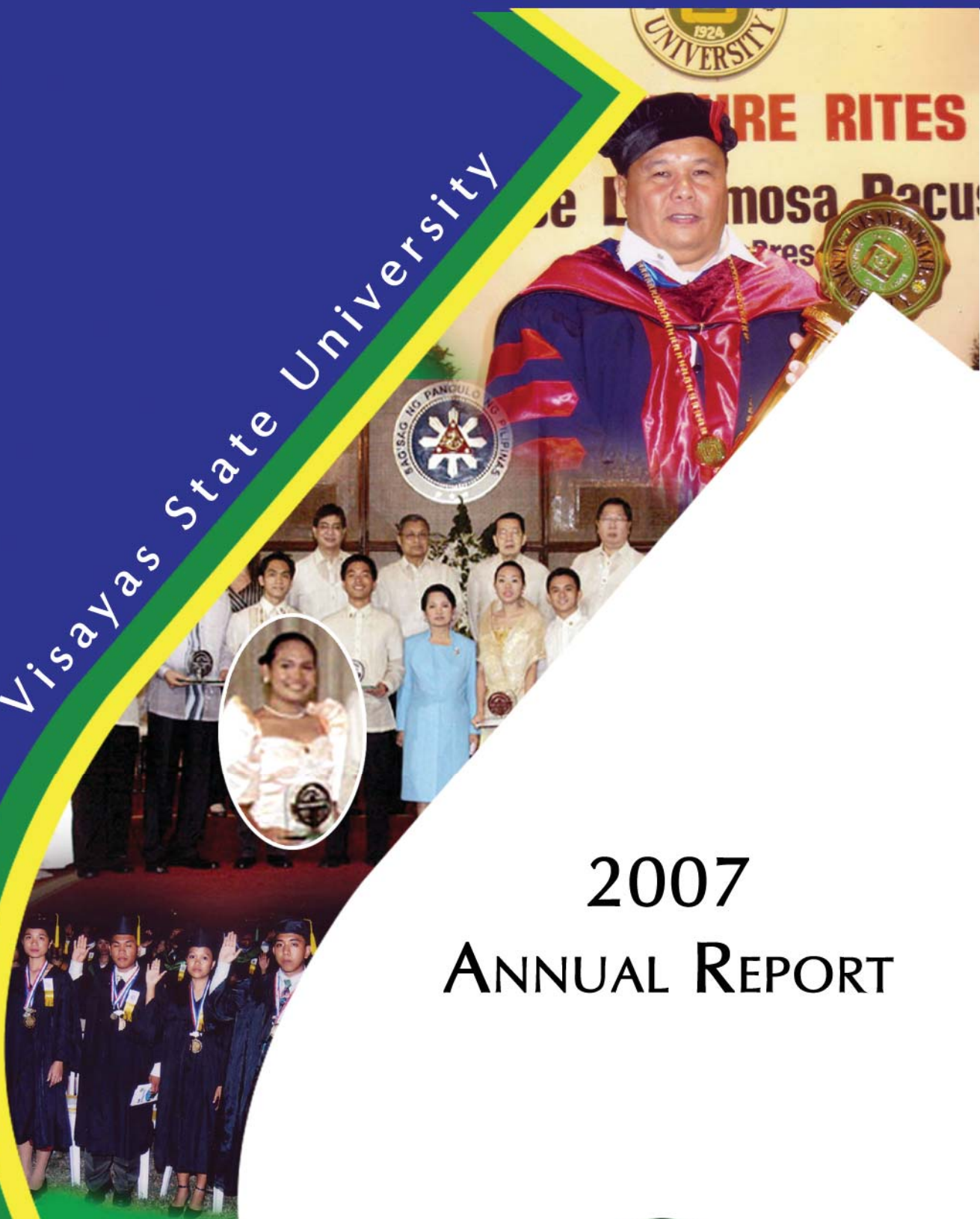


Visayas State University



2007 ANNUAL REPORT



Baybay City, Leyte, Philippines

Vision

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

PANGLANTAW

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

Mission

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

KATUYOAN

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

Visayas State University

6521 Visca, Baybay City, Leyte, Philippines



Office of the President

20 May 2008

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

Through: ***Dr. Nona S. Ricafort***
Chairman, Board of Regents
Visayas State University

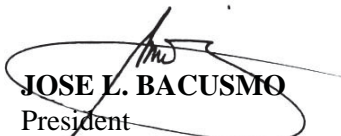
Madam:

May I have the honor to submit the Annual Report of the Visayas State University (VSU) for CY 2007.

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 VSU's growth, thus enabling the university to carry out its role in support of national development.

Very truly yours,


JOSE L. BACUSMO
President

F O R E W O R D

The year 2007 has been a fruitful and glorifying year for the Visayas State University. It has a very strong reason to boldly proclaim such feat because of the following: In **Instruction**, Agriculture as its flagship program has been ably maintained for having produced a graduate who obtained the highest rating in the licensure examination for agriculturists and for achieving a one hundred percent passing in the licensure examination for agricultural engineers.



Moreover, some curricular programs were keenly reviewed in order to be relevant to the current demands of hiring companies and industries in the country and abroad. In **Research and Development**, on the other hand, the university allocated more than seven million pesos budget for its major research commodities, like rootcrops, vegetables, and abaca. It also was able to source out more than fourteen million pesos from external and national funding agencies to finance university researches. Likewise, it continued to produce recommended coconut varieties and abaca accessions for adoption by farmers and other interested entities in local and international communities. In **Extension**, the university highly manifested its strong bias towards protecting our environment and strengthening the means of livelihood of farmers by showcasing rainforestation farming technologies, establishing seedpiece nurseries and cassava technology, and distributing planting materials to the target beneficiaries.

To cap it all, the university, through the undaunted commitment and cooperation of its constituents: students, faculty members, researchers, extensionists, and administrative staff, reaped numerous awards and recognitions during the year as given by national and international organizations. This is a preponderant proof that the Visayas State University has continued to enhance and profess the culture of excellence and quality education amidst the blending of technical competencies with artistic sensitivity of its staff or constituents to fulfill the institutional vision, mission, goals and objectives.


JOSE L. BACUSMO
President

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Highlights



Visayas State University (VSU) celebrated its 83rd year anniversary as an institution of higher learning. Even with the emphasis on agriculture as its flagship program, it has expanded its curricular programs to science and technology. The new fields of studies added in the last two years were Hotel, Restaurant and Tourism Management (HRTM), Health Care and Biotechnology.

The R&D programs of the university addressed poverty alleviation through agri-industrial innovations. To fulfill its mission, VSU aggressively sought for resources to fund its research and development programs and forged new linkages with local, national and foreign institutions and agencies.

On November 1, 2007, Dr. Jose L. Bacusmo assumed the leadership as the new University President succeeding Dr. Paciencia P. Milan whose term ended on September 30, 2007. On the President's Page (<http://www.lsu-visca.edu.ph>), the new President enumerated his plans for the next four years.

INSTRUCTION

COLLEGES. The University system is composed of ten (10) colleges situated in five strategic locations in Leyte. Six colleges are located in the Main Campus in Baybay City, as follows: College of Agriculture, College of Arts and Sciences, College of Engineering and Agri-Industries, College of Education, College of Forestry and Natural Resources, and College of Veterinary Medicine. The College of Environmental and Agricultural Technology is located in the Alangalang Campus; the College of Agri-Industrial Technology in the Isabel Campus; the College of Fisheries in the Tolosa Campus; and the College of Education and Agricultural Technology in the Villaba Campus. The Graduate School at the Main Campus operates graduate instruction.

ENROLMENT. A total of 6,013 students enrolled in the VSU system which is composed of the Main Campus in Baybay City, Leyte, and the external campuses in Alangalang, Isabel, Tolosa and Villaba, Leyte.

NEW CURRICULAR OFFERINGS. The Master of Education with majors in Chemistry, Biology, and English was implemented starting June 2007. Undergraduate degree programs for Nursing (BS Nursing) and Biotechnology (BS Biotechnology) were also implemented. A new program for re-tooling mature

learners was adopted by offering a six-month Medical Transcription course.

PROFESSIONAL LICENSURE EXAMINATIONS. Graduates who took the 2007 PRC Licensure Examination given by the Board of Agricultural Engineering achieved a 100% passing rate. A graduate in Agriculture copped the number one rank of the PRC Licensure Examination given by the Board of Agriculture. Agricultural Engineering, Forestry and Agriculture programs of VSU are recognized by CHED as Centers of Excellence.

RESEARCH AND DEVELOPMENT

UNIVERSITY R&D BUDGET ALLOCATION. The University allocated Php7,653,037.00 primarily for rootcrops, abaca and coconut commodities. Vegetables, cereals, livestock and other R & D concerns were also given attention by the University.

EXTERNAL FUND SOURCES.

R & D funds from external sources totaled Php14,974,541.20, of which Php9,882,135.60 came from the international sources and Php4,707,405.60 from the national government agencies.

RECOMMENDED VARIETIES. The National Seed Industry Council approved the released of PhilRootcrops developed varieties of cassava (NSIC Cv-42, NSIC Cv-43, NSIC Cv-44 and NSIC Cv-45), ubi varieties (NSIC Vu-7 and NSIC Vu-48) and a gabi variety (NSIC G-10).

The National Abaca Research Center identified four (4) abaca accessions that showed resistance to bunchy-top disease. These were M26 (Tetraploid #3), M140 (Baunan #2), M174 (Javaque #2) and M231 (GOA-x) and they had been exposed to high disease areas for three years.

PROCESSED FOOD PRODUCTS AND BEVERAGES. Purple wine with low alcohol and high anthocyanin content was developed from purple flesh rootcrops (yam, taro and sweetpotato) plus glutinous purple rice. The Department of Food Science and Technology developed and marketed vacuum fried jackfruit labeled as Baybay Delights. Using ripe jackfruit as raw material, the consumer is ensured

of high beta-carotene and ascorbic acid, and the product still has its natural jackfruit aroma and sweetness.

PILOT MARKETING OF PLANT OIL STOVE. The Plant Oil Technology Center had initiated the pilot marketing of its novel invention, the Plant Oil Stove or Protos, which uses oil extracted from any oilseed plant (e.g. coconut). An environment-friendly technology, it uses renewable source of energy. The stove has CO₂ neutral emission, high power and safe to use.

VSU - MAIN CAMPUS GRADUATES' PROFILE. A completed CHED funded research on profile of the graduates of the LSU-Main Campus covering 2001 – 2004 period revealed that a majority of them came from the province of Leyte. Of the 314 graduates surveyed, about 70% were either gainfully or self-employed, and 26.4% were not employed but had previous work experience. The employment rate by degree program varied, but graduates of BS Ag. Chemistry, BS Statistics, and BS Development Communication topped in terms of employability. Factors influencing the graduates' employability were communication and human relation skills, recommendation from known personalities, and residency.

EXTENSION

The College of Forestry and Natural Resources and the Institute of Tropical Ecology established Techno demo farms to showcase the technologies of rainforestation farming in St. Bernard, Southern Leyte and in some parts of Negros provinces.

The National Abaca Research Center assisted farmers in strengthening farmer-managed abaca nurseries; and the PhilRootcrops established rootcrop seedpiece nurseries and the cassava technology village in Bato, Leyte.

Extension activities of university faculty included technology and information

caravans, agro-industrial fairs and exhibits, garden shows, publication and distribution of reading and communication materials such as pamphlets, leaflets, brochures, technoguides, and handouts on rice, corn, coconut and abaca. Distribution of planting materials such as seeds (rice, corn peanut, vegetables), cuttings (rootcrops), seedpieces or plantlets of abaca, banana, fruit trees,

rootcrops, pineapple and blackpepper was done. Operation of abaca processing machines such as the stripping, twisting and twining machines was demonstrated to prospective buyers and users.

Through the PANGUAPA program of the ISRDS, the barangay council of Guadalupe in Baybay, Leyte was empowered by learning the Community-based Management Systems (CBMS). The CBMS is a tool for the barangay council to align its development plans based on the pressing needs and problems of the community.

The National Abaca Research Center (NARC) inspected one hundred three

(103) abaca-growing plantations in Leyte suspected to be infected by the Abaca Bunchy Top Virus (ABTV). Of this, 68 barangays were found positive for ABTV. To backstop the drive to control the spread of the abaca bunchy top disease, the center distributed 500 flyers and 50 CDs on disease control and management. To reinforce the IEC materials, four technical demonstrations on handling of chemicals to control the virus and rouging were conducted. Of the total number of farmers whose plantations were affected with ABTV, 31.43% (1,534) are now implementing disease eradication measures.

RECOGNITION AND AWARDS

For its excellence in teaching and research in Agriculture and Education, the university was accorded Level III Re-accredited status by AACUP. Consequently, VSU received an Award of Merit for being the only state university in Region 8 and as one among the 10 SUCs in the country that had reached Level III Re-accredited status. The accredited programs are the master's degrees in Agriculture and Education and the Bachelor's degrees in Secondary Education, Elementary Education, Agriculture, and Animal Science.

For implementing the Comprehensive Food Technology Extension Program for Households and Entrepreneurs, the Department of Food Science and Technology (DFST), under the leadership of Dr. Lutgarda S. Palomar, received a Certificate of Recognition from the Department of Trade and Industry (DTI) and the Small and Medium Enterprise Development (SMED) Council. The DFST was a National Finalist for the competition on the Best Practice Award for Productivity and Efficiency.

The Institute of Tropical Ecology (ITE) received a plaque and cash awards from the Commission on Higher Education as the regional winner of the 2006 CHED Best HEI Research Program Award. The awarded research program entitled "Rainforestation Farming: Alternative for Biodiversity

Conservation and Forest Restoration" was led by Dr. Paciencia P. Milan.

The VSU ROTC Unit was awarded as the Best ROTC Unit of Region VIII during the 2007 Regional Annual Administrative and Performance Evaluation (RAAPE). VSU was the number one among the 1st category ROTC units in Region 8 with a rating of 95.5%.

In the 2007 PRC Licensure Examination for Agriculturist given by the Board of Agriculture, Mr. Marco J. Aragon (BS Agriculture, major in Soil Science) topped the examination. Also, in recognition of student's scholastic and co-curricular performance, Ms. Cherrie D. Atilano (BS Agriculture, major in Horticulture) was chosen as one of the 2007 Ten Outstanding Students of the Philippines.

Instruction



**28th
HONORS
CONVOCATION**
Speakers



CURRICULAR OFFERINGS

Graduate Programs

- ♦ The Master of Education program was implemented in June 2007 per BOR Res. No. 10, s. 2007. Students enrolled can opt to major in either Chemistry, Biology, or English.
- ♦ The Master of Management program, with majors in Agribusiness and Business Management, was approved by the VSU Board of Regents for implementation (BOR Res. No 79 s. 2007).

Undergraduate Programs

VSU Main Campus offered the following courses effective 1st semester of SY 2007-2008:

- ♦ BS in Nursing (Ladderized Program) per BOR Res. No. 11, s. 2007.

- ♦ BS in Biotechnology per BOR Res. No. 77, s. 2006.

Non-degree Programs

- ♦ Welding Competency was approved for incorporation in the BS in Agricultural Engineering (BSAE) program per BOR Res. No. 52 s. 2007 and the offering of short training courses in welding for out-of-school youths.
- ♦ Medical Transcription course was offered in the VSU Main effective March 26, 2007. The six-month course was designed to develop basic knowledge, desirable attitude and skills in medical transcription as well as train students to transcribe audio files with 95-100% accuracy, and accomplish a line count of 350 lines per day.

CURRICULUM DEVELOPMENT

Graduate Programs

- ♦ Change of program title from MS Rural Sociology to MS Development Sociology with corresponding change of course nomenclatures was approved per BOR Res. No. 12 s. 2007.

Undergraduate Programs

- ♦ New Biology and Chemistry courses were instituted and the pre-requisite courses in support of the revised Bachelor of Secondary Education curriculum were modified.

- ♦ The BS in Biotechnology program was offered effective 1st Semester of SY 2007-2008 per BOR Res. No. 77 s. 2006.
- ♦ The existing Bachelor of Elementary Education (BEEd) and the Bachelor of Secondary Education (BSEd) programs were revised pursuant to CHED Memo Order No. 30, series of 2004.
- ♦ The credit unit of Basic Nursing Skills Laboratory (Nurs 102) was increased from 1 unit to 2 units.

ENROLMENT PROFILE

During the 1st semester of school year 2007–2008, the VSU system had a total enrolment of 6,013 students, broken down as follows:

- ♦ The VSU Main Campus registered a total enrolment of 3,928 which comprised 163 graduate students (10 PhD and 144 MS/MAgDev) and 3,765 undergraduate students. The top three undergraduate degree programs in terms of enrolment were BS in Hotel, Restaurant and Tourism Management – 775; Bachelor of

Elementary Education – 408; and BS in Agribusiness – 321 (Table 1).

- ♦ The four VSU satellite campuses recorded a total enrolment of 1,575, as follows: Alangalang campus – 331; Isabel campus – 776; Tolosa campus – 220; and Villaba campus – 248.
- ♦ The VSU Laboratory High School at the main campus chalked up a total enrolment of 510, of which 220 were males and 290 were females.

Graduates

The VSU Main Campus turned out 624 graduates during the 54th Collegiate Commencement Exercises, which included 21 from the graduate programs (14 MS and 7 MAgDev); 582 from the undergraduate programs (161 BEEd, 46 BSEd, 1 BSAgEd, 26 BSHE, 10 BSDC, 1 BSAgDev, 19 DVM, 52 BAS, 65 BSA, 93 BSAB, 6 BSCS, 8 BSAE, 25 BSFT, 2 BSAC, 7 BSChem, 32 BSBio, 7 BSS, 20 BSF); and 21 from the undergraduate diploma programs.

The VSU's external campuses had the following number of graduates: 118 - Alangalang Campus (60 BEEd, 13 BSEM, 18 BAT, 27 DAT); 65 – Villaba Campus (43 BEEd, 20 BSA, 2 BSEd); 179 – Isabel Campus (44 BEED, 18 BSIT, 11 BSEd, 8 BSIE, 2 BSAB, 58 DTTE, 38 ACT); 27 – Tolosa Campus (17 BSFi, 9 BEEd, 1 BSEd).

Of the 110 high school graduates who received their diplomas during the VSULHS 77th Commencement Exercises, 40 earned the following distinction: 6 - With High Honors and 34 – With Honors.

Performance of Graduates in the Licensure Examinations

The passing rates of VSU graduates who took the professional licensure examinations given by the Boards of Agricultural Engineering, Agriculture, Veterinary Medicine, Education (Elementary and Secondary Education programs) were above the national passing percentages (Table 2.)

