place – Physical Science (Individual Category)	Bethel John Sinon	VSU-LHS	Sept. 29-30, 2008
<sup>2nd</sup> place – Physical Science (Individual Category)	Brent Niko Dargantes	VSU-LHS	Sept. 29-30, 2008
1 <sup>st</sup> place – Physical Science (Group Category)	Gedione Tan Richard Vergis Brent Jackson Bello	VSU-LHS	Sept. 29-30, 2008
2 <sup>nd</sup> place – Physical Science (Group Category)	Regine Yan Mark Ratilla Chenney Paz	VSU-LHS	Sept. 29-30, 2008

NAME OF AWARD	RECIPIENT	AGENCY	DATE
3 <sup>rd</sup> place – Physical Science (Group Category)	Ryan Ramada Glorybeth Castillo Michelle Loreto	VSU-LHS	Sept. 29-30, 2008
1 <sup>st</sup> place – Life Science (Individual Category)	Ted Dominique Belonias	VSU-LHS	Sept. 29-30, 2008
2 <sup>nd</sup> place – Life Science (Individual Category)	Anacleto Almendra	VSU-LHS	Sept. 29-30, 2008
1 <sup>st</sup> place – Life Science (Group Category)	Ray Hamnodi Ngalot Jessica Cordero Grace Salve	VSU-LHS	Sept. 29-30, 2008
2 <sup>nd</sup> place – Life Science (Group Category)	Dece Christine Fulache Kathleen Rabe	VSU-LHS	Sept. 29-30, 2008
3 <sup>rd</sup> place – Life Science (Group Category)	Kimberly Ross Piamonte Kyle Orlaine Piano Hydee Patrice Tan	VSU-LHS	Sept. 29-30, 2008
2 <sup>nd</sup> place – Editorial Writing (English); 3 <sup>rd</sup> place – Copy Reading & Headline Writing (English); 4 <sup>th</sup> place - Newswriting	Ea Kristine Clarisse B. Tulin	Division Secondary Schools Press Conference	Oct. 27-29, 2008
3 <sup>rd</sup> place – Sports Writing (English); 6 <sup>th</sup> place - Copy Reading & Headline Writing (English); 6 <sup>th</sup> place – Feature Writing (English)	Maxine Ann Taveros	Division Secondary Schools Press Conference	Oct. 27-29, 2008
Best Broadcaster (Radio Broadcasting)	Lemuel Monterola	Division Secondary Schools Press Conference	Oct. 27-29, 2008
2 <sup>nd</sup> place – Copy Reading & Headline Writing (Filipino); 3 <sup>rd</sup> place – Editorial Writing (Filipino); 3 <sup>rd</sup> place – Feature Writing (Filipino)	Jehu Saliente	Division Secondary Schools Press Conference	Oct. 27-29, 2008
3 <sup>rd</sup> place – Editorial Cartooning	Bethel John Sinon	Division Secondary Schools Press Conference	Oct. 27-29, 2008
2 <sup>nd</sup> place – Be Honest Oratorical Contest	Brent Niko B. Dargantes	BSBP Baybay Chapter	Nov. 19, 2008

# STUDENT WELFARE AND DEVELOPMENT

# Scholarships and Financial Assistance

*VSU Main Campus* – 36 graduate students enjoyed scholarships/grants/assistantships from PCARRD – 13, CHED-HEDP-FDP – 12, VSU Staff Development – 2, SPREAD – 2, and VSU Graduate Teaching Assistant – 7.

A total of 1,585 undergraduate students during the 1st semester of SY 2008-2009 enjoyed scholarships/grants: 420 - VSU scholarships, 245 - VSU grants-in-aid and 920 - scholarships funded by other agencies (Cong. Cari - 68, DOST-SEI - 61, Pagkaon - 45, CSSGPCD -20, City Government of Ormoc – 9, An Waray Partylist - 9, Municipality of Baybay - 5, VSU Alumni Association – 5, ViSCCO – 5, 3 each from PPRI and PARRFI, 2 each from Bernardo Scholarship, CHED-NSP, CHED-RSP, Maroons Group of Friends, PCAFD, UCPB-CIIF, and San Isidro Labrador, and 1 each from East-West Company, Manuel-Cresencia Loreto Clan, Panasonic, PDMASP, Pura Farm, VGAA. WSSP).

One hundred fifteen (115) students of the VSU Laboratory High School enjoyed VSU scholarships: Full – 6, Partial – 80, and Honorific – 29.

Some students of the external campuses also enjoyed scholarships and grants from different sponsors/donors: *VSU-Isabel Campus* – 47 scholarships/grants from Sangguniang Bayan/Sangguniang Kabataan: 29, An Waray Party-List: 9, Honorific: 4, Gen. Jun Medina Foundation, Inc.:4, and VSU-IC Alumni Association: 1; and *VSU-Villaba Campus* – 14 grants as Band members of the College.

#### Guidance

The *Guidance Section* of the University Student Services Office (USSO) conducted/coordinated

the following activities: Job Seeking Seminar to VSU graduating students with the Collegebased Guidance Facilitators as organizers; linkage with the placement agencies for possible employment of graduates; and a Career Fair for the VSU freshmen and fourth year high school students within the town of Baybay and neighboring municipalities wherein the different colleges and departments of VSU put up displays of their curricular programs offered and opportunities of the graduates. Facilitators were readied to answer queries from parents and high school students. A scholarship forum was also conducted for the high school students regarding the scholarships available at VSU and the grants offered by the Department of Science and Technology (DOST), Region 8.

#### Student Housing

VSU's 23 dormitories and cottages for undergraduate and graduate students accommodated 1,704 students during the 1<sup>st</sup> semester of SY 2008-2009 and 1,547 students during the 2<sup>nd</sup> semester of SY 2008-2009. Visitors attending trainings/youth conferences held at VSU were also accommodated in the different dormitories during semestral and summer breaks.

Year-round major and minor repairs and maintenance work were carried out for the different dormitories which included replacement of doors, window screen; fabrication of doors, steel/wooden bunk beds, study/dining tables, clothes lockers, cabinets, drawers, bookshelves, wooden benches, concrete posts for fencing, column post, steel trusses for kitchen/clothes' dryer; installation of window screen, tiles, clothes dryer, backdoor, window grills, water pipe lines, sanitary pipe lines, concrete posts, roofing; extension of roofing and gutter; construction of concrete stairs, railings, room partition; and repairs and replacement of dormitory facilities.

# Student Organizations and Activities

- The following student organizations received awards during the 2008 VSU Honors and Awards Convocation on February 21, 2008:
  - - o 1<sup>st</sup> place Advanced Geodetic Engineering Society (AGES)
    - o 2<sup>nd</sup> place Development Communicators' Society (DECSO)
    - o 3<sup>rd</sup> place Home Economists Society (HES)
  - ⇒ Service Organization of the Year Award
    - o Ist place Terrestrial & Aquatic Restoration by Students Immersed in Environmental Reforms (TARSIER)
    - o 2<sup>nd</sup> place Venerable Knight Veterinarian Sorority (VKV/VLV)
- The University Interdorm Student Body (UISB), in cooperation with the University Student Services Office (USSO), initiated the first UISB Talent Showdown held on August 6, 2008 which was participated in by dormitory occupants and their respective advisers and assistant advisers. Presentations included songs, dances and comical skits.

- The University Supreme Student Council (USSC) sponsored a Mellow Rockathon on August 10, 2008, which was participated in by 20 VSU homegrown bands and other local talents, as a treat for the students on the occasion of the 84th VSU Anniversary.
- The Catholic Youth United for Truth (CYUT) organized an *Inter-Faith Night* with the theme "Unity in Diversity" on August 7, 2008 which showcased talents from different religious organizations of the university.
- The BEED-BSED Mentor's Guild received the following awards in the student organization category during the 2008 VSU anniversary celebration: Best Booth, Most Symbolic Booth, and Most Artistic Booth.
- The Mighty CE Tigers garnered the following awards during the 2008 University Intramural Games: Song Festival Champion, Dance Festival Champion, and Overall Champion.
- The different student organizations of the VSU System conducted varied activities such as election and induction of officers, tutorials, attending seminars, going on field trips, sponsoring quiz contests, and plant and animal shows, participating in outreach programs and co-sponsoring the VSU Flower and Garden Show/Rodeo/seminar and other department activities. Other organizational activities included talent showdown, film showing, assisted in lot survey, campus-clean-up, poster making and logo contests, anti-rabies information drive, and social activities. (Table 4).





Vet Med students during their field practice (left); VSU Nursing students in one of their duties in the hospital (right).

 Table 4.
 Activities of the different student organizations, SY 2008-2009.

ORGANIZATION	ACTIVITIES UNDERTAKEN	AWARD RECEIVED
Advanced Geodetic Engineering Society (AGES)	Outreach program on Numeracy and Literacy; general assembly; alay linis; Sportsfest; AGES Week with the following activities –Conducted Physical Health Exercises, Talent Showdown, Film Showing, and Seminar on Good Study Habits & Time Management; assisted the university in the Freshmen Orientation; held acquaintance party and induction of officers; assisted in the lot survey; and sponsored a tribute to the graduates	1st place – Outstanding Course-Related Organization of the Year Award
Development Communication Students Society (DECSO)	Officers' meeting/general assembly; orientation program; alay linis; acquaintance party; assisted in screening Dev Com applicants; participated in the VSU anniversary activities – construction of booth-cum sari-sari store, photo/video documentation, radio coverage and in the conduct of Pinaka Agri-products Contest, film showing, face painting, click and print, MDG Exhibit; Global Citizen Workshop; served as announcers during the VSU Intramural Games; conducted survey and cleaning in Brgy. Lapawon, Baybay, Leyte; production of video MTVs entitled "Ambacan: the River and Its People" and the photo-essay about the Ambacan River system entitled "People and River"; participated in the parade and Seminar-Workshop in celebration of the AIDS Awareness Day; did Info Drive on HIV/AIDS; production of Jjampong comical skit; documentation and moderator on World Aids Awareness Symposium; Christmas Party; video production/promotional video/poster designing for Singing Idol; assisted in distributing snacks during Christmas Tree lighting and unveiling of VSU Belen	2 <sup>nd</sup> place - Outstanding Course-Related Organization of the Year Award
Home Economics Society (HES) and HRTM	General Assembly; Acquaintance Party; Band Showdown and Open Disco; parade; academic contests; Search for Mr. & Ms. Tourism; sponsored a seminar on Tourism Opportunities and Challenges; Talent Showdown; alay linis; conducted the following activities during VSU anniversary – booth making, food service, ushering, facilitated Food Caravan; table setting and physical arrangement; Post Halloween Party; team building of officers and DFCS staff; skirting/ acted as ushers/usherettes during the VSU Singing Idol	3 <sup>rd</sup> place - Outstanding Course-Related Organization of the Year Award

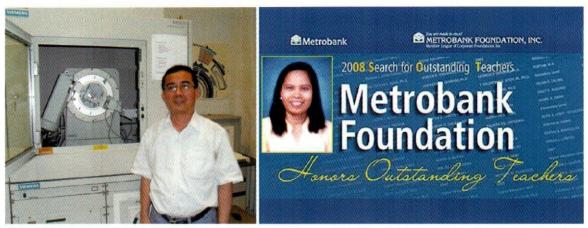
ORGANIZATION	ACTIVITIES UNDERTAKEN	AWARD RECEIVED
Terrestrial & Aquatic Restoration by Students Immersed into Environmental Reforms (TARSIER)	Assisted in the campaign on Solid Waste Management; facilitated the Freshmen orientation; orientation seminar; screening of new members; conducted team building seminar, and environmental educators/ facilitators' training; assisted the Evaluators of Dark Green School; donated native and fruit tree seedling to Villahermosa, Camotes, Cebu and extended rainforestation activity; amended and ratified TARSIER's Constitution & By-Laws; attended seminar on Environmental Principles; coastal clean-up; general assembly meeting; facilitated CWTS	1st place - Outstanding Service Organization of the Year Award
University Supreme Student Council (USSC)	Sponsored the Battle of Brains, Students' Night & Mellowrackathon, Singing Idol; induction party & welcome program; general assembly/ council/board meetings; financial assistance – "Gift ko sa Pasko"	
College of Agriculture – Supreme Student Council	Council/general assembly/legislative meetings; Kick off gathering, Awarding and Bequethal; quiz show; night of visioning and planning; dance rehearsals; victory party; evaluation	
College of Arts & Sciences – Supreme Student Council	General assembly; DOST-JLAP briefing & review class; dance practice; titans' take off	
College of Education – Supreme Student Council/Students Election Board	Meeting de Avanci, officers/general assembly meetings; quiz show; team building and planning; kick off gathering; dance practice	
College of Engineering & Agri-Industries – Supreme Student Council	General assembly/council meetings; meeting de avanci; plebiscite; quiz show; opening program & parade; logo design & poster-making contest; film showing; raffle draw; sports fest; litmus & dance palabas screening; practice of dance festival; kick off gathering	
College of Forestry & Natural Resources – Supreme Student Council	General assembly/board meetings; alay linis; election of SSC officers; leadership seminar-workshop; acquaintance/Christmas parties; celebrated Forestry Week	
College of Veterinary Medicine – Supreme Student Council	Officers'/general assembly meeting; celebrated CVM Week; assisted in the Freshmen Orientation and the Career Fair 2008; pinning ceremony; anti-rabies vaccination	
University Inter- Dormitory Student Body	Sponsored/initiated the UISB Week – Opening Program, Literary Musical Contest, Sportsfest; talent showdown; alay linis; quiz show; officers'/ executive board meetings; dormitory open house & Christmas Party	

ORGANIZATION	ACTIVITIES UNDERTAKEN	AWARD RECEIVED
Visca Chemical Society (ViChemSo)	Served as MC during the VSU-FA induction of officers; tutorial; alay linis; general assembly; orientation; Demo on Chemical Reactions to the pupils of Bethel International Foundation; assisted in the Job Seeking Seminar; co-sponsored the Seminar on Transgenic Papaya Tech; anti-littering campaign; put up ChemSoc Corner; Acquaintance/Christmas Party; attended Seminar on Study Opportunities for Chem Majors in USA; sportsfest	
Alliance of Freshmen Agriculture Students	Acquaintance party; general assembly/ emergency/ officers' meeting; alay linis; election of officers; teambuilding; tutorials	
Society of Animal Science Students (SASS)	General assembly; alay linis; Acquaintance Party; co-sponsored the 2008 Rodeo Competition	
Student Union of Agronomy and Soil Science Majors (SUASM)	General assembly; acquaintance party; Pre-Valentine/ Birthday Party; Christmas Party	
Young Economist Society (YES)	Fund raising through selling of Valentine items; assisted in the hall preparation during the concert; assisted in the Farmers' Field Day; documentation during VFA Sportsfest; general assembly; alay linis	
ViSCA Horticultural Society (ViHOS)	Co-sponsored the 2008 Flower and Garden Show and the seminar series on "Transgenic Papaya Technology: From Research to Commercialization; celebrated ViHOS Week with the following activities: opening program, tree planting, badminton tournament, dish garden competition, fund raising "Love Thru Flowers", quiz show, culmination program; alay linis; general assembly; acquaintance party; Bayanihan sa COMEG; booth construction; participated in the seminar on Transgenic Papaya	
Asso. of Plant Breeding Majors (APBM)	Selling of food items; booth guarding during VSU anniversary; acquaintance party; alay linis	
Plant Protection majors Association (PPMA)	General assembly; celebrated PPMA Week with the following activities: opening program, Quiz of the Day, mass production of Metarrhizium anisopliae, tutorial sessions, film showing, closing program; welcome party for new majors; alay linis; selling of products; participated in the anniversary parade; Christmas party	
VSU Nightingale Society (VSUNS)	Plebiscite on the VSUNS' Constitution & By-Laws; general assembly; acquaintance party; alay linis; Christmas Party	