Table 1. VSU Main Campus student enrolment by degree, First Semester, SY 2006-2007 and SY 2007-2008.

COURSE	1 st Semester 2006-2007	1 st Semester 2007-2008
GRADUATE		
Ph. D.	11	19
M. S.	92	79
M. Ag. Dev.*	40	44
M. Ed.	0	21
SUB-TOTAL	143	163
UNDERGRADUATE		
Doctor of Veterinary Medicine (DVM)	236	206
BS in Agricultural Engineering (BSAE)	75	75
BS in Geodetic & Geomatics Engineering (BSGGE)	72	81
Bachelor of Animal Science (BAS)	245	250
BS in Agriculture (BSA)	311	262
BS in Agribusiness (BSAB)	373	321
BS in Agricultural Chemistry (BSAC)	4	8
BS in Chemistry (BSC)	84	89
BS in Agricultural Development (BSAgDev)	33	18
BS in Agricultural Education (BSAgED)	1	3
BS in Development Communication (BSDC)	123	124
BS in Food Technology (BSFT)	185	232
BS in Forestry (BSF)	71	58
BS in Home Economics (BSHE)	65	40
BS in Statistics (BSS)	58	56
BS in Biology (BSBio)	121	106
BS in Computer Science (BSCS)	162	230
Bachelor of Secondary Education (BSEd)	186	178
Bachelor of Elementary Education (BEEd)	521	408
BS in Hotel, Restaurant & Tourism Management (BSHRTM)	538	775
BS in Development Education (BSDE)	27	53
BS in Economics (BSEcon)	12	21
BS in Biotechnology (BS Biotech)	-	8
BS Nursing (Ladderized)	-	163
SUB-TOTAL	3,503	3,765
SECONDARY	497	
GRAND TOTAL	4,143	3,928

* Open University and Saturday classes enrolment are included.

Table 2. Passing rate and number of topnotchers in professional licensure examination.

EXAMINATION	DATE OF EXAMINATION	TOP 10 RANK	INSTITUTIONAL PASSING PERCENTAGE	NATIONAL PASSING PERCENTAGE
Agricultural Engineers	Aug. 17-29, 2007		100.00	44.40
Agriculturists	July 4-6, 2007	1 st placer	59.00	34.00
Chemists	Sept. 4-5, 2007		16.66	43.00
Foresters	July 9-12, 2007		28.00	39.48
Veterinarians	Aug. 1-3, 2007		40.00	35.30
Teachers	Aug. 26, 2007			
Elementary			70.63	27.54
Secondary			69.69	29.12

PERFORMANCE OF STUDENTS

Honors and Awards

During the 54th Collegiate Commencement Exercises of the VSU Main Campus on April 2, 2007, 42 graduated with Latin honors (9 *magna cum laude* and 33 *cum laude*). Medals and special awards were given to the following honor graduates:

- ♦ Hannah Gay S. Castello, Bachelor of Elementary Education (BEED), *magna cum laude* – LSU Presidential Award of Academic Excellence, Sen. Pia Sebastian Cayetano Award of Excellence in the College of Education, Congresswoman Carmen L. Cari Academic Excellence Award, and Loyola Award of Academic Excellence.
- ♦ Cherrie D. Atilano, BS in Agriculture (BSA), *magna cum laude* – Sen. Manuel B. Villar, Jr. Excellence Award in the College of Agriculture, Gov. Carlos Jericho L. Petilla Award for Most Outstanding Student, Congresswoman Carmen L. Cari Academic Excellence Award, Gov. Joseph G. Marañon Award of Excellence, Breeders Award of Excellence, and Loyola Award of Academic Excellence.
- ♦ Angelo Jay M. Noriel, BS in Agriculture (BSA) and Manuel D. Gacutan, Jr., Bachelor of Animal Science (BAS) - both *magna cum laude* and each received the Breeders Award of Excellence.
- ♦ Garry Boy A. Benico, BS Biology (BS Bio), *magna cum laude* – Sen. Jamby Madrigal Award of Excellence in the College of Arts and Sciences and Congresswoman Carmen L. Cari Academic Excellence Award.
- ♦ Lengie M. Villamor, BS in Agriculture (BSA), *magna cum laude* – Breeders Award of Excellence.
- ♦ Eusebio R. Lina, Jr., Bachelor of Secondary Education (BSEd), Chona Mai T. Cabalhin, Bachelor of Elementary Education (BEEd),

Swertilla G. Dacera, Bachelor of Elementary Education (BEEd), all *magna cum laude*.

- ♦ Marlon B. Mascariñas, Bachelor of Animal Science (BAS), *cum laude* - Breeders Award of Excellence.
- ♦ Elizaldy A. Maboloc, BS Biology (BSBio), *cum laude* – Phi Delta Outstanding Undergraduate Thesis Award – Environmental Sciences Category.
- ♦ Genie Leen M. Velarde, BS Development Communication (BSDC), *cum laude* - Phi Delta Outstanding Undergraduate Thesis Award – Social Sciences Category.
- ♦ Angelita L. Paradero, BS Agribusiness (BSAB), *cum laude* – Vice President Noli de Castro Award of Excellence in the College of Engineering and Agri-Industries, Congresswoman Carmen L. Cari Academic Excellence Award, and Gov. Joseph G. Marañon Award of Excellence.
- ♦ Ivy M. Modina, BS Agriculture (BSA), *cum laude* - Breeders Award of Excellence and Phi Delta Outstanding Undergraduate Thesis Award – Pure Life Sciences Category.
- ♦ Zyra May B. Homes, BS Agriculture and Jonas M. Sudaria, Bachelor of Animal Science (BAS), both *cum laude* and each received the Breeders Award of Excellence.
- ♦ Nolan Federico T. Monserate, BS Biology; Anecita G. Banaston,

Bachelor of Elementary Education (BEEd); Honeylene G. Valenzona, BS Biology (BS Bio); Adelpa N. Ballacar, Bachelor of Elementary Education (BEEd); Marife G. Gonato, BS Biology (BS Bio); Premalyn S. Bulfa, Bachelor of Elementary Education (BEEd); Ari G. Belmonte, Bachelor of Elementary Education (BEEd); Rafael Junnar P. Dumalan, BS Biology (BS Bio); Thelma G. Diano, Bachelor of Secondary Education (BSEd); Remmer L. Salas, Bachelor of Secondary Education (BSEd); Rialeza S. Andrin, Bachelor of Elementary Education (BEEd); Gino Alberto A. Fragoso, Bachelor of Elementary Education (BEEd); Ulderico B. Alviola, BS Development Communication (BSDC); Lea D. Erbito, Bachelor of Elementary Education (BEEd); Eunice Kenée A. Labonite, BS Biology (BS Bio); Rovelyn P. Saga, Bachelor of Elementary Education (BEEd); Leny L. Lamadora, Bachelor of Elementary Education (BEEd); Florosa Palaran, Bachelor of Secondary Education (BSEd); Rowena B. Lenguaje, Bachelor of Elementary Education (BEEd); Angelyn C. Mangabon, Bachelor of Elementary Education (BEEd); Cindy S. Cotillas, Bachelor of Elementary Education (BEEd); Russel J. Rallos, Bachelor of Elementary Education (BEEd); Helen T. Gabas, Bachelor of Elementary Education (BEEd); Erma Joy S. Bagarinao, Bachelor of Elementary Education (BEEd); Emie D. Corpez, Bachelor of Secondary Education (BSEd); Jesrelljane J. Aaron, BS Biology (BS Bio) – all *cum laude*.

STUDENTS' ACHIEVEMENTS

VSU delegates to the 23rd SCUAA Regional Meet 2007 held on October 21-26, 2007 at the Tiburcio Tancinco Memorial Institute of Science and Technology (TTMIST) in Calbayog City won a silver medal in the soccer football men and bronze medals in the women's lawn tennis and sepak takraw men, respectively. In the individual events, Ms. Jackielou Asis got the gold medals in 200 and 400-meter dash women and Ms. Carhene Alesna won a silver medal in taekwondo women's flyweight division. Ma. Kristine D. Ortega, a third year BSHRTM student and the reigning

Miss VSU 2007, was crowned Miss SCUAA 2007.

Mr. Marjohn C. Niño and Ms. Laddie Ann G. Palermo were awarded a one-year JASSO Scholarship in Japan under the STEP@TUAT Program.

Other awards received by students included outstanding performance certificate as exchange program scholars at Zhejiang Gongshang University, China; in various literary-cultural-academic contests; and in undergraduate research competition (Table 3).

STUDENT WELFARE AND DEVELOPMENT

Scholarships and Financial Assistance

VSU Main Campus – 21 graduate students enjoyed scholarships/grants from CHED-HEDP-FDP – 9; PCARRD – 5; SPREAD – 2; VSU Staff Development – 2; USEP Faculty Development Program – 1; NOSCA Staff Development Program – 1; Seventh Day Adventist (Bursary from the Southern Asia-Pacific Division); and VSU Graduate Teaching/Research Assistantships – 12 (GTA – 9 and GRA – 3).

A total of 626 undergraduate students enjoyed scholarships/grants: 231 – VSU scholarships and 395 – VSU grants-in-aid, and 192 funded by other agencies (CSSGPCD – 50, *Pagkaon* – 48, DOST-SEI – 41, City Gov't of Ormoc – 9, VSU Alumni Association – 5, VISCCO – 5, PDMASP – 4, 3 each from Panasonic, PARRFI, San Isidro Labrador, Cong. Carmen L. Cari, 2 each from An WARAY Partylist, CHED-NSP, CHED RSP, CHED-SSP, PCAFD, TWU (PNOC), UCPB-CIIF,

and 1 each from WSSP, VGAA, AVE, Manuel-Cresencia Loreto Clan.

Twelve (12) VSU ROTC cadets who passed the 2007 Philippine Army Advance ROTC Entrance Examination (PAAREE) were granted the Philippine Army Advance ROTC Incentive Allowance.

One hundred fifteen (115) high school students enjoyed VSU academic scholarships: Full – 6, Partial – 80, and Honorific – 29, and 46 enjoyed non-academic scholarship as Band Members.

External Campuses – 48 students of VSU-Alangalang Campus availed of scholarships and grants from different sponsors: LGU – 24, Barangay – 9, LSU-AC scholarship – 5, Fil-Canadian – 5, VSU-ACAA – 4, CSSC – 1. Thirty-nine (39) students of VSU Villaba Campus enjoyed scholarships/grants from Barangay LGU – 7, College Student Supreme Council – 3, and VSU Villaba – 29.

NAME OF AWARD	RECIPIENT	AGENCY	DATE
PROVINCIAL LEVEL			
Provincial Champion – Statistics Quiz	Jessa Lea G. Cortez	Leyte Provincial PSQ	Nov. 9, 2007
2 nd place – Statistics Quiz	Genesis G. Cuizon	Leyte Provincial PSQ	Nov. 9, 2007
INSTITUTIONAL LEVEL			
Leadership Award	Cherry D. Atilano	USSO-LSU	Feb. 22, 2007
Endeavor Award	Efren S. Meyor	USSO-LSU	Feb. 22, 2007
Special Recognition Award		USSO-LSU	Feb. 22, 2007
♦ 2006 Provincial & Regional Champion in Philippine Statistics Quiz	Ma. Leah M. Borines		
♦ 2 nd place in 2006 Provincial Philippine Statistics Quiz	Ysakkhar Salas		
Best Undergraduate Paper in Development Communication	Ulderico B. Alviola	DevCom Alumni Association	March 2007
2007 Outstanding Undergraduate Thesis Award:		Phi Delta Honors Society of LSU	April 2, 2007
♦ Pure Biological Sciences Category	Ivy M. Modina		
♦ Applied Life Sciences Category	Manuel E. Cupat, Jr.		
♦ Physical Sciences Category	Daryl F. Becera		
Singing Idol	Hansel Earl Gulfan	USSC	Dec. 16, 2007
♦ 1 st Runner Up	Rochelle Malapit		
♦ 2 nd Runner Up	Christian Vie Baldonado		
<u>Alangalang Campus:</u>			
Endeavor Award	Marvin Mecina Marife Gatela Rhodora Horca Erwin Martino Gilda Torrefranca Windel Mantos		
Best in Occupational Internship Program	Emil Adrian Borden		
Best in Practicum in Agriculture	Marlo Villanueva Richard Garcia		
Outstanding Student Teachers	Claro Daylo, Jr. Chito Viador Edgar Costelo Ma. Villa Ayo Gemma Ybarsabal		

Student Organizations and Activities

The following student organizations received awards during the 4th Annual Awards on February 22, 2007: Course-Related Organization Award – *Development Communication Students Society* (1st place), *Visca Chemical Society* (2nd place), *Home Economics Society* (3rd place); Service Organization Award – *Tau Gamma Phi Triskelion Grand Fraternity and Sorority* (1st place), *Hugpong Ilonggo* (2nd place), *TARSIER* (3rd place).

ALUMNI

The alumni homecoming held on May 18–19, 2007 gathered more than 400 members of the VSU Alumni Association. The activity was capped by a symposium with the theme “VSU Alumni Making a Difference through Entrepreneurship”. Alumni resource speakers talked on various topics such as “Business and Technology Prospects of Biofuels” by Dr. Rico O. Cruz who is now with the Department of Science and Engineering in Richland, Washington, USA. Other speakers were Mr. Eduardo Monreal and Dr. Lemuel T. Diamante.

FACULTY

Faculty Strength

A total of 262 faculty members (92 PhD, 107 MS/MA and 63 BS) supported the instruction, research, extension, and production functions of the VSU Main Campus. Forty-four (44) faculty members were detailed to research centers (24 PhD, 16 MS/MA and 4 BS); two (2) were on sabbatical leave, and one (1) on research leave.

The different student organizations of the VSU System carried out various activities that enhanced student competence and potentials, promote community welfare, and support development of VSU (Table 4).

The graduate students of the VSU Main Campus established the Graduate Students Association and co-sponsored a seminar on “Translational Research” with the CHED ZRC-VIII.

Awards

- ♦ For topping the 2006 PRC Board Examination for Agriculturist, the Mayor Jose Carlos L. Cari Award of Excellence was given to alumni Jehru C. Magahud (5th place) and Ryan T. Sarimong (9th place).
- ♦ The Baybay National Agricultural School and the Visayas Agricultural College (BNAS-VAC) Alumni of the Fifties and Sixties presented to Dr. Samuel S. Go the Golden Jubilarian Award during the 83rd VSU Anniversary Convocation on August 11, 2007. Dr. Go is a BNAS alumnus and former President of the Visayas State College of Agriculture (ViSCA), 1993-1999.

One hundred five (105) faculty members backstopped the various programs of the external campuses: 24 in Alangalang Campus (4 PhD, 6 MS, 14BS); 33 in Isabel Campus (1 PhD, 8 MS, 24 BS); 24 in Tolosa Campus (2 PhD, 14 MS, 8 BS); and 24 in Villaba Campus (2 PhD, 15 MS, 7 BS).

Table 4. Activities of the different student organizations, SY 2007-2008.

ORGANIZATION	ACTIVITIES UNDERTAKEN	AWARD RECEIVED
Development Communication Students Society (DECSO)	Conducted a comical skit "Jjampong" to generate funds; developed learning modules for classes in Microbiology and Animal Science; conducted communication campaigns to promote reproductive health and other development concerns; sponsored a training on Desktop Publishing and Non-Linear Audio Editing; established School-on-the Air Promoting Responsible Teenage Sexuality for the youth of Brgy. Candadam, Sta. Cruz, Gabas, Guadalupe, and Pangasugan of Baybay City, Leyte as well as School-on-the Air on Proper Nutrition for Children for the mothers of Brgys. Kilim, Guadalupe, and San Agustin of Baybay City, Leyte.	1 st place, Course-Related Organization
Visca Chemical Society (ViChemSo)	Conducted Chemistry tutorials and orientation seminar on CAS programs for freshmen; hosted Chemistry Week and sports fest; assisted the College of Arts and Sciences in its Job-Seeking Seminar and Seminar-Workshop on Instrument Calibration, Operation and Troubleshooting.	2 nd place, Course-Related Organization
Home Economics Society (HES) and HRTM	Held an orientation program for new freshmen and transferees; hosted an acquaintance party and induction of officers; put-up an Eco-Booth during the VSU Anniversary; participated in the Journalist Congress, Team Building and Personality Development & Public Relations Seminar; Participated in the <i>alay linis</i> program; distributed bundles of joy to indigents in the barrios; and sponsored a Christmas Party.	3 rd place, Course-Related Organization
Society of Animal Science Students (SASS)	Co-sponsored with AREV the 2007 Rodeo Exhibition during the 83 rd VSU anniversary.	
Student Union of Agronomy and Soil Science Majors (SUASM)	Sponsored the SUASMA Week celebration with the following activities: film showing, giving gifts to the needy, quiz show; co-sponsored with DASS the DASS-SUASM Acquaintance Party; <i>alay linis</i> ; assisted in selling seeds, rice, fund raising and distribution of leaflets, and documentation of the farmers' Field Day during VSU Anniversary; co-sponsored a seminar-workshop on DASS research thrusts.	
ViSCA Horticultural Society (ViHOS)	Sponsored an acquaintance party; co-sponsored the 2007 Flower and Garden Show; planted sweet corn to raise funds; had educational tour in Mindanao; participated in the <i>alay linis</i> program.	
Ag. Economics Majors Student Society (AGEMSS)	Sponsored an acquaintance party; did an entrepreneurial activity during VSU and anniversary and Valentine's Day; participated in the monthly <i>alay linis</i> , planting of ornamental plants around the Department of Economics building; assisted the Registration Committee of the Farmers' Field Day; offered tribute to the graduates of 2007.	

ORGANIZATION	ACTIVITIES UNDERTAKEN	AWARD RECEIVED
Asso. of Plant Breeding Majors (APBM)	Sponsored a film showing; quiz show; tree planting; assisted in distributing seeds during the VSU anniversary; initiated <i>alay linis</i> .	
Plant Protection majors Association (PPMA)	Assisted in selling tickets for the Ms. VSU 2007; helped in making the DPM booth and selling food items during the anniversary; initiated <i>alay linis</i> ; hosted a welcome party for the new majors; sponsored a Christmas party .	
Forestry Students' Society(FSS)	Co-sponsored with the College of Forestry & Natural Resources the orientation program of the new students and seminars; sponsored the <i>Paligsahan sa Gubat</i> student competition of forestry students; participated in Supreme Student Council election and meetings; conducted a tree planting and <i>alay linis</i> on campus; participated in the activities of the University: VSU anniversary, sports intramurals, and other university-wide student activities.	
Organization of Biology Students (OBioS)	Sponsored the 2007 Biology Week Celebration through the conduct of the following activities: booth exhibit, quiz show, rebottling of specimens, plant show, pet show, and poster making contest; assisted in the registration and billeting of participants during the 39 th FIMFS Annual Convention; conducted <i>alay linis</i> on campus.	
Veterinary Student Society (VSS)	Conducted the celebration of Veterinary Medicine Week ; took a lead in the orientation and induction of officers; participated in the VSU Anniversary Celebration, Intramural Games, and Student Career Seminar.	
VSU Agricultural Extension Society	Hosted an acquaintance party; sponsored fund raising to finance the activities of the organization; served as facilitator during the Farmers' Field Day; helped maintain the nursery of the City Agriculture Office of Baybay; co-sponsored the College of Education candidate to the Ms VSU Pageant; distributed bundles of joy to indigent families in the selected barangay; participated in the <i>alay linis</i> .	
Nursing students	Sponsored an acquaintance party; participated in the Kaugmaran 2007 Dance Competition and Cheer Dance during the 2007 intramurals and 2007 VSU Singing Idol; participated in the Nightingale Society Christmas party; sponsored an <i>alay linis</i> on campus.	
Society of Agribusiness Students (SABS)	Conducted an election of SABS officers; held meetings; hosted the freshmen orientation program; had induction of officers and acquaintance party; attended seminar; constructed the SABS booth operation during the VSU Anniversary; hosted the field practice orientation seminar and <i>alay linis</i> on campus; gave bundles of goodies to barrio people; established a business during Christmas season; had a Christmas party; organized SAVALEX; paid tribute to graduating students.	

ORGANIZATION	ACTIVITIES UNDERTAKEN	AWARD RECEIVED
Phil. Association of Food Technologist-Kappa Student Chapter (PAFT-KSC)	Conducted the election of officers, freshmen orientation, general assembly, acquaintance and Christmas parties; assisted in the activities for the Farmers' Field Day, participated in the alay linis; had fund raising during VSU Anniversary and Halloween; conducted food product demonstration and coconut recipe festival; hosted the search for Mr. & Mrs. Food Technology.	
ROTC	Provided traffic management and security augmentation during <i>Kaugmaran</i> Festival and Farmers' Field Day, Miss VSU Beauty Pageant and university-wide activities; participated in the tree planting and <i>alay linis</i> ; hosted the presentation of sponsors; conducted a field work of CWTS students which included school-on-the-air, functional literacy, vegetable gardening, solid waste management, entrepreneurial development and rainforestation.	
High School SBO	Supervised the section/class/SBO elections; had an induction of officers; sponsored Nutrition Month, <i>Buwan ng Wika</i> ; assisted in the activities Intramurals, Science Month, Science Congress; hosted the English Month celebration and Christmas party; assisted in the presentation of sponsors and escorts; sponsored Juniors-Seniors Prom; hosted the CAT graduation.	
LSU-Alangalang Campus	Held a general orientation program; sponsored a first Friday mass; had an acquaintance party and induction of officers; sponsored a Christmas Party; clean and green; intramurals; Math & Science & Physics Olympiad; <i>Buwan ng Wika at Pistang Filipino</i> ; and participated in the VSU Main Campus anniversary and founding anniversary of VSU-AC.	
LSU-Tolosa Campus	Had an orientation program; conducted election of officers, induction and acquaintance party; participated in the <i>Kaugmaran</i> Festival during the VSU Anniversary Celebration; hosted the intramurals, Nutrition Month, <i>Linggo ng Wika</i> , English quiz show; attended symposia on Student Leadership and Prevention of Drug Addiction; initiated campus cleaning and beautification activities; conducted tree planting activity; and organized a Christmas party.	
LSU-Villaba Campus	Held an orientation program; conducted a rally, election, installation/ induction of officers; celebrated Nutrition Month and Buwan ng Wikang Pambansa; sponsored an Honors' Program; hosted an international literacy month program; sponsored a Drug Abuse, Prevention & Control Week; held a Christmas Party.	

Faculty Achievements

Table 5. Awards and recognitions awarded to members of VSU faculty.

NAME OF AWARD	RECIPIENT	AGENCY	DATE
INTERNATIONAL LEVEL			
2007 COM+ Award for Radio Environmental Soap Opera	Dr. Monina M. Escalada	CGIAR	Dec. 4, 2007
Plaque of Recognition	Ms. Eliza Dadole-Espinosa	Lighthouse Foundation	
NATIONAL LEVEL			
One of the 31 pioneer accreditors of AACCUP	Dr. Paciencia P. Milan	AACCUP	Feb. 27, 2007
National Academy of Science and Technology (NAST)-Hugh Greenwood Environmental Science Award	Dr. Paciencia P. Milan	NAST	April 18, 2007
Achievement Award	Dr. Victor B. Asio	Phil. Society of Soil Science & Technology Inc. (PSSST)	May 25, 2007
Best Poster – 3 rd Prize	Prof. Luz Acedo C. C. Arradaza	FCSSP	June 15, 2007
Eduardo Quisumbing Medal-Outstanding R&D Award for Basic Research	Dr. Edgardo E. Tulin	DOST	July 16, 2007
Plaque of Recognition	Dr. Wolfreda T. Alesna	DOST-PCARRD	Aug. 7, 2007
Plaque of Recognition - Champion of Quiz Bee	Mr. Randy G. Omega		Sept. 7, 2007
3 rd Runner Up – Poem Writing Contest			
Plaque of Recognition for winning the Gender & Dev't. Council logo contest	Mr. Jude Nonie A. Sales	GDC of Makati City	Sept 25, 2007
AFMA Best R&D Paper Award	Dr. Edgardo E. Tulin Ms. Zenaida T. Ecleo	DA-BAR	Oct. 6, 2007
AFMA Best R&D Paper Citation Award	Dr. Lucia M. Borines Prof. Reny G. Gerona Ms. Ma. Dinah M. Reformina Ms. Maricel M. Gasco Dr. Ma. Gina M. Babb	DA-BAR	Oct. 6, 2007
AFMA Best R&D Paper Award	Dr. Anabella B. Tulin	DA-BAR	Oct. 6, 2007
AFMA Best R & D Paper (Adaptive Research-Agriculture Category)	Dr. Roberto C. Guarte Ms. Marisel T. Andrino Mr. Angel T. Sabusap	DA-BAR	Oct. 6, 2007

NAME OF AWARD	RECIPIENT	AGENCY	DATE
3 rd place – AFMA Best R & D Paper Award (Socio-Economics Category)	Dr. Lilibeth G. Miralles Dr. Pablo B. Pedrera Dr. Marichu M. Padayao	DA-BAR	Oct. 6, 2007
1 st place – National Level, Rice Race 2007	Ms. Lorina A. Galvez Dr. Lutgarda S. Palomar	PhilRice, Muñoz Nueva Ecija	Nov. 5, 2007
REGIONAL LEVEL			
2 nd place – Best Paper Award (Applied Research Category)	Dr. Pastor P. Garcia	DA-8	May 8, 2007
2006-2007 Regional Gawad Saka (Outstanding Agricultural Scientist)	Dr. Lutgarda S. Palomar	DA-8	May 24, 2007
1 st place – Best Poster	Dr. Paciencia P. Milan Dr. Victor B. Asio Dr. Ma. Juliet C. Ceniza Mr. Marlito Jose M. Bande	NRCP- Visayas	May 21, 2007
3 rd place – Best Poster	Ms. Obdulia G. Camoying Ms. Naomi G. Petronio Dr. Roberta D. Lauzon	NRCP- Visayas	May 21, 2007
Outstanding Paper Award (Basic Research Category)	Dr. Edgardo E. Tulin Ms. Zenaida T. Ecleo	VICARP-RRDEN A/F	May 25, 2007
1 st Runner-Up – Best Paper Award (Basic Research Category)	Dr. Pastor P. Garcia Prof. Humberto R. Montes, Jr. A/F Dr. Victor B. Asio	VICARP-RRDEN	May 25, 2007
Outstanding Paper Award (Applied Research Category)	Dr. Lemuel M. Diamante	VICARP-RRDEN A/F	May 25, 2007
2 nd place – Best Paper Award (Applied Research Category)	Dr. Anabella B. Tulin	VICARP-RRDEN A/F	May 25, 2007
1 st place - Best R& D Paper (Development Project Category)	Dr. Bernardita P. Germano Ms. Senona A. Cesar	VICARP-RRDEN A/F	May 25, 2007
1 st place – Outstanding Development Project	Prof. Alan B. Loreto Prof. Christina A. Gabrillo Mr. Dale P. Loreto Ms. Ma. Elsa M. Umpad	VICARP-RRDEN A/F	May 25, 2007
1 st place – Outstanding Development Project	Dr. Roberto C. Guarte Dr. Elmar Stumpf Mr. Nilo I. Leorna Ms. Marisel T. Andrino Mr. Angel T. Sabusap	VICARP-RRDEN A/F	May 25, 2007
3 rd place – Outstanding Development Project	Dr. Roberto C. Guarte Ms. Marisel T. Andrino Mr. Angel T. Sabusap	VICARP-RRDEN A/F	May 25, 2007

NAME OF AWARD	RECIPIENT	AGENCY	DATE
2 nd place – Best R&D Poster Award (Environment & Natural Resources Category)	Dr. Paciencia P. Milan Ms. Senona A. Cesar Ms. Eliza D. Espinosa Mr. David N. Cosmiano, Jr. Eco-volunteers	VICARP-RRDEN A/F	May 25, 2007
1 st place – Best R & D Poster Award (Engineering, Energy & Industry Category)	Dr. Roberta D. Lauzon Ms. Obdulia G. Camoying Ms. Naomi G. Petronio	VICARP-RRDEN A/F	May 25, 2007
2 nd place – Best R & D Poster Award (Engineering, Energy & Industry Category)	Dr. Roberto C. Guarte Ms. Marisel T. Andrino	VICARP-RRDEN A/F	May 25, 2007
2 nd place – Best R & D Poster Award (Agriculture Category)	Prof. Villaluz Acedo Ms. Cherrie D. Atilano Ms. Catherine C. Arradaza	VICARP-RRDEN A/F	May 25, 2007
1 st place – Regional Level, Rice Race 2007	Ms. Lorina A. Galvez Dr. Lutgarda S. Palomar	PhilRice, Negros Branch Station	Oct 23, 2007
Zonal Republica Award	Dr. Fe. M. Gabunada Ms. Agnes C. Rola	CHED	Oct. 26, 2007
Plaque of Recognition	Ms. Eliza Dadole-Espinosa	DENR	
1 st and 2 nd prizes – Balak Contest	DYAC	DA- Region 8	Dec. 2007
Plaque of Recognition – Research Adviser - 1 st place Physical Science (Individual Category)	Dr. Lemuel M. Diamante	Intel-DepEd RO 8	Dec 9, 2007
PROVINCIAL LEVEL			
2 nd (mixed Doubles) - 3 rd Gov. Icot Petilla Badminton Cup	Mr. Marnel A. Leona	Leyte Provincial Gov't	Oct 14, 2007
Champion – Leyte Landing Badminton Open Tournament	Mr. Marnel A. Leona	Leyte Provincial Gov't	Oct. 21, 2007
Champion – Gov. Icot Petilla Invitational Badminton Cup	Mr. Marnel A. Leona	Leyte Provincial Gov't	Dec. 15, 2007
2 nd prize – Mayor Codilla National Open Badminton Men's Doubles	Mr. Marnel A. Leona	Local Gov't Unit of Ormoc City	Dec. 3, 2007
INSTITUTIONAL LEVEL			
Keepers of Service Award Organization Advisers	Dr. Rodrigo F. Sebidos Prof. Epifania G. Loreto	USSO-LSU	Feb. 22, 2007
Dormitory Adviser	Mr. Randy G. Omega		
Plaque of Recognition - Research Adviser (1 st place BS DevCom thesis)	Prof. Editha G. Cagasan	DevCom Alumni Association	Mar. 31, 2007

Research & Development



R & D FUND ALLOCATION

VSU R&D Budget Allocation

The University allocated Php7,653,037.00 primarily for rootcrops (46%), abaca (18%) and coconut (14%) commodities (Figure 1). Vegetables, cereals, livestock and other R & D concerns were also given attention by the University.

External Fund Sources

R & D funds from external sources totaled Php14,974.541.20 of which

P9,882,135.60 came from international sources and Php4,707,405.60 from national government agencies (Table 6). ACIAR sponsored the Agro-Forestry R & D of the College of Forestry and Natural Resources while the BSH Bosch und Siemens Hausgeraete GmbH funded the Public-Private Partnership in the R & D of the Plant Oil Technology Center. The Philippine's Department of Energy provided P1.5M for the R & D on alternative sources of energy.

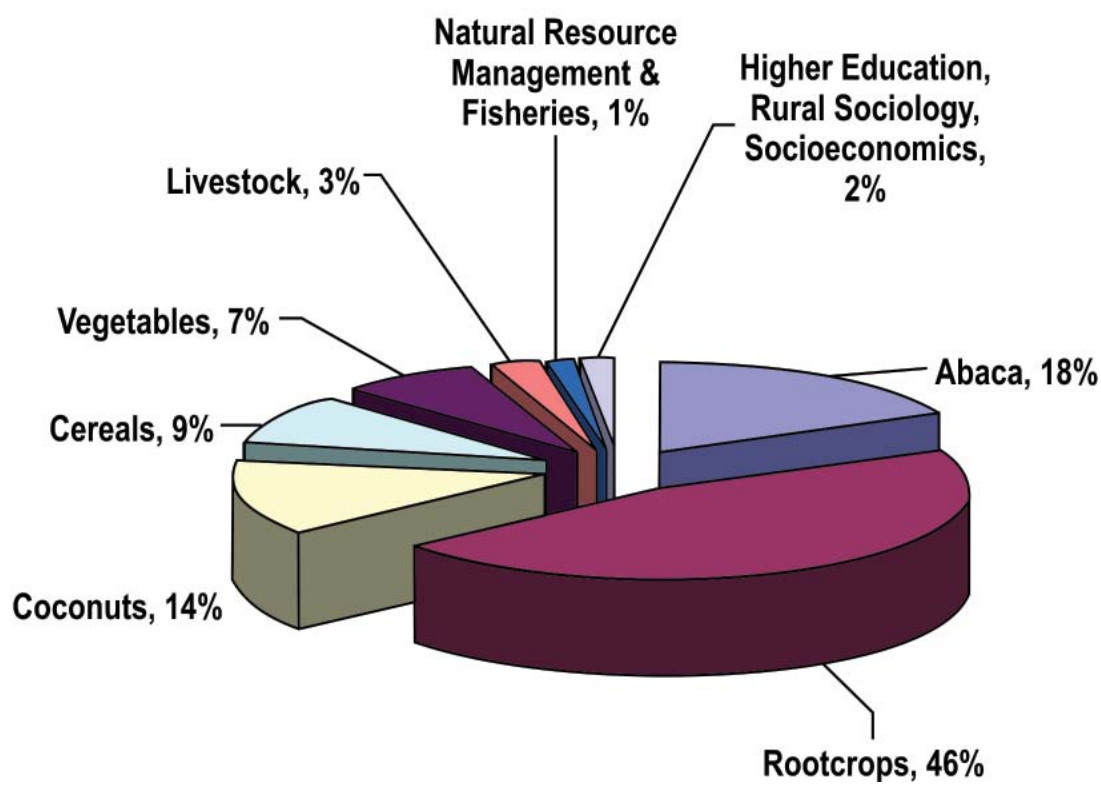


Figure 1. VSU Research Budget Allocation by Commodity/Discipline.

Table 6. Allocation of R & D Funds by Source.

FUND SOURCE	AMOUNT (PHP)
Visayas State University	7,653,037.00
EXTERNAL SOURCES	
ACIAR	4,726,391.58
BSH – German Dev’t & Inv’t Co.	3,957,935.57
CHED	150,210.40
DA-BAR	238,500.00
DA-CPAR	400,000.00
Daimler Chrysler – German Dev’t Agency	606,648.45
Department of Energy	1,500,000.00
DOST-PCARRD	500,000.00
EURONATUR	283,500.00
HERBANEXT	32,450.00
ISAAA	31,900.00
LGU BAYBAY	100,000.00
Manchem Industries, Inc.	30,000.00
Nagoya University, Japan	275,760.00
NEDA-VSU	849,680.00
NEDA-PCC	429,615.00
PCARRD	382,382.00
PCARRD-VICARP	19,568.20
PHILRICE	75,000.00
TOTAL	22,627,578.20

In 2007, a total of 100 VSU and externally funded projects were conducted (*Figure 2*). The projects mostly geared towards crop development and conservation, cultural management of crops and livestock, refinement of machinery, renewable energy, tree farming, and food product development and commercialization. Graduate tracer studies and R&D monitoring scheme were also implemented.

ROOTCROPS

- ♦ **NSIC Sp-32 or JK 02-20-4** (sweetpotato): 12.75 t/ha average yield, 34% dry matter content, 3.22% sugar content, 1.91% protein content, 25.36% starch content.
- ♦ **NSIC Cv-41** (cassava): dark brown root skin, yellow flesh, dark brown stem color, 36.5 t/ha average fresh root yield, 39% dry matter content, 29.2% starch content, resistant to mites and scale insects, 10-12 mos. maturity.

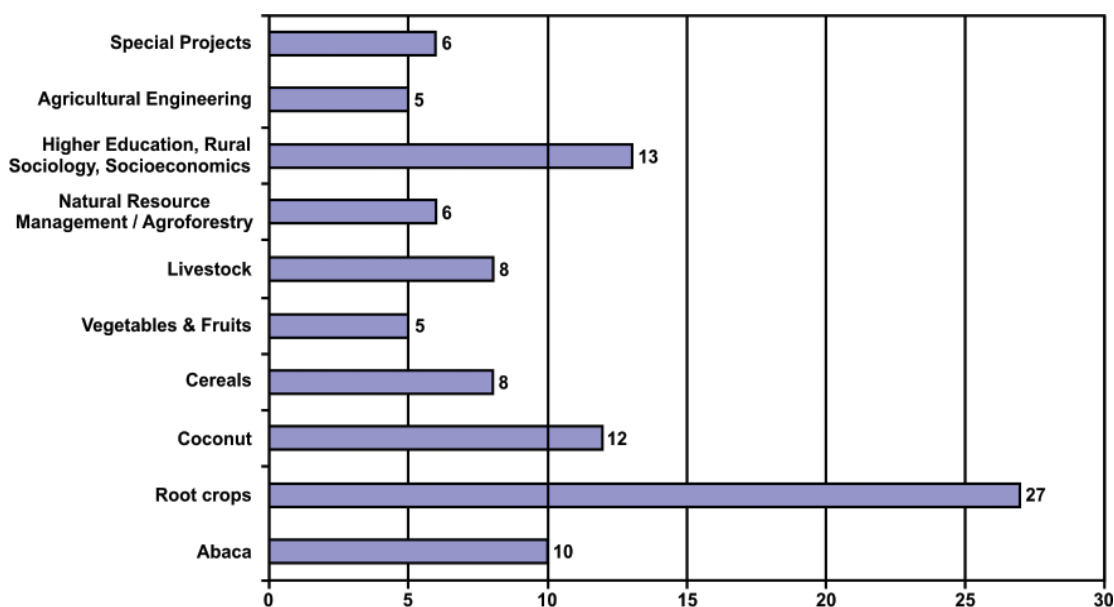


Figure 2. R & D Projects implemented in 2007.