ORGANIZATION	ACTIVITIES UNDERTAKEN	AWARD RECEIVED
Bioteks	General Assembly; induction of officers; marriage booth and handcuff dating; co-sponsor seminar on Transgenic Papaya Technology; Christmas Party; alay linis; co-sponsored the seminars on "Poverty Situation in Eastern Visayas" and "Update on the Progress of Millennium Development Goals in Eastern Visayas"; tutorials on Math, Physics, and Statistics; did a tribute to graduates of BSS and BSEd-Math; participated in the DMPS and CAS week with the following activities: Quiz on Math, Physics, and Statistics	
VSU Statistical Society	Orientation of freshmen; general meeting; election of officers; acquaintance party; alay linis; Christmas Party	
Organization of Biology Students (OBioS)	Acquaintance Party; general assembly and election of officers; celebrated the OBIOS Week – parade and opening program, film showing, quiz show, plant and animal show, search for Mr. & Ms. OBIOS, awarding and closing program; general meeting; Christmas Party	
Mentors' Guild	General Assembly; acquaintance party; election of officers; alay linis; booth making; Education Week; Battle of the Brains; film showing; year level officers' meeting; Poster-Making Contest; Belen Making	
VSU Agricultural Extension Society (VAESo)	General assembly; assisted in the Freshmen Orientation; acquaintance party and induction of officers; alay linis; booth construction; selling of goods; livelihood caravan; distributed bundles of joy in Brgy Guadalupe; Christmas Party	
Physical Education and Health Majors (PEHM)	General assembly; officiated the UISB sportsfest, Larong Pinoy during the VSU Anniversary, VFES sports competition, and the University Intramurals; invocation and intermission during the Mentors' acquaintance party, University Convocation, Freshmen Welcome Party, and Goodwill Games	
Philippine Society of Agricultural Engineering (PSAE)	General assembly, alay linis, celebrated the PSAE Week with the following activities: opening program, enhancement of PSAE office, team building, film showing, closing program; orientation and Acquaintance party; booth making, selling of goods; Christmas party	
Computer Science Students' Society CS <sup>3</sup> )	Election of officers; general assembly; orientation and acquaintance party; selling of foot maps; participated in the CEAI Day celebration; film showing; quiz show; alay linis; assisted in the scoring during Intramural Games; helped in transferring computer units to new ICT building; search for Mr. & Ms CSSS & Raffle Draw; Christmas Decoration Contest; Christmas Party	

ORGANIZATION	ACTIVITIES UNDERTAKEN	AWARD RECEIVED		
Society of Agribusiness Students (SABS)	SABS' Night Café; opening Program of the Valentine's Express; SAVALEX/SANICA; did a tribute party to the graduates; general assembly; freshmen orientation; acquaintance party and induction of officers; alay linis; booth construction; SABS Grill & Kitchenette; seminar of graduating students; tutorials; Christmas party; distributed "bundles of joy" in Brgy. Maganhan			
Phil. Association of Food Technologist- Kappa Student Chapter (PAFT-KSC)	Freshmen orientation; seminar on How to Study Effectively; general assembly and election of officers; acquaintance party and induction of officers; alay linis; assisted in the selling of tickets for the concert; Leadership Seminar and Team Building; Plant Operation Management Seminar; selling of DFST products during VSU anniversary, both guarding; assisted in the Livelihood Caravan; attended the Annual PAFT National Convention; tutorials; Food Tech Week – opening program, quiz show, film showing, logo-making contest, larong pinoy, closing program; Christmas Party; facilitated the Baybay Agro-Industrial Fair			
High School SBO	Valentine's Program, JS Prom; graduation Rehearsals, Parents' Seniors' Night; Acquaintance Program; booth construction; film showing			
INTEREST GROUPS				
Banaag Visual Arts Group	Stage decoration during Freshmen Orientation, Leadership Orientation, VSU Intrams, VSU Night, VSU Singing Idol, Jjampong, & UISB Christmas Party; art workshop; and t-shirt printing			
Association of Rodeo Enthusiasts in ViSCA (AREV)	Participated in the 1st Sen. Juan F. Zubiri Cup National Rodeo held at Mandaue City, Cebu and also in the Masbate National Rodeo held at Masbate City; co-sponsored the 2008 Rodeo Competition during the VSU Anniversary	Mandaue City: 1st Runner Up - Team Roping, (Professional Category); Masbate City: 1st place (4-men Carambola, School Category; 2nd Runner Up (Women, School Category)		
Youth Konek-VSU Chapter	Parade during the International AIDS Week; sponsored a Symposium on AIDS			
Department of Science & Technology Scholars Society	General assembly meetings; JLAP orientation program; acquaintance party; alay linis; tutorials			

ORGANIZATION	ACTIVITIES UNDERTAKEN	AWARD RECEIVED		
VSU-Alangalang Campus	Attended leadership training, campus student writers/journalistic competition, drug education, employment counseling forum; held a general orientation program; acquaintance party and induction of officers; participated in the lantern/choral/dance contest and Christmas Party; clean and green; participated in the different activities of the college intramurals; Math & Science & Physics Olympiad; Buwan ng Wika at Pistang Filipino; participated in the job fair, VSU Main Campus anniversary and founding anniversary of VSU-AC.			
VSU-Isabel Campus	Attended the interactive forum on cooperativism and globalization; sponsored seminars on "Personality Development", "Innovative Method of Teaching", "Test Construction" and "Professional Code of Ethics"; participated in academic convocation, honors and awards convocation, commencement exercises, College Intramurals; educational tour; tree planting			
VSU-Tolosa Campus	Participated in the orientation program; conducted election, induction of officers and acquaintance party; remedial classes in Math; constructed the Student Park; participated in the Kaugmaran Festival during the VSU Anniversary Celebration; sponsored the intramurals, mindbending game contest, re-purchasing of slogan contest; attended Student Leadership Conference; cleaning and beautification; community service in the barangay			
VSU-Villaba Campus	Orientation of all students, induction of officers and acquaintance program; celebrated Nutrition Month, Cancer Consciousness Month, Buwan ng Wikang Pambansa and Education Week; Christmas Party;			



Dr. Victor B. Asio at the University of Halle Wittenburg, Germany as a research fellow (left); Dr. Ma. Juliet C. Ceniza, semi-finalist of the 2008 Metrobank Foundation Search for Outstanding Teacher (right).

### **FACULTY**

#### Awards/Achievements

- Dr. Marilyn M. Belarmino, a Professor of the Department of Horticulture, was awarded the *JASSO Follow-up Research Fellowship* by the Japan Student Service Organization (JASSO) given to former Japanese government scholars in recognition of exemplary research accomplishments.
- Dr. Victor B. Asio, a Professor of the Department of Agronomy and Soil Science (DASS), received the *Humboldt Research* Fellowship and he is the 18<sup>th</sup> Philippinebased Filipino scientist awarded with the fellowship since 1950.
- Dr. Edgardo E. Tulin, a Professor and researcher of the Philippine Root Crop Research and Training Center, was awarded the Norman Borlaug Fellowship by the United States Department of Agriculture (USDA), Washington, D. C.
- Dr. Maria Julie C. Ceniza, a Professor of the Department of Pest Management and Director of Institute of Tropical Ecology (ITE), was a semi-finalist of the

2008 Metrobank Foundation Search for Outstanding Teacher.

#### Scholarships

Thirty (30) faculty members of the VSU Main Campus pursued advanced studies in different fields of specialization (24 for PhD and 6 for MS) with scholarship grants from Fulbright Scholarship, Iowa University, Monbusho, Erasmus Mundus, National Taiwan University, Asian Institute of Technology, Deutsche, Nitrof Project, VSU-CA Center of Excellence, CHED-COE, CHED, DOST, PCARRD, PCARRD-VSU, VSU Graduate Assistantship, and VSU Fellowship.

Some faculty members of external campuses also pursued advanced studies: *VSU-Isabel Campus* – one faculty pursued Master of Engineering, with major in Civil Engineering with scholarship grant from CHED; *VSU-Tolosa Campus* – one faculty pursued advanced studies for MS in Fisheries with scholarship grant from the Philippine Council for Aquatic & Marine Research and Development (PCAMRD).

#### **Faculty Strength**

A total of 268 faculty members (93 PhD, 104 MS/MA and 71 BS) carried out the instruction, research, extension, and production activities of the VSU Main Campus. Forty-two (42) were detailed in research centers (23 PhD, 15 MS/MA and 4 BS). On the other hand, one hundred two (102) faculty members of the external campuses supported their various programs: 25 in Alangalang Campus (5 PhD, 7 MS/MA, 13 BS); 32 in Isabel Campus (1 PhD, 7 MS/MA, 24 BS); 22 in Tolosa Campus (2 PhD, 12 MS/MA, 8 BS); and 23 in Villaba Campus (3 PhD, 13 MS, 7 BS).

#### Seminars/Workshops/ Trainings Attended

A total of 973 academic staff of the VSU System attended 555 trainings/seminars/conferences/workshops during the year, which included 37 international, 141 national, 130 regional, and 247 local trainings (Table 5).

#### **Publications**

Thirty-three (3) faculty members and researchers of the VSU System authored/co-authored publications which were published in national and international journals.

## LIBRARY SERVICES

#### **Acquisitions**

The University Library continued to acquire additional learning materials and references. Through purchase, donation or exchange, it acquired 1,016 books, 134 serials (bound journals), 15 CD-ROMS, 1 set (12 volumes) DVD (Calculus), and 305 theses and dissertation/case studies/special problems. The total number of acquired volumes reached 63,845 at the end of 2008.

Libraries of external campuses also acquired books through donations and purchases during the year: VSU-Isabel Campus – 71 copies of various books and one set (26 volumes) of Britannica 2008 edition as well as dictionary, learning library and 2 CD-ROMs of Children's Encyclopedia.

## **ALUMNI**

"Halad (Offering), a university philosophy of public service" was launched during the Grand Alumni Homecoming.

#### **Alumni Achievements**

- The following alumni received awards and cash incentives during the 55<sup>th</sup> Commencement Exercises of VSU on April 4, 2008:
  - ⇒ Cherrie D. Atilano, 2007 BS in Agriculture (magna cum laude) graduate of VSU, received the Congresswoman Carmen L. Cari Award of Excellence for having been awarded one of the Ten Outstanding Students of the Philippines.
- VSU graduates who won awards during the 39<sup>th</sup> Anniversary and Annual Scientific Conference of the Pest Management Council of the Philippines Inc., (PMCP) held in Puerto Princesa City, Palawan on May 6-9, 2008 are as follows:

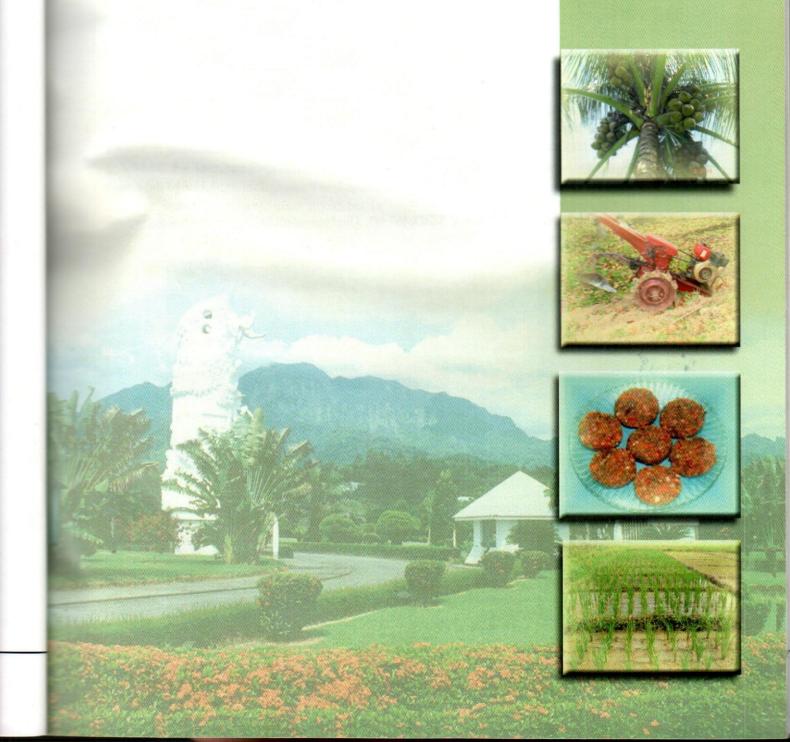
 Table 5.
 Trainings/seminars/workshop attended by faculty.

DEPARTMENT/COLLEGE/	INTERNATIONAL		NATIONAL		REGIONAL		LOCAL	
CENTER/INSTITUTE	No. of Training	No. of Participants	No. of Training	No. of Participants	No. of Training	No. of Participants	No. of Training	No. of Participan
College of Agriculture								
DAS	2	2	4	4	2	2	7	20
DASS			3	4	3	5	4	4
DDC	6	6	4	4	4	4	8	10
DOE	1	1	5	6			1	1
DOH		17.	2	4	5	9	8	15
DPBG			1	1	2	2		
DPM		_	19				3	3
	4	4		23	9	18	13	28
ISRDS	3	3	2	2	15	28	7	14
College of Arts and Sciences								
DBS	2	2	5	10	2	2	12	30
DLABS			2	5	1	1	1	1
DoPAC	2	2	3	4	4	5	19	61
DMPS	1	1	5	6			4	4
College of Education								
DSE			5	6	2	3	13	31
DCDE			1		_			
DFCS			3	2	17	8	17	13
VSULHS								10
IHK			6	6	3	3	11	11
NSTP			O	· ·	3	3	- 11	
	du stri a a							
College of Engineering & Agri-In	ausmes				•			
DAE			2	2	2	4	2	2
DBM	2	2	12	17	3	3	4	4
DCST			3	3	2	3	2	2
DFST		5 7	1	1	3	3	16	24
College of Forestry								
DAF	4	4	6	6	-	-	5	7
DFWMC		-	1	1	3	3	2	2
ITE			6	10	2	3	16	22
College of Vet. Medicine	1	1	5	9	8	15	11	24
Department of Nursing			1	1	2	4	2	13
Dept. of Civil Engineering	1	1	3	3	2	2	3	3
Graduate School	4	4	2	2		2	2	2
SUB-TOTAL	33	33	111	142	96	130	193	351
Research Centers								
NARC	3	4	8	9	1	7	3	27
NCRC-V	-	-	1	1	1	1	7	13
PhilRootcrops	- 1				-		-	-
FARMI				_				
Satellite Campus								
Alangalang Campus			11	16	11	16	18	26
Isabel Campus	1	1	1	1	2	3	10	40
Tolosa Campus		<u>.</u>	5	15	12	37	8	32
Villaba Campus			4	5	7	12		
							8	51
SUB-TOTAL	4	5	30	47	34	76	54	189
GRAND TOTAL	37	38	141	189	130	206	247	540

- ⇒ Ivy M. Modina, 2007 BS in Agriculture-Plant Protection (cum laude), won the Best Undergraduate Thesis in Plant Pathology for her thesis "Antimicrobial Property of Chitosan and Induction of Systemic Acquired Resistance for the Control of Rice Bacterial Blight Caused by Xanthomonas oryzae (Swings, et al.)".
- ⇒ Ferlyn A. Villarin, 2008 BS in Agriculture-Plant Protection, won the Best Undergraduate Thesis in Weed Science for her study on "Factors Affecting Herbicidal Efficacy of Chromolaena odorata (I.) R. M. King and Robinson".
- ⇒ Gina Maramara-Babb, 1991 BS in Agriculture-Plant Protection (cum laude) and is currently working at PhilRice, won the Best Paper Award in Plant Pathology.
- ⇒ Rolly G. Fuentes, 2002 BS Chemistry (magna cum laude) who now teaches at UP College Tacloban won the Best Paper Award in Weed Science.
- Dr. Hayde Flandez-Galvez, 1990 BS in Agriculture-Plant Breeding (magna cum laude), presently connected with the

- Institute of Plant Breeding of UPLB and **Dr. Constancio A. Asis, Jr.**, 1990 BS in Agriculture-Soil Science (*cum laude*), Supervising Science Research Specialist of PhilRice, were among the **Ten Outstanding Young Scientists (TOYS)** awarded by the National Academy of Science and Technology (NAST) during the NAST's 30<sup>th</sup> Scientific Meeting in Manila Hotel on July 10, 2008.
- Eva Daphne Radam, 2008 BS in Agriculture-Soil Science, won 3<sup>rd</sup> place Best Oral Paper (Junior Category) during the 11<sup>th</sup> Annual Meeting and Scientific Conference of the Philippine Society of Soil Science and Technology, Inc. (PSSST) held in Panglao Island, Dayo Hills, Dauis, Bohol on May 29-30, 2008.
- Anthony P. Lambert, 2002 BS in Agribusiness Major in Business Management (cum laude) graduate of VSU and is presently working as Professional Healthcare Representative (PHR) of Pfizer, Inc., was awarded as "Professional Healthcare Representative of the Year", also known as "Man of the Year Award", by Pfizer Philippines during its Annual Pfizer Awards Night held at EDSA Shangri-La, Manila on January 10, 2008.