- ♦ **NSIC G-10** (gabi): white flesh, 9.28 t/ha average yield, 42.86% dry matter content, 8 mos. maturity, recommended for industrial use.

ABACA

- ♦ Pulping machine
- ♦ Portable abaca stripping machine

COCONUT

- ♦ Makapuno hybrids: VMAC-1, VMAC-2, VMAC-3 and VMAC-4.
- ♦ Makapuno products and by-products: makapuno-SP candy, makapuno-SP jam, makapuno strips, makapuno-SP tart, makapuno-mango jam, makapuno spread, makapuno macaroons, makapuno ice cream and makapuno-pork longaniza.

CEREALS

- ♦ New corn varieties recommended for Eastern Visayas - 11 promising corn hybrids (9 had yellow kernels and 2 with white kernels).

AGRICULTURAL ENGINEERING (PLANT OIL TECHNOLOGY CENTER)

- ♦ Protos plant oil stove.
- ♦ Plant oil for the Protos plant oil stove.
- ♦ Renewable energy technology - adoption of new technologies such as the plant oil stove and biodiesel production.

Information for Dissemination

Rootcrops

- ♦ Characteristics of yam germplasm

- ♦ Status of cassava and sweetpotato germplasm

- ♦ Gabi characterization database

- ♦ Newly recommended ubi varieties

- ♦ Micropropagation system for taro

- ♦ Extracts from indigenous plants as source of cytokine mimetic

- ♦ Sweetpotato seed system and production

- ♦ Enterprise development for Pinoy Fries

- ♦ Rootcrops food product: cassava cheesy

- ♦ New rootcrop food product

- ♦ Community-based participatory action research on gabi (*Xanthosoma*) chips processing

ABACA

- ♦ Database for abaca germplasm

- ♦ Novelty items with potential for export

- ♦ PPP project on sustainable production of abaca

- ♦ Application of abaca fiber in the automotive industry

COCONUT

- ♦ Characteristics of promising tall and dwarf varieties

- ♦ Existing makapuno palms in Region 8 as source of planting materials

- ♦ High yielding makapuno-bearing palms: VMAC 1 and VMAC 2

- ♦ How to's and process flow in the preparation of nine food products with makapuno meat as the principal ingredient such as makapuno-sweetpotato candy, makapuno-sweetpotato jam, makapuno strips, makapuno-sweetpotato tart, makapuno-mango jam, makapuno spread, makapuno macaroons, makapuno ice cream, and makapuno-pork longaniza.

AGRICULTURAL ENGINEERING

- ♦ Technologies on alternative energy source – Plant oil stove and biodiesel production.
- ♦ Renewable energy sources – Solar energy, solar-wind hybrid energy, wind energy, water energy (hydropower), biomass energy, geothermal energy, plant oil.
- ♦ Status of renewable energy sources in Region 8: There were 267 existing renewable energy systems, 190 in Leyte and 77 in Southern Leyte. Of the 267, 55.8% were biomass dryers, 24.4% biomass furnaces, 11.6% biogas digesters, 10.9% Photovoltaic (PV), 2.2% biomass boiler, 1.5% hydropower systems, 1.5% solar dryers and 0.7% windmills.

Higher Education, Rural Sociology and Socioeconomics

- ♦ Factors affecting sustainability of Farmers' Information and Technology Services/Techno-Gabay Program (FITS/TGP): availability of financial and physical resources (including internet connection), provision of full-time staff/ additional manpower, strong linkage with partner agencies, proper monitoring and evaluation of activities, sustained supply of

updated information materials, staff commitment, and information dissemination about the program.

- ♦ Impact of TGP on rice productivity - Productivity and technical efficiency of rice farms after TGP was significantly higher than farms before TGP. Correlation analysis showed that yields of rice farms were correlated with their technical efficiency indices. Results of the factor share analysis revealed that rice farmers tend to be more cost-efficient after TGP. In terms of absolute (real) value, farm income is 57% higher after TGP.

Technologies/Information for Protection

ROOTCROPS

- ♦ Optimized *in vitro* and *ex vitro* protocols for purple yam
- ♦ Promising bacteriocin producing microorganisms
- ♦ PRP1 & PRP2
- ♦ Processes in the production of some selected rootcrop food products

ABACA

- ♦ Handmade paper processing machine

COCONUT

- ♦ Makapuno-mango jam
- ♦ Makapuno-sweetpotato jam
- ♦ Makapuno-SP candy
- ♦ Makapuno Strips
- ♦ Coco coir processing machine

Technologies for Commercialization

ROOTCROPS

- ♦ New cassava hybrids
- ♦ Tissue culture-derived purple yam plantlets
- ♦ Rootcrop food products
- ♦ Pinoy Fries

ABACA

- ♦ Abaca variety

- ♦ Novelty items from abaca

COCONUT

- ♦ Makapuno hybrids planting materials
- ♦ VMAC 1 and VMAC 2
- ♦ Makapuno jam, tart, macaroons, candy and strips

FRUITS

- ♦ Vacuum fried jackfruit

AGRICULTURAL ENGINEERING

- ♦ Protos and plant oil

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HIGHLIGHTS FROM ON-GOING RESEARCH

Germplasm Collection

Abaca – 545 abaca accessions were conserved and maintained *in vitro* at different stages of conservation. Germplasm were grown in a 3.0 ha field genebank, 0.5-hectare quarantine area and 0.5 hectare of tissue culture-derived plantlets..

Coconut - 42 accessions were maintained in the field genebank and during the year three tall accessions of Oongotin were added in the genebank.

Rootcrops – 941 sweetpotato, 339 cassava, 304 gabi/taro, 367 yam, 40 singkamas, 36 arrowroot, 6 takudo, 2 talian, and 2 pungapung were maintained in the field genebank.

Varietal Improvement/ Breeding

ROOTCROPS

- ♦ Sweetpotato breeding – 18,500 seeds were harvested from the 30 parental genotypes grown in the polycross nursery and 79 improved genotypes were planted under the single row trial
- ♦ Cassava screening for tolerance to spider mites and scale insects showed that MOP 43-17, MOP 61-13, MOP 61-14, MOP 61-15, and CMP 82-5 were tolerant to scale insects

while MOP 43-17 and CMP 82-5 were tolerant to mites.

ABACA

- ♦ Thirteen (13) promising hybrid progenies were evaluated for resistance to abaca bunchy-top disease (ABTD). MH 93-1, a cross between *Canton* and *Abuab*, was the only entry which showed resistance to abaca bunchy-top virus with a mean fiber yield of 1.75 tons/hectare/year.
- ♦ Eight (8) promising high yielding accessions, NARC-M196 (Balingon) produced 2.90 tons/ha of fiber followed by NARC M115 (Maguindanao Black) and NARC-M641 (Visca hybrid # 10) with fiber yields of 2.88 tons/ha and 2.85 tons/ha, respectively.

COCONUT

- ♦ F1 makapuno bearing-palms showed good growth. Mean leaf production rate during the year was 18 in TAC x MAC and 17 in CNO x MAC. Makapuno yields of F1s were lower in 2007 than in 2006. TAC x MAC produced only 17.9% makapuno while CNO x MAC yielded 17.7% makapuno. The nuts of TAC x MAC were heavier than CNO x MAC nuts. Dehusked makapuno nuts from TAC x MAC palms weighed 511g-1,594 g per nut while those from CNO x MAC palms weighed 403 g – 1086 g per nut.

- ♦ The F2 homozygous makapuno palms had good growth with a mean annual leaf production of 16 to 20 per palm. Among the hybrids, VMAC4 had the tallest trunk and biggest girth. VMAC 1 had the highest yield with 100% makapuno. VMAC2, VMAC3 and VMAC4 had 95%, 93% and 82% makapuno yield, respectively. The biggest nuts were observed from VMAC4 with dehusked nut weights ranging from 815 g to 1,612 g per nut while the smallest nuts were from VMAC1 with dehusked nut weights ranging from 387 g to 569 g.

Microbial Collection

- ♦ Of the 335 lactic acid bacteria and bacterial isolates maintained in the PhilRootcrops Laboratory, 15 isolates possessed promising bacteriocin activity.
- ♦ One isolate is heat stable up to 100 °C.
- ♦ Antimicrobial compounds from three (3) promising endophytic microorganisms were found to be heat stable up to 100 °C.
- ♦ Of the 94 actinomycetes maintained, 11 possessed promising antimicrobial activities.

Pest Management

- ♦ **Sweetpotato.** Ready to use sweetpotato weevil (SPW) pheromone (Z) 3-dodecenyl (E) 2-butenate was formulated. The pheromone was synthesized at the Department of Organic Chemistry, University of Hohenheim, Germany. The minimum effective concentration of the SPW pheromone based on

olfactometer study was loaded into the rubber septum for field trial and placed in a trap as a population monitoring and mass trapping device of adult male weevils. The results showed that the traps placed in the fields two (2) weeks after planting until harvest reduced the weevil infestation by 15-30%.

- ♦ **Abaca.** After three years of exposure to the high disease pressure, four (4) accessions of abaca showed resistance to bunchy-top disease: M26 (Tetraploid #3), M140 (Baunan #2), M174 (Javaque #2), and M231 (GOA-x).
- ♦ **Chemical Activators of Systemic-Acquired Resistance (SAR) for the Control of Bacterial Blight and Blast Diseases in Rice.** Chemical activators sprayed to rice plants at 7 and 15 days interval significantly shortened the length of bacterial blight lesions compared to the control. Fifteen (15) days spray interval was practical as it would entail minimal cost and labor. Boost Bion was the most effective chemical in controlling bacterial blight but Aspirin, Salicylic Acid and Silicon Dioxide, although cheaper, also effectively reduced bacterial blight lesion length.

Biotechnology

- ♦ Administration of chronic dose of PRP-1 (yam mimetic protein) had no marked effect on the cholesterol level of mice, but a significant decrease on the platelet count was observed after one month of administration.
- ♦ Plantlets of yam (Kinampay) generated through chemical mutagenesis were potted and exposed to field conditions and survived until maturity and that no signs of infections were observed.

Food Product Development

SWEETPOTATO

- ♦ JK 10-4, a newly developed sweetpotato variety with deep orange colored flesh, was comparable to RC 2000, a previous raw material of SP pickle production.
- ♦ SP pickles stored for three (3) months were still comparable to freshly made pickles in terms of organoleptic parameters.
- ♦ Wines from 50% rootcrops (yam, taro, sweetpotato) +50% glutinous colored rice had higher acceptability scores compared to 100% rice wine. Wine from 50% taro and wine from 50% yam were the most acceptable.

MAKAPUNO – COCONUT

- ♦ Makapuno-based longaniza and semi-sweetened 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.
- ♦ Formulation of a semi-sweetened makapuno puree was optimized at varying levels of process water (50%, 60% and 70%), sucrose concentration (15%, 20% and 25%) and acidulant/antioxidant mix (0.10%, 0.20% and 0.30%). An optimized combination of 60% process water,

20% sucrose concentration and 0.20% acidulant/antioxidant resulted in high acceptability.

Coastal Resources

Sustaining Local Management of Coastal Resources in Baybay City and Cuatro Islas, Inopacan, Leyte.

A total number of 58 macroflora species were recorded from inside and outside of marine sanctuary areas in Apid, Mahaba and Digyo Islands, of which 51 species were seaweeds and seven species were seagrasses. Seaweeds were dominated by chlorophytes (green algae) and rhodophytes (red algae). Macroinvertebrates identified inside and outside of marine sanctuaries were composed of 24 species with mollusks (10 species) and echinoderms (9 species) dominating the area. Species composition, abundance, diversity, and distribution of macroflora and fauna differed in each of the marine sanctuary but not between marine sanctuary and outside of marine sanctuary. Increasing and decreasing trend of seaweeds and seagrass from 14.76% (fair condition) in 1997 to 17.38% (fair condition) in 2002 to 38.46% (good condition) in 2004, and it had dropped by 6.8% in 2007 which indicated that seaweeds and seagrasses fluctuated from year to year on their occurrence and distribution. However, fluctuations were also buffered by the protection afforded to the sanctuaries. The low Catch Per Unit Effort (CPUE) value recorded outside of marine sanctuaries was attributed to low population of macroinvertebrates. This finding conformed to the perception of the gleaners that macroinvertebrates had not increased even after the marine sanctuary was established.

HIGHLIGHTS OF COMPLETED RESEARCH

Improving Information Flow on Tree Farming Policies in Private Lands Through School-on-the-Air Radio Program

School on the Air (SOA) program through radio DYAC was conducted on Tree Farming Policies on Private Land. This program seeks to improve people's knowledge and awareness – particularly the smallholder farmers – on government policies related to tree registration, harvesting, transport and marketing. It also aims to inform private landowners and other stakeholders on tree growing, educate them to improve the planting of their trees, and motivate the tree farmers to register their trees and adopt related tree farming policies. Using paired samples test on means, a highly significant difference ($p < 0.00$) was found between their post-test and pre-test scores. This provides strong evidence that the SOA farmer-graduates have increased their awareness on tree farming policies after participating in the SOA. The SOA on tree farming policies on private land seems to have had an effect on the lives of the tree farmer-graduates based on their testimonies given during the SOA graduation rites.

Users' Feedback on the Effectiveness of the Primer on Tree Registration, Harvesting, Transport, and Marketing Policies in Private Lands

The Primer on Tree Registration, Harvesting, Transport and Marketing Policies in Private Lands was developed to help improve the flow of information on tree registration and related policies. The process of development was highly participatory,

taking into consideration the active participation of major tree farming stakeholders such as the farmers, the police, the timber dealers, the DENR staff and the academe.

Prototype copies of the Primer had already been produced and distributed to some of its intended users. To be able to understand the intended users' reactions to the Primer as an extension material, this study was conducted to ascertain the users' feedback on the Primer in terms of its comprehensibility, acceptability, attractiveness, self-involvement, and persuasiveness. This study also aimed at drawing some insights and recommendations from the respondents for a more strategic dissemination scheme of the tree registration policies. A series of focus group discussions (FGDs) were conducted among various respondent groups such as farmers, barangay captains, CENRO staff, LGU representatives, LGU-based PNP, and timber dealers in Libagon and Maasin City in Southern Leyte province, and Bato and Leyte-Leyte in Leyte Province.

Based on the feedback gathered from the FGDs, the Primer had been perceived as effective. It was rated as understandable, attractive, acceptable, self-involving and persuasive. However, respondents gave same suggestions to improve the material. Among these were the revisions of the illustrations and the addition of local names and photos of the premium species. Likewise, to improve the flow of information on tree registration, the respondents suggested that it should not only focus on distributing the Primer booklet but also on disseminating the aforesaid information through the use of posters, radio, and the conduct of

seminars. Agencies involved in promoting tree registration like the DENR and the VSU should examine these suggestions and implement them based on the resources available.

Environmental Radio Soap Opera for Rural Vietnam

A radio soap opera was designed using the entertainment-education (E-E) process which contributed towards creating favorable attitudes and changing practices in rice farmers' pest management in Vietnam. Between pre and post launching, farmers' insecticide sprays dropped by 31% from 1.9 to 1.3 sprays per season. Corresponding changes in attitudes were also observed. In addition, farmers also reduced their nitrogen and seed use by 7% and 9%, respectively. In the posttest, farmers who had listened to the soap opera had higher reductions in insecticide sprays (60%), nitrogen (9%) and seeds (33%) compared to those who had not listened to the soap opera. There were also similar changes in their belief attitudes favoring judicious use of pesticides, fertilizers and seeds. The study also found that the E-E process provided a platform for communication between technical specialists and creative artists, thus enabling technical information to be simplified and incorporated in the drama scripts.

Employment Profile of HEI Graduates and Manpower Needs of Industries in Eastern Visayas Region

The study surveyed 2,097 college graduates from SY 2000-01 to SY 2003-2004 and they were randomly chosen by school year they graduated and the degree program they obtained from six

participating higher educational institutions (HEIs) in Region 8. Six hundred two (602) employers/industries were randomly chosen by type of industry and number of employees.

Results of the integrated graduates' tracer study (GTS) and employers' survey revealed the following:

- ♦ About 65% of the graduates were gainfully employed, 23.5% were unemployed at the time of the survey, and 11.6% were never employed since they had graduated from college;
- ♦ Almost all (96.3%) of the sample graduates were from the region and a higher proportion of them (41.8%) originated from the Leyte Province;
- ♦ A comparatively higher employment was observed from the Province of Leyte (64.5%), which seemed to reflect the favorable employment and income opportunities existing in Leyte vis-à-vis compared to the other provinces;
- ♦ A higher percentage of employed workers were graduates of mass communication and documentation related courses (80.0%), followed by graduates of math and computer science courses (70.1%).
- ♦ Entrepreneurial (39.4%), management and communication (15.2%), human relations (12.1%), and teaching skills (6.1%) were the reported required skills by self-employed graduates;
- ♦ A higher proportion of graduates found employment in the education sector (23.1%) followed by those in wholesale and retail trade (15.3%) and transport, storage and communication establishments (12.2%).