# RESEARCH & DEVELOPMENT



socioeconomics -7, rootcrops -22, and fruits and vegetables -3. During the review, a number of technologies and information generated were identified for adoption, verification, piloting and dissemination, while 31 were recommended for competition during the Regional Symposium.

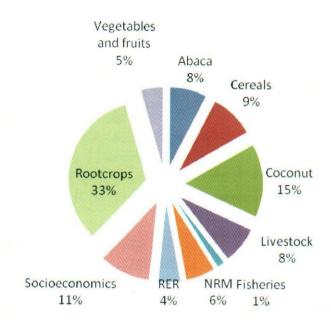


Figure 4. Projects/ studies reviewed during the 2008 In-House Review

The total RD & E budget for 2008 was P 3,702,467.00. The biggest slice for the said budget went to the administrative overhead cost (Table 6).

vsu RDE Budget for 2008 (Php).		
ITEMS	AMOUNT	
Administration (Overhead Cost)	1,907,467.00	
Centralized Funds	1,630,000.00	
Program (Direct Cost)	165,000.00	
Total	3,702,467.00	

FUND SOURCE	AMOUNT
/SU (GOP Direct Cost)	8,505,000.00
ational/Local	4,709,593.25
preign	5,144,979.96
TAL	18,359,573.21

## RESEARCH HIGHLIGHTS

## NSIC-Approved Makapuno Varieties

The following makapuno hybrids were registered with the National Seed Industry Council (NSIC) during the year: VMAC 1 - Coconiño x MAC (UPLB Tall Makapuno): dwarf type, 94-100% makapuno, precocious, self-pollinating and high-yielding, 8 makapuno nuts per bunch (average), meat thickness is about 18.48 mm, earliest flowering was observed at 26 months from planting, 150 nuts yield/year, and dehusked nut weighed 112-653 g; VMAC 2 - Malayn Red Dwarf x MAC (UPLB Makapuno): dwarf type x tall hybrid, 98-100% makapuno, precocious, self-pollinating and high yielding, 5 makapuno nuts per bunch (average), meat thickness is about 17.95 mm, earliest flowering was observed at 25 months from planting, 131 nuts/year, and dehusked nut weighed 292-1.205 g; VMAC 5 - Tacunan Dwarf x MAC: dwarf type x tall hybrid, 95% makapuno, 7 makapuno nuts per bunch (average), meat thickness is about 16.9 mm, flowering was observed at 36-48 months from planting, 119 nuts/year, and meat thickness is about 16.9 mm.

### Characterization of Cultivars/Hybrids

Characterization of Local and Introduced Coconut Cultivars/Hybrids. Among the newly-bearing coconut accessions being characterized, Salawad Tall (SWT), Baybay Tall (BAY), Oongotin Tall (OTN), and Buenavista Dwarf (BNV) produced the biggest nuts with an average of 21.46 cm and 19.42 cm; and 21.32 cm and 19.42 cm; 24.20 cm and 21.50 cm; and 20.90 cm and 19.24 cm polar and equatorial diameters, respectively. However, the local tall BAYT was observed to have the highest copra yield per nut of more than 300 g and the thickest meat of 11.63 mm. On the other hand, among the dwarf accessions, Buenavista Dwarf (BNV) had the highest copra yield per nut of about 256.6 g which is comparable to the copra yield of the



VMAC I

other tall accessions and the thickest meat of about 11.69 mm.

Oil content of fresh dried meat among the tall coconut accessions ranged from 50.18% to 67.99% with CIT having the highest oil content and AGT the lowest. However, among the dwarfs, PIL had the highest oil content of 68.17% and MRD had the lowest of 57.84%. These accessions could be a good source of virgin coconut oil production.

#### **Pest Management**

Varietal Screening of Different Rice varieties Against Insect Pests and Diseases. A total of 338 rice selections were screened in two seasons: 136 selection during the dry season for resistance to rice stem borer, blast, tungro, bacterial blight, and sheath blight diseases and 202 selections during the wet season. The results showed that during the dry season trial, only 30 selections were resistant to blast of which 4 were from NCT, 8 MAT, 8 special purpose, and 10 hybrids. Only four hybrids were resistant to bacterial leaf blight while the other selections showed intermediate and susceptible reactions. Moreover, two hybrids and one from special purpose selections were resistant to sheath blight. Based on dead heart and whiteheads count, the following selections were found resistant to stem borer: NCT-7, hybrids -10, special purpose – 2.

During the wet season trial screening against the same pests, the following were found resistant to blast: NCT – 5, hybrid -1, special purpose – 1, upland – 5, RLDS – 6, MAT-0. In the field screening against the tungro virus the following were resistant to the virus: MAT lines -1, hybrids -11, special purpose – 2, uplands – 4, and RLDS – 4. Based on whiteheads count at 10 days before harvest the following were found resistant: NST-23, hybrids-19, special purpose-17, MAT-25, Upland-10, and RLDS-8. However, no selections were found resistant to bacterial blight and sheath blight diseases.

Screening of Abaca Cultivars/Lines for Resistance to Bunchy-Top Disease. Among

the cultivars evaluated for reactions to the disease, only four accessions, namely: Javaque #2, Inosog, Lagusog, and Bisaya, did not show symptoms of the disease.

#### Mechanization of Production

Modification of Lowland Power Tiller for Coconut Land Cultivation. A power tiller with pivot was repaired and the upland cage wheel and a single bottom moldboard plow were fabricated. Testing was done but improvement is still ongoing.

Designs and Development of Weeder Blade for Power Grass Cutter. Different designs were fabricated and tested: regular and circular blade configurations. Different numbers of teeth in each configuration were fabricated and different kinds of materials were tested for the teeth of the blade. Moreover, testing and development are still going on.

# Development/ Commercialization of Products

Development and Commercialization of Makapuno-Based Food Products and By-Products. Makapuno-based longaniza and semisweetened makapuno puree were developed. The makapuno-pork longaniza was acceptable in terms of color, smell, flavor, and general acceptability when the amount of makapuno meat substituted to pork lean was only limited to 25% of the original formulation. Beyond this amount of makapuno, the flavor and the general acceptability of the product were significantly affected. Semi-sweetened makapuno puree was optimized in terms of its formulation considering the amount of process water (50%, 60% and 70%), sucrose concentration (15%, 20% and 25%), and acidulant/antioxidant mix (0.10%, 0.20% and 0.30%). The optimized combination of processing semi-sweetened makapuno puree is at 60% process water, 20% sucrose concentration and 0.20% acidulant/

antioxidant which gave a sensory acceptability (color, texture, consistency, taste, flavor, and general acceptability) of 6.3 or higher in the 9-point Hedonic scale.

### National Cooperative Testing for Vegetables

Testing for Vegetable Legumes. Seven entries of pole sitao (Vigna sesquipedalis) were evaluated for horticultural characteristics, yield, insect pest and disease resistance to wet and dry season croppings. The different entries generally showed better performance during the dry season as manifested by the greater number and heavier weight of marketable pods and total pod yield. Among the entries,

KU 8-1 and KU-2 were found to be high yielding under VSU conditions. In addition, the different entries were resistant to insect pests and diseases.

Testing for Solanaceous Crops. Among the six lines/varieties of tomato evaluated, Atlas F<sub>1</sub> hybrid produced the highest marketable fruit yield, followed by CLN-176-R-71 and the lowest was the check variety, NSIC Tm 9. Moreover, all varieties/lines were moderately resistant to bacterial wilt and fruit worms. In eggplant, results showed that A-300 (Mestiza) and Casino were resistant to bacterial wilt infection. However, the highest yielder was EG-2 (29.44 t ha<sup>-1</sup> and the lowest was the check variety A-300 (11.43 t ha<sup>-1</sup>).

## SIGNIFICANT RESULTS OF COMPLETED RESEARCHES

## Efficacy of Chemical Activators of Systemic Acquired Resistance (SAR) for the Control of Bacterial Blight and Blast Diseases of Rice

Salicylic Acid, Aspirin, Chitosan, Linoleic Acid, Gamma Amino-Butyric Acid (GABA), Beta Amino-Butyric Acid (BABA), Silicon Dioxide and Thiamine produced significantly shorter bacterial blight lesions compared to the untreated plants and were mostly comparable to Nordox, a fungicide/bactericide check and Boost, a commercial plant defense activator. The same chemicals also reduced rice blast severity, of which some were comparable to Dithane M-45, the fungicide check. Acetic acid, the solvent of Chitosan, also reduced blight and blast severity. The 50 ppm concentration used in majority of the chemicals tested was the optimum concentration to elicit resistance in plants compared to 100 ppm and 150 ppm concentrations. However, 150 ppm concentration for Chitosan and BABA produced the shortest blight lesions compared to 50 and 100 ppm.

For bacterial blight, spray application at 15 days interval was as good as 7 days while for blast, 20 days spray interval was as good as 10 days to reduce disease ratings. This means that 15 or 20 days spray intervals are good enough to protect



Chemicals used to reduce rice blast severity.

the plants against blight and blast diseases. The cheap and effective chemicals are Salicylic Acid, Aspirin, SiO<sub>2</sub>, and Acetic Acid. Chitosan and Boost are moderately expensive, GABA and BABA are expensive and Linoleic Acid is very expensive and not practical to use.

# Impact Assessment of LAMP-1 Leyte Using the Story Approach

The study generally aimed to capture the range of changes experienced and considered significant by the beneficiaries of LAMP-1 in Leyte, using a new monitoring and evaluation (M&E) approach known as the Most Significant Change (MSC) technique or the Study Approach.

A total of 64 stories of significant change were collected which represent seven (7) domains of broad categories of change such as: security of land tenure (27 stories), settlement of disputes (13 stories), improvement in land titling process (14 stories), economic-related changes/financial assurance (6 stories), improved human dignity (2 stories), increase in land tax collection (1 study), and lessons learned (1 study).

The kinds of changes values by the program implementers were the same kinds of changes values by the beneficiaries, which means that although there are still some areas in program implementation that need to be strengthened or improved, such as giving more information on what to do after receiving land titles, etc.), the program generally is moving towards the desired direction of helping improve the well-being of the beneficiaries.

Classification of the theme of changes, using Bennett's Hierarchy as guide, showed that almost all of the 64 stories were telling about changes that correspond to the higher levels of program outcomes (i.e., levels 5-7 of Bennett's Hierarchy) which suggests that LAMP-1 had already made some contributions to the improvement of the economic and social conditions of the beneficiaries.

Results of the study also showed that LAMP's land titling activities had resulted in a non-economic form of poverty alleviation. Specifically, the results showed that the acquisition of land titles assured the titleholders that their lands could not be taken by others, that they are the owners of the lands, and that there will be no more conflicts in the future. LAMP-1 contributed to the improvement of some people's sociopsychological well-being.

# Convergence of Psychosocial Factors Influencing Titleholders' Decisions Related to and Gender Roles in Land Use in Leyte, Philippines

The study sought to determine the roles played by male and the female members of the titleholders' household in relation to land use. It tried to find out if women have access to and control of the resources and benefits derived from land use and if the psychosocial variables are correlated with the respondents' socio-demographic characteristics, levels of communication and intensity of interactions.

Results showed that there was no disparity between the male and the female members of the household's decisions when it comes to using the land title for mortgage or as collateral for a loan. They also had almost the same roles played with regard to land use, like supervising the preparation of food for farm workers, planting of crops, weeding and harvesting of produce as well as paying of taxes and buying of farm implements, household appliances and transport vehicles. However, the female respondents seemed to relegate to their male partners the full access to and control of resources and benefits derived from the land.

Both male and female respondents preferred to just keep their land title and not use it for mortgage or as loan collateral. They claimed to have gained cash and non-cash benefits such as social, economic, cultural, educational, and political affiliations after they had acquired their land title through LAMP.

Socio-demographic attributes did not influence their attitude towards giving the wife or adult female's access to and control of resources and benefits derived from land use. Dyadic or interpersonal (face-to-face) level of communication and intensity of interaction between the male and the female respondents had influenced their attitude towards involving the adult female partners in decisions related to land use.

The study had portrayed a Filipino culture that is not highly gender sensitive on matters related to gender roles, decision making, access to and control of benefits derived from the use of the land.

## Employment Profile of Graduates from Visayas State University Main Campus

Results showed that majority of sample graduates come from the province of Leyte (84.1%), 70% were gainfully employed, 26.4% were unemployed but some possessed previous work experiences, and only 4.5% of sample graduates never had any work experience. A higher number of employed graduates were males, relatively older, and residents of cities. Results also showed a slight decline in the rate of employment of graduates over the four-year period.

Among the employed graduates, a greater proportion find employment in the education sector (39.4%) mainly as teachers, researchers and support staff; 16.2% were employed in the agriculture and forestry sector and 10.6% in wholesale or retail trading establishments. On the average, about 40% of the graduates spent one (1) to six (6) months of job search prior to their first employment and 43.4% found their first job through recommendations. A high proportion found that the most useful skills during their

first job were human relation, critical thinking, problem solving, and information technology skills. Fifty-three percent (53%) of the sample earned a monthly gross income of P5,000 to less than P10,000. A small proportion of sample graduates (8.8%) were self-employed, either by managing the existing business establishments of their parents or by putting up their own enterprises with financial support from their parents or guardians.

The prominent reasons for the unemployed graduates include: no job opportunity, lack of work experience, family concern not to look for a job, and further study. However, almost all of the unemployed graduates favorably responded to avail of the volunteer program of VSU.

Using the logit regression, the following were the positive and statistically significant factors that affect employability of graduates: communications and human relation skills, recommendation from known personalities, city residency, honors and awards, and problem solving/analytical skills.

## In situ Conservation and Utilization of Baybay Tall Coconut Populations

Baybay Tall (BAYT) is a high yielding coconut cultivar which was first identified in VSU campus and is one of the Philippine Coconut Authority (PCA) recommended varieties. Accessible coconut plantations in Baybay, Leyte were surveyed in search for good sources of BAYT planting materials outside of VSU. Ten (10) test sites were identified based on the visual similarity of the palms to the BAYT population in VSU and data on fruit and nut characteristics were gathered from sample palms.

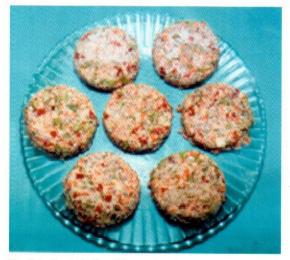
Results of multivariate analysis on nut configuration and nut components data showed that the 10 identified populations differed from the VSU population in fruit and nut equatorial diameters only, hence, are considered to be the same as VSU BAYT.

Development and Quality Assessment of Novel and High-Value Products from Non-Conventional Fishery Resources. Phase III – Utilization of Low Quality Fish and Shrimp Head for the Development of High-Value Food Products

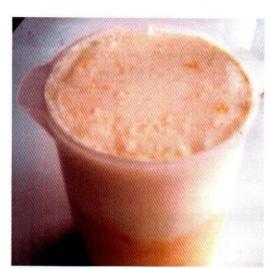
Shrimphead, a biowaste of shrimp processing, was found to be a potential raw material for patties production. Ten percent (10%) shrimphead and twenty percent (20%) swamp cabbage was the most acceptable formulation. The patties were acceptable to 87.77% of the

consumers consulted. They were also rich in protein, crude fiber and calcium. The cost of production of one formulation was P266.30 which yielded 33 pieces and the cost per piece was P8.06 which is cheaper compared to the commercial product.

Vege-fish yoghurt was developed utilizing low quality fishes and incorporating squash into the formulation enhanced sensory attributes. The most acceptable formulation was 10% fish and 20% squash and the lactic acid bacteria cells survival was higher in treatments with level of squash. The vege-fish yoghurt was acceptable to 83% of the consumers. The cost of production of one formulation was P191.00 and a yield of 9 cups at 150g/cup and a break-even price of P21.22 per pack.

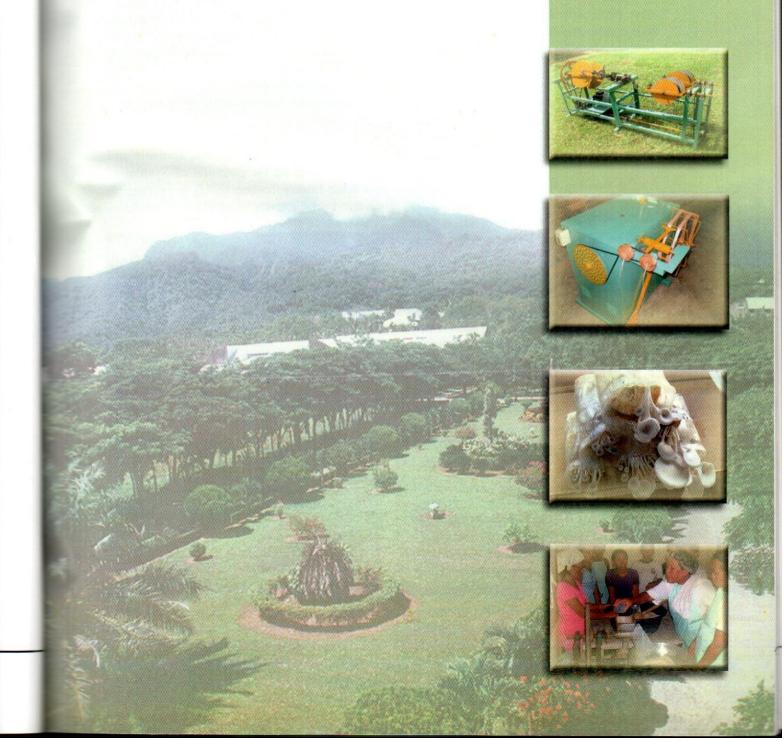


Ready-to-fry shrimphead burger patties



Vege-Fish Yoghurt

# EXTENSION



### **Mature Technologies**

- NARC Twisting Machine (Patent No. 2-2001-00155) makes 1/8" to 3/8" diameter abaca twisted yarn using different grades of abaca fibers and/or *umbak* (outer leafsheaths); 300 m/hr twisting capacity and can be operated by one person only; the feeding hopper allows operation even by unskilled person; powered by 1/2Hp single phase electronic motor; payback period is 0.3 year and ROI is 137.87%.
- NARC Twining Machine (Patent Pending)

   produces ¼" diameter to ¾" sizes (2 filaments) abaca rope and/or makes different sizes of fiber/umbak twines by changing gear combination; with automatic feeding assembly (needs no operator); powered by 1 Hp single phase electric motor; 550 m/hr twining capacity; twines can be used in making sacks, rags, doormats, folding chairs, slippers, hammocks, and other woven products; payback period is 1.17 years and ROI is 84.88%.
- NARC Yarning Machine (Patent Pending)
   has dimensions of 63.5 cm width x 63.5 cm long x 76.2 cm high; can produce about 1,200 m of yarn in 3 hours; with timing lock system, pedal clutch system, automatic spooling and arrangement of yarn; utilized either polyester yarn, nylon or silk fiber as binder by wrapping around the abaca fiber to form into a continuous yarn; powered by ¼ Hp single phase motor; with pedal clutch to temporarily stop the operation in case of stock ups.
- Abaca Power Stripper (Patent Pending)

   portable machine with stripping capacity comparable with traditional machine but cost almost 1/3 lower than the former; engine used is 3.5 Hp (gasoline); has dimensions of 96 cm length x 92 cm width x 100 cm height; 1 piece spare blade, bolted and dismantable framing; 92 kg weight with engine; 60-120 kg of dried fiber capacity per day depending upon the skill of the operator; hectarage per machine ratio is 10-15 hectares.

• Boneless Bangus – milkfish is spiny or bony which makes it less acceptable to some people especially the children. Removal of bones, splitting and marinating the bangus were done to improve its acceptability to consumers. It is a ready-to-fry product, convenient and easy to prepare for working wives.

#### **Technical Assistance**

- DAS offered technical assistance to private livestock entrepreneurs in nearby municipalities and barangays.
- DOH provided technical assistance to commercial mango growers, lemonsito/ coffee farmers, and vegetable/ornamental entrepreneurs on establishment, cultural management and bio-organic fertilizer production.
- Eco-FARMI provided technical assistance to agricultural technicians, students and VSU staff on the potential of System of Rice Intensification (SRI) in increasing rice productivity regardless of varieties



NARC Abaca Power Stripper



Boneless bangus

used through a new cultural management practices.

- ITE promoted rainforestation farming advocacy to participating communities in Leyte, Camotes, Cebu, Camarines Sur, Bohol, and Quezon Province.
- IHK provided technical assistance to city/municipal LGUs and LGUs of some barangays, barangay residents, dormitory residents, students, youth, and other folks through clinics and lectures.
- NCRC-V offered technical assistance to coconut farmers and entrepreneurs on selection of planting materials and suitable sites, choice of border plants and intercrops, fertilizer application, copra drying and charcoal making, and choice of makapuno planting materials and its management and cultural practices.
- ISRDS provided technical assistance to Patag-Gabas-Guadalupe Farmers Association on the application for water permit at the National Water Resources Board.
- NARC gave technical assistance to abaca nursery and plantation establishment and management, establishment of tissue culture laboratory, nutrient management of abaca, pest prevention, processing and utilization,

and public-private partnership on nursery and plantation establishment.; information caravans in Barangays Ambacan, Gabas and Kantagnos of Baybay, Leyte regarding abaca bunchy-top virus; monitoring and eradication activities in Barangays Kabungaan, Gabas, Gacat, Igang, Mailhi, and Ambacan of Baybay, Leyte and Barangays Lake Danao and Cabintan of Ormoc City, Leyte; and distributed herbicides and insecticides in Barangays Mag-aso, Gabas, and Gacat of Baybay, Leyte.

- VSU-Alangalang Campus provided technical assistance in the implementation of the OPlan Iban Basura Solid Waste Management Project
- VSU-Isabel Campus offered assistance in the procurement of tissue-cultured *lakatan* seedlings.

## Technologies/Information for Dissemination

- Salicylic Acid, Aspirin, SiO<sub>2</sub>, Chitosan and Boost are effective in eliciting resistance in rice against bacterial blight and blast diseases.
- Fish-Vege Noodle's proximate composition which is 22.5% crude protein, 1,918.68 mg/ kg crude calcium, 25.135% crude fat, and





Fish-Vege Noodles

Fish Rolls

3.64% crude fiber was found to be higher than that of the commercial noodle. Squash, as one of the ingredients, is rich in fiber and beta-carotene while the bone meal is rich in calcium.

- Fish Roll is rich in calcium and low in cholesterol which is a good substitute for animal meat in the diet.
- Shrimp Patties are good substitute for meat patties which are commonly used as fillings for sandwiches for snacks or as main dish in family meals. Pulverized shrimp head substituted the meat in the ingredients and the addition of swamp cabbage enhanced the nutritional value of the product.

## TECHNOLOGY PROMOTION

### Exhibits/Agro-Trade Fair/ Garden Shows

Aside from the stationary exhibits being maintained at the Office of the Vice President for Research and Extension (OVPRE), formerly ODREX, the following centers/departments of VSU Main Campus participated in exhibits in Albuera and Baybay, Leyte, Ormoc City, Tacloban City: *NCRC-V* – 3 agri-trade fair and exhibits; *DOH* – 1 flower and garden show and 2 agri-aqua industrial fairs;

### Fabrication of Processing Machine

During the year, NARC fabricated and distributed 36 units of abaca power stripper and one unit

each of twisting and twining machines to farmer cooperatives, abaca farmers, LGUs, NGOs, and businessmen.

## Working Models and Model Barangay

- NCRC-V maintained working models on the following coco-based nonfood products: semi-direct type copra dryers, charcoaling pit, and geotextile machine.
- Brgy. Hilapnitan in Baybay, Leyte was identified as "model barangay" for coconut production due to its proximity to VSU, its ideal terrain with flat and rolling coconut areas, and along the national highway.

### Demonstration Farm/ Nurseries

The VSU Main Campus showcased different technologies through the following projects:

- Ecological Demonstration Farm (Main Campus) showcased the organic production of piggery, chicken, small ruminants (goat and sheep), and fruits and vegetables.
- Forest Nursery (Main Campus) provided seedlings for the needs of concerned groups, communities and other entities.
- Natural Resource Management Conservation practices were showcased through the Nature's Park in the VSU Main Campus, and the establishment of butterfly and tarsier sanctuaries.
- Gmelina Plantation (Mahaplag, Leyte)
  using seedlings produced from various
  sources such as seed orchard, phenotypically
  desirable mother trees, and unselected
  mother trees. The plantation showcased the
  importance of using genetically superior
  planting materials.
- Coconut Production and Intercropping Demo Farms showcased both annual and perennial crops as intercrops.
- Coconut Seedgarden (Calubian, Leyte and Macrohon in Southern Leyte) showcased the performance of dwarf coconuts (Albuera and Tacunan dwarfs).
- Two farmer-managed-abaca nurseries were established in Baybay, Leyte and one nursery each in Albuera, Leyte, and Ormoc City was put up and an abaca plantation was established in Pinabacdao, Samar.
- Fruit Crop Farms were also used as demo farms such as those cooperator farms in

Ormoc, Matalom, Villaba, Isabel, Bato and Kananga in the province of Leyte, while in the province of Southern Leyte, specifically in the municipality of Bontoc, one fruit farm was assisted. Plantation Crop Demo farm was established in the Main Campus; for Ornamental Crops, Vegetables and Bio-Organic Demo Farm were established in the Main Campus and in Ormoc City.

 VSU-Isabel Campus established Demonstration Farms for African Hit Fishpond, Tree/Nature Parks, Organic Vegetable Farm, and Vermiculture.

## Distribution of Reading and Communication Materials

Brochures, leaflets, technoguides, pamphlets, technical bulletins, and modules were produced by the following departments/colleges and research centers/institutes of VSU and distributed to farmers and other clientele for free or at cost: DASS - How to Grow/Produce Crops like Corn, Upland Rice, etc., Proper Sampling Procedures; NCRC-V - 350 copies of Cultural Management Practices for Coconut, Coconut Shell Charcoal Production Using the Improved Pit Method, How to Construct the Semi-Direct Type Dryer, Cultural Management Practices for Perennial Fruit Trees: Coconut Intercropping on (Pineapple, Black Pepper, Ampalaya, Banana, and Ginger), Cattle Fattening Under Coconut; NARC – 150 flyers on abaca bunchy-top virus disease and its control, 28 pcs. of brochures -Abaca Technologies, 25 pcs. – Utilization of Abaca Stripping Wastes Into Handmade Papers. Hustong Pag-abakahan, Pagkigi sa Abaka, 36 cps - Abaca Power Stripper Manual, 30 leaflets on NARC RD&E, and 2 issues of NARC Newsletter.

#### Distribution of Planting Materials

The following centers, departments, institutes of the University produced and distributed planting materials such as seedlings, seed pieces or cuttings to various clientele for free or at minimal cost: **DASS** – 2,173.83 kg rice seeds, 136.64 kg corn seeds, 1,349 kg rice, 640.41 kg corn, 120.43 glutinous rice, 30 kg sweetcorn, 92.81 kg mungbean, 2 kg each of papaya and rambutan, 1 kg peanut, 7 kg ginger; DOH - 1.924 kg of various vegetable seeds and 9.43 kg of sweet corn; planting materials of the following fruit trees: lemonsito - 1,232, rambutan – 765, mango – 762, lanzones – 715, durian - 686, duco - 317, mangosten - 181, pummelo - 134, king mandarin - 25, and guava - 10; **DPBG** - high quality seeds of high yielding varieties of rice; NCRC-V -6,809 coconut seedlings/seednuts of promising coconut cultivars, 274 makapuno seedlings, 300 seednuts and 75 rooted seed pieces of black pepper; PhilRootcrops -distributed several seed pieces of various rootcrops as follows: sweetpotato - 271,125; cassava - 42,500; gabi - 1000 setts and ubi - 600 kg of tubers; NARC sold 46,393 potted abaca tissue-cultured plantlets and 75 bottles of newly dislodged tissue-cultured plantlets to various clients from Baybay, Jaro and Kananga in the Province of Leyte, also from Southern Leyte and the Department of Agriculture of Davao City.

## Trainings held and clientele served

Community engagement through informal training is a core activity of the various research centers and the Office of the Vice President

for Research and Extension (OVPRE). These trainings were held upon the request of local government units or people organizations.

## Highlights of Extension Projects

Pest Clinic. Continued to provide services on pest diagnoses to different types of clients. Samples examined were from different parts of Leyte such as VSU, barangays of Baybay, Bato, Ormoc, and Tacloban; Bontoc, Southern Leyte and Samar. Diagnoses included spider mites, scale insects and disease complex of citrus; leaf folder, tungro and nitrogen deficiency in rice; bacterial wilt of eggplants and ampalaya 'Brontispa and disease complex of coconut; and Phytopthora and chrysomellid beetle of durian. Water analysis was made for a private firm in Ormoc City and DENR Region 8.

Field visits were made by the Pest Clinic Subject Matter Specialists in VSU campus to determine the degree of tungro infestation of rice and ocular assessment of the *Brontispa* infestation in coconut in Tacloban and Paranas, Samar in coordination with the National Coconut Research Center-V in collaboration with PCA Region 8. Series of information campaigns on *Brontispa* of coconut were conducted in the different barangays of Baybay. The Clinic also conducted a training on Medicinal and Pesticidal Plants.

Mushroom Culture. Conducted three trainings on mushroom production and mushroom starter culture preparation which were participated in by private individuals and government employees from Leyte, Samar and Cebu. Disposed a total of 100 planting spawns of

straw mushroom to PAO-Tacloban and 110 grain spawns of the oyster mushroom to private individuals.

**Natural History Museum**. Collection and display of specimens consisting of a wide array of flora and fauna of Mt. Pangasugan were enhanced during the year. A total of 2,674 visitors viewed the museum including foreigners from France and Australia.

**Butterfly Garden**. The showcase of live butterflies in their manmade habitat of colorful flowers and mini fountain reflected the aesthetic and entrepreneurial value of butterflies. The garden aimed to encourage the spectators especially the students, the value of butterflies as a thing of beauty and as a means of income generation.

Pesticidal and Medicinal Garden. A collection of pesticidal and medicinal plants in three separate gardens inside the VSU Main Campus was being maintained by the Department of Pest Management. Technical assistance and distribution of planting materials were given to housewives of Brgy. Guadalupe, Baybay, Leyte. On-line and personal consultations were also extended to interested clients regarding uses and culture of common botanicals.

Vermiculture and Vermicomposting. Several trainings/briefings were conducted to different organizations and local government officials in the different towns of Southern Leyte and in Almeria, Biliran. DA officials and farmers who were briefed on the project were given ½ to 1

kilogram earthworm as initial stock for their project.

iSchools Project. The iSchools Project is one of the flagship projects of the Commission on Information and Communications Technology-Human Capital Development Group (CICT-HCDG) that assists the efforts of the Philippine Government and the Department of Education in integrating ICT in education in Public High Schools. In 2008, 12 public high schools (PHS) were added in the iSchools project under the VSU coordination: eight (8) from Leyte and four (4) from Southern Leyte.

Alternative Learning System Accreditation and Equivalency System. Thirteen (13) project sites were monitored in the conduct of regular group learning sessions and registration for the out-of-school youth (OSY) in preparation for the ALS A&E Tests in February, June, and October 2008. Assisted three (3) test passers in their enrolment at VSU.