- ♦ Majority of employed graduates spent less than a month to 6 months time of job search prior to their first employment. More than 20%, however, spent one year to less than two years looking for a job;
- ♦ Good human relations (80.9%), communications (70.7%), problem solving (53.8%), and critical thinking (37.6%) were the prominent skills and competencies that employed graduates found most useful in their first job;
- ♦ Results of logit model estimates showed that the factors which were statistically and positively associated with the employability of graduates were the following: with honors and awards, male, with good communication and human relation skills, with IT skills, with recommendations from known personalities, from the engineering and technology degree programs and from the Province of Leyte.
- ♦ internal advertisement (29.7%), advertisement in newspapers (6.6%) as the means of hiring applicants for their company/organization;
- ♦ Relevant job experience (49.8%), computer literacy (45.2%), and relevant degree (44.3%) were the three major minimum requirements reported by employers when hiring applicants;
- ♦ Majority of employers required 6-10 months of job experience (51.6%) while others required 11-15 months (21.7%), and 1-5 months (17.8%). On the average, a job experience of 9.45 months was required by employers;
- ♦ On computer and IT competencies, knowledge of MS Windows (89.4%), MS Word (56.3%), MS Excel (51.4%), and MS PowerPoint (32.2%) were the computer applications and skills required from job applicants;

Results of the employer survey revealed the following:

- ♦ A larger proportion of employers in the study sites were classified as Micro enterprises (47.3%), followed by cottage (27.3%), small (24.1%), and medium (1.09%) enterprises.
- ♦ A great majority of sample employers were the private companies/organizations (84.2%), and the rest were the national government agencies (8.8%) and the LGUs (3.5%);
- ♦ Majority of employers adopted direct application by graduates (64.2%), personal contacts with graduates and key personalities (35.1%),

Synthesis of Sweetpotato Weevil Pheromone

The sweetpotato weevil pheromone (Z)-3-dodecenyl-(E)-2-butenate was synthesized in a six-step synthesis using chloropropanol as the starting material. Dihydropyran was employed as a protecting group in the triphenylphosphonium iodide salt which was reacted with nonanal in the cis-selective Wittig reaction to produce the protected precursor alcohol. Hydrolysis of the protected alcohol followed by esterification with either trans-crotonic acid or crotonyl chloride yielded the target pheromone.

Enterprise Development of Process for the Production of Some Selected Rootcrops Food Products

The Pinoy fries technology was implemented as one of the Research Center-based semi-commercialization research projects following a process approach which applied some features of the concept of continuing innovation. A team of researchers was organized and individually assigned to implement identified component activities relevant to their expertise and in an interdisciplinary manner. On the whole, the project adopted the principles of systems-orientation, inter-discipline and market-driven. Research highlights and relevant information obtained after 2 ½ years of conduct included an improved processing system, an effective supply-based mechanism, financial requirements to start and run the business, physical facilities and equipment requirements for the plant to

operate commercially, and some identified promotion and marketing strategies.

The project developed two types of enterprise operations: (1) the Processing Business operation which commercially produces and distributes Ready to Fry (RTF) Pinoy fries, and (2) the Retailing Business operation which prepares and directly sells ready to eat (RTE) Pinoy fries to customers. Processing business requires more capital investment and established linkages with farmer-suppliers markets of its RTF products. The retailing business needs lesser investment cost and largely dependent on the RTF producer for the continuous supply of raw materials. Retailing may be done through mobile carts or stationary food stalls in malls, bus terminals, parks, restaurants, canteens, and other public places. RTF products are frozen, packed and sold frozen in 0.5 kg PE bags at Php120 per kg, while the cooked RTE products are sold in paper cups at Php10 per 60 g.

Extension



Extension activities and community engagement efforts of VSU were carried out to benefit several stakeholders through capacity building and technical assistance, information dissemination and technology-transfer.

Capability Building

Vermicomposting principles and processes. Thirty-two (32) personnel from the local government units (LGUs) of Maasin City, Matalom, Bato, Inopacan, Baybay City, Albueria, Ormoc City, Merida and Mahaplag and employees of VSU attended the training organized by the Regional Vermicomposting Production Project of VSU (RV2P2). The training was initiated in collaboration with the Philippine Council for Aquatic and Marine Research and Development (PCAMRD) and the Philippine-Japan Fund for Underprivileged Farmers.

Knowledge of common medicinal plants and their uses. Thirty-six (36) participants from the neighboring communities of the VSU Main Campus attended the training on Common Medicinal Plants and Their Uses. Dr. Lualhati P. Noriel and Prof. Reny G. Gerona, leaders of the Pesticidal and Medicinal Garden Extension Project under the VSU's PANGUAPA Project, initiated the training to provide people with knowledge on alternative remedies for common diseases.

BIDANI making strides in improving nutrition among children in Isabel. Nutrition improvement was the focus of the BIDANI project in Isabel, Leyte. Undernourished children were identified and enrolled in the municipality's supplementary feeding program. As part of this initiative, Nutripak, a food supplement, was introduced as part of undernourished children's diet. Support from the local government of Isabel was expressed in terms of fund and human resource.

Capacity building of public schools thru the Adopt-a-School Program.

Pupils and students from Pangasugan and Guadalupe Elementary Schools and Caridad National High School found that the enhancement of competencies in Math, Science and English need not be drab and boring. The College of Education, through its extension program Adopt-a-School Program, assisted the aforementioned institutions in the implementation of experiential and fun learning activities like fairs, quizzes and even seminars on journalism. The program also tapped education students enrolled in NSTP to offer tutorial classes to pupils and students who are slow learners in Math and Reading. A diagnostic test was conducted by the Program Team to determine the students recommended for the remedial tutorial classes. As the pace of learning does not only depend on the students'/pupils' ability to grasp the lessons but also on the teachers' ability to teach, an enrichment seminar-workshop on Reading and Math Teaching Strategies was also attended by teachers. Moreover, the beneficiary schools also received assistance from the program in the development of learning resource infrastructures, like libraries and medicinal gardens.

PhilRootcrops organizes gabi chips producers.

The PhilRootcrops had taken rootcrops processing a step farther by organizing the Gabi Chips processors in Liloan, Southern Leyte as Liloanon's Specialties. All food products coming from Liloan would now be under the name Liloanon's Specialties as part of the initiative to promote homegrown food products.

Trainings Conducted

Transfer of skills, knowledge and technology was done through trainings and workshops conducted by various academic units of the university. The topics of these trainings ranged from the technical aspects of livestock enterprise to crop management, human nutrition and physical health, socio-economic and environmental awareness and protection (Table 7).

Community Engagement and Services

Barangay Empowerment with CBMS.

With the effort of VSU's special program PANGUAPA, a new method in barangay development planning, was initiated in Guadalupe, Baybay, Leyte. This method called **Community-Based Management Systems (CBMS)** was introduced to empower the barangay council to have a clear grasp of the pressing needs and problems of the community, so as to tailor to the development plan of the barangay. After a training on CBMS, Barangay Guadalupe started building its CBMS data, which included the list of residents, number of undernourished children, out-of-school youth, availability and non-availability of basic social facilities and health services and other demographic information.

ALS A&E for OSYs. Two hundred eighty three (283) out-of-school youths (OSYs) from 14 municipalities in Leyte who had quit school due to financial difficulties were enrolled in the Alternative Learning System Accreditation and Equivalency Test (ALS A&E). The ALS A&E Test is a type of examination that gives education accreditation to passers depending on their level of literacy and competence in the general subjects. All of these OSYs had completed the non-formal education offered by the extension program Livelihood and Functional

Education for Youth (LIFE) Program of the Institute for Strategic Research and Development Studies.

Multi-media for Rootcrop Production.

An interactive CD on the production of cassava and sweetpotato was pilot-tested and is now on its refinement stage for production and distribution. This multimedia includes important information on cultural management, harvest and post-harvest processes. Agricultural technicians when giving lectures and presentations could use the material. It also includes a cost-and-return calculator, which is developed using the HTML format.

Technical assistance was provided to several groups of clientele, as follows:

- a. **Private individuals, government agencies and members of cooperative** - mushroom production.
- b. **Farmers, housewives, coop members** – orientation-seminar on common and rare pest problems and damage of disease and give recommendations to control insect pests and diseases.
- c. **EVIARC staff** - preparation of report for submission to DA-BAR.
- d. **Barangay-based project staff of PANGUAPA** - convergence planning for the barangay officials of Pangasugan, Guadalupe, Patag, and VSU.
- e. Technical assistance in the recruitment of **Alternative Learning System Accreditation and Equivalency System**.
- f. **Cosmo Oil Co., Ltd. Japan** – the use of rootcrops for ethanol production and the different cassava varieties for ethanol production.

Table 7. Trainings conducted/services rendered by departments/college/centers in CY 2007.

DEPT/COLLEGE/ CENTER	TITLE OF TRAINING/SERVICES RENDERED	TYPE OF CLIENTELE	NUMBER OF PARTICIPANTS
Department of Animal Science	Lecture on Poultry, Duck, Native Chicken and Hog Production and Management; Goat Raising; Carabao Production, Feeding Management and Dairy Processing	Farmers, Extension Workers, students/pupils, teachers, parents/guardians, professors, SB members	1,483
Department of Agronomy and Soil Science	Chemical Safety in the Laboratory; Vermicompost and Vermimeal Production and Utilization	Students, instructors, researchers, agricultural technician, LGU officials	76
Department of Economics	Economic Analysis of Native Chicken and Duck Production	Farmers, LGU officials	36
Department of Development Communication	Non-Linear Radio Production; Campus Journalism; Desktop Publishing, Photo Composition and Editing 1 and 2; DevCom orientation; Teacher Professional Development Training Workshop; Curricular Programs Review and Consultation and Planning Meeting in Instruction; E-Book Training	DevCom students, VSU faculty, researchers, scientists, DA-RFU7 Farmcasters, Tiller staff & Advisers of VSULHS, Liloan and Bontoc FITS Center staff and <i>Magsasaka Siyentista</i>	322
Department of Horticulture	Cultural Management on Fruit Trees Planting; IMO Preparation & Bioorganic Fertilizer Production; Fruit Tree Establishment; Asexual Propagation; Production of Cacao, Coffee, Cutflower, Ornamentals, Indoor Plants, Landscape Plants, Orchids, Fruit Trees, Vegetables, Durian, Lakatan, Saba, Jatropha & BOF; Saba Banana Production Using Tissue-Cultured Plantlets	Farmers, businessmen, students, instructors, LGU officials, government employees	385
Department of Pest Management	Medicinal Plants and their Uses; Uses of Pesticidal and Medicinal Plants; Mushroom Production; diagnosis of pest problems and gave recommendations	Farmers, students, businessmen, NGOs, technicians, MAFC members, barangay residents	115
ISRDS	Orientation on Barangay Development Planning Through Participatory Resource Appraisal (BDP-PRA) for BDP Facilitators; Seminar Series: Sexuality and Environment and Sociology of Gender; Agricultural Technologies in Eastern Visayas; The Roles of Institutions and Impacts on its Users; Teaching Strategies for Gender, Sexuality and Reproductive Health (GSRH) and Embedding the Anti-Sexual Harassment Advocacy in Educational Institutions; Trainer's Training on Skills for Life for OSY; Trainer's Training on Workshop Facilitation; Livelihood Systems Analysis Workshop; Political Education; CBMS Data Gathering; Children and Youth: Issues and Concerns; Common Medicinal Plants and Their Uses; 1 st Visayas Dev't Forum: Towards Mutual Understanding and Common Action; Facilitators' Training for Barangay Development Planning	LGU staff, NGO rep, VSU students & staff, SCU staff, GA staff, enumerators, researchers, private corporation, women, staff of DepEd, TESDA, MSWDO, DOLE; representa-tives of NGO, NGA, SCU, Water District	460

DEPT/COLLEGE/ CENTER	TITLE OF TRAINING/SERVICES RENDERED	TYPE OF CLIENTELE	NUMBER OF PARTICIPANTS
Department of Agroforestry	IUFRO International Conference on Small-scale Forestry; Second Regional Forest Policy Workshop; National Forestry Congress; University of Queensland International Student Tour	Researchers (local and foreign); students, instructors	380
Department of Forest & Wildlife Management & Conservation	Kick-start Planning Workshop on ECOBELT Project; Technical Working Group Workshop on ECOBELT Project; Core Group Workshop on ECOBELT Project	Researchers, students	86
Institute of Tropical Ecology	International Seminar and Workshop on Tropical Ecology; Project Learning Tree (PLT) and Water Education; Nature Trek; Environmental Leadership and Team Building; Environmental Education; Rainforestation Farming.		
Department of Pure & Applied Chemistry	Instrument Calibration, Operation and Troubleshooting	Lab Technicians, Faculty, Lab Analyst, Science Res. Asst.	25
College of Veterinary Medicine	Demonstration of Bacterial Culture and Isolation; Rabies Awareness and Immunization of Dogs Against Rabies; Diagnosis of Layer; Water analysis; Training on Epidemiology	Nursing/ Microbiology/ Pharmacology/ Vet. students and instructors	264
Department of Food Science & Technology	Meat Processing; Jackfruit Puree and Pastillas Making; Peanut Product Processing; Carabao Production and Management of Dairy-cum-Processing; Needs Assessment on Informal Survey; Cassava Cookies Production and Commercialization	Farmers, housewives	146
Department of Business and Management	Organic Production of Vegetables; How to Make a Feasibility Study; Business Planning for S&T-Based Farm Establishment; Entrepreneurship and Business Planning; Feasibility Study Preparation and Product and Marketing Technology; technical assistance	Agricultural technicians, LGU officials, MAO, Sangguniang Panlungsod of Baybay	250
Department of Science Education	Review Class for the Licensure Exam for Teachers; Orientation-Conference on Deployment of Student Teachers; Pre-Service Training for Student Teachers	BSEd, BEEEd students & other education graduates, principals, student teachers	477
Institute of Human Kinetics	Safety Awareness Celebration; Outdoor Manners and Proper Etiquette in Mountain Climbing; Acted as referee/judge/consultant/ choreographer/ facilitator during dance contest, sepak takraw, badminton tournament, Cup, sportsfests, cheerdance competition, choir contest, talent showdown	Students (high school and college), VFES pupils, dormitory occupants, members of tennis club, Maasin Provincial Tourism	1,030

DEPT/COLLEGE/ CENTER	TITLE OF TRAINING/SERVICES RENDERED	TYPE OF CLIENTELE	NUMBER OF PARTICIPANTS
BIDANI	Operationalization of BIDANI Strategy; Participatory Domiciliary Nutrition Rehabilitation (PDNR) Approach; Trainers of the Barangay Management Information System (BMIS) Software; Technical Backstopping in the Operationalization of BIDANI Strategy to Satellite SUCs, Municipal/City and Barangay LGUs; Orientation/ Reorientation Seminar on BIDANI Strategy; Sectoral Strategic Planning Workshop on Agriculture, Health, Nutrition, & Social Services; Support Services to CNC in the Brgy. Evaluation on Supplementary Feeding Program; Technical Support to PAGUAPA Strategic Planning; PDNR Advocacy Monitoring & Lecturettes; Orientation of Supplementary Feeding Program of the LGU	Municipal LGUs, BNS, MNAO, Mothers of malnourished pre-schoolers, BHWs, Brgy. Captains, Kagawad, MHO, MAO, MNAO, RHU staff, POPCOM, Dean, Extension staff, MTAC members, CSI missionaries, mothers, BSPO, DepEd teachers, school children, high school students, CNC members, PCC staff, midwives, Agricultural Technicians	4,902
NARC	Abaca Fiber Grading Classification; Operation, Care and Maintenance of Portable Abaca Spindle Stripping Machine; Potting and Nursery Establishment of Tissue-Cultured Abaca Planting Materials; Plant Tissue Culture Techniques, Laboratory Operations and School Tip Culture of Abaca; Upgrading Skills Training on Abaca Fiber Rope and Abaca Product-Making	Abaca farmers, Coop members, businessmen/women, foreign students, researchers, rural men/ women, students, teachers, LGUs officials, staff of DTI/ FIDA/SPMI, private	1,661
PhilRootcrops	Bio-fertilizer Production and Compost Making; <i>Pinoy</i> Fries Processing; Cassava Grates Processing/ Utilization; Cassava Production; Sweet potato Production and Processing; Root-crops Processing entrepreneurs	Farmers, housewives, DA technicians, LGU staff, OSY, DAR staff, HE teachers, students, Manobo tribe,	1,115
FARMI	Hands-On Training on SRI; Pasture Management; Goat Production; Forage Species Selection and Sourcing; Basic GIS; Forage Production & Management; Web GIS Application; Presentation of ACIAR-Generated Technologies; Process Documentation	Farmers, Students, LGU, Farmer-partners of SWCF/MFI-Cebu/ PROCESS, academe, DA technicians, beneficiaries of DSAC, Naval, instructors	359
NCRC-V	Coconut Production & Intercropping; Makapuno Embryo Culture; selection of planting materials and suitable sites; choice of border plants and intercrops; fertilizer application; copra drying and charcoal making; choice of makapuno planting materials and its management and cultural practices	Coconut farmers, students, technicians, gov't. employees, LGU personnel, businessmen/ investors, PCA staff from Catbalogan Samar	1,506
ITE	Project Learning Tree & Water Education for Teachers, Educators and Facilitators; Nature Trek; Environmental Leadership & Team Building; Environmental Education; Reforestation Farming; IMFARMC Special Committee Seminar	Students, Tourists Operators, bank staff, VSU TARSIER, pupils, teachers, indigenous people, farmers, Brgy. Council, LGU, Pinatubo eruption victims	5,532

DEPT/COLLEGE/ CENTER	TITLE OF TRAINING/SERVICES RENDERED	TYPE OF CLIENTELE	NUMBER OF PARTICIPANTS
Graduate School	Online Teaching and Learning Using the Open Source SAKAI software	VSU faculty members involved in the extramural studies	10
DYAC	Non-linear Radio Production Techniques Training; Protection of Women and Children Against Violence; Co-Management Agreement; Digital Recording and Non-Linear Editing; School-on-the Air on Tree Farming Policies; public service announcements	DA Cebu information officers, BHW, IMPARMC, LGU, CENRO, staff of DYSL Radyo ng Bayan, Sogod, So. Leyte	106

- g. **LGU-Lope de Vega, Northern Samar** – IMO and rootcrop processing technologies in reference to the livelihood development of Lope de Vega.
- h. **LGUs** – a program on waste and chemical-free municipality and establishment of a rootcrop nursery and Pinoy fries enterprise development.
- i. **DARPO-Biliran and the Provincial government of Albay** – proposal development on rootcrop-related projects and trainings.
- j. **LGU-Pintuyan** – cassava production and contract growing with San Miguel Corporation and training request for cassava production.
- k. **ITDI-DOST Bicutan, Taguig City** – ethanol production from sweetpotato and on the management and control of pests and diseases of sweetpotato.
- l. **JanMer, Liloan, Southern Leyte, Triple A Plantech, San Pedro, Laguna, Merro's Enterprises, Bunga, Baybay City** – gabi chips production.
- m. **Provincial Government of Bohol** - the development of a master plan for GIS-based Management Information System for Bohol Water Resources
- n. **DA-Leyte province** - the evaluation of CPAR-Jaro project.