## Laboratory Analysis of Soil and Plant Samples

DASS conducted analysis to 1,220 samples submitted by students, researchers, farmers, private firms, individuals, and non-government organizations for the following: Phosphorous – 387, Nitrogen – 294, Organic Matter – 315, Soil Ph – 46, particle size analysis – 44, Cation exchange capacity – 37, Potassium test kit – 36, pH in NAF – 21, Oven dry weight – 20, moisture content – 16, and AC – 4.

 Table 8.
 Trainings conducted and services rendered by department/college/center in CY 2008.

DEPT/COLLEGE/ CENTER	TITLE OF TRAININGS CONDUCTED/ SERVICES RENDERED	TYPE OF CLIENTELE F	NO. OF PARTICIPANTS
Department of Animal Science	Short lectures on animal and poultry management, goat production and management, swine production and management, ostrich growing; Animal Health and Disease Management of Small Ruminants & Livestock; Swine & Goat Raising Training-Seminar; Milk Production, Collection & Processing; GTC Technician Training Orientation	Students, pupils and teachers of different schools in Leyte/So. Leyte, farmers, SB members, livestock/ goat/backyard raisers, Korean visitors, agricultural technologists	2,062
Department of Development Communication	Training on Non-linear Video Production; Popularizing R&D Information; Valuing ICT Innovations in Providing Information and Technology Services; IEC Materials Production; Campus Journalism; DevCom Orientation Seminar; Leadership Orientation Seminar; Summer Arts Workshop; Hands-on Training on Q-Seedling Production Series; Division Training for School Paper Advisers and Campus Journalists; Seminar-Workshop on the Constructivist Approach to Teaching Science; Developing Mechanism for Accrediting Tree Nurseries; Scientific Writing; Communicating Environmental Risk: Online Advocacy on Genetic Engineering	TG-FITS staff from Regions 6, 7 & 8, Mindanao & Visayoregions; technician student-writers, researchers, faculty & staff of IIT-Naawa project cooperator advisers & campus paper writers; scienteachers of adopte schools; LGU official farmer cooperators NIT researchers	s, , , s; ce ed ls;
Department of Horticulture	Traning on asexual plant propagation; Organic Vegetable production; Beneficial Indigenous Microorganism; Ornamental and Vegetable Production & BOF Production; Vegetable Production and Control of Pest and Diseases; Floriculture, Olericulture and Pomology; Ornamental crop propagation and nursery Management; Asexual Propagation Techniques of Fruits, vegetables and Ornamentals; Mango grafting; Gave info on indoor/ outdoor and landscape plants, and BOF Production	Farmers, gov't/privo employees, student housewives, plant enthusiasts/growers	s,
Department of Pest Management	Mushroom Production; Mushroom Starter Culture Production; Vermi- compost and Vermimeal Production; Medicinal and Pesticidal Plants; Pest diagnoses through the Pest Clinic Use of Medicinal & Pesticidal Plants	Farmers, students, businessmen, NGOs technicians, gov't, and private agenci firms, commercial growers, researched barangay residents	es/

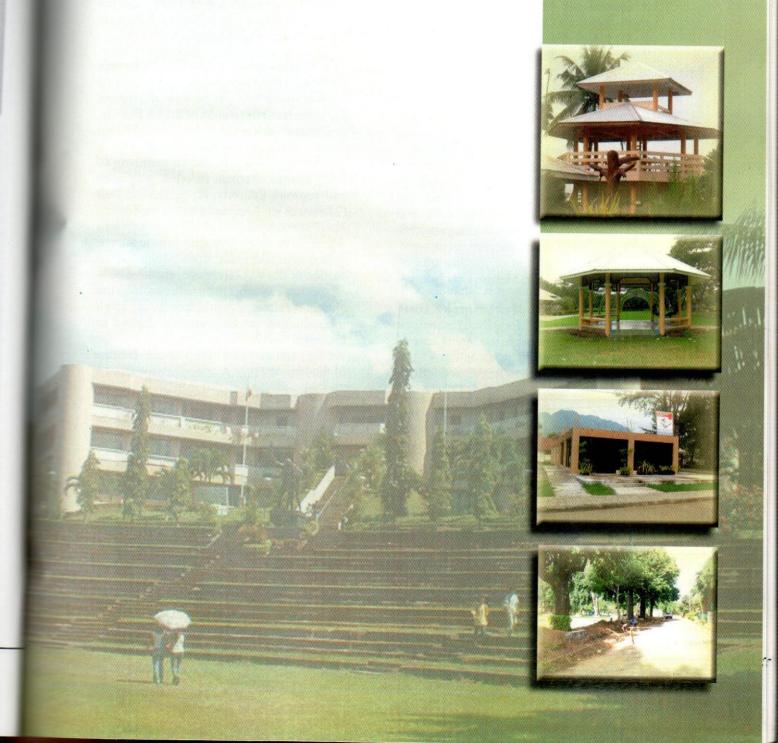
DEPT/COLLEGE/ CENTER	TITLE OF TRAININGS CONDUCTED/ SERVICES RENDERED		O. OF CIPANTS
ISRDS	Planning Workshop on Effective Agriculture and Fishery Modernization & Industrialization; Roundtable Discussion for Integrated Water Resources Management; Roundtable Discussion for Climate Change; Alternative Learning System Accreditation & Equivalency System; Performance Benchmarking for Water Districts; Livelihood Systems Analysis Workshop for KMI Partners; Value Chain Analysis Seminar Workshop	LGU staff, NGO, VSU personnel, DepEd, MSWD personnel, WD personnel, PO representative	187
College of Forestry	Planning and Implementation Workshop; Workshop on Developing Mechanisms for Accrediting Tree Nurseries; Seedling Sector Policy Modelling & Analysis Work-shop; Nursery Operators Training; Q-Seedling Production Technologies	DENR, LGU, farmers, nursery operators, private individuals	85
Institute of Tropical Ecology	Advocacy & Environmental Campaign on the Effects of Mining in the Different barangays of Baybay, Leyte; Rainforestation Training Workshop in Bilar- Bohol, Iriga City-Camarines Sur, Camotes, Cebu; Mangrove Area Dev't. Workshop for IMFARMC; Trainor's Training on Participatory Coastal and Fisheries Resource Assessment; Workshop to Revise Baybay City Basic Fisheries Ordinances; Basic Paralegal Training on Fishery Laws, Rules & Regulations for IMFARMC of the 5th District fo Leyte; 17th Annual Phil. Biodiversity Symposium "Human Population Density: Impacts on Biodiversity"	Barangay officials and residents, NGO, LGU, Farmer Organizations, People's Organizations (POs), Bantay Dagat/ Fish Wardens, IMFARMC members of 5th District of Leyte; FARCMCs in Maasin So. Leyte and coastal municipalities of 5th District of Leyte; LGUs of the 22 coastal barangays of Baybay, Leyte, BFARMC, Filipinos and foresign participants	560
Department of Computer Science & Technology	Trainer's Training on Basic Project Management; Computer and Internet Literacy Course; Laboratory Management; provided hardware repair and maintenance service to different offices of VSU; provided technical assistance in the configuration and maintenance of the computers used for the Medical Transcription Training Laboratory	High school 24: students, teachers, administrators, VSU offices	
Department of Food Science & Fechnology	Pickles Processing; Processing of Different Food Products; Jackfruit and Macapuno Processing; Current Good Manufacturing Practices and Hazard Analysis for Critical Points; Milk Product Processing; SSOP and GMP on Milk Handling and Processing; Rootcrops and Abaca Research and Development	Farmers, housewives, food processors, milkers, ASCOT researchers	145

DEPT/COLLEGE/ CENTER	TITLE OF TRAININGS CONDUCTED/ SERVICES RENDERED	TYPE OF CLIENTELE PA	NO. OF
Department of Business and Management	Entrepreneurial Seminar	Rootcrop Processors	40
Department of Science Education	Education Forum, Panel Discussion, and Service Workshop	BSEd, BEEd students & other education graduates, principals, student teachers	477
Institute of Human Kinetics	Singing Idol Workshop; resource person on Standard First Aid/foreign dance; organized the dance contest of farmers during the Baybay Agro-Industrial Fair; officiated the Mt. Biker challenge; acted as judge in dance contest, talent showdown, etc.; coach in soccer game; trainor of choral group; provided ground rules, schematic diagram and schedule of games in barangay/tennis tournaments	Students (high school and college), dormitory occupants, participants of tennis competitions, LGU officials, farmers, barangay residents, professionals, NGOs, players, runners	506
BIDANI	Training of Trainers on the Operationalization of BIDANI as a development strategy in local governance; Training on data collection/encoding; BMIS Software Training; Orientation-Seminar on Participative Domicilliary Nutrition Rehabilitation (PDNR); Strengthening Capability of Nutrition-in Development Advocates in Rehabilitating Malnourished Children: The PDNR Approach; Training on Nutripak Processing; Re-orientation Seminar on Nutripak Production; Sectoral Planning Seminar-Workshop; BNAP formulation training workshop; Conducted small dosage lectures on PDNR during BNS/BHWs meeting; facilitated consultative meeting with parents & medical consultation among malnourished children; Leadership training	Research & extension staff, MTAC members, MPDO, MSWDO, MAO, Civil registrar, Budget officer, municipal administrator, BHW, BNS, kagawad, SK, Barangay secretary, MNAO/MHO, midwives, AT, C/MNC members, CNAO, AT, RHU staff, CSWDO, POPCOM, SPs, DILG, DepEd staff, MAO, NORWELIDEPAI Mgt. staff & community leaders, mothers,	10,032
NARC	Nursery and Plantation Establishment; Cultural/Pest and Nutrient Management; Postharvest Processing; Secondary Processing and Waste Utilization (Handmade Paper/ Handicraft Making); Operation and Maintenance of Twining Machine	Abaca farmers, Coop members, business-men/ women, foreign students, researchers, rural men/women, students, teachers, LGUs officials, staff of DTI/ FIDA/SPMI, prive	1,661 ate
FARMI	Sustainable Organic Agriculture; System of Rice Intensification (SRI); Sloping Agricultural Land Technology (SALT); Sustainable Organic Agriculture-System of Rice Intensification; Pinoy Fries Making	Farmers, DTI staff, DA technicians, entrepreneurs	195

DEPT/COLLEGE/ CENTER	TITLE OF TRAININGS CONDUCTED/ SERVICES RENDERED	TYPE OF NO. OF CLIENTELE PARTICIPANTS	
NCRC-V	Pag-ila ug Paggamit sa Baybay Tall Agig Tinubdan sa Binhi ug Pag-ila ug Pagsumpo sa Brontispa nga Insekto sa Lubi; briefing/short lectures; Iaboratory/field visits	Coconut farmers, 1,507 LGU personnel; farmers, students, teachers, gov't. employees, businessmen/investors	
PhilRootcrops	Training of DAR Development Facilitators in Leyte on the Livelihood Potential of ARC Communities; Training on Cassava Grates Processing; Training on Cassava Production Enterprise Development; Training and Product Demonstration on Pinoy Fries and Cassava Chips; Training on Rootcrops and Abaca Research and Development; Training on Rootcrop Production and Biofertilizer Production	Gawad Kalinga livelihood program trainor; DAR Dev't. facilitators in Leyte;	
OVPRE	Leadership for Entrepreneurial Development; Seminar-Workshop on the Use of Logical Framework Approach for Research and Extension; Fish Processing; Digital Art Workshop Using Photoshop; Candle Making and Flower Arrangement; Livelihood Caravan; M & E Enhanced Project Outcome; TOT: Trainers Methodology 1 Plus	Students, research and extension personnel of VSU; parishioners of Our Lady Mediatrix Parish of Macrohon, VSU instructors and students; DAR employees	
ViCARP	Facilitating Participatory Decision-Making	Staff of ViCARP member agencies	
Graduate School	Training-Workshop on Classroom Teaching-Learning	VSU-Villaba Campus & 95 VSU-Isabel Campus faculty members; teachers of the Plaridel National High School	
DYAC	School-on-the-Air; Panel Discussion; and Short Training	DA Cebu information 106 officers, BHW, IMPARMC, LGU, CENRO, staff of DYSL Radyo ng Bayan, Sogod So. Leyte	
VSU-Alangalang Campus	Solid Waste Management; Workshop Series for Organic Rice Farmers; Formulating Business Plan	IEC Team of Alangalang 60 LGU, POs, NGOs, organic farmers	

DEPT/COLLEGE/ CENTER	TITLE OF TRAININGS CONDUCTED/ SERVICES RENDERED	TYPE OF CLIENTELE F	NO. OF PARTICIPANTS
VSU-Isabel Campus	Goat Production and Management; Mango Production and Establishment; Mangrove Development	Farmers, OSY, entrepreneurs, LGU fishermen	80 s,
VSU-Tolosa Campus	Barangay Management Information System (BMIS); Vege-Fish Noodles; Good Manufacturing Practices for: Vege-Fish Noodles, Fish/Meat Processing, Nata de Coco Production and Boneless Bangus Production; Fish Processing; Meat Processing; Bangus Deboning; Values Re-orientation/Formation and Entrepreneurship Training	Housewives, OSY, BMIS Team (VSU- Tolosa and LGU), entrepreneurs in the barangays, heads of families	480
VSU-Villaba Campus	Backyard Gardening; Food Preparation/Cooking; Handicraft Making; Use of Seasonal Climate Forecasts in Farm Decision-Making	Farmers, housewive out-of-school youth students	

# GENERAL ADMINISTRATION



## OFFICE OF THE PRESIDENT (OP)

The Office of the President supervised the overall programs and utilization of resources of the University System to produce top-quality services and program outputs.

- 1. The Internal Audit Service Office (IASO) conducted audit reviews of the collections and remittances of the VSU Infirmary and VSU Beach Resort; audit review on the grant of CY 2007 productivity incentive bonus and clothing allowances; verified and evaluated the causes of the non-payment of outstanding account of the DAS Meatshop to VSU Feedmill; audit observation during the harvest of palay under Seednet Project; witnessed and observed the sacking of copra "resecada" as well as in its weighing at Brgy. Caridad, Baybay, Leyte; verified the accuracy and correctness of the report of collections and deposits of payments on VSU employees' payments to electric bills, garbage, water and housing fees under Special Trust Fund; reviewed and checked notices of salary adjustments and notices of step increment of VSU personnel, individual leave records of VSU personnel, and monthly reports of income generating projects; observed and witnessed the inventory of supplies, and materials and farm products of income generating projects as well as government properties entrusted to accountable officers of the Institute of Tropical Ecology and Marine Laboratory.
- 2. The Anti-Sexual Harassment Unit (ASHU) conducted information campaigns to the different colleges in the Main Campus during orientation programs on the VSU's Implementing Rules and Regulations (IRR)

- of the Anti-Sexual Harassment Act of 1995; made revisions to the "LSU IRR of the Anti-Sexual Harassment Act of 1995" to address some issues raised by the Civil Service Commission; received two complaints of sexual harassment in CY 2008; assisted complainants in the preparation of a written complaint and facilitated the notarization of the affidavit; conducted orientation to new CODI members regarding the "Anti-Sexual Harassment Act of 1995" and the "Administrative Disciplinary Rules on Sexual Harassment Cases".
- 3. The Alumni and Community Relations Office, together with the Alumni Communicators from the different departments/offices/units of the University, sent invitation letters for the Grand Alumni Homecoming to different alumni within the province of Leyte and to members of VSU alumni chapters in other provinces and regions nationwide; published two (2) issues of Alumni notes which were distributed during the homecoming; sent Alumni Newsletter through e-mail to alumni with e-mail addresses; updated the alumni section of the VSU webpage; encoded 65% of the total number of graduates into the alumni database; assisted sponsoring batch in facilitating the homecoming; helped in the solicitation for the various projects of the alumni; and served as the Visitors' Bureau of the University.







The 2008 Alumni King and Queen (Engr. Ral-jie Managbanag & Ms. Eva Monte) and their court (Ms. Lolita Poliquit and Mr. Dominador Gablon; Dr. Erlinda Vasquez and Engr. Renato Cosmod).