Farmers Field Day 2007 honored a big gathering of farmers and fisherfolks.

On its 25th year, the FFD was held on August 10, 2007 at the Convention Center and succeeded in drawing the biggest number of farmers and fisherfolks with 1,922 registered participants since its inception in 1982. The Farmers and Fisherfolks Forum served as a venue for the exchange of experiences and knowledge among farmers, extensionists and researchers. Regional Executive Director Leo P. Cañeda of the Department of Agriculture (DA 8) delivered the message of DA Secretary Arthur Yap. The Forum was followed by the awarding of the 2007 Ugmad or Outstanding Farmer-Entrepreneur which is a recognition given to farmers who started small but attained farm productivity with the use of environment-friendly technologies. The 2007 Ugmad Awardee was Mr. Arturo Pasacas who shared his knowledge, borne out of training and experience, with other farmers in his community. Mr. Pasacas is from Sitio Panoypoy, Oquendo District, Calbayog City. He sets out to build his family and assists the community in its livelihood program through comprehensive container gardening.

Assisting in the Baybay Coco Festival 2007. VSU has always been at the helm of the annual Baybay Agro-Fair and Exhibit, which is held to coincide with the city fiesta season of Baybay. The 2007 agro-

fair revolved around the Coconut, which has proved to be a great driving force in the local economy. VSU was present in the planning and implementation of the various activities, which covered the search and the awarding of the Outstanding Farmer of Baybay 2007, the Agri-Exhibit at the Baybay Plaza, the Coco Recipe Contest, the Mananggete Dance Contest and the Launching of the Baybay Tall. Baybay Tall is a tall coconut variety which is cited by the National Coconut Research Center-Visayas (NCRC) in VSU for its high fruit quality value, early bearing and high yielding qualities. The Center provided planting materials to participants for free as one way to promote the variety.

Sustaining management of marine protected areas in Southern Leyte.

Provincial, city and municipal extensionists of Southern Leyte were trained on how to manage marine protected areas. The training and technical services were offered by the project “Enhancing Management Effectiveness of MPAs: Regional Capacity Building in Indonesia and the Philippines” which was implemented by VSU in cooperation with the University of Rhode Island-Coastal Resources Center, USA, the Center for Sustainable Coastal Resources and Environment (SCREEN), the Indonesian government, and the Provincial LGU of Southern Leyte. As a result, four Community-based Marine Protected Areas (CB-MPA) Management Committees were established. The committees were tasked to monitor and evaluate the MPAs using biological, socio-economic and government indicators. Four established MPAs now serve as demo sites and models for other CB-MPAs in the province.

Monitoring and Evaluation

Extension review goes a step higher with field visit. The 2007 Annual Extension In-House Review is a mechanism

to assess the accomplishments of extension programs/projects of VSU. The results of the review are bases in the development of strategies to achieve greater impact and to keep VSU on track with the needs of its stakeholders. Nineteen extension projects and programs encompassing rootcrops, abaca, coconut, food processing, natural resource management, coastal resource monitoring, nutrition and institution building were reviewed. To validate project reports, a field visit was conducted on a number of projects. The field visit enabled the evaluating team to interact with the beneficiaries of extension projects and clarify vague points.

Awards and Recognition

Extension programs received awards in the 19th reg'l R&D symposium.

Two extension projects received awards in the 19th Regional R&D Symposium held in the VSU Garden and Beach Resort on May 24-25, 2007. Dr. Roberto C. Guarte's project on “Technical and Economic Evaluation of the Plant Oil Stove” was cited as the Best Development Project. On the other hand, Engr. Alan B. Loreto, Prof. Christina A. Gabrillo, Mr. Dale P. Loreto and Ms. Ma. Elsa M. Umpad's project on “Development of a Multimedia Technoguide for Cassava Cultural Management” won the second Best Development Project.

Resource Generation

Corn-cassava intercropping project kicked off, funding secured.

ODREX facilitated the implementation of the LBP-TPC funded project on Corn-Cassava Intercropping, which finally started in February 2007 with a total approved budget of Php69, 814.00.

General Administration



OFFICE OF THE PRESIDENT

The Office of the President supervises the operations of the University and the implementation of the different programs. It accomplished the following:

1. The **Internal Audit Service Office (IAS)** reviewed the leave records of 46 employees and submitted the reconciled figures to the Human Resource Management and Development Office (HRMDO), the accuracy and correctness of 107 notices of step increment (NOSI) and 400 notices of salary adjustments (NOSA, the monthly reports of 31 income generating projects under special trust fund and revolving fund; conducted a special audit review of VSU Infirmary collections and remittances of funds to Cash Division, VSU Garden Beach Resort project, and ascertained the legal basis in granting the 2007 medical allowance to VSU employees; and verified the report of collections and deposits of PCC, ViFARD, ATI-NTC, VFES, and employees' payments to electric bills/garbage/water/and housing fees under Special Trust Fund, Fund 101 Trust and 101 Income.
2. The **Anti-Sexual Harassment Office** received complaints of sexual harassment and assisted the complainant in the preparation of the written complaint and affidavits of witnesses; facilitated the notarization of affidavits of complainants and witnesses; conducted orientation on sexual harassment to freshmen students during their orientation; produced and aired the topic on anti-sexual harassment, in coordination with DYAC, in the school-on-the-air program; made recommendations to the disciplining authority to ensure security of complainant; and submitted to the Civil Service Commission an authenticated copy of VSU's Implementing Rules and Regulations (IRR) of the Anti Sexual Harassment Act of 1995 for correction and approval.

OFFICE OF THE VICE PRESIDENT FOR ACADEMIC AFFAIRS

The Office of the Vice President for Academic Affairs directly supervises the Office of the Director for Research and Extension (ODREX), the Office of the Graduate School (OGS), the University Student Services Office (USSO), the Office of the Director for Curriculum and Instruction (ODCI), the Office of the University Registrar, and the University Library. It accomplished the following:

The **Office of the Vice President for Academic Affairs (OVPA)** monitored the general registration/enrolment of undergraduate and graduate students; strengthened linkage with STEP@TUAT and facilitated the screening of participants for the program; evaluated records before granting graduating students with Latin Honors and led

in the selection of Most Outstanding Students; spearheaded the Annual Academic Convocation and the 83rd Anniversary Convocation; and monitored and evaluated workload assignments of faculty with designated administrative position for honorarium purposes and of faculty on vacation-sick leave as basis for compensatory day off.

Concurrently, the Office of the Vice-President for Academic Affairs also supervises the Office of the Director for Research and Extension, Graduate School, University Student Services Office, Office of the Director for Curriculum and Instruction, University Registrar, and Admissions.

1. The **Office of the Director for Research and Extension** oversees the Research and Extension functions of the University. It also supervises special units such as the Technology Licensing Office and Special Projects, the Plant Disease Diagnostic Laboratory, the Central Analytical Service Laboratory, the Geographic Information System Service Unit, the Information and Communication Technology Unit, and the Office of the Annals of Tropical Research.

a. The **Technology Licensing Office and Special Projects** is tasked to facilitate the processing of patent, copyright, trademark, plant variety registration and other IPR related activities. It also assists in the formulation and coordination of the Biosafety and Bio-Prospecting activities of the university. In 2007, the unit facilitated the evaluation and processing of two (2) Utility Model applications for the Intellectual Property (IP) registration, namely: Processing Vacuum Fried Ripe Jackfruit and the Processing Sulfite-Free Dehydrated Jackfruit; revived the IP application of the following: Fiber Twining Machine, Macapuno Meat Loaf, and Macapuno Meat Burger; presented the following four (4) VSU technologies during the DA-BAR Techno Forum on October 18, 2007 at the Cebu Grand Hotel: Vacuum Fried Jackfruit,

Abaca Power Stripper, Cassava Flour and Grates Processing and the SP Pinoy Fries; and filed seven (7) applications for patent (under substantive examination), nine (9) for utility model, and two (2) trademarks: *Embryo Culture Technique for Hybrid Macapuno*, *Curing Protocols Applied in Sweetpotato for Pickle Production* *Fiber Twining Machine*, *Portable Moisture Meter*, *Baked Snack Food from Boiled Cassava*, *Preparing Jackfruit Juice*, *Vacuum Fryer*, *Macapuno Delight*, *Macapuno Leather*, *Macapuno Beef Burger*, *Macapuno Meat Loaf*, *Cassava Starch Cake*, *Cassava Palitaw*, *Cassava Crisp*, *Cassava Waffle*, *Multiple Stranded Yarning Machine*, *VSU Seal*, *Search for Truth*, and *Visca product's trademark*.

The special projects conducted the following activities: facilitated the development of three research proposals for funding by ACIAR - Vegetable Protected Cropping Project (approved for implementation), Soil Management and Crop Nutrition, Control of Jackfruit Diseases; and facilitated the development and submission of proposals for the Land Administration and Management Project (LAMP) for funding by AusAID.

b. The **Plant Disease Diagnostic Laboratory** (PDDL) serves as an expert laboratory for the accurate diagnosis of plant diseases for farmers, researchers and other clientele in the region. It particularly focuses on the early detection of the abaca virus diseases. For the year 2007, the PDDL diagnosed and detected abaca bunchy-top virus from 138

samples brought by the clientele from Mahaplag and Abuyog in Leyte, and from Southern Leyte. The detection protocol involved total DNA extraction followed by PCR amplification. Provided routine diagnosis of other plant species diseases (22 plant samples); PDDL also served as an educational facility for VSU students and hosted thesis students. It generated Php24,507.00 from its services.

- c. The **Central Analytical Service Laboratory** provides services for the chemical and physical analysis of soil, plant and animal tissues and water quality. In 2007, the laboratory had processed 1,065 samples for various chemical analysis from 156 water samples, 352 plant samples, 486 soil samples and 71 samples of other types of materials. The clients served varied from farmers and businessmen (14), students (86) and researchers (28); and as a self-liquidating analytical facility, Php138,405.26 was generated, of which Php98,600.00 is still collectible.
- d. The **Geographic Information System Service Unit** serves the community in generating physical maps and plans for various clientele such as researchers, students, LGU, NGO and SUCs.
- e. The **Information and Communication Technology Unit** manages the IT network operation center of the university particularly for instruction, research and extension functions. In 2007, the unit led in the drafting of the VSU IT policies and guidelines; established the E-library system of VSU which could be browsed through the

university webpage; established the VSU intranet services; established a backup route of ISPs; identified IT coordinators in every VSU office; maintained the VSU webserver, proxy server, VOIP, VCON, routers and other network active and passive components; setup the network system of the computer laboratory of the Department of Development Communication; led in the installation of computers of the Techno-Gabay FITS centers; and facilitated the videoconferences of VICARP-Lilo-an and Capoocan FITS centers, and the APARE during the PCARRD Anniversary.

- f. The **Office of the Annals of Tropical Research** takes charge of the publication of the university funded scientific journal. Two issues were released during the year: ATR Vol. 29 No. 1 and a special issue on ACIAR-funded research and two issues are in press (ATR Vol. 29 No. 2 and a special issue on ACIAR-funded research).
2. The **Graduate School** implemented the approved graduate curricular offerings of the university; conducted training on Online Teaching and Learning Using the Open source SAKAI software to the faculty members who were involved in extramural studies; released the 2006 Science and Humanities Journal Vol. 6, 2007; revised the Graduate School Information Bulletin and the 2007 Graduate Students Handbook.
3. The **University Student Services Office**, through the Dean of Students, served as the LEP point person to coordinate the TESDA Scholarship for ladderized program of VSU; conducted Job Fair, in coordination with DOLE,

POEA, NBI, DFA, and NSO Regional Offices in Tacloban City, for local and overseas employment; conducted a forum on *Drug Use*, seminar on *Guidance in the Operation of Student Organizations* and the *Organization Finances-College Level, Information Campaign and Scholarship Forum with the Department of Science and Technology (DOST) Region 8* and the *VSU-DOST Information Campaign and Scholarship Forum* for graduating high school students, job seeking seminars for graduating college students, guidance and counseling to college and high school students, and team building for dormitory advisers and assistant advisers; administered and interpreted psychological test results of 1,165 examinees for various purposes; facilitated the insurance claims of 12 students, the delivery of the financial assistance program through scholarships and grants, recognition of 58 student organizations in the VSU Main Campus, and processing of papers of student delegates to the different leadership trainings; organized the 4th Annual Awards Night and the 28th Honors Convocation; coordinated and monitored the activities of the different student organizations; and established linkages with Job Placement Agencies for the employment of VSU graduates.

- a. The **Admissions Office** had admitted 1,191 freshmen, 106 transferees, 73 returning students, and 5 second courser students for the first semester of SY 2007-2008, and 25 freshmen, 28 transferees, 41 returning and 2 second courser students for the second semester. The office coordinated the conduct of the VSU entrance scholarship examination with 1,247 examinees that took the entrance scholarship examination and the

BS in Nursing admission test in 41 testing centers from September to November 2007. Information drive/campaign regarding the University's curricular offerings also had been conducted in several secondary schools.

4. The **Office of the Director for Curriculum and Instruction** spearheaded the review of two proposed degree programs of the University – BS Biotechnology and BS Nursing (ladderized curriculum); reviewed new and revised curricular offerings of the different units of the university and external campuses; coordinated in the preparation of instructional materials; reviewed workload distribution of all faculty members and teaching performance evaluation of students; conducted the First Curricular Program Review and Planning Meeting in Instruction on April 24-26, 2007 and the seminar on "Briefing and Orientation of Part-Timers, GTA's and New Instructors" on June 29, 2007 to promote quality instruction in upholding excellence and competence in teaching; supervised the BS Nursing as a special program of the university; designed and developed promotional videos of VSU's Curricular Programs to be used during information campaigns; conducted information drive and entrance scholarship examinations to graduating high school students in Regions 6, 7, 8, and in the CARAGA region; submitted documents to the following agencies: PASUC – all ladderized curricular proposals of the Visayas State University; COA of VSU – the faculty development program of the BS in Nursing in relation to its Risk Financial Audit; CHED and TESDA – for the issuances of Certificate of Program Registration (COPR); and Certificate of Authority (COA) for the ladderized BS Nursing program; and reviewed

and recommended staff development programs and the renewal, hiring, change of tenure, leave status, distribution of individual faculty workload and projected workload of all academic departments.

- a. The **Multi-Media Development Center (MMDC)** facilitated the production of laboratory manual of Biology 11 and instructional module in PB 110 submitted by faculty of the Department of Plant Breeding and Genetics; produced video documentaries and storybook, in collaboration with the Department of Development Communication, entitled *Tanod-Kalikupan: Experiences in Community-Based Biodiversity Initiatives*; accepted instructional materials submitted by faculty members for evaluation and publication by MMDC; and produced, in collaboration with DDC, a monograph entitled "Building Young Entrepreneurs: PhilDHRAA's Experiences in Inopacan".

5. The **Office of the University Registrar** monitored and followed-up 2,178 incomplete grades of students; attended to 11,935 requests from students for verification of records, deficiencies and record evaluation; evaluated and updated 15,497 records/checklists of students; assisted the different colleges/departments of VSU in the enrolment of students; and generated a gross income of Php820,966.75 from the different services rendered.

6. The **University Library** web page was updated with additional information on the library profile, rules and regulation, services, collection, and list of library staff. The Sci-Net Integrated Library Management System (SILMS) developed by DOST for adoption in the libraries of Region 8

was installed and customized and the uploaded SILMS to the Internet has the URL:<http://library.lsu-visca.edu.ph>. The converted library database to My SQL has been encoded to the integrated library system. The University Library acquired additional publications and learning resources which brought the library inventory to 62,828 accessioned volumes as of December 31, 2007. It acquired through purchase or donation 1,003 books, 82 serials, 6 newspapers, 42 CD-ROMs, 5 VCD, and 333 theses and dissertations/case studies/special problems; The University Library received 448 titles of books and paperbacks donated by the Commission on Filipino Overseas; teaching materials consisting of 20 titles on Biotechnology and related topics, 1 laptop computer and a Panasonic LCD Projector were donated by the Manila-based International Service for Acquisition of Agricultural Biotechnology Association through Dr. Randy Hautea, Global Coordinator and the Biotech PIU of the Department of Agriculture through Ms. Annalyn Lopez; as a depository library of FAO-UNESCO, IRRI, APO, PCARRD, the University Library continued to receive books and journals; libraries of external campuses also acquired books during the year: VSU-Alangalang – 166 copies of various books; VSU-Villaba Campus – 79 copies of various books; VSU Main and Villaba Campus received 49 and 35 titles, respectively, from the Asia Foundation, Book Donation Program; and Mr. Philip Symons, a Computer Programmer in Investment Banking based in London, donated 18 volumes of books specifically for the BS Computer Science students and faculty of the VSU Main.

VICE PRESIDENT FOR DEVELOPMENT & EXTERNAL AFFAIRS

The Office of the Vice President for Development and External Affairs (OVPDEA) supervises the Planning Office, Information Office, VSU Radio DYAC, University Review Center, and the Office for Auxiliary Services (OAS) and Income Generating Projects Office (IGP). In 2007, the Office was able to generate an income of P598,075.00 from the following organizations that conducted their religious activities, seminars, and workshops at VSU: Social Security System (SSS), World Bible School, Philippine Society of Animal Science (PSAS), Couples for Christ-Youth for Christ (CFC-YFC), and Manila Mission of the Church of Jesus Christ of Latter-Day Saints.

1. The **Planning Office** consolidated and published, in coordination with other offices, the 2006 Annual Report of the University; updated and published the 2007 VSU Book of Facts and Figures; consolidated the 2008 VSU Annual Development Plan; and encoded the changes/corrections of the VSU Code.
2. The **Information Office** documented important University activities/programs and published 50 issues of the VSU Obelisk, a newsweekly publication of the University; wrote and submitted the following articles for printing in national publications: "Leyte Farmer Makes Decent Living Through Integrated Farming" – published in the Agriculture Magazine in June 2007, Mount Pangasugan photo feature – published in the Manila Bulletin, June 12, 2007, Vol. 414 No. 12, "Saving Eastern Visayas Last Forest Frontier – A Commitment of the Visayas State University" – submitted to the Philippine Star; "Visayas State U has new president" – submitted to the Manila Bulletin, "PCAMRD Exec stresses benefits of vermicomposting" – submitted to the Agriculture Magazine, and "Visayas State U strengthens fight against *Brontispa* in coconut" – submitted to the Manila Bulletin; edited the VSU Annual Report, Development Plan, and Facts and Figures; maintained the Bulletin Board near the OVPAA by putting up thematic, educational, and socially constructive displays, including pictorial showcase on the University's significant activities; and prepared and sent advertisements of VSU's academic programs for printing in publications/souvenir programs.
3. The **VSU Radio DYAC** conducted four (4) Schools-on-the-Air (SOA) on the following topics: Tree Farming Policies on Private Land, *Pinoy* Entrepreneurship, Proper Nutrition, and Responsible Teenage Sexuality; revived the 3 o'clock prayer and the Angelus to cater to the demands of DYAC listeners; produced radio plugs using fun, fear and informative appeals to promote ACIAR-Forestry's tree extension activity. This activity was done by the broadcasting major student; continued the in-house program evaluation to improve DYAC programming and make it more interesting to the listening public; conducted a live coverage of important activities of the university, like commencement exercises and anniversary convocation; produced and aired for free straight-announced and dramatized spots related to Farmers' Field Day, Kaugmaran Festival, Pinaka-farm Products Contest, Miss VSU 2007, Baybay Coconut Festival, Baybay Agro-Industrial Fair, Baybay Fiesta, Baybay Street Dance; produced scripts; aired

Table 8. Income of projects monitored by the IGP Office (2006-2007).

PROJECTS	2007	2006
RF-IGP		
Pavilion	5,914,283.65	5,240,679.82
Hostel	1,889,403.00	1,844,641.90
Coconut Non-Food	3,092,778.10	1,805,565.10
Printing Press	468,046.39	388,622.10
Rice	44,880.00	216,896.33
Buko & Coco Seedlings	136,740.00	70,365.00
SUB-TOTAL	11,546,131.14	9,974,816.93
Non-RF IGP		
Fuel Station	2,495,277.08	1,800,653.48
Feedmill	260,021.24	512,690.44
LSU Market	442,837.29	431,468.70
Makapuno	286,760.00	402,342.00
Rootcrops	339,693.85	266,933.35
Manila Lodging	231,835.00	198,205.00
SDMU	233,852.80	123,997.60
DASS (Soil Lab)	144,204.50	183,836.87
Cebu Lodging	130,070.00	181,530.00
Bindery	210,301.15	142,459.50
Convention Center	221,202.50	128,401.00
Ornamentals	140,851.00	127,909.00
Infirmary	153,831.00	95,121.45
PPO Shops	47,115.70	53,074.60
Beef/Carabeef	152,165.00	30,280.00
Corn Seeds	59,942.25	32,987.75
Horti Nursery	102,003.38	41,250.00
Library Fines	33,696.00	-
Locally Grown Seeds	28,565.50	22,318.73
Handbooks/Photocopying	28,285.00	11,325.00
Recreation Center	23,371.30	31,221.16
Goat/Sheep	28,820.00	23,930.00
Seedbank B	6,790.00	1,985.00
Coconut Food	1,040.00	675.00
Coco Intercrops	12,770.10	6,295.00
Technoguide Training	5,643.00	11,849.00
Sustained Yield	23,004.00	38,425.00
Duck and Poultry	-	1,200.00
FARMI Demo Farm	-	2,926.93
PUV Fees	-	10,400.00
Garden Memoir	-	1,304.00
SUB-TOTAL	5,843,948.64	3,153,789.08
GRAND TOTAL	17,390,079.78	13,128,606.01

radio plugs for DA-8, DOST-8, LGU-Baybay, etc.; and served as the center of digital recording, mixing and editing especially on important events of the university, VFES, VLHS, Baybay, and other schools and municipalities of Leyte, Southern Leyte, and Cebu; did public service announcements to the satisfaction of the clientele; aired Christmas Message of the VSU President for the whole month of December 2007; conducted lectures and demos during tours of university visitors; aired special programming during Christmas and DYAC's silver anniversary; installed audio line from the studio to the Center for Continuing Education (CCE); rewound six (6) plate transformers of the station; and processed the permit from the National Telecommunications Commission (NTC) for the release of the NTC license for DYAC.

4. The **University Review Center (URC)** facilitated the conduct of reviews classes for the following: Agriculturists, Foresters, Teachers, and Veterinarians; developed and produced brochures for review classes for Licensure Examinations for Agriculturists, Foresters, Teachers,

and Veterinarian; and generated a gross income of P1.135M from the review classes and the sale of review materials.

5. The **Office of the Director for Auxiliary Services (ODAS)** and **Income Generating Projects Office (IGP)** monitored the six (6) income generating projects under the Revolving Fund (RF) and 31 projects for the Non-RF category; recorded a gross income of P17,390,079.78 during the year consisting of P11,546,131.14 from RF and P5,843,948.64 from the non-RF (Table 8); constructed a dirty kitchen at the Fast Food Center and two (2) urinals at the VSU Market; roughened the floor of the wet market (fish and meat sections) to prevent accident; partitioned the space of the former Bookstore; revived the "market day" every Thursday at the VSU Market; landscaped and beautified the "mini park" at the VSU Market; facilitated the amicable settlement of a case filed by market concessionaires against VSU administrators; and facilitated the collection of accounts of delinquent concessionaires at the VSU Market and the Fast Food Center.

VICE PRESIDENT FOR ADMINISTRATION AND FINANCE

The **Office of the Vice President for Administration and Finance** supervises the following offices: Office of the Director for Finance, Office of the Director for Administration and Legal Office and the Office of the Director for General Services (ODGS). It accomplished the following:

1. The **Office of the Director of Finance (ODF)** oversees the Finance Division which comprises the Accounting Office, the Budget Office and the Cash Office. The Finance Division is tasked in the allocation and management of the university's financial

resources through a systematic and organized process of recording, examination and interpretation of financial records and reports and the evaluation, formulation and installation of accounting, auditing, and management control systems.

During the year under review, the university had zero disallowances for all expenditures. It facilitated the financial services of the 44 administrative offices, 28 academic departments, 4 satellite campuses, 3 national research centers, 2 research units, and 3 auxiliary service units; controlled, monitored and disbursed funds from the annual government subsidy of GAA, Special Trust Fund (STF), Income Generating Projects (IGPs), and grant funds of the different departments/centers/offices/campuses, 62 research and extension projects under GAA, 5 IGPs, 63 STF projects/accounts, 91 General Trust accounts, and 114 research and other grants/donations; facilitated the approval and release of funds for the terminal leave benefits and retirement gratuity of 18 retirees, CNA incentive for faculty and staff, performance bonus, accounts payable, realignment of PS savings with the MOOE and Capital Outlay, utilization of salary lapses for the payment of loyalty bonus, monetization, night shift differentials, subsistence, laundry and other benefits of Infirmary personnel; and implemented the utilization of STF and continuing appropriation for the completion of Phase I of the ICT Building.

2. The **Office of the Director for Administration (ODA)** supervises the Supply-Property Management Office, the Records Office, the Human Resources and Development Office and the Legal Office (LO). In 2007, the **ODA** and the **LO** facilitated the forum on Public Accountability with Ombudsman Director Virginia P. Santiago as speaker; facilitated the enrolment of VSU staff and other government employees in the use of GSIS ECard plus; assisted the

VSU Isabel Campus in resolving its problem regarding a problematic instructor, and settled the case of VSU Villaba Campus due to a vehicular accident resulting in the death of the victim until the insurance company reimbursed the expenses incurred by the school; investigated and settled the complaint of eight students against two individuals; prepared the draft of the Memorandum required of the case of a former staff at RTC Baybay which already rested for decision by the Court; assisted the Office of the Solicitor General in preparing pleadings and supporting affidavits of the petition for mandamus filed by LSUFA against BOR; settled the complaints filed by VSU personnel against a multicab driver and another VSU staff; finalized the agreement with the 10 squatters of VSU lots regarding their temporary stay; prepared the petition of the University Review Center to CHED for VSU to operate as a review center; drafted the answer to the Indirect Contempt filed by a VSU faculty against the Board of Regents; acted upon and settled the complaint filed by a security guard against her supervisors through the Grievance Committee; and acted upon and submitted the recommendations on the different cases to the Preliminary Investigation Committee for appropriate action.

- a. The **Supply and Property Management Office (SPMO)** prepared 750 Acknowledgement Receipts of Equipment (ARE) and Inventory Custodianship (ICS) of newly acquired supplies and equipment, Waste Material Reports, and Inventory and Inspection Reports of

Unserviceable Property returned by VSU personnel, Inspection Reports and Stock Position Sheets of delivered supplies/materials/equipment, and Monthly Report of Supplies and Materials issued and submitted to the Accounting Office; conducted physical inventory and prepared Invoice Receipt of Property (IRP) to transfer accountabilities of retiring/transferring staff; received and stored supplies and materials acquired through the Procurement Service Office of the Department of Budget and Management (DBM) and through public bidding; inspected and distributed supplies and materials to the different offices of the university as well as live and dead farm animals for disposal; assisted the Disposal Committee in the bidding of unserviceable equipment; renewed the registration of University vehicles; reconciled the Property Inventory Records of SPMO, VSU-Main and the external campuses with the Book of Accounts at the Accounting Office; facilitated the procurement of 840 Purchase Requests (PR) for office supplies, construction materials and equipment from the different units of the University as well as their payments to the suppliers; improved the system of withdrawal/delivery of supplies/materials/equipment by following the suggestions of COA; conducted and maintained a systematic monitoring system in the processing of requests of the different units of the University; conducted three public biddings; and implemented the provisions stipulated in RA 9184 known as the "Government Procurement Reform Act" in the procurement process.

- b. The **Records Office (RO)** conducted inventory of land titles purchased by VSU and records of VSU employees of 201 personal files in compliance with the Civil Service Commission's recommendations; submitted a Request for Authority to Dispose Records which was already approved by the National Archives of the Philippines and is waiting for a representative of the National Archives to supervise and witness on the actual records disposal; rendered efficient records reference services to the different units of the university; displayed archival photographs and records of permanent value to the university; delivered 17,250 communications, messages, memoranda and correspondences to the different units of the university; and recorded in the logbook 100% outgoing official mails for records and reference purposes.
- c. The **Human Resource Management and Development Office (HRMDO)** facilitated the processing of 479 renewal of appointments, 63 original appointments, 5 change of status from temporary to permanent or lump sum to plantilla item, 4 promotions and one promotion of VSU personnel; coordinated the conduct of nine (9) different trainings/seminars for the VSU community; and resubmitted to DBM the request for creation of the following positions: Instructor I, Guidance Counselor I, Administrative Aide III and upgrading/reclassification of Engineer II and Administrative Officer V positions.

3. The **Office of the Director for General Services (ODGS)** supervises the Building Maintenance and Construction Division, Transportation, Motorpool and Farm Equipment Maintenance Division and the Utilities Division. It accomplished the following:
 - a. The **Building Maintenance and Construction Division (BMCD)** constructed Phase I of Alumni Building; supervised the continued construction of Phase I of IT Building, USSO Student Lounge, University Marker, Tarsier Sanctuary at the Nature Park, Stockroom Garage and a classroom at the ITE Building, and Beach Resort Swimming Pool including Kiosks, comfort rooms and landscaping; renovated the Infirmary Building; renovated and converted the Home Science Administrative Office into a HRTM Mini-Hotel; renovated and converted the College Union Kitchen into a Nursing Skills Laboratory; repaired and repainted the Gymnasium Stage, ceiling and installation of plywood partitions at the University Library, and VSU Bakery; repaired the Amphitheater Stage and Bleachers, Home Science Building, exterior walls of three laboratory rooms of the Veterinary Medicine Building, two (2) units of staff apartment, College of Education faculty room and staff offices; fabricated steel bookshelves for the University Library, clothes lockers and furniture for the Security Quarters; and constructed perimeter fences in the High School Buildings and along the dumpsite.
 - b. The **Transportation, Motorpool & Farm Equipment Maintenance Division** conducted major body repair and repainting of the Fire Truck, Garbage Truck and Nissan Sentra, engine overhauling and repair of Tamaraw FX and L-300 van; repaired the body and underchassis of Toyota Land Cruiser; repaired and repainted the Disc Harrow and Disc Plow attachments of the tractor; painted and sprayed of oil on the under chassis of university vehicles; installed power steering of Isuzu dump truck; attended to the following job requests: 225 hauling services, 50 land preparation, 52 land excavation and leveling of area, 41 lawn mowing services, 6 corn shelling, 2 towing services, 292 vulcanizing, 72 repairs of motor vehicles, 67 changing tires, 44 welding works, 12 machining works, 8 battery charging, 7 sharpening, 4 electric motor rewinding, and 2 car washing; continued the monthly servicing of light and heavy equipment; segregated the recyclable wastes at the designated Materials Recovery Facility and the biodegradable and non-biodegradable at the dump site; maintained the cleanliness and beautification of campus grounds and roads; and cleaned irrigation and drainage canals and maintained the perimeter fence around the experimental areas, including highway fence.
 - c. The **Utilities Division** maintained the provision of water and electric power supply inside the university campus; repaired and maintained

the Pad Mounted Distribution Transformers of the upper campus and pole mounted transformers at the lower campus, overhead primary and secondary lines of the upper and lower campus, streetlights and security lights, lighting fixtures/outlets of the university buildings, electrical wirings/starter and alternator; repaired 50 electrical and electronic laboratory equipment; installed and provided sound

system services for various affairs of the university; conducted meter reading, monitoring and tabulation of power consumed by all building occupants; repaired water main lines, distribution lines and supply lines to various university buildings; repaired sewer lines, tank fittings, faucets and urinals of buildings; cleaned the intake boxes of water sources at the water reservoirs; and attended to 267 plumbing job requests.

EXTERNAL Campuses

The **VSU ALANGALANG CAMPUS** facilitated the processing of papers for appointment and retirement of faculty and staff; installed column hollow blocks at the drainage canal, feeder line, and double pole throw and double pole single throw switches; installed steel rafters at the High School Building, doors to pump house, and faculty cubicles; replaced sidings and ceiling as well as the conference and evaluation rooms of the Administration Building; and dismantled the dilapidated ceiling and roofing of the High School Building.

The **VSU-ISABEL CAMPUS** completed the welcome markers in both boundaries and the water falls; partially completed the new guardhouses, side boundary fence, landscaping of the Administration Building, roofing of Upper Campus comfort rooms, elevated foot path; prepared the site for the Sports Complex; repaired comfort rooms, cottages, doors and windows of classrooms and offices; purchased additional projectors, computers, aircons, big tents, telephones for the guardhouse, laboratory facilities, and books.

The **VSU-TOLOSA CAMPUS** sent faculty and staff to attend trainings in spite of minimal allocation for staff development; renovated the Annex College Building into a New Library Building; acquired books through the donation of Philippine Asia foundation; hosted the Council of VSU

Deans' meeting; tapped *An Waray* party list representative for the development of the two lagoons in front of the Administration Building and the Congressman of the 1st District of Leyte for the completion of the repair of the Student Center; and realized a gross income of P68,043.00 from the different projects.

The **VSU-VILLABA CAMPUS** negotiated to acquire a new site along the national highway; purchased more IT equipment and library resources; completed the concreting of a 400 m lane going to the Administration Building; repaired/renovated the administration building, academic buildings, guest house, student center, laboratory rooms, nursery, and animal projects; assisted the VSU-VC Alumni officers in their alumni grand homecoming on December 23, 2007.

VSU IMPLEMENTED ATM PAYROLL SYSTEM

Regular employees of VSU started receiving their salaries through the Automated Teller Machine (ATM) of the Land Bank of the Philippines (LBP) in February 2007.

MANPOWER RESOURCES

The VSU System had a total of 346 regular administrative personnel as of December 31, 2007, consisting of 283 regular personnel in the VSU Main (3 PhD, 21 MS, 119 BS, and 140 Undergraduate); 13 in VSU-Alangalang (1 PhD, 6 MS, and 5 BS); 16 in VSU-Isabel (2 MS, 7 BS, and 7 Undergraduate); 17 in VSU-Tolosa (1 MS, 11 BS, and 5 Undergraduate); and 17 in VSU-Villaba (1 PhD, 4 MS, 3 BS, and 9 Undergraduate). VSU Main Campus had a total of 181 casual/contractual employees and the external campuses had five (5) casual employees.

DONATIONS RECEIVED

- ◆ The Speech Laboratory for Medical Transcription Course was donated to the university through the efforts of *An Waray* Party List Representative Florencio Gabriel G. Noel and was turned over to LSU on February 23, 2007. *An Waray* also donated P250,000.00 worth of IT facilities to the VSU Main Campus' Department of Development Communication (DDC).
- ◆ Eighteen (18) volumes of books that could be used by BS Computer Science students as well as faculty and staff of VSU were donated by Mr. Philip Symons, a Computer Programmer in Investment Banking based in London.
- ◆ A flatbed digital scanner was donated to OVPRE by Mr. Philip Symons.