## OFFICE OF THE VICE PRESIDENT FOR ACADEMIC AFFAIRS (OVPAA)

The Office of the Vice President for Academic Affairs (OVPAA) initiated the following proposals: Grant Incentives to the Top 10 PRC Board Exam Passers and the Guidelines for the Grant of Permanent Tenure of Academic Faculty for approval by the board of Regents; recommended the following: hiring/renewal of 326 regular/part-time faculty, change of status from Temporary to Permanent/Plantilla item and/or job order to regular status of 11 faculty, reclassification of position of 2 faculty, leave without pay of 5 faculty, sabbatical/study/sick leave, availment of secondment and/or granting of Professor Emeritus of VSU faculty; acted through the Academic Personnel Board (APB) the different academic/personnel issues; and acted through the University Curriculum Committee the different curriculum proposals.

- 1. The Accreditation Center facilitated the preparation of necessary documents for the conduct of IQuAME at VSU and IQuAME Task Force/Working Committees; followed-up/assisted five (5) KRA Committees on their specific assignments; facilitated the preparation of necessary documents to undergo institutional accreditation by Accredited Agency of Chartered Colleges and Universities of the Philippines (AACCUP); requested financial assistance from CHED for the AACCUP accreditation of Doctor of Veterinary Medicine (DVM), BS in Development Communication (BSDC), and BS in Food Technology (BSFT); assessed the preparation of the following units with regard to AACCUP accreditation of their course program: College of Forestry and Natural Resources (CFNR), Department of Pure and Applied Chemistry (DoPAC), Department of Development Communication (DDC), Department of Food Science and Technology (DFST), College of Veterinary Medicine (CVM), VSU-Alangalang Campus, and VSU-Tolosa Campus; and assisted the university in the preparation and evaluation of various documents required in the Dark Green School (DGS) accreditation process.
- 2. The **Admissions Office** processed the admission of 1,226 college freshmen, 85 transferees, and 9 returning students for the 1<sup>st</sup> Semester of SY 2008-2009 and 29 freshmen, 38 transferees and 2 returning in the 2<sup>nd</sup> second semester; and coordinated the 692 entrance scholars
- The Graduate School & Special Programs were merged to maximize university resources; proposed and was approved by the BOR an increase of the Honorarium of Study Guide Writers, Reviewers and Editors and the amendments of the Graduate School Code: Article II, Sec. 3.2C: Qualifications to Become a Graduate Research Adviser and Article VII, Sec. 15.1: Nature of the Comprehensive Examination; proposed for UADCO discussion some Guidelines on the Adoption of Graduate Degree Programs within the VSU System, Guidelines on the Conduct of Classes of Graduate Courses Outside the University, Reduction of the Required Minimum Number of Graduate Students Per Course from Eight to Five for the Granting of Honoraria, and Increase Honoraria of Faculty Members Handling Weekend Classes; drafted the following proposals for Graduate Faculty deliberation: Increase the Laboratory Fee of Graduate

Courses and Amending Article VIII, Section 17.3 (Residency Requirement and Time Limits); conducted the Term (Midterm and Final) and Summer Consultation Dialogue; reproduced and distributed 33 bound copies of study guides; published Volume 6 of 2008 Graduate Research Abstracts; conducted Echo-Seminar on Language Teaching at VSU Villaba Campus; the Mobile Enhancement and Action Team (MEAT) of the Graduate School conducted a Training Workshop on Classroom Teaching-Learning at VSU Villaba Campus, Isabel Campus and Plaridel National High School; spearheaded the gathering of data to support for the offering of Master of Science in Environmental Management (MS Envi Mgt.) by the College of Forestry; conducted survey in Tacloban City, Maasin City, Southern Leyte, and Cebu on the proposed offering of new courses in both Graduate and Special Programs.

The **Special Programs** of the University included Nursing, Civil Engineering, Medical Transcription, and Criminology; obtained full recognition and accreditation by TESDA for the two TechVoc programs on Nursing Assistant and Caregiver; established affiliation with the Salvacion Yñiguez Hospital in Maasin City and Ormoc District Hospital in Ormoc City for the nursing students' training; and graduated 20 medical transcriptionists in two training sessions (January 2008 and October 2008).

4. The University Registrar assisted the Deans and Department Heads in both the main and external campuses in the enforcement of CHED rules and regulations as well as the university policies regarding academic load, sequence of subjects, course contents, accreditation of subjects and units, and other academic policies of the university; gave orientation to the

new students on the university academic policies; processed required reports on student enrolment, grades and units earned; sent confirmation to the agencies/ embassies verifying the records of students/ graduates applying for work abroad; facilitated the authentication of diploma and other documents for graduates/ students needed in their application for employment/scholarships in other countries; assisted students in gathering data for their research/thesis and/or subject requirement; issued 2,638 copies of transfer credentials, transcript of records, and certification needed for employment, travel abroad, scholarship grants, licensure examinations, and other related purposes; evaluated and updated 4,732 records/ checklists of students; sent 8,986 copies of grades of students to parents; monitored and followed-up 2,244 incomplete grades of students; received and recorded 1,054 completion grades of students; prepared 938 diploma of all graduating students in the main and external campuses; prepared 3,227 IDs of students and faculty; encoded 73,337 subjects of students; printed 5,134 copies of class rosters and grade sheets; encoded continuously in the database records of graduates in the past years.

5. The University Student Services Office (USSO) conducted the following during the year: Career Fair for the VSU Freshmen and fourth year high school students, Scholarship Forum, Leadership Orientation Seminar-Workshop to 205 officers of recognized student organizations and campus dormitories, Seminar on the Guidelines of Operations for Dormitory Advisers and Assistant Advisers, Oathtaking Ceremony of advisers of student organizations, and initial correlation study using OLSAT results versus the Grade Point

Average (GPA) of college freshmen for SY 2006-2007 and guidance and counseling to 528 students both high school and college students; coordinated Job Seeking Seminars; organized the 29th Honors' Convocation Program and the 5th Annual Awards Convocation; established linkage with the Placement Agencies for possible employment of graduates; administered and interpreted psychological test results of 1,547 examinees for counseling, vocational guidance, admission, research, employment, and re-admission purposes; facilitated the recognition of 61 student organization in the Main Campus, improvement of dormitory facilities through repair and maintenance of the different dormitories as well as construction of kitchen and additional bath/comfort rooms, and the delivery of financial assistance through scholarships and grants, insurance claims,

- student assistantship, and the ViscaSELF
- The University Library was identified as the IT Coordinator in the Visayas Region; inputted 191 articles from the ViSCAiana collection to WEB-AGRIS and uploaded to the PHILAGRINET Data Center: encoded 18,110 library materials both print and non-print to the Sci-Net Integrated Library Management System (SILMS); updated the library web page which contains the profile, collection, rules and regulations, services, and staff; configured the library Web-Server and uploaded the Library System to the internet with URL:http://library. lsu-visca.edu.ph; converted the CDS-ISIS "CATALO" database to My SQL; processed and added 1,470 library materials (both print and non-print) to the database "CATALO"; continued to publish the New Acquisition pamphlet.

## OFFICE OF THE VICE PRESIDENT FOR RESEARCH AND EXTENSION (OVPRE)

The Office of the Vice President for Research and Extension (OVPRE) takes charge of the overall coordination and management of the R&D function of the university. In the overall program planning, monitoring and review and evaluation the director is assisted by the different commodity R&D Teams while different programs/ projects and other activities are done mostly at the center and department levels.

As the lead office in coordinating the overall R&D programs, OVPRE took overall R&D responsibility especially in coordinating the formulation of long and short range R&D plans and programs, the monitoring and evaluation of proposed and implemented programs, projects and other R&D related activities such as help promote and strengthen the university's R&D programs through improved R&D linkages with

the line agencies and organizations and funding institutions both local, national and international levels; conducted staff development training through seminar series and upgraded R&D facilities; packaged R&D significant information and technologies for transfer to the extension office and other R&D cooperating agencies/institutions.

The physical facilities in the different research centers and departments were provided funds for maintenance which are also shared either for research, instruction and extension. These facilities include: laboratories with necessary equipment, green houses, experimental and demonstration area. Building infrastructures covered an area of 4.75 hectares, experimental area for about 188.70 hectares and less than a hectare for green houses and nurseries.

## OFFICE OF THE VICE PRESIDENT FOR ADMINISTRATION & FINANCE (OVPAF)

The Office of the Vice President for Administration and Finance (OVPAF) supervised and coordinated activities and programs relative to the management, maintenance, development and utilization of the human, physical and financial resources of the University both in the main and satellite campuses. In 2008, the office conducted the Mini-Planning Workshops for the different offices under OVPAF; facilitated the completion of Phase 1 of the ITE Building; established the sidewalk and canal from the Balay Alumni to the VSU-Bakery; concreted the rotonda at the front of VSU Hostel; constructed the canteen with view deck of the VSU Garden Beach Resort; survey and repair of the VSU water system; repair of the "BOR Chairman and President's Cottage"; installation of street lights from Bgy. Pangasugan to Holy Spirit Church, a joint project of VSU and LGU Pangasugan; and landscaping of the College of Forestry.

1. The Office of the Director for Administration (ODA) finalized the Records Management Manual; facilitated three planning workshops; conducted 7 sessions of orientations of the new Statement of Assets, Liabilities and Networth (SALN), 23 sessions of orientations of the PMS-OPES in the Main Campus, PCC,

Villaba and Tolosa Campuses, and lecture on CSC Policies during the orientation of new instructors; prepared the draft Performance Management System (PMS) of the University and submitted to the Civil Service Commission for approval; prepared the Revised Administrative Staff Development Program; assisted





The newly-rehabilitated drainage system as well as pedestrian lane (left); Participants to the PMES-OPES Seminar (right).

11 administrative offices to prepare their OPES Reference Table; facilitated the preparation of the memorandum for the implementation of the Anti-Rabies Law, negotiation for settlement of cases of vehicular accidents; assisted barangays Patag, Guadalupe, and Gabas in preparing their position papers regarding the Filtration Facility constructed in Brgy. Patag; facilitated the payment of disturbance compensation to tenants and recovered possessions of the university lots; facilitated the conversion of status of 10 tenants to shareholders; prepared answers to Audit Observation Memorandum issued by COA; prepared 19 legal pleadings involving RTC and MTC cases, DepEd case regarding the high school site at VSU Tolosa Campus, sexual and administrative cases, cases with the Ombudsman, tax delinquency cases of the Cebu and Manila properties, case with the National Telecommunications Commission (NTC), cases of non-returning scholars, and ejectment case against squatters of VSU lots.

The Human Resource Management and Development Office (HRMDO) facilitated the processing of appointments of the following personnel: renewal of appointments of 110 regular employees and 369 casual/contractual employees; newly hired 28 regular employees, 10 casual/contractual and 77 part-time faculty; effected a change of status of two employees from temporary to permanent; promotion of five administrative staff; reemployment of eight faculty members; facilitated trainings, strategic planning, seminars, and orientations on the filing up with the new SALN and PMS-OPES.

- b. The Records Division conducted disposal of records of VSU Main Campus and Cebu Office and inventory of records in 201 file folder based on the Civil Service Commission's recommendation; prepared Request for Authority to Dispose Records for submission to the National Archives of the Philippines and the draft of the Records Management Manual; facilitated the delivery of memoranda, circular, administrative orders, and mails to different offices as well as mailing of 11,020 official mails to the Post Office.
- c. The Supply Property Management Office (SPMO) has two sections: Property Section and Procurement Section.
  - The Property Section reconciled/ updated and prepared Annual Inventory Reports; facilitated the renewal of registration and insurance of University vehicles and the transfer of insurance of buildings from GSIS to Philippine National Bank; renewed (ARE) files of VSU personnel; conducted physical inventory of equipment and vehicles and inspection of animals for disposal; facilitated the receipt and delivery of newly acquired equipment as well as the storage and distribution of supplies and materials to end-users; and monitored the operation of the VSU Fuel Station.
  - The **Procurement Section** facilitated the procurement of requests for office supplies,

construction materials and equipment by the different units of the University; improved the system of withdrawal/delivery of supplies/materials/equipment based on the suggestions of the Commission on Audit (COA); and followed diligently the procurement principles stipulated

in RA 9184 (Government Procurement Reform Act).

d. The VSU Cebu Office (VCO) disposed of records in the presence of ARMAO and VSU Records Officer; served as extension office of SPMO for procurement services; and connected two computers to the internet for fast connectivity.

# OFFICE OF THE VICE PRESIDENT FOR PLANNING & RESOURCE GENERATION (OVPPRG)

The Office of the Vice President for Planning & Resource Generation (OVPPRG) formerly the Vice President for Development and External Affairs (OVPDEA) supervises the VSU Manila Office, University Review Center URC), Culture and Arts Center, Volunteer Program Office, Multi-Media Development Center and Printing Press, Income Generating Projects, Housing and Utilities Commission, Student Dormitories, and Planning Office. During the year it facilitated the MOA signing between the University and the following agencies: Manila Mission of the Church of Jesus Christ of Latter-Day Saints (three groups), Well of Messiah International Ministries, and El Shaddai that used the university facilities in the conduct of their seminars, workshops, youth camps; facilitated the MOA signing of 14 BSHRTM and BS Agribusiness (BSAB) students who went on the job training (OJT) to Singapore in collaboration with the Ojastro Recruitment Agency, Inc.

1. The VSU Manila Office (VMO) served as a liaison office of VSU, and as such, assisted in networking & linkaging for additional funding, made representations at the Appropriations Committee, Congress and Finance Committee, Senate for the restoration of 2.0 M congressional initiative of Congresswoman Carmen L. Cari, and request endorsements from the Department of Budget and Management; facilitated the submission of requirements for the application of VSU Review Center to CHED for a permit to operate; made representation at the Office of the Solicitor General to appear in the hearing for the

administrative case filed by the National Telecommunications Office (NTC) against VSU station DYAC with "No permit to operate"; assisted staff in processing travel papers with the Department of Foreign Affairs (DFA) and embassies concerned, including flight reservations; facilitated the registration of the land title of VSU Lot at 8 Lourdes Street, Pasay City; assisted in canvassing and procurement of supplies/equipment which are not available in Cebu City; facilitated to secure official certification for the Licensure Exams in Agricultural Engineering, Veterinary Medicine, Geodetic Engineering, Forestry,

Agriculture and Teachers from the Professional Regulations Commission; received and delivered 143 parcels/letters and 55 checks from Baybay to agencies/offices in Manila and suburban cities/municipalities.

- 2. The University Review Center (URC) facilitated the conduct of review classes for agriculturists, foresters, teachers, and veterinarians; facilitated the conduct of performance evaluation of review team and reviewees of the different review classes; developed and produced brochures for the review classes for Agriculturists, Foresters, Teachers, and Veterinarians; submitted requirements for accreditation of the University Review Center to CHED with the assistance of VSU Manila Office; and generated a gross income of P826,000.00 from its services.
- 3. The Office for Auxiliary Services and Income Generating Projects Office (IGPO) monitored the different income generating projects of the VSU Main Campus. During the year, the different projects generated a gross income of P20,706,824.92 which included P14,600,941.31 from the RF projects and P6,105,883.61 from the non-RF projects; transferred IGP Office from the Administration Building to the VSU Market complex for accessibility to all concessionaires and ambulant vendors; improved the collection of rentals and other bills; facilitated the construction

of two additional comfort rooms at the commercial exhibitors' area, drinking and washing fountains in a more safe location and repaired leaking roofs and defective doors of rented rooms/facilities; maintained the surroundings of the VSU Market and Fast Food Center; issued relevant memos and sent monthly statement of accounts to concessionaires; conducted meetings with all concessionaires; facilitated the establishment of good relationship between the university and the concessionaires; settled minor problems among concessionaires; facilitated the inclusion of important matters for discussion during the Board of Management monthly meeting.

- 4. The Multi-Media Development Center and the VSU Printing Press were merged during the year and had a complement staff of seven (7): MMDC 7 and VPP 2; produced and published instructional materials (IMs); spearheaded the production of the Trainer's Guide on Producing Quality Seedling which consisted of a manual and video materials; provided video documentation services; produced streamers and designed stage backdrops for different activities of the university; and provided layout services.
- 5. The **Planning Office** consolidated and published in coordination with other offices the 2007 Annual Report of the University; provided documents needed for the University budget proposal; and assisted various University committees.