UNIVERSITY PUBLICATIONS

1. University Code
2. VSU Facts and Figures
3. Obelisks
4. Science and Humanities Journal Vol. 6
5. Graduate School Information Bulletin 2007 Revised Edition
6. Graduate Students Handbook 2007 Edition
7. Research Manual
8. Extension Manual
9. IPR Policy and Manual

CONDENSED BALANCE SHEET

As of December 31, 2007
(With Comparative Figures in 2006)

ASSETS

	2007	2006
CURRENT ASSETS		
Cash	51,201,011.18	51,843,087.05
Receivables: Net	42,395,050.66	36,384,959.66
Inventories	749,216.80	703,760.07
Prepaid Expenses	75,552.90	58,990.46
Other Current Assets	68,563.00	68,563.00
TOTAL CURRENT ASSETS	94,489,394.54	89,059,360.24
PROPERTY, PLANT & EQUIPMENT		
Property, Plant & Equipment	401,899,282.38	386,803,643.80
Less: Accum Depreciation	240,490,725.02	241,605,195.78
	161,408,557.36	145,198,448.02
TOTAL ASSETS	255,897,951.90	234,257,808.26

LIABILITIES AND EQUITY

LIABILITIES		
Current Liabilities	37,524,791.94	38,624,114.28
Other Liabilities	32,869,878.05	29,099,619.59
	70,394,669.99	67,723,733.87
EQUITY		
Government Equity	185,503,281.91	166,534,074.39
TOTAL LIABILITIES & EQUITY	255,897,951.90	234,257,808.26

Condensed Statement of Income and Expenses

As of December 31, 2007
(With Comparative Figures in 2006)

	2007	2006
INCOME	312,783,959.09	290,742,696.39
<i>Less: EXPENSES</i>		
Personal Services	211,283,049.78	208,116,938.17
Maintenance & Other Operating Expenses	96,009,970.56	86,006,042.13
Financial Expenses	2,150.00	-
TOTAL EXPENSES	307,295,170.34	294,122,980.30
EXCESS OF INCOME OVER EXPENSES	5,488,788.75	(3,380,283.91)
Add/Deduct Loss of Assets	68,994.01	(848.22)
NET	5,419,794.74	(3,381,132.13)

Collaboration



VSU entered into memoranda of agreement/understanding with the following institutions/agencies:

- ♦ *Department of Agriculture-Regional Field Unit VIII (DA-RFU 8)* – for the implementation of the project *Programang Gulayan ng Masa Tungo sa Kanayunang Mahusay at Busog sa Pag-asa* in Region 8;
- ♦ *World Vegetable Center (AVRDC)* – for the conduct and promotion of scientific research and development as well as capacity and institutional building; for preparing joint proposals to seek research grants to fund collaborative R&D training activities; and for formulating post-graduate student projects, student attachments and student supervision;
- ♦ *COSMO Oil Co., Ltd. in Japan* – collaboration on the project, “Biomass Project in the Philippines.” The joint venture was conceived in view of the favorable climatic condition of the country for growing energy crops and the great potential of establishing a national network for procuring energy crops. COSMO shall be responsible for the technologies and know-how as well as securing outlet for biofuel produced from any carbon source that can be replenished rapidly such as plants;
- ♦ *Tanggol Kalikasan, Inc.* – for the establishment of the Institute of Environmental Governance (IEG) Center in Region 8. The Center shall assist barangay officials in Region VIII in the areas of environmental management, planning, protection, and conservation as well as develop appropriate training designs with the help of highly qualified individuals from the academe, government and private sector; and
- ♦ *LGU of Isabel, Leyte, PSME-Isabel Chapter and TESDA* – on Isabel Manpower Skills Training Program (MSTP), which focused on skills development, geared towards gainful and productive employment of the trainees. VSU-Isabel Campus shall provide the needed facilities, facilitators, and resource persons in the conduct of the theoretical part of the program; LGU-Isabel shall take charge in the recruitment of participants, assist the graduates in seeking possible employment and provide the equipment and consumables for welding inclusive of electric bills during the duration of the skills training; PSME-Isabel Chapter shall provide technical assistance and resource persons and monitor the performance of the training; TESDA shall formulate training regulations and other competency-based learning materials, conduct competency assessment and issue certification to graduates and assess the graduates for possible upgrading and employment and provide other related technical assistance.

Significant Events



- ♦ **Dr. Virgilio E. Sabalo**, Dean of the University of the Philippines -Tacloban Campus (UPVTC) and a 1982 BS in Agribusiness alumnus of the then ViSCA now VSU, inspired the 301 honor students who were given recognition during the 28th Honors Convocation on February 22, 2007.
- ♦ **Congressman Florencio Gabriel G. Noel** of An Waray Party List was the guest speaker during the 77th VSU Laboratory High School (VSULHS) Commencement Exercises on March 23, 2007. He pointed out that high school years are a background, a beginning, and a source for one's success.
- ♦ **Dipl.-Ing. Dirk Hoffman**, BSH Bosch and Siemens Hausgerate's Vice President for International Sales, was the keynote speaker during the 54th VSU's Collegiate Commencement Exercises on April 2, 2007. An honorary degree of Doctor of Technology was conferred on him during that occasion.
- ♦ **Dr. Richard M. Juanillo**, Deputy Executive Director for Institution Development and Resource Management (IDRM) of PCARRD, was the keynote speaker during the 2007 VSU Research In-House Review on April 16-20, 2007.
- ♦ **Dr. Eufemio Barcelon**, a 1983 BS Agricultural Engineering graduate of VSU and now a Food Innovation Research Scientist of the MANILDRA Group R&D Center at Melbourne, Australia, a 2007 *Balik Scientist* awardee and concurrently Food Innovation Consultant of the Department of Science and Technology (DOST), gave a seminar lecture on Functional Foods to VSU faculty, staff, and students on April 25, 2007.
- ♦ **2007 Local and Overseas Jobs Fair** was initiated by the University Student Services Office (USSO) in coordination with the Department of Labor and Employment (DOLE) and the Philippine Overseas Employment Administration (POEA) of Region 8.
- ♦ **The VSU General Homecoming** held on May 18-19, 2007 was participated in by more than 400 VSU alumni from different parts of the country and abroad. The activities included a luncheon and a symposium/product fair on the first day and a dinner and coronation of the 2007 Alumni King and Queen during the Alumni Night on the second day.
- ♦ **Dr. Manuel D. Punzal**, former VSU Chairperson of the VSU Board of Regents and Principal of the Manila-based Punzal and Associate Consultancy in Education and Management (PACEM), shared his expertise with VSU teachers during the "Teacher Professional Development Training-Workshop" on May 28, 2007.
- ♦ **Dr. Fernando A. Bernardo**, 1st president of ViSCA, was the keynote speaker of the first celebration of "Agriculture Day" of the College of Agriculture on June 18-19, 2007. He urged the College of Agriculture to strengthen and make its programs more attractive, draw more external support for its programs and projects, and ensure the continuous development of its faculty and staff.
- ♦ **Dr. Eliseo R. Ponce**, VSU professor and former Director of the Bureau of Agricultural Research of the Department of Agriculture, talked on "The New Agriculture: Issues and Prospects for VSU" during the Academic Forum on July 19, 2007 at the FARMI Training Hall.

- ♦ **Director Imelda C. Laceras**, Regional Director of the Department of Budget and Management, graced the 2007 Flower and Garden Show Formal Opening on August 7, 2007. She emphasized that the event promotes gardening not just as a hobby but a good business venture and also manifests our national drive towards a greener and more beautiful Philippines and mobilizes wider public support and participation in nurturing an wholesome environment.
- ♦ **Prof. Dr. Hans-Peter Liebig**, Rector of the University of Hohenheim, Germany, was the keynote speaker during the 83rd anniversary of the Visayas State University on August 11, 2007. He emphasized the big challenges confronting universities with the advent of globalization and cited collaboration as a practical scheme in addressing such challenges. He described the highly competitive market for education and research and suggested that universities must know how to react to the situation and build a positive attitude towards competition.
- ♦ The winners of the different contest categories of the 2007 Garden Show were: **Best Landscape** – *Highway Garden* (Mario Baliad) – 1st place; *Ormoc Petals* (Magdalena dls Larrazabal) – 2nd place; *Rimil's Garden* (Ricardo Bales) – 3rd place; **Best Flowering Pot Plant** – *Cheli's Garden* (Araceli G. Larrazabal) – 1st place; *Villas Garden* (Sheila A. Villas) – 2nd place; *Mitz Garden* (Amelia Delalamon) – 3rd place; **Best Vanda** – *Cheli's Garden* (Araceli G. Larrazabal) – 1st 2nd and 3rd places; **Best Aroid 'A'** – *Ormoc Petals* (Magdalena dls Larrazabal) – 1st place; *Highway Garden* (Mario Baliad) – 2nd place; *VSU* (Noel B. Pantoja) – 3rd place; **Best Aroid 'C'** – *Mitz Garden* (Amelia Delalamon) – 1st place; *VSU* (Restituto Meole) – 2nd place; *Chuana's Garden* (Chuana Pagador) – 3rd place; **Best Dish Garden** – *Mebod's Garden* (Felix M. Salas) – 1st, 2nd, 3rd places; and **Best Booth** – *Mitz Garden* (Amelia Delalamon) – 1st place; *3J Blooms* (Villaluz Acedo) – 2nd place; *Highway Garden* (Mario Baliad) – 3rd place.
- ♦ **Ma. Kristin D. Ortega**, a junior BS in Hotel, Restaurant and Tourism Management (BSHRTM), was crowned **Miss Visayas State University 2007** on August 9 with **Joann A. Vigilar** – 1st runner up, **Genevie-An O. Suico** – 2nd runner up, **April Mae U. Nayga** – 3rd runner up, and **Mercedes L. Lubat** – 4th runner up.
- ♦ The VSU's **2007 Farmers and Fisherfolks' Day** held on August 10, 2007 featured a Jackfruit Festival and was attended by more than two thousand farmers and fisherfolks. The activities were the following: parade, Farmers and Fisherfolks Forum, Awarding of the 2007 Outstanding Farmer, Viewing of Exhibits and Campus/Field Tour, *Pinaka* contest (contest on the best farm products), launching of Baybay Delights, Jackfruit Product Processing Contest, *Dulang Pinoy*, and raffle draw.
- ♦ **Dr. Patricio S. Faylon**, Executive Director of the Philippine Council for Agriculture, Forestry and Natural Resources Research and Development (PCARRD) and **Dir. Leo P. Cañeda**, Regional Executive Director of the Department of Agriculture-Region 8 were the guest speakers during the Awarding of the 2007 Outstanding Farmer.
- ♦ **Mr. Arturo D. Pasacas** of Calbayog City, Samar was the 2007 Outstanding Farmer awardee and received a plaque and a cash award of P10,000.00 from Leyte Governor Jericho L. Petilla.

- ♦ The winners of the different contest categories for booth competition were: **a) Booth of the Year** – PhilRootcrops; **b) Research Center Category** – **Philippine Rootcrops Research and Training Center** – *Most Artistic, Most Symbolic* and 1st place; **National Coconut Research Center-Visayas** – *Environment-Friendly Booth* and 2nd place; **National Abaca Research Center** – 3rd place; **c) College Category** – **College of Forestry and Natural Resources** – *Environment-Friendly Booth* and 1st place; **College of Engineering and Agri-Industries** – 2nd place and **College of Education** – 2nd place and *Most Artistic Booth Award*; **College of Veterinary Medicine** – *Most Symbolic Booth Award*; **d) Student Organizations Category** – **Visca Foundation Elementary School** – 1st place, *Most Symbolic, Most Artistic*, and *Most Environment-Friendly*; **VSU Laboratory High School** – 2nd place; **Home Economists Society** – 3rd place; **e) Government Agencies/ Corporation Categories** – **Lungsod ng Baybay** – 1st place and *Most Artistic Booth Award*; **Philippine National Oil Company** – 2nd place and *Most Symbolic Booth Award*; **Department of Agriculture Regional Office 8** – 3rd place; **Province of Southern Leyte** – *Environment-Friendly Booth Award*.
- ♦ The 4th **Kaugmaran Festival** held in the morning of August 11, 2007 added attraction to the 83rd VSU anniversary celebration wherein the performers showed their talents in the street dancing parade and during the showdown held at the soccer field near the VSU Gymnatorium.
- ♦ **VSU gave awards during the 83rd VSU Anniversary Convocation** on August 11, 2007 to the following institutions and individuals:
 - ❑ **BSH Bosch and Siemens Home Appliances Group of Germany – Sandigan Award** “for its significant contributions to VSU’s academic, research, and extension program through financial assistance in establishing plant oil technology center that houses the plant oil analysis, plant oil production, virgin oil and coco water vinegar production, and plant oil stove laboratories with state-of-the-art precision equipment, gadgets, and computers needed in scientific research.”
 - ❑ **Dr. Friedheim Goeltenboth** “for his notable accomplishment in popularizing and promoting Rainforestation Farming Technology”
 - ❑ **Dr. Josef Margraf** “for contributing immensely to the biodiversity and socio-ecological component projects of the Applied Tropical Ecology Program of ViSCA.”
 - ❑ **Dr. Edgardo E. Tulin** – Exemplary Academician Award
 - ❑ **Dr. Bernardita P. Germano** – Exemplary Researcher Award
 - ❑ **Dr. Lucia M. Borines** – Exemplary Teacher Award
 - ❑ **Mr. Romeo B. Balbarino** – Model Skilled Technician Award
 - ❑ **Mr. Bonifacio E. Castillo** – Model Utility Worker Award
 - ❑ **Mr. Henry P. Modina** – Model Messenger Award
 - ❑ **Mr. Nicolas Aloysius R. Warque** – Entrepreneurship Award
 - ❑ **Mr. & Mrs. Catalino P. Gundaya and Family** – Family of the Year Award
 - ❑ **Dr. Salvador C. Dagoy (posthumous), Dr. Nerelito**

P. Pascual, Dr. Rebecca M. Santiago, and Dr. Lina T. Villacarlos – Mt. Pangasugan Award

☐ **Mr. Teodulfo S. Bacalso** (Posthumous), **Mr. Dominador G. Calle** (Posthumous), **Mr. Samuel L. Modina** (Posthumous), **Prof. Bernadette F. Quirol** (Posthumous), **Prof. Victor P. Briones, Dr. Reynaldo R. Javier, Prof. Alicia B. Masendo, Prof. Luzviminda A. Songalia, Ms. Eulalia M. Casas, Mr. Manuel E. Comon, Mr. Samuel M. Managbanag, Mr. Ariel L. Mantua, Mr. Dominador I. Mazo, Ms. Norma T. Palaña, Ms. Hinniabel R. Pelayo, and Prof. Enriqueta S. Santo** – Service Award

- ♦ **Dr. Rafael D. Guerrero III**, Executive Director of the Philippine Council for Aquatic and Marine Research and Development (PCAMRD) led the team that conducted a “Trainor’s Training on Vermicompost and Vermimeal Production and Utilization on September 17-18, 2007.
- ♦ **Atty. Virginia Palanca-Santiago**, Director of the Office of Ombudsman-Visayas, was the speaker during a Forum on Public Accountability on September 27, 2007 as one of the major activities of VSU in its month-long celebration of the 107th anniversary of the Philippine Civil Service.
- ♦ **Congressman Florencio Noel** of An Waray Partylist served as the keynote speaker during the 1st Visayas Student Congress held on November 8-10, 2007 at the VSU Convention Center.
- ♦ The **VSU Culture and the Arts Center (CAC)**, in cooperation with the Baybay City Tourism and Investment Office, presented a dance-theatre depicting the legend

of Pangasugan on December 4 and 15, 2007 at the VSU Gymnasium and Baybay City Gym, respectively. The fantasy dance-theatre in oriental presentation portrayed by selected VSU college students featured the story of a mountain, river, a hero, the environment, and the unseen entities that help protect and preserve nature. Pangasugan is a barangay of Baybay City where VSU is located.

VSU hosted the following seminars, workshops, general assemblies, trainings, fora during the year:

- ☐ 1st Eastern Visayas Region Librarians Council (EVRLC) General Assembly held on February 1, 2007.
- ☐ Seminar-Workshop on the Development of an Effective and Efficient University Intellectual Property Rights Policy, Strategy, and Governance of SUCs on March 5-6, 2007.
- ☐ Agricultural Technologies in Eastern Visayas: The Roles of Institutions and Impacts on Its Users held on April 24-25, 2007.
- ☐ The National Research Council of the Philippines (NRCP)-Visayas Regional Cluster (VRC) held its 4th Annual Meeting on May 21, 2007.
- ☐ International Conference on Improving the Triple Bottom Line Returns from Small-Scale Forestry held on July 17-21, 2007, which was organized by the International Union of Forest Research Organizations (IUFRO) and in coordination with the School of Natural and Rural Systems Management of University of Queensland (UQ) in Australia. The conference gathered together 80 forest scientists from 17 countries like Australia, Belgium, Finland, Germany, Indonesia, Iran, Ireland,

Lithuania, Myanmar, Nepal, Norway, Papua New Guinea, Sri Lanka, South Africa, USA, Vietnam, and Philippines.

- ❑ The 9th International Sago Symposium: “Enhancing the Potential of Sago for Food and Industrial Uses” held on July 19–21, 2007. The sponsors of the symposium were the Japanese Society of Sago Palm Studies, Philippine Root Crop Research and Training Center, Japan Society for the Promotion of Science, Visayas Consortium for Agriculture and Resources Program, Philippine Council for Agriculture, Forestry and Natural Resources Research and Development, Visayas State University and the Tokyo University of Agriculture and Technology. Sago palm researchers and businessmen from Japan, Malaysia, Indonesia, Australia, Papua New Guinea, Thailand and the Philippines attended the symposium.
- ❑ 2nd National Forestry Education Conference held on July 23–25, 2007 with the theme “Strengthening Partnership and Building Academes’ Capacity to Support Sustainable Forest Management”. Forty (40) forestry education experts, academicians, administrators, researchers, policymakers, and practitioners attended the conference.
- ❑ 12th International Seminar-Workshop on Tropical Ecology held on August 19–September 1, 2007 with 15 participants from Germany (6) and 9 from the Philippines. The seminar-workshop focused on the structure, function and man’s impact on Southeast Asian Ecosystem.
- ❑ Regional Consultative Forum on the Role of HEIs in Health Research on September 6, 2007, with the theme: “Towards Research on Botanicals for Pharmaceuticals and Nutraceutical Applications in Human Health”. The forum was sponsored by the CHED Zonal Research Center – VIII and the Visayas State University.
- ❑ 39th Annual convention of the Federation of Institutions in Marine and Freshwater Sciences (FIMFS) held on October 29–31, 2007 with the theme “Towards Better Mitigation of Human Impact on Aquatic Environments”
- ❑ 1st Visayas Student Congress held on November 8–10, 2007 with the theme “Student Government: Responding to the Challenges of Peace and Unity in the Visayas”. The congress was spearheaded by the National Council of Student Government of the Philippines (NCSGP) in partnership with the Commission on Higher Education (CHED), National Council of Campus Journalists of the Philippines (NCCJP), Students’ Action Vital to the Environment and Mother Earth (SAVE ME) Movement, and VSU. It gathered 152 student leaders and journalists from different private and government institutions in the Visayas.
- ❑ Seminar on Market to Research: Translational Research with Dr. Kenneth Chong and Dr. Chris French from the University of Newcastle, U.K. as resource speakers. The seminar was held on December 1, 2007.

OFFICERS OF THE VSU SYSTEM

HEADS OF VSU CAMPUSES

(As of December 31, 2007)

MAIN CAMPUS

DR. JOSE L. BACUSMO

President, Visayas State University
Visca, Baybay City, Leyte

SATELLITE CAMPUSES

DR. EDWIN A. BALBARINO

Dean, College of Industrial Technology
VSU-Isabel Campus
Isabel, Leyte

DR. CONCHITA A. ITO

Dean, College of Education and Agricultural Technology
VSU-Villaba Campus
Villaba, Leyte

DR. PABLO B. PEDRERA

Dean, College of Environmental & Agricultural Technology
VSU-Alangalang Campus
Alangalang, Leyte

DR. ROBERTA D. LAUZON

Dean, College of Fisheries
VSU-Tolosa Campus
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Goals

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

Objectives

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

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