## **EXTERNAL CAMPUSES**

The VSU-Alangalang Campus rehabilitated the doors of restroom cubicles of the College Main Building, Home Technology Building and Secondary building; constructed the dirty kitchen of the Home Technology building, vegetable farm house and restrooms of the new library building; renovated the second floor of the Administration building into evaluation room, conference room and faculty rooms; conducted major repairs of the entrance flush doors of the secondary building; rehabilitated the drainage canals; and acquired different facilities for office use and landscape maintenance.

The VSU-Isabel Campus concreted and painted the "Welcome" signboard on the school boundaries; fabricated the grills and steel gates in the lower and upper campus; concreted the footpath of the upper campus; landscaped the grounds of the Administration Building; excavated drainage canal; fabricated steel frame for tent, tables for Physics, Biology, and Chemistry rooms; and roofing of Management House and Vermi Shed House.

The VSU-Tolosa Campus made minor repairs of some college buildings; converted two classrooms into a new College Library; the old library was converted into a Computer Room, Research and Extension Office, and Analytical Laboratory.

The VSU-Villaba Campus repaired and improved faculty and administrative staff offices, established additional income generating projects such as pineapple and jackfruit, rehabilitated the garage area and back of the Management and Guest House to secure the area, and resurfaced the road from national highway to the school campus through the courtesy of the Leyte Governor and the Mayor of Villaba.

## MANPOWER RESOURCES

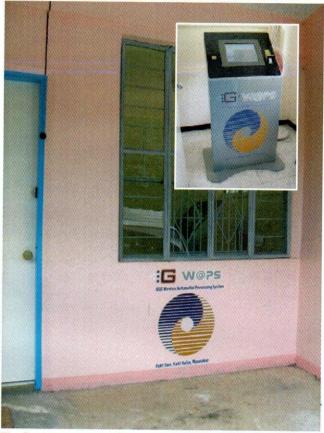
The VSU System had a total of 342 regular administrative personnel as of December 31, 2008, consisting of 280 personnel in the VSU Main, 12 in VSU Alangalang, 17 VSU Isabel, 17 VSU Tolosa, and 16 in VSU Villaba Campus. VSU Main Campus also hired casual and contractual administrative personnel to complement the regular staff.

## VSU MAIN CAMPUS LANDSCAPING

During the year, the transformation of the landscaping of the VSU Main Campus was started to conform to four (4) thematic landscapes: Upper Campus – *Temperate Style*, where cypress and other plants suitable for a temperate abode will be the dominant attraction; Chemistry/Engineering Area to the base of the hill – *Japanese Style*, where plants such as those in topiary form will accentuate the site along with a Japanese style bridge and pond; Guard Post No. 2 to the Eco Park – *Mediterranean Style*, where large palms will stand like sentinels on both sides along with the two Obelisks, providing a beckoning view of the Upper Campus; and from Guard Post No. 1 to the beach – *Tropical Style*, where colorful plants, oriental palms, shrubs, and other hardy shade plants will highlight a plaza-like and panoramic beach sitting.

## GSIS G-WAPS KIOSK INSTALLED AT VSU

The Government Service Insurance System (GSIS) installed a GSIS Wireless Automated Processing System (G-WAPS) Kiosk at VSU to enable GSIS members of the university and neighboring barangays and town to electronically process GSIS transactions including loans and other claims with the GSIS without necessarily visiting their offices.



The G-WAPS Kiosk at the VSU Administration Building ground floor (near the parking area).

 Table 9.
 Income of projects monitored by the IGP Office (2007-2008).

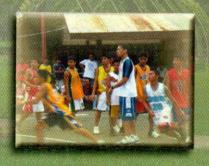
PROJECTS	2008	2007
RF-IGP		
Pavilion	6,244,607.51	5,914,283.65
Coconut Non-Food	3,154,222.15	3,092,778.10
Hostel	1,621,822.50	1,889,403.00
University Review Center (URC)	833,825.00	1,007,400.00
NARC-Abaca Power Stripper	800,050.00	
Printing Press	652,467.55	468,046.39
Rice	377,847.10	44,880.00
Makapuno		286,760.00
	349,320.00	
Buko & Coco Seedlings	337,790.00	136,740.00
Center for Continuing Education (CCE)	121,975.00	
Seednet (Patag Area)	52,641.00	
Seednet (Pangasugan Area)	35,235.00	
Souvenir Items	19,138.50	
SUB-TOTAL	14,600,941.31	11,546,131.14
Non-RF IGP		
VSU Bakery	2,137,644.97	
LSU Market	488,224.97	442,837.29
VSU Garden Beach Resort	451,808.25	
Infirmary	371,225.40	153,831.00
Rootcrops	356,269.50	339,693.85
Manila Lodging	298,770.00	231,835.00
Ornamentals	208,181.50	140,851.00
DASS (Soil Lab)	202,024.69	144,204.50
Cebu Lodging	189,995.00	130,070.00
Bindery	186,641.50	210,301.15
Feedmill	176,168.73	260,021.24
SDMU	158,714.70	233,852.80
Convention Center	148,142.50	221,202.50
Goat/Sheep	133,140.00	49,175.00
		10,1,003.38
Horti Nursery	117,310.00	
Beef/Carabeef	79,820.00	152,165.00
Pomology I & III	70,400.00	50.040.05
Corn Seeds	65,760.00	59,942.25
PPO Shops	61,897.00	47,115.70
FARMI Demo Farm	40,026.50	
Recreation Center	31,988.00	23,371.30
Sustained Yield	25,870.00	23,004.00
Technoguide Training	21,100.00	5,643.00
Ducks and Poultry	16,249.25	
Locally Grown Seeds	15,980.00	28,565.50
Custom-Made Garments	14,164.75	-
Coco Intercrops	13,671.50	12,770.10
Pomology II	9,429.90	
Handbooks/Photocopying	8,485.00	28,285.00
Library Fines	5,715.00	33,696.00
Seedbank B	1,065.00	6,790.00
Coconut Food	7,000.00	1,040.00
SUB-TOTAL	6,105,883.61	5,863,303.64
GRAND TOTAL	20,706,824.92	17,409,434.78

# SIGNIFICANT EVENTS









- Atty. Carlo P. Loreto, Leyte Provincial Board member and an alumnus of the Experimental Rural High School (ERHS, 1988 graduate), now VSU Laboratory High School, served as guest speaker during the 2008 VSU Honors and Awards Convocation on February 21, 2008 at the VSU Convention Center.
- Hon. Rolando G. Andaya, Jr., Secretary of the Department of Budget and Management (DBM), was the guest speaker during the 55th Collegiate Commencement Exercises on April 4, 2008. He stressed the importance of education and innovation in propelling the country's development.
- The 2008 VSU General Alumni Homecoming was held on May 16-17, 2008 with the theme "Strengthening the Alumni through Greater Batch Participation". The proclaimed VSU Alumni King and Queen were Engr. Raljie Managbanag (BSAE 2005) and Ms. Eva Monte (BSA-Agricultural Economics 2003). The 1st runner up were Ms. Lolita Poliquit (BSAB 1985) and Mr. Dominador Gabion (BSAB 1982), while the 2nd runner up were Dr. Erlinda Vasquez (BSA-Plant Protection 1980) and Engr. Renato Cosmod (BS in Agricultural Engineering 1980).
- Department of Energy (DOE)
  Undersecretary Ramon G. Santos was
  the keynote speaker during the ANEC
  National Consultation Meeting and Strategic
  Planning held at VSU on July 21-25, 2008.
  He stressed that the meeting could identify
  some gaps between the academic and the
  practical application by industry to a range
  of sustainable and clean energy technologies.

- According to him, aggressive development of renewable energy could only be attained through technology innovations and new ways of providing clean, predictable, and affordable power.
- Prof. Toshihiko Suganuma, head of the Department of Biochemical Science and Technology, Kagoshima University and Dr. Kanefumi Kilahara conducted a research study visit to various laboratories of VSU from July 24 to 29, 2008.
- Dr. Margarita C. Cari, ABC Federation
  President of Leyte and Ex-Officio Member
  of Baybay City Council and chairperson of
  the Baybay Tourism Committee, was the
  guest speaker during the opening of the
  2008 Flower and Garden Show and Booth
  Exhibits on August 4, 2008.
- The acrobatic show exhibited by the Survivor Acrobatic Entertainment of Astacho Sison in Pangasinan held in the evening of August 4, 2008 was one of the activities during the VSU Anniversary celebration which thrilled the spectators with their breath-taking exhibition of skills and talents.
- Mr. Rey Fran Evangelista, 1991 BS in Agribusiness graduate who turned professional basketball player of the Philippine Basketball Association (PBA) under the Purefoods Chunky Giants Hotdog, conducted a Basketball Clinic to VSU basketball men and women varsity members on August 7, 2008. He emphasized the value of discipline and right attitude towards the games they are into.





Senator Manuel B. Villar (L) and Hon. Florencio Gabriel G. Noel (R) of the "An Waray" Party-List were the guest of honor during the Farmers & Fisherfolks Day.

- The Student Scholarship Fund Raising Committee (SSFRC) sponsored a concert of Miss Yeng Constantino and Mr. Jay-R Siaboc dubbed as "Hawak Kamay sa VSU in Baybay" in the evening of August 8, 2008 at the VSU Gymnatorium.
- The VSU Scholarship Fund Raising Committee (SSFRC) in cooperation with the Hugpong Sabado Visual Artists of Visca, sponsored the "Tabangbayayong IV: an Art Exhibit for a Cause" on August 4-15, 2008 on the occasion of the 84th VSU Anniversary to generate funds to support SSFRC grantees enrolled at VSU.
- Senate President of the Philippines, Senator Manuel B. Villar and Representative Florencio Gabriel G. Noel of An Waray Party-list were the guests of honor during the Farmers' and Fisherfolks' Day on August 9, 2008 in celebration of the 84th VSU Anniversary. Sen. Villar lauded VSU administration for spearheading an activity honoring the

- unsung heroes who are the backbones of the country's economy, the farmers and fisherfolks. On the other hand, *An Waray* Party-list Representative, Congressman Florencio G. Noel, vowed his support by providing one (1) bag of fertilizer to each farmer present in the said occasion and that he would deliver it personally to each farmer sometime in December 2008.
- of the Philippine Council for Agriculture, Forestry and Natural Resources Research and Development (PCARRD), was the convocation speaker during the 84th VSU Anniversary Celebration on August 11, 2008. He stressed the long time partnership of PCARRD and VSU in the areas of research, extension and instruction in agriculture, forestry, and natural resources (AFNR) through the VSU-based Visayas Consortium for Agriculture and Resources Program (ViCARP) as ardent partner in directing and managing AFNR and R&D activities in Region 8.





Mr. Vergilio Torino, 2008 Outstanding Farmer Entrepreneur, posed with Hon. Manuel B. Villar (left); VSU Main Campus awardees (R-L) Dr. Lualhati M. Noriel - Exemplary Teacher; Dr. Erlinda A. Vasquez - Exemplary Researcher; Ms. Marissa P. Babilonia - Best Skilled Worker; and Mr. Legario B. Ramos - Best Administrative Support Staff (right).

- The Institute of Human Kinetics (IHK) organized the *Goodwill Games* among VSU constituents and partner agencies on August 10, 2008 to foster camaraderie and sportsmanship. The competed games included basketball (men and women), volleyball (men and women), badminton mixed doubles and singles (men and women), tennis, and trail running competition.
- Mr. Vergilio V. Torino from Isabel, Leyte received the *Ugmad Award* as the Outstanding Farmer Entrepreneur. He received a plaque of recognition from VSU and a cash prize of P10,000.00 from Leyte Governor Jericho L. Petilla and another P10,000.00 from Senate President Manuel B. Villar. Mr. Torino shared his success formula: industriousness + brain + God = development.
- The awardees during the 84<sup>th</sup> Founding Anniversary Convocation Program of VSU on August 11, 2008 were:

- Philippine National Oil Company-Energy Development Corporation (PNOC-EDC) − Sandigan Award "for nearly 20 years, PNOC-EDC has organized and supported the participation of 30 farmer groups in the yearly Farmers' and Fisherfolks' Day. Its linkage with VSU has paved the way for farmer-beneficiaries' adoption of VSU-generated technologies, such as the establishment of abaca plantations, food processing, and root crops and vegetable production."
- ⇒ Dr. Marife D. Corre-Veldkamp,
  1987 (cum laude) BS in Agriculture
  graduate Outstanding Alumna Award
  "for her achievements, support to the
  university, the Alumni Association and
  fellow alumni. Besides her professional
  success, she generated research funds
  to support projects at the College of
  Forestry and Natural Resources of
  VSU, helped fund the theses of three

- (3) VSU staff scholars in Germany, and contributed to many Alumni Association activities and projects."
- ⇒ VSU faculty and staff who were awarded for their exemplary performances: Dr. Lualhati M. Noriel Exemplary Teacher; Dr. Erlinda A. Vasquez Exemplary Researcher; Ms. Marissa P. Babilonia Best Skilled Worker; Mr. Legario B. Ramos Best Administrative Support Staff; and Mr. Levi G. Castañas Model Laborer
- ⇒ Mt. Pangasugan Awards were given to the following retirees who held leadership positions: Dr. Gregorio J. Galinato, Dr. Rogelio A. Jaime, Dr. Ramon S. Laguna, Dr. Eliseo R. Ponce, and Dr. Conchita A. Ito (Villaba Campus)
- ⇒ Service Awards were given to Mr. Melchor G. Abayabay, Mr. Joel M. Ancheta, Ms. Letecia D. Ancheta, Prof. Alejandro C. Caliente, Ms. Zenaida D. Gerona, Ms. Julieta P. Laguna, Mr. Felipe S. Managbanag, Ms. Claribel C. Ponferada, Ms. Flor R. Lamo, Mr. Benidicto V. Nuñez, Ms. Rosiana S. Porcare (Alangalang Campus), Mr. Alfredo C. Capatoy (Alangalang Campus), Ms. Mansueta Temporada (Alangalang Campus), Mr. Pacifico B. Cosiñero, Mr. Pancrasio M. Giva, Mr. Carlos R. Montilla (VIllaba Campus), Mr. Fernando T. Abocejo (Posthumous), Mr. Proceso

- F. Boiser (Posthumous), Mr. Patricio I. Pino (Posthumous), and Mr. Gilbert G. Tiempo (Posthumous).
- ⇒ Family of the Year Award was given to Mr. & Mrs. Nelson Landerito
- of ViSCA, and his family visited VSU on the occasion of its 84th Founding Anniversary and his sons, **Dr. Dan N. Bernardo**, Senior Software Engineer of Sun Micro System in Boston, Massachusetts, and **Dr. Rex N. Bernardo**, Professor and Endowed Chair in Corn Breeding and Genetics at the University of Minnesota, conducted separate lectures on "Fault Diagnosis and Management" and "Plant Breeding in Changing Times", respectively, on August 12, 2008 at the ICT Building.
- The Philippine Root Crop Research & Training Center (PhilRootcrops) once again won the 2008 Booth of the Year Award followed by the National Abaca Research Center (NARC) 2<sup>nd</sup> place and the Office of the Provincial Agriculturist (OPA)-Leyte 3<sup>rd</sup> place. The theme of the competition was "Promoting Innovations for Poverty Alleviation and Food Security."
- The 2008 Baybay Agro-Industrial Fair features abaca and banana festival wherein VSU through the National Abaca Research Center (NARC), distributed tissue-cultured banana and abaca planting materials to the participating farmers.

- VSU hosted seminars, trainings, symposium, workshop during the year as follows:
  - ⇒ 17<sup>th</sup> Annual Philippine Biodiversity Symposium of the Wildlife Conservation Society of the Philippines (WCSP) which was held
- on April 14-17, 2008 with the theme "Human Population Density: Impacts on Biodiversity".
- ⇒ DOE-ANEC National Consultation Meeting and Strategic Planning which was held on July 21-25, 2008.



The Philippine Root Crop Research and Training Center (PhilRootcrops) won the 2008 Booth of the Year Award.

# CONDENSED BALANCED SHEET

As of December 31, 2008 (With comparative Figures in 2007)

#### **ASSETS**

CURRENT ASSETS	2008	2007
Cash Receivables: Net Inventories Prepaid Expenses Other Current Assets	83,298,257.94 46,190,583.88 1,188,070.55 20,079.53 68,563.00	51,201,011.18 42,395,050.66 749,216.80 75,552.90 68,563.00
Total Current Assets	130,765,554.90	94,489,394.54
PROPERTY, PLANT & EQUIPMENT		
Property, Plant & Equipment Less: Accum Depreciation	364,268,951.28 200,618,962.17	401,899,282.38 240,490,725.02
	163,649,989.11	161,408,557.36
TOTAL ASSETS	294,415,544.01	255,897,951.90

## LIABILITIES AND EQUITY

#### LIABILITIES

TOTAL LIABILITIES & EQUITY	294,415,544.01	255,897,951.90
Government Equity	204,235,322.41	185,503,281.91
EQUITY	90,180,221.60	70,394,669.99
Current Liabilities Other Liabilities	50,704,047.96 39,476,173.64	37,524,791.94 32,869,878.05

# CONDENSED STATEMENT OF INCOME AND EXPENSES

For the Fiscal Year Ended December 31, 2008 (With comparative Figures in 2007)

		2008	2007
INCOME		335,582,419.04	312,783,959.09
Less:	Expenses		
	Personal Services	225,577,225.39	211,283,049.78
	Maintenance & Other Operating Expenses	94,039,023.10	96,009,970.56
	Financial Expenses	517.87	2,150.00
	Total Expenses	319,616,766.36	307,295,170.34
Excess of	Income Over Expenses	15,965,652.68	5,488,788.75
Add:	Gain on Sale of Assets	3,736.00	
Deduct:	Loss of Asset/Sale of Asset	24,115.53	68,994.01
NET INC	OME	15,945,273.15	5,419,794.74

# AWARDS RECEIVED BY FACULTY AND RESEARCH STAFF

NAME OF AWARD	RECIPIENT	AGENCY	DATE
INTERNATIONAL LEVEL			
2008 Research Excellence Award	Ms. Avril Adrianne B. de Guzman	lowa State University of Science and Technology	May 10, 2008
Humboldt Research Fellow	Dr. Victor B. Asio	Humbold Research Fellowship	March 2008 - Feb. 2009
Norman Borlaug Fellow	Dr. Edgardo E. Tulin	USDA	Dec. 19, 2008
NATIONAL LEVEL			
PARRFI Professional Chair	Dr. Anabella B. Tulin	PARRFI	Dec. 2007 - Nov. 2008
Plaque of Recognition	Dr. Editha G. Cagasan	Graduate School, UPLB	April 25, 2008
1 <sup>st</sup> place – Best Poster	Dr. Victor B. Asio Dr. Roberto C. Guarte Dr. Anabella B. Tulin Mr. Jade James S. Lasquites	PSSST	May 30, 2008
Certificate of Recognition as Semi-finalist – 2008 Metrobank Foundation Search for Outstanding Teacher	Dr. Maria Juliet D. Ceniza	Metrobank Foundation, Inc.	July 11, 2008
50 Great Men and Women of Science (DOST Scholar-Achievers Category)	Dr. Jose L. Bacusmo	DOST	Sept. 10, 2008
AFMA Best R&D Paper Award for Basic Research	Dr. Edgardo E. Tulin et al.	DA-BAR	Oct. 3, 2008
AFMA Best R&D Award – 2 <sup>nd</sup> Runner Up (Basic Research)	Prof. Algerico M. Mariscal et al.	DA-BAR	Oct. 3, 2008
AFMA R&D Paper Award Applied Research Category) - finalist	Dr. Anabella B. Tulin	DA-BAR	Oct. 3, 2008

NAME OF AWARD	RECIPIENT	AGENCY	DATE
AFMA R&D Paper Award (Applied Research Category) - finalist	Dr. Julieta R. Roa et al.	DA-BAR	Oct. 3, 2008
AFMA R&D Paper Award (Applied Research Category) - finalist	Dr. Roberta D. Lauzon Prof. Obdulia G. Camoying	DA-BAR	Oct. 3, 2008
AFMA R&D Paper Award (Socio Economics Research Category) - finalist	Dr. Belita A. Vega Dr. Lilibeth G. Miralles	DA-BAR	Oct. 3, 2008
UPLB Outstanding Alumna for Development Communication	Dr. Wolfreda T. Alesna	UPLB	Oct. 9, 2008
UPLBAA Distinguished UPLB Alumni Award	Dr. Julieta R. Roa	UPLB	Oct. 9, 2008
2008 National <i>Pantas</i> Award (Researcher/ Scientist Category)	Dr. Edgardo E. Tulin	PCARRD/DOST	Nov. 7, 2008
Professional Media Award (Broadcast Category)	Prof. Christina A. Gabrillo	PCARRD	Nov. 7, 2008
1 <sup>st</sup> place – Outstanding Research Paper	Dr. Edgardo E. Tulin	PCARRD	Nov. 7, 2008
REGIONAL LEVEL			
Outstanding R&D Project Award (Basic Research Category)	Dr. Edgardo E. Tulin	VICARP- RRDEN A/F	June 18, 2008
Outstanding R&D Project Award (Applied Research Category)	Engr. Alan B. Loreto Mr. Dale P. Loreto Mr. Enrique B. Abogadie	VICARP- RRDEN A/F	June 18, 2008
Outstanding Research Project Award (Development Project Category)	Dr. Julieta R. Roa Dr. Felix J. Amestoso Engr. Alan B. Loreto	VICARP- RRDEN A/F	June 18, 2008
Best Paper Award (Applied Research Category)	Dr. Roberta D. Lauzon Prof. Obdulia G. Camoying	VICARP- RRDEN A/F	June 18, 2008
1 <sup>st</sup> place – Best Poster Award	Dr. Erlinda A. Vasquez Dr. Dietmar Schmidt	VICARP- RRDEN A/F	June 18, 2008
2 <sup>nd</sup> place – Best Poster Award	Dr. Roberto C. Guarte Dr. Marilyn M. Belarmino Prof. Flora Mia Y. Duatin	VICARP- RRDEN A/F	June 18, 2008

NAME OF AWARD	RECIPIENT	AGENCY	DATE
3 <sup>rd</sup> place – Best Poster Award	Dr. Roberto C. Guarte Dr. Andresito D. Acabal, et al.	VICARP- RRDEN A/F	June 18, 2008
4th place – Best Poster Award	Dr. Paciencia P. Milan Prof. Senona A. Cesar Ms. Eliza D. Espinosa Mr. David N. Cosmiano	VICARP- RRDEN A/F	June 18, 2008
Most Outstanding R & D Paper in Fisheries	Dr. Humberto R. Montes, Jr. Prof. Senona A. Cesar Ms. Analyn M.Mazo Ms. Eliza D. Espinoza	Samar State University College of Fisheries and Marine Sciences	Nov. 12-14, 2008
<sup>3rd</sup> place – R&D Best Paper in Fisheries	Dr. Roberta D. Lauzon Prof. Obdulia G. Camoying Ms. Riza S. Ruiz Ms. Naomi G. Petronio	Samar State University College of Fisheries and Marine Sciences	Nov. 12-14, 2008
INSTITUTIONAL LEVEL			
Keeper of Service Award * Student Organization Advisers	Dr. Lemuel M. Diamante Prof. Rosa Ophelia D. Velarde Prof. Jude Nonie A. Sales	USSO-VSU	Feb. 21, 2008
ength of Service Award Dormitory Advisers	Ms. Chona A. Brit Ms. Mary Jean M. Sapan Ms. Ma. Hazel I. Bellezas Mr. Vicente A. Gilos Mr. Discoro M. Bolatete, Jr. Ms. Fe L. Limsiaco	USSO-VSU	Feb. 21, 2008
Plaque of Recognition - thesis adviser	Dr. Rotacio S. Gravoso	Dev. Com Alumni Asso	March 2008
st and 2 <sup>nd</sup> places – Best Paper Award (Basic Research Category)	Dr. Edgardo E. Tulin	VSU-RRDEN	May 5, 2008
ord place – Best Paper Award (Basic Research Category)	Prof. Luz O. Moreno	VSU-RRDEN	May 5, 2008
st place – Best Paper ward (Applied Research Category)	Dr. Anabella B. Tulin	VSU-RRDEN	May 5, 2008
<sup>nd</sup> place – Best Paper ward (Applied Research Category)	Dr. Roberta D. Lauzon Prof. Obdulla G. Camoying Ms. Naomi G. Petronio	VSU-RRDEN	May 5, 2008

NAME OF AWARD	RECIPIENT	AGENCY	DATE
3 <sup>rd</sup> place – Best Paper Award (Applied Research Category)	Prof. Alan B. Loreto	VSU-RRDEN	May 5, 2008
1 <sup>st</sup> place – Best Paper Award (Development Research Category)	Dr. Julieta R. Roa et al.	VSU-RRDEN	May 5, 2008
2 <sup>nd</sup> place – Best Paper Award (Development Research Category)	Dr. Beverlo P. Pascual	VSU-RRDEN	May 5, 2008
3 <sup>rd</sup> place – Best Paper Award (Development Research Category)	Dr. Zosimo M. de la Rosa et al.	VSU-RRDEN	May 5, 2008
Outstanding Achiever in Education	Dr. Pablo B. Pedrera	Alangalang LGU and Alangalang Outstanding Achievers Foundation	Nov. 15, 2008
Achiever for Education	Dr. Marichu M. Padayao	Alangalang LGU and Alangalang Outstanding Achievers Foundation	Nov. 15, 2008

# Publications Authored/ Co-Authored by Faculty Members & Researchers

AUTHOR	TITLE	WHERE PUBLISHED
Alviola, U.B. and E.G. Cagasan. 2008	Appropriation of Information and Communication Technologies by Farmers and Extension Workers in Borongan, Eastern Samar	Annals of Tropical Research, 30 (1):
Baynes, J. and N.O. Gregorio. 2008	'Nursery Training for Smallholders: An Evaluation of Two Extension Programs in the Philippines	Small-scale Forestry Journal
Cagasan, E.G., et.al., 2008	Constructs of "Development" Among CDC Faculty and Student Research Studies	The Phil. Journal of Dev. Comm., 1 (1):37-74
De la Cruz, M.T. and S.A. Cesar. 2008	Eastern Visayas Marine Protected Areas.	In: Aliño P. M. and Geronimo R. C. reefs Through Time 2008: Initiating the State of the Coasts Reports. Coral Reef Information Network of the Philippines (PhilReefs 4th Series), MPA Support Network, Marine Environment and Resources Foundation, Inc. and the Marine Science Institute, U. P., Diliman, Q. C. pp. 79-83
Harrison, S.R., E. Cedamon, J.L. Herbohn, N.O. Gregorio, and E.O. Mangaoang. 2008	Compiling Market and other Financial Data on Smallholder Forestry in Leyte, the Philippines	Proceedings for the International Workshop on Figures for Forests, Nov. 24-26, 2008, Freiburg, Germany
Harrison, S. R., N.O. Gregorio, and J.L. Herbohn. 2008	A Critical Overview of Forestry seedling Production Policies and Practices in Relation to Smallholder Forestry in Developing Countries	Small-scale Forestry Journal

AUTHOR	TITLE	WHERE PUBLISHED
Harrison, S. R., N.O. Gregorio, J.L. Herbohn, and J. Mercado. 2008	Seedling Production Systems for Smallholder Forestry Development.	In: Small-scale Rural Forest Use and Management Global Policies Versus Local Knowledge (G. Buttoud, ed.) Proceedings from the June 2008 IUFRO 3.08 Conference in Gerardmer, France
Harrison, S. R., N.O. Gregorio, J.L. Herbohn, and P. Dargusch. 2008	Designing and Implementing Best Management Practices in Smallholder Forestry Nurseries	In: Tropical Forestry Change in Changing World. Proceedings from FORTROP II International Conference, Nov. 17-20, 2008, Bangkok, Thailand
Huan, N.H., H.V. Chien, P.V. Quynh, P.S. Tan, P.V. Du, M.M. Escalada, and K. L. Heong. 2008.	Motivating Rice Farmers in the Mekong Delta to Modify Pest Management and Related Practices through Mass Media	International Journal for Pest Management
Heong, K.L., M.M. Escalada, N.H. Huan, V.H. Ky Ba, P.V. Quyn, L.V. Thiet, and H.V. Chien. 2008	Entertainment-Education and Rice Pest Management: A Radio Soap Opera in Vietnam	Crop Protection, Crop Protection, 27:1392-1397
Godoy, J. V. and R. S. Gravoso. 2008	Design and Implementation of a Learning Innovation for Art-Risk Learners: A Classroom Study	The Asia-Pacific Education Research, 17 (2): 173-189
Gravoso, R. S., A. E. Pasa, J. B. Labra, and T. Mori. 2008	Design and Use of Instructional Materials for Student-Centered Learning: The Case of Learning Ecological Concepts	The Asia-Pacific Education Research, 17 (1): 109-120
Gregorio, N. O., S.R. Harrison, J. L. Herbohn. 2008	Enhancing Tree Seedling Supply to Smallholders in Leyte Province, Philippines: An Evaluation of the Production System of the Government Nursery Sector and support to Smallholder Tree Farmers	Agroforestry Systems Journal
Gregorio, N. O., S. R.Harrison, J. L. Herbohn & C. Smith,, 2008	"A Bayesian Belief Model to Improve the Operational Effectiveness of the Forest Nursery Sector in Leyte, Philippines	Agroforestry Systems Journal

AUTHOR	TITLE	WHERE PUBLISHED
Jocson, T. C. and E. Y. Costim. 2008	The Effect of Some Physico-Chemical Properties of Daguitan Marsh on the Population Density and Size of the Asian Clam (Corbicula sp)	In: The Book of Abstracts, 3 <sup>rd</sup> Fisheries R & D Congress in Eastern Visayas and 1 <sup>st</sup> Visayas Cluster Conference of the Philippine Society of Lactic Acid Bacteria (PSLAB), Inc.
Langenberger, G., V. Prigge, K. Martin, B. S. Belonias, and J. Sauerborn. 2008	Ethnobotanical Knowledge of Philippine Lowland Farmers and Its Application in Agroforestry.	Agroforestry Systems. Published online by Springer Netherlands: Nov. 13, 2008
Montes, H. R. Jr., C. F. Pobre and A. O. Lluisma. 2008	Phylogenetic Affiliation of the "Endong"/ "Spaghetti" Variety Eucheuma as Revealed by Molecular Data	Phil. Ag. Scientist 9 (1): 86-93
Nuñez, T. C. 2007 (released in 2008)	Comparative Suitability of Two Culture Media to the in vitro Growth of Embryos of Three Coconut Types	Annals of Tropical Research, 30 (2)
Nuñez, T. C. and E. T. Ocoy. 2008	Polyembryony in Philippine Makapuno (Cocos nucifera L.) Hybrids	Cord, 24 (2)
Piamonte, R. A. and R. S. Gravoso. 2008	Coverage of Climate Change Risks in Leading Philippine Newspapers	Annals for Tropical Research, 30 (1): 125-136
Ruiz, R. S., N. M. Petronio, O. G. Camoying, and R. D. Lauzon. 2008	Effects of Shrimphead and Swamp Cabbage Levels on the Quality and Acceptability of Patties	In: The Book of Abstracts, 3 <sup>rd</sup> Fisheries R & D Congress in Eastern Visayas and 1 <sup>st</sup> Visayas Cluster Conference of the Philippine Society of Lactic Acid Bacteria (PSLAB), Inc.
Salas, R. A. 2008	Response of Indonesian Chili Pepper Varieties to Irrigation Methods in Southern Taiwan	ASHS (American Society of Hort. Sci.) Abstract Proceedings Hort. Sci. 43:4
/ega, Belita A. and G. Miralles. 2008	Socio-economic Impact, Spatial and Temporal Diffusion and Extension Strategies of Agricultural Technologies Generated and Extended by HEIs in Region VIII	Research Highlights 2008. BAR, Quezon City, Phil

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